

MEMORANDUM

To: Members of the Audit Committee

From: Mary Hom MH

Chief Risk Officer

Date: January 21, 2025

Re: Counterparty Credit Risk Exposure

Please find attached an unaudited report detailing the Corporation's counterparty exposure as of December 31, 2024. The previous report to the Audit Committee was dated October 31, 2024.

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

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 20 projects and six interest rate hedges.

Investments rated double-A or higher were 45% of total investments, versus 44% at the last report. Investments rated triple-B and lower or not rated were 39% of total investments, versus 41% at the last report. All investments rated triple-B and lower or not rated are fully collateralized by Federal Home Loan Bank municipal letters-of-credit ("MULOC") and/or U.S. Treasury/Agency securities. The weighted average maturity of the investment portfolio was unchanged at approximately 1.8 years.

HDC exposure to liquidity providers was approximately \$788 million. Interest rate hedges outstanding totaled approximately \$1.6 billion.

NEW YORK CITY HOUSING DEVELOPMENT CORPORATION Counterparty Credit Risk Exposure Report as of December 31, 2024 (UNAUDITED)

				l l				TOTAL	
				Permanent			Interest Rate Hedges	COUNTERPARTY	Counterparty
Counterparty	Moody's	S&P	Construction LOC	Enhancement	Investment	Liquidity Providers	(Hedge Outstanding)	EXPOSURE	Exposure
Assured Guaranty	A1	AA		\$56,640,000				\$56,640,000	0.26%
Bank of America NA	Aal	A+	\$301,820,000	\$18,900,000				\$320,720,000	1.47%
Bank of New York Mellon NA	Aa1	AA-	\$412,625,000				\$130,000,000	\$542,625,000	2.49%
Bank OZK	A3	NR			\$408,963,295			\$408,963,295	1.88%
Barclays Bank	A1	A+				\$178,720,000		\$178,720,000	0.82%
Bayerische Landesbank	Aa2	NR			\$4,556,001			\$4,556,001	0.02%
Capital One NA	A1	BBB+		\$22,700,000				\$22,700,000	0.10%
Citibank NA	Aa3	A+	\$922,995,000	\$198,373,205	\$29,048,498		\$229,586,316	\$1,380,003,019	6.33%
Citizens Bank	A1	A-			\$304,590,080			\$304,590,080	1.40%
Customers Bank	NR	NR			\$349,057,568			\$349,057,568	1.60%
Daiwa Securities	A3	A-			\$19,718,000			\$19,718,000	0.09%
Deutsche Bank	A1	A		\$55,000,000				\$55,000,000	0.25%
Dime Community/Bridgehampton Nat'l Bank	NR	NR			\$488,782,061			\$488,782,061	2.24%
Dormitory Authority of the State of NY (DASNY)	Aa2	AA-			\$31,440,000			\$31,440,000	
East West Bank	NR	BBB+			\$480,888,825			\$480,888,825	2.21%
Flushing Bank	NR	NR			\$78,775,404			\$78,775,404	
Goldman Sachs Bank/Goldman Sachs Mitsui Marine	A1/Aa2	A+/AA-	\$513,635,000		,,,,,,,,		\$50,880,000	\$564,515,000	2.59%
Hanover Bank	NR	NR	40.00,000,000		\$128,689,246		400,000,000	\$128,689,246	
HDC	Aa2	AA	\$311,505,000		4 0,000 ,= 10			\$311,505,000	
JPMorgan Chase Bank NA	Aa1	AA-	\$851,146,667	\$7,110,000				\$858,256,667	3.94%
Landesbank Baden-Wuerttemberg	Aa2	NR	, , , , , , , , , , , , , , , , , , , ,	\$70,000,000				\$70,000,000	0.32%
NYC GO	Aa2	AA		,,,	\$36,940,000			\$36,940,000	
NYC Transitional Finance Authority	Aa2	AAA			\$41,005,000			\$41,005,000	0.19%
NY Community Bk (Flagstar Bk)	Ba2	NR			\$487,651,522			\$487,651,522	2.24%
NYS HFA	Aa2	NR			\$4,300,000			\$4,300,000	0.02%
NYS Urban Development Corp	Aal	NR			\$20,000,000			\$20,000,000	0.09%
PNC Bank	Aa3/A2	A			\$221,487,968		\$463,720,000	\$685,207,968	3.15%
Promontory (FDIC-insured)	NR	NR			\$191,322,637		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$191,322,637	0.88%
REMIC	NR	AA		\$486,916,607				\$486,916,607	2.24%
REMIC/SONYMA Risk Share	NR	NR		\$73,511,410				\$73,511,410	0.34%
Royal Bank of Canada	Aal	AA-		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		\$125,000,000	\$331,880,000	\$456,880,000	
Societe Generale	A1	A			\$321,778			\$321,778	0.00%
SONYMA	Aaa	NR		\$441,669,811	\$250,000			\$441,919,811	2.03%
Sumitomo Mitsui Banking Corp	A1	A				\$147,285,000		\$147,285,000	0.68%
TD Bank NA	Aa3	A+	\$271,550,000		\$6,255,701	\$237,430,000		\$515,235,701	2.37%
UBS	Aa2	AA-				\$100,000,000		\$100,000,000	0.46%
US Agency:	Aaa	AA+		\$5,479,085,393	\$2,885,983,761			\$8,365,069,154	38.40%
FFCB					\$825,105,000			\$825,105,000	3.79%
FHA/HUD				\$1,516,838,457				\$1,516,838,457	6.96%
FHLB				41,010,000,107	\$986,345,000			\$986,345,000	4.53%
FHLMC				\$1,990,917,545	\$874,979,468			\$2,865,897,013	13.16%
FNMA				\$1,971,329,392	\$183,591,000			\$2,154,920,392	9.89%
GNMA		+		Ψ1,7,1,327,372	\$15,963,293			\$15,963,293	0.07%
US Bank NA	Aa3	A+			\$107,432,000			\$107,432,000	
US Treasury	Aaa	AA+			\$132,235,000			\$132,235,000	0.61%
Webster Bank (formerly Sterling Nat'l Bk)	A2	BBB+			\$493,981,271			\$493,981,271	2.27%
Wells Fargo Bank NA	Aa1/Aa2	A+	\$1,887,502,128		Ψ1/2,/01,2/1		\$453,982,173	\$2,341,484,301	10.75%
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TOTAL			\$5,472,778,795	\$6,909,906,425	\$6,953,675,616	\$788,435,000	\$1,660,048,489	\$21,784,844,325	100.00%
*Counterparty Exposures Above 10% Are Highlighted		1							



