

Nuveen Closed-End Funds Declare Distributions

- *Regular Monthly Tax-Exempt and Taxable Fund Distributions*
- *Eight Funds Declare Monthly Level Distributions*
- *Three Funds Declare Monthly Managed Distributions*
- *Seven Funds Declare Quarterly Managed Distributions*

NEW YORK, December 1, 2022 – Several Nuveen closed-end funds have declared distributions. These funds represent investment strategies for investors seeking diversified sources of cash flow to prepare for and sustain their retirement income needs. For further information regarding fund distributions, including earnings, undistributed net investment income, and notices, please visit www.nuveen.com/cef.

Shareholders can expect regular distribution information to be posted on www.nuveen.com on the first business day of each month. To ensure that our shareholders have access to the latest information, timely distribution and fund updates can be subscribed to at www.nuveen.com/subscriptions, under the closed-end funds tab of the Product Documents section. You can also follow updates by navigating to the Closed-End Fund section of our Resource Center, located at www.nuveen.com/resource-center.

The following dates apply to today's monthly distribution declarations for the following tax-exempt and taxable closed-end funds:

Record Date **December 15, 2022**
Ex-Dividend Date **December 14, 2022**
Payable Date **December 30, 2022**

<u>Ticker</u>	<u>Exchange</u>	<u>Fund Name</u>	<u>Monthly Distribution Per Share</u>	
			<u>Amount</u>	<u>Change From Previous Month</u>
NXP	NYSE	Nuveen Select Tax-Free Income Portfolio	\$0.0455	-
NUV	NYSE	Nuveen Municipal Value Fund, Inc.	\$0.0280	-
NUW	NYSE	Nuveen AMT-Free Municipal Value Fund	\$0.0390	-
NMI	NYSE	Nuveen Municipal Income Fund, Inc.	\$0.0300	-
NIM	NYSE	Nuveen Select Maturities Municipal Fund	\$0.0225	-
NZF	NYSE	Nuveen Municipal Credit Income Fund	\$0.0505	-
NMZ	NYSE	Nuveen Municipal High Income Opportunity Fund	\$0.0535	-
NID	NYSE	Nuveen Intermediate Duration Municipal Term Fund	\$0.0430	-
NIQ	NYSE	Nuveen Intermediate Duration Quality Municipal Term Fund	\$0.0295	-
NAD	NYSE	Nuveen Quality Municipal Income Fund	\$0.0465	-
NEA	NYSE	Nuveen AMT-Free Quality Municipal Income Fund	\$0.0445	-
NVG	NYSE	Nuveen AMT-Free Municipal Credit Income Fund	\$0.0545	-
NMCO	NYSE	Nuveen Municipal Credit Opportunities Fund	\$0.0575	-
		California		
NAC	NYSE	Nuveen California Quality Municipal Income Fund	\$0.0445	-
NKX	NYSE	Nuveen California AMT-Free Quality Municipal Income Fund	\$0.0470	-
NCA	NYSE	Nuveen California Municipal Value Fund	\$0.0275	-
NXC	NYSE	Nuveen California Select Tax-Free Income Portfolio	\$0.0420	-

New York

NRK	NYSE	Nuveen New York AMT-Free Quality Municipal Income Fund	\$0.0410	-
NAN	NYSE	Nuveen New York Quality Municipal Income Fund	\$0.0425	-
NXN	NYSE	Nuveen New York Select Tax-Free Income Portfolio	\$0.0365	-
NNY	NYSE	Nuveen New York Municipal Value Fund	\$0.0260	-

Other State Funds

NAZ	NYSE	Nuveen Arizona Quality Municipal Income Fund	\$0.0405	-
NKG	NYSE	Nuveen Georgia Quality Municipal Income Fund	\$0.0330	-
NMT	NYSE	Nuveen Massachusetts Quality Municipal Income Fund	\$0.0335	-
NMS	NYSE	Nuveen Minnesota Quality Municipal Income Fund	\$0.0435	-
NOM	NYSE	Nuveen Missouri Quality Municipal Income Fund	\$0.0320	-
NXJ	NYSE	Nuveen New Jersey Quality Municipal Income Fund	\$0.0415	-
NUO	NYSE	Nuveen Ohio Quality Municipal Income Fund	\$0.0325	-
NQP	NYSE	Nuveen Pennsylvania Quality Municipal Income Fund	\$0.0370	-
NPV	NYSE	Nuveen Virginia Quality Municipal Income Fund	\$0.0435	-

