

2024 TAX INFORMATION LETTER

Nuveen Municipal Closed-End Funds

National Funds:

NVG	Nuveen AMT-Free Municipal Credit Income Fund
NUW	Nuveen AMT-Free Municipal Value Fund
NEA	Nuveen AMT-Free Quality Municipal Income Fund
NDMO	Nuveen Dynamic Municipal Opportunities Fund
NZF	Nuveen Municipal Credit Income Fund
NMCO	Nuveen Municipal Credit Opportunities Fund
NMZ	Nuveen Municipal High Income Opportunity Fund
NMI	Nuveen Municipal Income Fund, Inc.
NUV	Nuveen Municipal Value Fund, Inc.
NAD	Nuveen Quality Municipal Income Fund
NIM	Nuveen Select Maturities Municipal Fund
NXP	Nuveen Select Tax-Free Income Portfolio

State-Specific Funds:

NAZ	Nuveen Arizona Quality Municipal Income Fund
NKX	Nuveen California AMT-Free Quality Municipal Income Fund
NCA	Nuveen California Municipal Value Fund
NAC	Nuveen California Quality Municipal Income Fund
NXC	Nuveen California Select Tax-Free Income Portfolio
NMT	Nuveen Massachusetts Quality Municipal Income Fund
NMS	Nuveen Minnesota Quality Municipal Income Fund
NOM	Nuveen Missouri Quality Municipal Income Fund
NXJ	Nuveen New Jersey Quality Municipal Income Fund
NRK	Nuveen New York AMT-Free Quality Municipal Income Fund
NNY	Nuveen New York Municipal Value Fund
NAN	Nuveen New York Quality Municipal Income Fund
NXN	Nuveen New York Select Tax-Free Income Portfolio
NQP	Nuveen Pennsylvania Quality Municipal Income Fund
NPV	Nuveen Virginia Quality Municipal Income Fund

Federally Exempt Interest Dividends

All interest income dividends paid in the 2024 calendar year by each fund listed above that are designated as Exempt Interest Dividends are entirely exempt from regular federal individual income taxes (“federally Exempt Interest Dividends”). Although federally Exempt Interest Dividends are not subject to regular federal taxation, these dividends must be reported on your 2024 federal income tax return. The amount of federally Exempt Interest Dividends will be reported on your Form 1099-DIV and 2024 year-end closed-end fund account statement.

Information Regarding Alternative Minimum Tax

A portion of the federally Exempt Interest Dividends paid by the funds in 2024 was from private activity municipal bonds, which are generally higher yielding than comparable bonds. The private activity municipal bond interest portion of these dividends may be subject to the federal Alternative Minimum Tax (“AMT”) for some investors.

The tables below (Table A & Table C) provide the percentage of federally Exempt Interest Dividends paid by the funds during 2024 (assuming shares of your fund were held for the entire 2024 calendar year) to be included as a preference item in calculating the federal AMT. ***Your tax advisor can provide you with more detailed information regarding federal AMT, which only affects certain investors.***

Information Specific to Shareholders of State Specific Funds

State tax laws vary with regard to state and local taxation of federally Exempt Interest Dividends. Many states provide that interest on all home state municipal bonds are not subject to state and local taxes. Other states do not provide for tax exemption on federally Exempt Interest Dividends earned on home state bonds if the bonds are owned indirectly through an investment in a regulated investment company. Further, other states, such as Wisconsin, limit the tax exemption on federally Exempt Interest Dividends to certain specified home state bonds. Additionally, in many states the federally Exempt Interest Dividends that are derived from interest on bonds issued by U.S. Territories and U.S. Possessions are exempt from state and local taxes.

The following Table A provides the percentage of federally Exempt Interest Dividend income earned by each Nuveen state specific municipal closed-end fund during 2024 (assuming shares of your fund were held for the entire 2024 calendar year) in its home jurisdiction, in U.S. Territories and Possessions, and other states in which these funds had investments.

Depending on your state tax laws, this information may be used in determining the dividend amount that may be exempt from your state and/or local income taxes. You should be aware that some states require a minimum percentage of home state bonds to permit the state tax exemption. ***Consult your tax advisor to determine whether such interest is exempt from your state and/or local taxes.***

Table A: AMT percentages and sources of income for state-specific municipal funds