NEW YORK CITY HOUSING DEVELOPMENT CORPORATION Counterparty Credit Risk Exposure Report as of December 31, 2024 (UNAUDITED)

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Municipal Investments:		A 4				
Issuer Dormitory Authority of the State of NY		Amount				
		\$31,440,000				
NYC GO		\$36,940,000				
NYC TFA		\$41,005,000				
NYS HFA		\$4,300,000				
NYS Urban Dev Corp		\$20,000,000				
SONYMA		\$250,000				
Total Municipal Investments		\$133,935,000				
Exposure to Counterparties Rated A-Minus and Be	low, or Not-Rated:					
			% Total			
	Type of		Counterparty			
Counterparty	Exposure	Amount	Exposure			
Bank OZK*	Money Market	\$408,963,295	1.88%			
Capital One Bank	Permanent Enhancement	\$22,700,000	0.10%			
Citizens Bank*	Money Market	\$304,590,080	1.40%			
Customers Bank*	Money Market	\$349,057,568	1.60%			
Daiwa Securities*	Repo	\$19,718,000	0.09%			
Dime Community Bk/Bridgehampton Nat'l Bk*	Money Market	\$488,782,061	2.24%			
East West Bank*	Money Market	\$480,888,825	2.21%			
Flushing Bank*	Money Market	\$78,775,404	0.36%			
Hanover Bank*	Money Market	\$128,689,246	0.59%			
NY Community Bk/Flagstar Bk*	Money Market	\$487,651,522	2.24%			
Promontory (FDIC-insured)	Money Market	\$191,322,637	0.88%			
Webster Bank (formerly Sterling Nat'l Bk)*	Money Market	\$493,981,271	2.27%			
TOTAL	Money Market	\$3,455,119,909	15.86%			
	THE TOTAL CONTRACTOR OF THE PROPERTY OF THE PR	\$5,455,119,909	15.80%			
*Fully- or over-collateralized by FHLB MULOC and/	or US Treasury/Agency securities					
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Country Exposure (Ex-U.S.):			0/ Ta4al			
			% Total			
			<u>Counterparty</u>			
Country	Type	\$ Amount	Exposure			
Canada (TD Bank/Royal Bank of Canada)	LOC/GIC/Liq	\$972,115,701	4.46%			
France (Societe Generale)	GIC	\$321,778	0.00%			
Germany (Bayerische Landesbank/Deutsche/LBW)	GIC/LOC	\$129,556,001	0.59%			
Japan (Daiwa/Sumitomo Mitsui)	RP/Liq	\$167,003,000	0.77%			
UK (Barclays Bank)	Liq	\$178,720,000	0.82%			
Switzerland (UBS)	Liq	\$100,000,000	0.46%			
TOTAL		\$1,547,716,480	7.10%			