Monthly Distribution Per Share

<u>Ticker</u>	<u>Exchange</u>	<u>Fund Name</u>	<u>Amount</u>	<u>Change From Previous Month</u>
<u>Preferred and Income Securities</u>				
JPC	NYSE	Nuveen Preferred & Income Opportunities Fund	\$0.0530	-
JPI	NYSE	Nuveen Preferred and Income Term Fund	\$0.1240	-
JPS	NYSE	Nuveen Preferred & Income Securities Fund	\$0.0435	-
JPT	NYSE	Nuveen Preferred and Income Fund	\$0.1205	-
NPFD	NYSE	Nuveen Variable Rate Preferred & Income Fund	\$0.1195	-
<u>Taxable Municipals</u>				
NBB	NYSE	Nuveen Taxable Municipal Income Fund	\$0.0925	-
<u>Corporate High Yield Debt</u>				
JHAA	NYSE	Nuveen Corporate Income 2023 Target Term Fund	\$0.0250	-

Monthly Level Distributions

The goal of each fund's level distribution program is to provide shareholders with stable, but not guaranteed, cash flow, independent of the amount or timing of income earned or capital gains realized by the funds. Each fund intends to distribute all or substantially all of its net investment income through its regular monthly distribution and to distribute realized capital gains at least annually. In any monthly period, in order to maintain its level distribution amount, each fund may pay out more or less than its net investment income during the period. As a result, regular distributions throughout the year are expected to include net investment income and potentially a return of capital and/or capital gains for tax purposes. If a distribution includes anything other than net investment income, the fund provides a notice of the best estimate of its distribution sources at the time of the distribution which may be viewed at www.nuveen.com/CEFdistributions. These estimates may not match the final tax characterization (for the full year's distributions) contained in shareholders' 1099-DIV forms after the end of the year.

You should not draw any conclusions about the Fund's investment performance from the amount of the distribution. A return of capital is a non-taxable distribution of a portion of a Fund's capital. A distribution including return of capital does not necessarily reflect a Fund's investment performance and should not be confused with "yield" or "income."

Record Date **December 15, 2022**
Ex-Dividend Date **December 14, 2022**
Payable Date **December 30, 2022**

<u>Ticker</u>	<u>Exchange</u>	<u>Fund Name</u>	<u>Monthly Distribution Per Share</u>	
			<u>Amount</u>	<u>Change From Previous Month</u>
		<u>Floating Rate</u>		
NSL	NYSE	Nuveen Senior Income Fund	\$0.0435	-
JFR	NYSE	Nuveen Floating Rate Income Fund	\$0.0745	-
JRO	NYSE	Nuveen Floating Rate Income Opportunity Fund	\$0.0740	-
JSD	NYSE	Nuveen Short Duration Credit Opportunities Fund	\$0.1110	-
JQC	NYSE	Nuveen Credit Strategies Income Fund	\$0.0475	-
		<u>Mortgage-Backed Securities</u>		
JMM	NYSE	Nuveen Multi-Market Income Fund	\$0.0300	-
JLS	NYSE	Nuveen Mortgage and Income Fund	\$0.1160	-
		<u>Global High Yield Debt</u>		
JGH	NYSE	Nuveen Global High Income Fund	\$0.1130	-

Monthly Managed Distributions

The goal of each fund's managed distribution program is to provide shareholders relatively consistent and predictable cash flow by systematically converting expected long-term return potential into regular distributions. Historical distribution sources have included net investment income, realized gains and return of capital. If a distribution includes anything other than net investment income, the fund provides a notice of the best estimate of its distribution sources at that time which may be viewed at www.nuveen.com/CEFdistributions. These estimates may not match the final tax characterization contained in shareholders' 1099-DIV forms after the end of the year.

Under a Managed Distribution policy, Nuveen closed-end funds seek to maintain a stable regular distribution amount that, over the long term, matches the fund's total distributions paid to its total return. Investors should not draw any conclusions about a fund's past or future investment performance from its current distribution rate or from the terms of its Managed Distribution Policy.

- Actual returns likely will differ from projected long-term returns, (and therefore a fund's distribution rate, also), at least over shorter time periods. Over a specific timeframe, a fund's net asset value will increase (if returns exceed distributions), or decrease (if distributions exceed returns), by the difference between actual returns and total distributions.
- A return of capital is a non-taxable distribution of a portion of the fund's capital. When a fund's returns exceed distributions, return of capital may represent portfolio gains earned, but not realized as a taxable capital gain. In periods when a fund's returns fall short of distributions, it will represent a portion of the investors' original principal unless the shortfall is offset during other time periods over the life of the investment (previous or subsequent) when the fund's total return exceeds distributions.

