

2022 TAX INFORMATION LETTER

Nuveen Municipal Mutual Funds

National Funds:

MAPS	Municipal Total Return Managed Accounts Portfolio
AA	Nuveen All-American Municipal Bond Fund
NHYF	Nuveen High Yield Municipal Bond Fund
NMBF	Nuveen Intermediate Duration Municipal Bond Fund
LT	Nuveen Limited Term Municipal Bond Fund
NSDHY	Nuveen Short Duration High Yield Municipal Bond Fund
FSTF	Nuveen Short Term Municipal Bond Fund
NSMO	Nuveen Strategic Municipal Opportunities Fund

State-Specific Funds:

NFAZ	Nuveen Arizona Municipal Bond Fund
NCHY	Nuveen California High Yield Municipal Bond Fund
NCASP	Nuveen California Municipal Bond Fund
CO	Nuveen Colorado Municipal Bond Fund
CT	Nuveen Connecticut Municipal Bond Fund
GA	Nuveen Georgia Municipal Bond Fund
KS	Nuveen Kansas Municipal Bond Fund
KY	Nuveen Kentucky Municipal Bond Fund
LA	Nuveen Louisiana Municipal Bond Fund
NMDV	Nuveen Maryland Municipal Bond Fund
NTFM	Nuveen Massachusetts Municipal Bond Fund
NFMI	Nuveen Michigan Municipal Bond Fund
FMNI	Nuveen Minnesota Intermediate Municipal Bond Fund
FMN	Nuveen Minnesota Municipal Bond Fund
MO	Nuveen Missouri Municipal Bond Fund
FNE	Nuveen Nebraska Municipal Bond Fund
NFNJ	Nuveen New Jersey Municipal Bond Fund
NM	Nuveen New Mexico Municipal Bond Fund
NFNY	Nuveen New York Municipal Bond Fund
NC	Nuveen North Carolina Municipal Bond Fund
NFOH	Nuveen Ohio Municipal Bond Fund
FORI	Nuveen Oregon Intermediate Municipal Bond Fund
NFPA	Nuveen Pennsylvania Municipal Bond Fund
NFVA	Nuveen Virginia Municipal Bond Fund
WI	Nuveen Wisconsin Municipal Bond Fund

Federally Exempt Interest Dividends

All interest income dividends paid in the 2022 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 2022 federal income tax return. The amount of federally Exempt Interest Dividends will be reported on your Form 1099-DIV and 2022 year-end mutual fund account statement.

Information Regarding Alternative Minimum Tax

A portion of the federally Exempt Interest Dividends paid by the funds in 2022 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 2022 (assuming shares of your fund were held for the entire 2022 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 mutual fund during 2022 (assuming shares of your fund were held for the entire 2022 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.***

Nuveen Fund	Primary State %	U.S. Territories and Possessions%	Other States %	Total %	AMT%
NFAZ	93.02%	6.98%	0.00%	100.00%	2.95%
NCHY	88.68%	9.40%	1.92%	100.00%	4.85%
NCASP	95.69%	4.31%	0.00%	100.00%	13.50%
CO	98.95%	1.05%	0.00%	100.00%	4.02%
CT	93.97%	5.82%	0.21%	100.00%	4.63%
GA	98.91%	1.09%	0.00%	100.00%	1.12%
KS	62.28%	23.83%	13.89%	100.00%	7.34%
KY	97.15%	2.85%	0.00%	100.00%	6.23%
LA	84.26%	7.20%	8.54%	100.00%	6.99%
NMDV	82.62%	10.60%	6.78%	100.00%	4.59%
NTFM	91.94%	7.90%	0.16%	100.00%	5.21%
NFMI	96.67%	3.33%	0.00%	100.00%	0.81%
FMNI	99.48%	0.52%	0.00%	100.00%	2.84%
FMN	97.45%	2.55%	0.00%	100.00%	5.34%
MO	97.44%	2.56%	0.00%	100.00%	8.95%
FNE	89.01%	9.11%	1.88%	100.00%	4.76%
NFNJ	97.74%	2.26%	0.00%	100.00%	14.37%
NM	84.80%	12.20%	3.00%	100.00%	2.32%
NFNY	95.70%	4.30%	0.00%	100.00%	14.28%
NC	96.90%	3.10%	0.00%	100.00%	3.43%
NFOH	97.89%	2.11%	0.00%	100.00%	3.53%
FORI	93.08%	6.92%	0.00%	100.00%	3.24%
NFPA	99.14%	0.86%	0.00%	100.00%	5.60%
NFVA	85.42%	11.54%	3.04%	100.00%	13.69%
WI	81.59%	10.89%	7.52%	100.00%	2.04%

Information Specific to Indiana Shareholders:

Indiana generally limits the tax exemption on federally Exempt Interest Dividends to Indiana home state bonds, interest derived on bonds issued by U.S. Territories and Possessions and/or interest from municipal bonds from another state or political subdivision acquired before January 1, 2012.

Additional information to help you prepare your 2022 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#mutual-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 fund (assuming shares of your fund were held for the entire 2022 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							
MAPS	AA	NHYF	NMBF	LT	NSDHY	FSTF	NSMO
100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
FMNI	FMN						
0.00%	0.00%						

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 2022 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#mutual-funds.