Credit Enhancement Diversification as of December 31, 2024 (UNAUDITED)

% of Total

CONSTRUCTION PROJECTS

CONSTRUCTION TROSECTS			Enhancement	During Construction:		Expected Perm	anent Enhancement	
			<u> </u>	Daring Constituction		EXPOCECUT CITI	Expected	<u>-</u>
							Permanent	
			Number of		% of Total During	Number of	Enhanced or	% of Total During
<u>Provider</u>	Moody's	S&P	Projects	Enhanced Amount	Construction	Projects	Insured Amount	<u>Permanent</u>
Bank of America	Aa1	A+	4	\$301,820,000	5.51%	0	\$0	0.00%
Bank of New York Mellon	Aa1	AA-	7	\$412,625,000	7.54%	0	\$0	0.00%
Citibank	Aa3	A+	14	\$922,995,000	16.87%	0	\$0	0.00%
FHA	Aaa	AA+	0	\$0	0.00%	23	\$1,174,755,500	79.95%
FHLMC*	Aaa	AA+	0	\$0	0.00%	1	\$9,580,500	0.65%
Goldman Sachs Bank	A1	A+	5	\$513,635,000	9.39%	0	\$0	0.00%
HDC	Aa2	AA	16	\$311,505,000	5.69%	0	\$0	0.00%
JPMorgan Chase	Aa1	AA-	10	\$851,146,667	15.55%	0	\$0	0.00%
NONE	NR	NR	2	\$0	0.00%	0	\$0	0.00%
REMIC	NR	AA	0	\$0	0.00%	54	\$175,013,600	11.91%
SONYMA	Aaa	NR	0	\$0	0.00%	7	\$109,925,000	7.48%
TD Bank NA	Aa3	A+	5	\$271,550,000	4.96%	0	\$0	0.00%
Wells Fargo	Aa1	A+	20	\$1,887,502,128	34.49%	0	\$0	0.00%
TOTAL			83	\$5,472,778,795	100.00%	85	\$1,469,274,600	100.00%
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In Construction:			
Rating	% of Total		
AAA	0.00%		
AA	18.19%		
Α	81.81%		
ΤΟΤΔΙ	100.00%		

PERMANENT LOANS WITH ENHANCEMENT

						<u>Permanent</u>
			Number of	Current Principal		Enhanced
<u>Provider</u>	Moody's	S&P	Projects	<u>Amount</u>	Enhanced Amount	<u>Amount</u>
Assured Guaranty	A1	AA	1	\$56,640,000	\$56,640,000	0.82%
Bank of America	Aa1	A+	1	\$18,900,000	\$18,900,000	0.27%
Capital One	A1	BBB+	1	\$22,700,000	\$22,700,000	0.33%
Citibank	Aa3	A+	18	\$198,373,205	\$198,373,205	2.87%
Deutsche Bank	A1	Α	1	\$55,000,000	\$55,000,000	0.80%
FHA	Aaa	AA+	59	\$2,171,202,946	\$1,516,838,457	21.95%
FHLMC	Aaa	AA+	32	\$2,103,217,600	\$1,990,917,545	28.81%
FNMA	Aaa	AA+	33	\$1,971,329,392	\$1,971,329,392	28.53%
JPMorgan Chase	Aa1	AA-	2	\$7,110,000	\$7,110,000	0.10%
Landesbank Baden Wuer	Aa3	NR	1	\$70,000,000	\$70,000,000	1.01%
REMIC	NR	AA	294	\$2,414,241,392	\$486,916,607	7.05%
REMIC/SONYMA Risk Share	NR	NR	2	\$147,022,820	\$73,511,410	1.06%
SONYMA	Aaa	NR	71	\$750,673,640	\$441,669,811	6.39%
TOTAL			516	\$9,986,410,996	\$6,909,906,425	100.00%

In Permanent:

Rating	% of Total
AAA	0.00%
AA	94.81%
Α	4.86%
BBB	0.33%
TOTAL	100.00%



^{*}Risk share with HDC

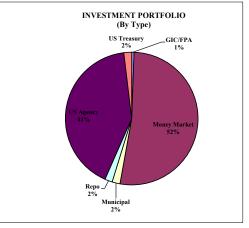
Investment Summary as of December 31, 2024 (UNAUDITED)