- For additional information about managed distributions, please see [Understanding Managed Distributions](#).

The following dates apply to today's declarations:

Record Date **December 15, 2022**
Ex-Dividend Date **December 14, 2022**
Payable Date **December 30, 2022**

<u>Ticker</u>	<u>Exchange</u>	<u>Fund Name</u>	<u>Monthly Distribution Per Share</u>	
			<u>Amount</u>	<u>Change From Previous Month</u>
		<u>Real Assets</u>		
JRI	NYSE	Nuveen Real Asset Income and Growth Fund	\$0.0965	-
		<u>National Municipal</u>		
NDMO	NYSE	Nuveen Dynamic Municipal Opportunities Fund	\$0.0765	-
		<u>Taxable Fixed Income-Multi-Sector</u>		
NPCT	NYSE	Nuveen Core Plus Impact Fund	\$0.1030	-

Information regarding each fund's last 19(a) Distribution Notice (as of October 31, 2022) is also included below. This informational notice provides further details on the sources of fund distributions. The full text of this notice is also available on the Nuveen website via [Distribution Source Estimates](#).

The following tables provide estimates of each fund's distribution sources, reflecting year-to-date cumulative experience through the month-end prior to the latest distribution. The funds attribute these estimates equally to each regular distribution throughout the year. Consequently, the estimated information as of the specified month-end shown below is for the current distribution, and also represents an updated estimate for all prior months in the year. For all funds, it is estimated that the funds have distributed more than their income and net realized capital gains; therefore, a portion of their distributions may be (and is shown below as being estimated to be) a return of capital. A return of capital may occur, for example, when some or all of the money that you invested in the Fund is paid back to you. A return of capital distribution does not necessarily reflect the Fund's investment performance and should not be confused with "yield" or "income."

The amounts and sources of distributions reported in this 19(a) Notice are only estimates and are not being provided for tax reporting purposes. The actual amounts and sources of the amounts for tax reporting purposes will depend upon each Fund's investment experience during the remainder of the fiscal year and may be subject to changes based on tax regulations. Each Fund will send you a Form 1099-DIV for the calendar year that will tell you how to report distributions for federal income tax purposes. More details about each Fund's distributions and the basis for these estimates are available on www.nuveen.com/cef.

Data as of 10/31/2022

	Current Month					Fiscal YTD					Estimated Percentages of Distribution ¹			
	Estimated Sources of Distribution					Estimated Sources of Distribution								
	Per Share Distribution	LT NII	ST Gains	Return of Capital		Per Share Distribution	LT NII	ST Gains	Return of Capital		LT NII	ST Gains	Return of Capital	
NDMO (FYE 10/31)	.0765	0.0417	0.0000	0.0000	0.0348	0.9180	0.5004	0.0000	0.0000	0.4176	54.5%	0.0%	0.0%	45.5%
JRI (FYE 12/31)	.0965	0.0610	0.0000	0.0000	0.0355	0.9650	0.6102	0.0000	0.0000	0.3548	63.2%	0.0%	0.0%	36.8%
NPCT (FYE 12/31)	.1030	0.0592	0.0000	0.0000	0.0438	1.0300	0.5915	0.0000	0.0000	0.4385	57.4%	0.0%	0.0%	42.6%

Net investment income (NII) and capital gain amounts are as of the stated month-end date above.

The following tables provides information regarding each fund's distributions and total return performance over various time periods. This information is intended to help you better understand whether returns for the specified time periods were sufficient to meet distributions.

Data as of 10/31/2022

	Inception Date	Monthly Distribution	Fiscal YTD Distribution	NAV	Annualized		Cumulative	
					5-Year Return on NAV ²	Fiscal YTD Distribution Rate on NAV ¹	Fiscal YTD Return on NAV	Fiscal YTD Distribution Rate on NAV ¹
NDMO (FYE 10/31)	Aug-2020	.0765	.9180	10.35	-10.31%	8.87%	-28.77%	8.87%
JRI (FYE 12/31)	Apr-2012	.0965	.9650	13.19	-0.58%	8.78%	-19.32%	7.32%
NPCT (FYE 12/31)	Apr-2021	.1030	1.0300	11.66	-24.88%	10.60%	-36.33%	8.83%

¹As a percentage of 10/31/2022 NAV.