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 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 Shareholders of National Funds:

The following Table C provides the percentage of federally Exempt Interest Dividend income earned by each Nuveen national municipal mutual fund during 2022 (assuming shares of your fund were held for the entire 2022 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	MAPS	AA	NHYF	NMBF	LT	NSDHY	FSTF	NSMO
AL	0.88%	1.07%	1.21%	1.98%	2.12%	1.39%	5.20%	2.15%
AK	0.82%	0.11%	0.00%	0.03%	1.07%	0.12%	0.02%	0.20%
AZ	1.44%	1.95%	2.69%	1.49%	2.04%	2.88%	3.27%	2.12%
AR	0.53%	0.53%	0.37%	0.72%	0.61%	0.37%	0.00%	0.88%
CA	8.48%	14.05%	11.97%	5.05%	4.27%	5.78%	2.22%	8.30%
CO	4.29%	5.07%	9.70%	2.77%	1.97%	5.61%	5.78%	13.78%
CT	1.23%	0.48%	0.12%	1.34%	2.04%	0.55%	0.63%	0.30%
DE	0.13%	0.19%	0.13%	0.18%	0.45%	0.10%	0.00%	0.22%
DC	2.41%	0.58%	1.22%	1.47%	0.83%	0.06%	1.46%	0.69%
FL	11.02%	9.34%	14.29%	6.30%	6.32%	17.45%	5.37%	13.46%
GA	0.93%	0.66%	1.20%	1.75%	1.90%	1.31%	1.42%	1.29%
GQ	0.01%	0.11%	0.01%	0.09%	0.04%	0.12%	0.00%	0.26%
HI	1.00%	0.13%	0.16%	0.72%	0.64%	0.52%	0.09%	0.00%
ID	1.17%	0.22%	0.27%	0.51%	0.81%	0.52%	0.35%	0.31%
IL	5.81%	7.92%	8.26%	12.69%	10.06%	7.71%	6.04%	4.11%
IN	5.42%	1.61%	0.75%	2.86%	2.58%	0.63%	1.08%	0.95%
IA	0.48%	0.28%	0.87%	0.91%	0.37%	1.11%	1.47%	0.50%
KS	1.27%	0.11%	0.39%	0.52%	0.25%	0.99%	0.23%	0.38%
KY	0.29%	0.91%	0.30%	1.74%	2.54%	0.43%	2.44%	0.82%
LA	1.97%	1.42%	0.86%	2.56%	4.69%	1.21%	1.73%	1.68%
ME	0.06%	0.08%	0.03%	0.62%	0.20%	0.43%	0.00%	0.00%
MD	1.29%	0.59%	1.55%	1.50%	1.55%	1.46%	0.33%	1.03%
MA	1.62%	2.14%	0.31%	1.32%	1.37%	0.20%	2.25%	0.92%
MI	1.66%	0.98%	0.95%	2.11%	1.74%	0.78%	1.29%	0.89%
MN	0.81%	1.01%	0.82%	0.92%	0.79%	1.25%	8.00%	1.10%
MS	0.77%	0.33%	0.04%	0.34%	0.77%	0.18%	0.13%	0.18%
MO	1.78%	2.48%	1.06%	0.72%	1.42%	0.89%	4.16%	0.66%
MT	0.69%	0.20%	0.02%	0.55%	0.52%	0.05%	0.05%	0.00%
NE	1.07%	0.40%	0.08%	1.10%	0.62%	0.14%	0.67%	0.00%
NV	0.96%	0.71%	1.34%	0.57%	0.46%	0.94%	0.87%	1.03%
NH	0.53%	0.55%	0.08%	0.46%	0.36%	0.27%	0.02%	0.46%
NJ	3.08%	2.75%	1.35%	4.83%	4.51%	1.55%	5.99%	1.42%
NM	0.17%	0.06%	0.19%	0.48%	0.64%	0.08%	1.04%	0.18%
NY	5.04%	14.01%	7.18%	5.99%	7.89%	4.63%	2.82%	12.89%
NC	1.89%	0.23%	0.19%	0.46%	0.64%	0.09%	1.70%	0.42%
ND	0.52%	0.35%	0.11%	0.84%	0.67%	0.11%	0.75%	0.00%
OH	2.69%	1.63%	3.14%	3.01%	3.87%	3.23%	2.29%	2.98%
OK	0.60%	0.38%	0.28%	1.94%	3.41%	0.51%	0.44%	0.18%
OR	0.21%	0.35%	0.17%	0.97%	1.11%	0.16%	0.77%	0.26%
PA	3.23%	3.75%	2.01%	5.65%	4.93%	3.71%	1.17%	3.92%
RQ	0.00%	2.35%	6.74%	3.56%	4.20%	13.46%	1.06%	3.77%
RI	0.40%	0.00%	0.23%	1.05%	0.53%	0.09%	0.00%	0.00%
SC	1.03%	0.70%	1.04%	0.96%	1.08%	0.26%	1.21%	1.07%
SD	0.82%	0.09%	0.04%	0.13%	0.21%	0.00%	0.40%	0.25%
TN	0.80%	3.90%	1.12%	1.58%	1.29%	0.74%	1.51%	0.66%
TX	11.88%	5.99%	4.54%	4.81%	3.71%	6.92%	10.73%	6.24%
VQ	0.00%	0.07%	1.04%	0.00%	0.00%	1.01%	0.59%	0.28%
UT	1.83%	0.95%	0.52%	0.14%	0.17%	0.92%	1.85%	0.54%
VT	0.26%	0.00%	0.00%	0.07%	0.02%	0.13%	0.00%	0.00%
VA	1.39%	1.32%	1.31%	2.42%	1.03%	0.66%	2.36%	1.42%
WA	0.84%	1.62%	1.12%	2.48%	2.08%	0.74%	2.34%	1.22%
WV	0.39%	0.44%	0.24%	0.10%	0.61%	0.24%	0.22%	0.71%
WI	2.02%	2.85%	6.38%	1.87%	1.57%	5.25%	4.17%	2.92%
WY	0.09%	0.00%	0.01%	0.77%	0.43%	0.06%	0.02%	0.00%
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
AMT %	14.98%	17.66%	13.82%	14.22%	15.01%	15.55%	24.78%	16.62%