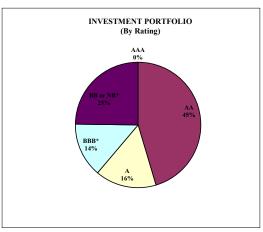
Investment Securities & Repo-By Rating:

investment Securities & Repo-by Rating.		NRSR	O Rating-December	er 31 2024·			
Counterparty	Type	Amount	AAA	AA	Α	BBB*	BB or NR*
Bank OZK (FHLB MULOC)*	MM	\$408,963,295			\$408,963,295		
Bayerische Landesbank	GIC	\$4,556,001		\$4,556,001			
Citibank NA	FPA	\$29,048,498			\$29,048,498		
Citizens Bank (FHLB MULOC)*	MM	\$304,590,080			\$304,590,080		
Customers Bank (FHLB MULOC)*	MM	\$349,057,568					\$349,057,568
Daiwa Securities (TSY/AGCY)*	REPO	\$19,718,000			\$19,718,000		
Dime Community Bank/Bridgehampton Natl Bank (FHLB MULOC)	* MM	\$488,782,061					\$488,782,061
Dormitory Authority of the State of NY	MUNI	\$31,440,000		\$31,440,000			
East West Bank (FHLB MULOC)*	MM	\$480,888,825				\$480,888,825	
Flushing Bank (FHLB MULOC)*	MM	\$78,775,404					\$78,775,404
Hanover Bank (FHLB MULOC)*	MM	\$128,689,246					\$128,689,246
NYC GO	MUNI	\$36,940,000		\$36,940,000			
NYC TFA	MUNI	\$41,005,000		\$41,005,000			
NY Community Bank/Flagstar Bank (FHLB MULOC)*	MM	\$487,651,522					\$487,651,522
NYS HFA	MUNI	\$4,300,000		\$4,300,000			
NYS Urban Development Corp	MUNI	\$20,000,000		\$20,000,000			
PNC Bank	MM	\$221,487,968			\$221,487,968		
Promontory (FDIC-insured)	MM	\$191,322,637					\$191,322,637
Societe Generale	GIC	\$321,778			\$321,778		
SONYMA	MUNI	\$250,000	\$250,000				
TD Bank	GIC	\$6,255,701			\$6,255,701		
US Agency	US Agency	\$2,885,983,761		\$2,885,983,761			
US Bank NA	REPO	\$107,432,000			\$107,432,000		
US Treasury	US Treasury	\$132,235,000		\$132,235,000			
Webster Bank (formerly Sterling National Bank) (FHLB MULOC)*	MM	\$493,981,271				\$493,981,271	
		\$6,953,675,616	\$250,000	\$3,156,459,762	\$1,097,817,320	\$974,870,096	\$1,724,278,438
% of Total	'	100.00%	0.00%	45.39%	15.79%	14.02%	24.80%

*Fully-collateralized by US Treasury/Agency securities and/or FHLB municipal letters-of-credit (MULOC)

Weighted Average Maturity (Years):	1.84	
Investment Portfolio-By Type of Investment:		
	% Total	Amount
GIC/FPA	0.58%	\$40,181,978
Money Market	52.26%	\$3,634,189,877
Municipal	1.93%	\$133,935,000
Repo	1.83%	\$127,150,000
US Agency	41.50%	\$2,885,983,761
US Treasury	1.90%	\$132,235,000
Total	100.00%	\$6,953,675,616







Liquidity Providers as of December 31, 2024 (UNAUDITED)

BARCLAYS BANK (A1/A+)				
<u>Issue</u>	Expiration	<u>Amount</u>		
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		
		\$178,720,000		

ROYAL BANK OF CANADA (Aa1/AA-)				
<u>Issue</u>	Expiration	<u>Amount</u>		
2019 A-4	3/19/2027	\$30,000,000		
2019 E-3	3/19/2027	\$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		

SUMITOMO MITSUI BANKING CORP (A1/A)					
<u>Issue</u>	<u>Expiration</u>	<u>Amount</u>			
2018 L-1	12/13/2028	\$114,670,000			
2023 E-3	12/13/2028	\$32,615,000			
	<u> </u>	\$147,285,000			

	TD BANK (Aa3/A	/ +)
<u>Issue</u>	<u>Expiration</u>	<u>Amount</u>
2018 L-2	4/5/2028	\$57,430,000
2020 I-3	4/5/2028	\$80,000,000
2023 A-3	6/20/2028	\$50,000,000
2023 B-2	10/25/2028	\$50,000,000
	<u> </u>	\$237,430,000

	UBS (Aa2/AA-)
<u>Issue</u>	<u>Expiration</u>	<u>Amount</u>
2022 F-3	12/14/2027	\$100,000,000
	_	\$100,000,000