²NPCT and NDMO 5 year return figure reflects the annualized since inception return on NAV

Quarterly Managed Distributions

The goal of each fund's managed distribution program is to provide shareholders relatively consistent and predictable cash flow by systematically converting expected long-term return potential into regular distributions. Historical distribution sources have included net investment income, realized gains and return of capital. If a distribution includes anything other than net investment income, the fund provides a notice of the best estimate of its distribution sources at that time which may be viewed at www.nuveen.com/CEFdistributions. These estimates may not match the final tax characterization contained in shareholders' 1099-DIV forms after the end of the year.

Under a Managed Distribution policy, Nuveen closed-end funds seek to maintain a stable regular distribution amount that, over the long term, matches the fund's total distributions paid to its total return. Investors should not draw any conclusions about a fund's past or future investment performance from its current distribution rate or from the terms of its Managed Distribution Policy.

- Actual returns likely will differ from projected long-term returns, (and therefore a fund's distribution rate, also), at least over shorter time periods. Over a specific timeframe, a fund's net asset value will increase (if returns exceed distributions), or decrease (if distributions exceed returns), by the difference between actual returns and total distributions.
- A return of capital is a non-taxable distribution of a portion of the fund's capital. When a fund's returns exceed distributions, return of capital may represent portfolio gains earned, but not realized as a taxable capital gain. In periods when a fund's returns fall short of distributions, it will represent a portion of the investors' original principal unless the shortfall is offset during other time periods over the life of the investment (previous or subsequent) when the fund's total return exceeds distributions.
- For additional information about managed distributions, please see [Understanding Managed Distributions](#).

The following dates apply to today's declarations:

Record Date **December 15, 2022**
Ex-Dividend Date **December 14, 2022**
Payable Date **December 30, 2022**

<u>Ticker</u>	<u>Exchange</u>	<u>Fund Name</u>	<u>Quarterly Distribution Per Share</u>	
			<u>Amount</u>	<u>Change From Previous Quarter</u>
		<u>Domestic Equity</u>		
JCE	NYSE	Nuveen Core Equity Alpha Fund	\$0.3952	-
		<u>Covered Call</u>		
DIAX	NYSE	Nuveen Dow 30 SM Dynamic Overwrite Fund	\$0.2867	-
BXMX	NYSE	Nuveen S&P 500 Buy-Write Income Fund	\$0.2365	-
QQQX	NASDAQ	Nuveen NASDAQ 100 Dynamic Overwrite Fund	\$0.4934	-
SPXX	NYSE	Nuveen S&P 500 Dynamic Overwrite Fund	\$0.2940	-
		<u>Real Assets</u>		
JRS	NYSE	Nuveen Real Estate Income Fund	\$0.2090	-
		<u>Multi-Asset</u>		
NMAI	NYSE	Nuveen Multi-Asset Income Fund	\$0.3500	-

Information regarding each fund's last 19(a) Distribution Notice (as of August 31, 2022) is also included below. This informational notice provides further details on the sources of fund distributions. The full text of this notice is also available on the Nuveen website via [Distribution Source Estimates](#).

The following table provides estimates of the Funds' distribution sources, reflecting year-to-date cumulative experience through the month-end prior to the latest distribution. The Funds attribute these estimates equally to each regular distribution throughout the year. Consequently, the estimated information as of the specified month-end shown below is for the current distribution, and also represents an updated estimate for all prior months in the year. It is estimated that JRS, QQQX, SPXX and

DIAX have distributed more than their income and net realized capital gains; therefore, a portion of the distributions may be (and is shown below as being estimated to be) a return of capital. A return of capital may occur, for example, when some or all of the money that you invested in the Fund is paid back to you. A return of capital distribution does not necessarily reflect the Fund's investment performance and should not be confused with "yield" or "income."

The amounts and sources of distributions reported in this 19(a) Notice are only estimates and are not being provided for tax reporting purposes. The actual amounts and sources of the amounts for tax reporting purposes will depend upon each Fund's investment experience during the remainder of the fiscal year and may be subject to changes based on tax regulations. Each Fund will send you a Form 1099-DIV for the calendar year that will tell you how to report distributions for federal income tax purposes. More details about each Fund's distributions and the basis for these estimates are available on www.nuveen.com/cef.