Nuveen Fund	Primary State%	U.S. Territories and Possessions%	Other States %	Total %	AMT%
NAC	94.51%	5.49%	0.00%	100.00%	16.62%
NAN	93.19%	6.81%	0.00%	100.00%	15.51%
NAZ	93.68%	6.32%	0.00%	100.00%	3.17%
NCA	96.38%	3.62%	0.00%	100.00%	13.59%
NKX	91.57%	8.32%	0.11%	100.00%	0.00%
NMS	99.59%	0.41%	0.00%	100.00%	5.90%
NMT	92.27%	7.73%	0.00%	100.00%	0.00%
NNY	94.40%	5.60%	0.00%	100.00%	14.18%
NOM	97.03%	2.97%	0.00%	100.00%	9.14%
NPV	86.38%	10.81%	2.81%	100.00%	16.34%
NQP	98.44%	1.56%	0.00%	100.00%	5.02%
NRK	93.20%	6.80%	0.00%	100.00%	0.00%
NXC	97.33%	2.67%	0.00%	100.00%	9.94%
NXJ	98.06%	1.94%	0.00%	100.00%	14.87%
NXN	94.25%	5.75%	0.00%	100.00%	15.17%

Information Specific to Indiana Shareholders:

Any interest earned from a direct obligation of the State of Indiana or a political subdivision of the State of Indiana is exempt from Indiana state income tax. Interest earned from a direct obligation of a state or political subdivision other than Indiana is subject to Indiana state income tax if the obligation is acquired after December 31, 2011. Interest earned from obligations held or acquired prior to December 31, 2011 is exempt from Indiana income tax. The State of Indiana has clarified in 2023 that if the interest is earned through a regulated investment company, the taxpayer will be considered to have acquired the obligation on the date that the regulated investment company acquired the obligation.

Table A and Table C provide the percentage of federally exempt-interest dividends included on box 12 of your 2024 Form 1099-DIV that is from obligations of a state or political subdivision other than Indiana and was acquired by the Fund after December 31, 2011, making it subject to Indiana state income tax. The remaining portion of box 12 is exempt from Indiana state income tax as it relates to direct obligations of Indiana, a US territory, or municipal securities acquired prior to January 1, 2012.

Additional information to help you prepare your 2024 Indiana state income tax returns will be available in mid to late January on the Nuveen website at www.nuveen.com/en-us/investments/tax-information-forms-and-applications#closed-end-funds.

Information Specific to Massachusetts Shareholders:

As of January 1, 2022, Massachusetts adopted the Internal Revenue Code in effect on January 1, 2022. Please consult your tax advisor regarding how this change affects your investment in the Funds.

Information Specific to Minnesota Shareholders:

The state of Minnesota requires each fund to notify shareholders of the amount of federally Exempt Income Dividends that are not exempt from Minnesota income tax. Table B below shows the percentage of federally Exempt Income Dividends received from each Minnesota fund (assuming shares of your fund were held for the entire 2024 calendar year) that must be included in Minnesota taxable income.

TABLE B

PERCENTAGE OF FEDERALLY EXEMPT INTEREST DIVIDENDS EARNED THAT IS NOT EXEMPT FROM MINNESOTA INCOME TAX
NMS
0.00%

Information Specific to Tennessee Shareholders:

Tennessee repealed its tax on dividend and interest income for all tax periods beginning on or after January 1, 2021. Please consult your tax advisor regarding how this change affects your investment in the Funds.

Information Specific to Utah Shareholders:

Utah generally limits the tax exemption on federally Exempt Interest Dividends to Utah home state bonds, interest derived on bonds issued by U.S. Territories and Possessions, interest derived on bonds issued by most non-federal-government entities outside of Utah purchased prior to January 1, 2003, and/or interest derived on bonds issued by states that don't impose an income tax on Utah municipal bonds.

Additional information to help you prepare your 2024 Utah state income tax returns will be available in mid to late January on the Nuveen website at www.nuveen.com/en-us/investments/tax-information-forms-and-applications#closed-end-funds.

Information Specific to Shareholders of National Funds:

The following Table C provides the percentage of federally Exempt Interest Dividend income earned by each Nuveen national municipal closed-end fund during 2024 (assuming shares of your fund were held for the entire 2024 calendar year) and each of the various states and U.S. Territories and Possessions in which these funds had investments. Depending on your state tax laws, this information may be used in determining the dividend amount that may be exempt from your state and/or local income taxes. You should be aware that some states require a minimum percentage of home state bonds to permit the state tax exemption. ***Consult your tax advisor to determine whether such interest is exempt from your state and/or local taxes.***