Diversification:	<u>Amount</u>	<u>% Total</u>
Barclays Bank	\$178,720,000	22.67%
Royal Bank of Canada	\$125,000,000	15.85%
Sumitomo Mitsui Banking Corp	\$147,285,000	18.68%
TD Bank	\$237,430,000	30.11%
UBS	\$100,000,000	12.68%
TOTAL	\$788,435,000	100.00%
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Interest Rate Hedges as of December 31, 2024

BANK OF NEW YORK (Aa1/AA-/AA)				
<u>Effective</u>	<u>Termination</u>	<u>Hedge</u>		
<u>Date</u>	<u>Date</u>	Outstanding	Notional Amount	
12/1/2022	12/1/2042	\$50,000,000	\$50,000,000	
6/9/2023	11/1/2053	\$80,000,000	\$80,000,000	
7/1/2025	7/1/2045	\$0	\$150,000,000	
	_			
	_	\$130,000,000	\$280,000,000	
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CITIBANK (Aa3/A+/A+)				
Effective	<u>Termination</u>	<u>Hedge</u>		
<u>Date</u>	<u>Date</u>	<u>Outstanding</u>	Notional Amount	
1/1/2021	11/1/2038	\$130,691,316	\$135,460,000	
7/1/2022	5/1/2051	\$98,895,000	\$98,895,000	
	_	\$229,586,316	\$234,355,000	

GOLDMAN SACHS MITSUI (Aa2/AA-/NR)				
Effective	<u>Termination</u>	<u>Hedge</u>		
Date	<u>Date</u>	Outstanding	Notional Amount	
12/2/2005	5/1/2027	\$2,900,000	\$120,117,127	
12/2/2005	11/1/2032	\$47,980,000	\$132,714,345	
	_	\$50,880,000	\$252,831,472	

PNC BANK (A2/A/A+)				
<u>Effective</u>	<u>Termination</u>	<u>Hedge</u>		
<u>Date</u>	<u>Date</u>	<u>Outstanding</u>	Notional Amount	
11/1/2014	11/1/2033	\$50,000,000	\$50,000,000	
5/1/2018	11/1/2042	\$85,000,000	\$85,000,000	
2/1/2019	5/1/2046	\$100,000,000	\$100,000,000	
12/15/2022	12/1/2042	\$78,720,000	\$78,720,000	
6/20/2023	11/1/2043	\$50,000,000	\$50,000,000	
11/1/2024	5/1/2052	\$100,000,000	\$100,000,000	
	_	\$463,720,000	\$463,720,000	

ROYAL BANK OF CANADA (Aa1/AA-/AA-)			
<u>Effective</u>	<u>Termination</u>	<u>Hedge</u>	
Date	<u>Date</u>	Outstanding	Notional Amount
12/1/2022	11/1/2042	\$150,000,000	\$150,000,000
5/1/2024	5/1/2050	\$181,880,000	\$184,000,000
	_		
	_	\$331,880,000	\$334,000,000
	_		

WELLS FARGO (Aa2/A+/AA-)				
<u>Effective</u>	<u>Termination</u>	<u>Hedge</u>		
<u>Date</u>	<u>Date</u>	Outstanding	Notional Amount	
2/1/2019	2/1/2036	\$62,211,278	\$75,000,000	
5/1/2019	5/1/2059	\$75,000,000	\$75,000,000	
8/1/2019	5/1/2047	\$62,644,574	\$65,445,341	
2/1/2021	5/1/2050	\$54,126,321	\$54,126,321	
10/27/2023	11/1/2033	\$125,000,000	\$125,000,000	
10/30/2024	11/1/2034	\$75,000,000	\$75,000,000	
		\$453,982,173	\$469,571,662	
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	<u>Hedge</u>		
Diversification:	Outstanding	Notional Amount	% Total
Bank of New York	\$130,000,000	\$280,000,000	13.76%
Citibank	\$229,586,316	\$234,355,000	11.52%
Goldman Sachs Mitsui Marine	\$50,880,000	\$252,831,472	12.43%
PNC Bank	\$463,720,000	\$463,720,000	22.79%
Royal Bank of Canada	\$331,880,000	\$334,000,000	16.42%
Wells Fargo	\$453,982,173	\$469,571,662	23.08%
TOTAL	\$1,660,048,489	\$2,034,478,134	100.00%

^{*}Depending on the International Swaps and Derivatives Association (ISDA) credit terms, the counterparty credit rating, and the aggregate mark-to-market value of the applicable swaps, the counterparty may be required to post collateral.