Data as of 8/31/2022

	Current Quarter					Fiscal YTD					Estimated Percentages of Distribution ¹			
	Per Share Distribution	Estimated Sources of Distribution			Return of Capital	Per Share Distribution	Estimated Sources of Distribution			Return of Capital	Estimated Percentages of Distribution ¹			
		NII	LT Gains	ST Gains			NII	LT Gains	ST Gains		NII	Gains	Gains	Capital
JRS (FYE 12/31)	.2090	0.0362	0.0000	0.1005	0.0723	0.6270	0.1086	0.0000	0.3014	0.2170	17.3%	0.0%	48.1%	34.6%
QQQX (FYE 12/31)	.4934	0.0001	0.0815	0.2341	0.1778	1.4802	0.0002	0.2444	0.7022	0.5334	0.0%	16.5%	47.4%	36.0%
SPXX (FYE 12/31)	.2940	0.0302	0.0255	0.0669	0.1713	0.8820	0.0907	0.0766	0.2008	0.5139	10.3%	8.7%	22.8%	58.3%
BXMX (FYE 12/31)	.2365	0.0215	0.0632	0.1518	0.0000	0.7095	0.0644	0.1897	0.4554	0.0000	9.1%	26.7%	64.2%	0.0%
DIAX (FYE 12/31)	.2867	0.0537	0.0252	0.0836	0.1242	0.8601	0.1612	0.0755	0.2508	0.3726	18.7%	8.8%	29.2%	43.3%
JCE (FYE 12/31)	.3952	0.0199	0.0000	0.3753	0.0000	1.1856	0.0598	0.0000	1.1258	0.0000	5.0%	0.0%	95.0%	0.0%
NMAI (FYE 12/31)	.3500	0.1306	0.2194	0.0000	0.0000	1.0500	0.3919	0.6581	0.0000	0.0000	37.3%	62.7%	0.0%	0.0%

¹ Net investment income (NII) is a projection through the end of the current calendar quarter using actual data through the stated month-end date above. Capital gain amounts are as of the stated date above. JRS owns REIT securities which attribute their distributions to various sources including NII, gains, and return of capital. The estimated per share sources above include an allocation of the NII based on prior year attributions which can be expected to differ from the actual final attributions for the current year.

The following table provides information regarding distributions and total return performance over various time periods. This information is intended to help you better understand whether returns for the specified time periods were sufficient to meet distributions.

Data as of 8/31/2022

	Inception Date	Quarterly Distribution	Fiscal YTD Distribution	NAV	Annualized		Cumulative	
					5-Year Return on NAV ²	Fiscal YTD Distribution Rate on NAV ¹	Fiscal YTD Return on NAV	Fiscal YTD Distribution Rate on NAV ¹
JRS (FYE 12/31)	Nov-2001	.2090	.6270	9.78	4.72%	8.55%	-23.18%	6.41%
QQQX (FYE 12/31)	Jan-2007	.4934	1.4802	22.45	7.37%	8.79%	-21.15%	6.59%
SPXX (FYE 12/31)	Nov-2005	.2940	.8820	15.55	6.20%	7.56%	-13.89%	5.67%
BXMX (FYE 12/31)	Oct-2004	.2365	.7095	13.03	5.11%	7.26%	-11.80%	5.45%
DIAX (FYE 12/31)	Apr-2005	.2867	.8601	15.73	4.25%	7.29%	-10.04%	5.47%
JCE (FYE 12/31)	Mar-2007	.3952	1.1856	13.95	7.66%	11.33%	-15.17%	8.50%
NMAI (FYE 12/31)	Nov-2021	.3500	1.0500	15.53	-17.66%	9.01%	-19.20%	6.76%

¹As a percentage of 8/31/2022 NAV.

²NMAI 5 year return figure reflects the annualized since inception return on NAV

Nuveen is a leading sponsor of closed-end funds (CEFs) with \$54 billion of assets under management across 56 CEFs as of 30 Sep 2022. The funds offer exposure to a broad range of asset classes and are designed for income-focused investors seeking regular distributions. Nuveen has more than 35 years of experience managing CEFs. For more information, please visit Nuveen's CEF homepage www.nuveen.com/closed-end-funds or contact:

Financial Professionals:
800-752-8700

Investors:
800-257-8787

Media:
media-inquiries@nuveen.com

About Nuveen

Nuveen, the investment manager of TIAA, offers a comprehensive range of outcome-focused investment solutions designed to secure the long-term financial goals of institutional and individual investors. Nuveen has \$1.1 trillion in assets under management as of 30 Sep 2022 and operations in 27 countries. Its investment specialists offer deep expertise across a comprehensive range of traditional and alternative investments through a wide array of vehicles and customized strategies. For more information, please visit www.nuveen.com.

Nuveen Securities, LLC, member FINRA and SIPC.

The information contained on the Nuveen website is not a part of this announcement.

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