Table C: AMT percentages and sources of income for national municipal funds

State	NAD	NDMO	NEA	NIM	NMCO	NMI	NMZ
AL	1.04%	4.56%	0.79%	1.49%	3.16%	1.99%	1.83%
AK	0.08%	0.00%	0.00%	0.32%	0.69%	0.00%	0.00%
AZ	1.71%	4.22%	1.15%	1.44%	1.88%	4.36%	2.39%
AR	0.49%	1.31%	0.02%	0.31%	1.43%	0.43%	0.54%
CA ¹	7.37%	5.07%	3.85%	9.56%	4.87%	4.40%	8.69%
CO	8.81%	17.09%	9.35%	4.24%	10.33%	12.59%	13.15%
CT	0.61%	0.41%	0.38%	1.03%	0.28%	0.00%	0.15%
DE	0.28%	0.07%	0.09%	0.22%	0.00%	0.09%	0.20%
DC	1.69%	1.21%	2.77%	1.40%	2.72%	0.06%	0.63%
FL	6.89%	14.12%	4.76%	4.71%	15.96%	12.62%	14.82%
GA	1.66%	0.93%	2.78%	1.08%	0.85%	2.16%	0.41%
GQ*	0.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	0.70%	0.03%	0.07%	1.00%	0.10%	0.84%	0.28%
ID	0.62%	0.09%	0.46%	0.44%	0.91%	0.57%	0.19%
IL	9.09%	4.31%	11.20%	9.75%	7.81%	9.99%	8.45%
IN	0.68%	2.30%	1.73%	1.93%	0.98%	2.77%	0.87%
IA	0.48%	0.48%	0.65%	0.28%	0.31%	0.45%	0.54%
KS	0.38%	0.01%	0.39%	0.12%	1.02%	0.00%	0.07%
KY	0.35%	0.78%	0.54%	1.13%	1.10%	0.00%	1.25%
LA	2.15%	0.95%	1.10%	2.54%	1.11%	1.79%	1.00%
ME	0.25%	0.04%	0.45%	0.20%	0.00%	0.00%	0.00%
MD	4.62%	0.02%	0.86%	0.85%	0.53%	0.02%	0.71%
MA	0.30%	0.06%	1.41%	0.97%	0.38%	0.00%	0.27%
MI	1.95%	1.15%	5.61%	1.99%	0.92%	0.04%	1.60%
MN ¹	1.81%	1.48%	3.47%	1.00%	0.55%	1.81%	0.65%
MS	0.49%	0.08%	0.07%	0.35%	0.21%	0.97%	0.04%
MO	3.23%	0.64%	3.18%	0.55%	0.73%	3.01%	1.23%
MT	0.26%	0.19%	0.33%	0.42%	0.00%	0.00%	0.00%
NE	0.09%	0.72%	0.60%	0.97%	0.00%	0.67%	0.23%
NV	0.50%	0.02%	1.62%	0.27%	0.03%	0.41%	0.04%
NH	0.27%	0.40%	0.08%	1.23%	0.30%	0.00%	0.02%
NJ	3.07%	0.16%	4.49%	4.47%	1.66%	1.54%	0.98%
NM	0.25%	1.38%	0.10%	0.15%	0.12%	0.00%	0.37%
NY	6.50%	12.72%	6.16%	4.95%	7.45%	4.83%	6.26%
NC	0.86%	0.10%	1.78%	1.99%	0.00%	2.41%	0.17%
ND	0.14%	0.00%	0.62%	1.21%	0.05%	0.10%	0.27%
OH	2.46%	0.74%	2.71%	6.61%	4.42%	2.65%	3.17%
OK	0.29%	0.07%	0.24%	2.20%	0.69%	0.72%	1.30%
OR	1.58%	0.07%	1.71%	1.20%	0.38%	0.06%	0.01%
PA	3.40%	2.90%	3.47%	3.90%	2.20%	3.66%	0.99%
RQ*	1.56%	2.40%	1.36%	3.14%	5.45%	1.87%	6.75%
RI	0.23%	0.00%	0.82%	0.37%	0.00%	0.00%	0.23%
SC	3.24%	0.59%	2.39%	1.08%	0.20%	1.22%	1.10%
SD	0.48%	0.00%	0.86%	0.17%	0.00%	0.29%	0.00%
TN	1.09%	1.42%	0.87%	1.11%	1.33%	0.69%	1.37%
TX	8.86%	6.38%	6.62%	7.34%	3.32%	7.43%	4.53%
VQ*	0.22%	0.42%	0.05%	0.00%	1.65%	0.37%	0.94%
UT	1.09%	0.74%	0.27%	0.29%	0.72%	0.41%	0.51%
VT	0.00%	0.00%	0.21%	0.00%	0.00%	0.00%	0.00%
VA	1.38%	0.84%	0.28%	0.96%	1.01%	2.21%	2.35%
WA	1.90%	1.07%	2.25%	2.19%	0.09%	1.95%	0.58%
WV	0.21%	0.99%	0.36%	0.50%	0.53%	1.28%	0.33%
WI	1.99%	4.27%	2.62%	3.71%	10.57%	4.27%	7.45%
WY	0.00%	0.00%	0.00%	0.24%	0.00%	0.00%	0.09%
Other**	0.00%	0.00%	0.00%	0.43%	0.00%	0.00%	0.00%
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
AMT %	20.66%	25.06%	0.00%	17.96%	22.21%	12.20%	16.41%

* Certain states have special exemptions for income earned from tax-free municipal securities issued in that state and/or U.S. territory. Please consult your tax advisor or state tax agency about the specific rules in your state.

** Percentage of federally exempt income reported in this category is from Freddie Mac Multifamily. Please consult your tax advisor to determine whether such interest is exempt from your state and/or local taxes.

¹ Certain states require mutual funds to meet investment thresholds before a shareholder can exempt distributions attributable to their home state. In 2024, none of the funds listed above satisfied the thresholds imposed by California or Minnesota.

Table C: AMT percentages and sources of income for national municipal funds

NUV	NUW	NVG	NXP	NZF	State
0.30%	0.46%	1.48%	0.19%	0.59%	AL
0.48%	0.06%	0.24%	0.00%	0.14%	AK
1.64%	1.51%	1.43%	3.00%	0.90%	AZ
0.00%	0.00%	0.42%	0.46%	0.85%	AR
6.87%	13.53%	7.16%	16.88%	11.98%	CA ¹
5.55%	4.33%	6.01%	9.22%	4.26%	CO
0.51%	0.00%	2.21%	2.14%	0.13%	CT
0.01%	0.07%	0.14%	0.00%	0.00%	DE
1.77%	0.49%	2.77%	1.88%	0.45%	DC
6.25%	4.00%	2.92%	4.14%	6.17%	FL
3.13%	2.43%	2.22%	1.13%	1.46%	GA
0.00%	0.00%	0.15%	1.32%	0.05%	GQ*
0.30%	0.00%	0.05%	1.11%	0.08%	HI
0.02%	0.00%	0.84%	4.10%	0.04%	ID
11.76%	9.10%	15.20%	8.79%	14.85%	IL
1.37%	0.45%	1.56%	1.27%	0.53%	IN
0.00%	0.00%	0.80%	0.17%	0.67%	IA
0.00%	0.00%	0.28%	0.00%	0.31%	KS
1.67%	3.22%	1.38%	0.18%	0.65%	KY
0.64%	0.00%	0.82%	0.34%	1.07%	LA
0.82%	0.94%	0.73%	0.00%	0.13%	ME
1.29%	3.79%	1.14%	0.01%	0.88%	MD
0.41%	0.00%	1.44%	4.31%	0.08%	MA
3.10%	1.37%	1.65%	1.25%	0.89%	MI
0.17%	0.74%	1.17%	0.78%	1.32%	MN ¹
0.00%	0.00%	0.25%	0.00%	0.00%	MS
0.22%	0.00%	1.35%	2.80%	1.17%	MO
0.51%	0.21%	0.29%	0.00%	0.00%	MT
0.78%	0.18%	0.55%	1.32%	0.24%	NE
1.95%	3.58%	0.62%	0.54%	0.14%	NV
0.00%	0.00%	0.76%	0.14%	0.22%	NH
4.45%	6.37%	3.35%	4.83%	4.22%	NJ
0.00%	0.00%	0.11%	0.84%	0.00%	NM
8.71%	6.65%	5.40%	3.15%	11.15%	NY
0.85%	0.72%	0.30%	0.15%	0.17%	NC
0.08%	0.00%	1.59%	0.00%	1.58%	ND
4.11%	5.67%	5.04%	0.15%	5.84%	OH
1.20%	0.28%	0.69%	0.98%	1.70%	OK
0.74%	0.00%	0.07%	2.72%	0.22%	OR
1.39%	4.45%	2.99%	1.35%	4.16%	PA
1.88%	3.61%	4.36%	2.71%	4.84%	RQ*
0.00%	0.00%	1.77%	0.00%	0.13%	RI
2.73%	2.18%	1.67%	0.16%	2.08%	SC
0.13%	0.00%	0.21%	0.12%	0.12%	SD
1.31%	3.52%	1.06%	1.05%	0.49%	TN
13.83%	9.92%	7.67%	8.04%	7.73%	TX
0.00%	0.00%	0.18%	0.26%	0.00%	VQ*
1.10%	0.66%	0.41%	0.21%	0.03%	UT
0.00%	0.00%	0.05%	0.00%	0.00%	VT
0.75%	1.20%	0.97%	0.00%	2.21%	VA
4.04%	3.03%	0.59%	4.72%	1.13%	WA
0.60%	1.28%	0.21%	0.00%	0.22%	WV
0.58%	0.00%	3.16%	1.09%	1.69%	WI
0.00%	0.00%	0.12%	0.00%	0.04%	WY
0.00%	0.00%	0.00%	0.00%	0.00%	Other**
100.00%	100.00%	100.00%	100.00%	100.00%	Total
6.31%	0.00%	0.00%	14.47%	20.27%	AMT%