NUVEEN FUNDS

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IRA ASSET TRANSFER FORM (A CLASS ONLY)

Page 1 of 11

You should use this IRA Asset Transfer Form to transfer assets from your current IRA custodian or retirement plan custodian to an IRA with Nuveen Funds. Be sure to complete the IRA New Account Form/Adoption Agreement if you are opening a new IRA with Nuveen Funds. Upon receipt of this form, we will contact your current custodian to arrange the transfer. Please complete a separate IRA transfer form for each different type of account being transferred. You should also use this form to convert Traditional IRA assets from your current custodian to a Nuveen Funds Roth Conversion IRA. You must also complete a Roth IRA Conversion Form.

By signing this form, investor(s) acknowledges that neither Nuveen Funds nor any affiliate or service provider to Nuveen Funds has provided the investor(s) with advice, recommendations, or suggestions as to any specific investment decisions. Investors in Nuveen Funds are urged to consult their own professional advisors before making investment-related decisions, including but not limited to those related to transfer or rollover from retirement plans, purchase or sale of investments, selection or retention of investment managers, or selection of account beneficiaries.

Send your signed and completed form to Nuveen Funds per the Return Completed Forms section below or in the enclosed customer reply envelope. Please contact Nuveen Funds with any questions at 800-257-8787.

1. ACCOL	UNT REGISTE	RATION (F	REQUIRED)								
Owner's Nam	ne (Please print o	or type)										
Prefix	First Name				MI	Lá	ast Name	!				
Name of Ent	tity											
complete the	ansferring and es e Nuveen Funds ccount Form/Ado	Legal Entity option Agree	Beneficial Ow ment required	vnership Certi d to establish	fication Form			-			_	-
Account Nur	mher		Social Securit	ty Number/ tification Num	her	D	ate of Bi	rth (mm/d	d/\\\\\)			
									/ [
Nonresident No	n-U.S. Citizens: Enter	your Social Sec	curity Number/In	dividual Taxpayer	Identification Nun	nber						
Address Stre	eet or P.O. Box (AF	PO and FPO add	dresses will be a	ccepted)	City					State	Zip (Code
Address (If th	ne above address is a	a P.O. Box, you n	nust also provide	e a street address	s) City					State	Zip (Code
Primary Pho	ne Number I	Phone Numb	per Type		Secondary P	hon	ne Numbe	er Pho	ne Nur	mber Ty	pe	
		Mobile	Home	Business					Mobile	e H	Home	Business
Alternate Ph	one Number I	Phone Numb	oer Type		Email Addres	SS						
		Mobile	Home	Business								
2. FOR IN	NHERITED AC	CCOUNTS	ONLY									
Decedent's N	Name				Decedent's Se	ocia	I Security	/ Number	De	cedent'	s PIN (Nu	uveen clients only)
Decedent's [Date of Birth (mm	n/dd/yyyy)	Decedent's	Date of Deat	th (mm/dd/yyyy)							
(Continued)												

TFDT A11745 (11/25)



2. FOR INHERITED ACCOUNTS ONLY (CONTINUED)

Please identify your beneficiary relationship with the original owner of the IRA/Roth IRA in order to open an account. Please select below only **one** beneficiary type. If you need further guidance, contact your tax advisor. **Note:** If: (i) you received your inherited IRA from a decedent who passed away on or before December 31, 2019, and you opted to receive distributions over your life, or (ii) you are a beneficiary type marked by an asterisk (*) and you received your inherited IRA from a decedent who passed away after December 31, 2019, you must additionally complete the Required Minimum Distributions for the Beneficiary section below.

The SECURE Act modified the Internal Revenue Code definition of a retirement account beneficiary as well as the distribution rules a beneficiary must follow when distributing assets from an inherited retirement account. This in turn impacts when an inherited retirement account is considered abandoned under a state's unclaimed property law. As a result, we need to confirm your beneficiary type in the relation to the original owner from whom you inherited the retirement account. To prevent your inherited retirement account from being considered abandoned, we recommend you maintain regular contact with Nuveen by either periodically logging in to your account or contacting customer service.

BENEFICIARY TYPE SELECTION (REQUIRED)

Please select one:	
INHERITING DIRECTLY FROM THE ORIGINAL DECEASED OWNER:	
First Generation Non-Designated Beneficiary* (1st Gen NDB) States beneficiary (estate, charity, non-see-through trust).	Select this option if the inherited IRA is being transferred to an entity
	1st Gen EDB-Sole Spouse) Select this option if you are a sole spouse ating the IRA as your own, skip this section and see the Remaining
First Generation Eligible Designated Minor Beneficiary of Deceis for a minor (under the age of 21) who is a direct descendent	ased Owner* (1st Gen EDB-Minor) Select this option if the inherited IRA (son or daughter) of the deceased shareholder.
	en DB) Select this option if you are eligible for Life Expectancy payments and beneficiary less than 10 years younger than original account owner).
First Generation Designated Beneficiary Select this option if yo of deceased, child over the age of 21).	u are not eligible for Life Expectancy (sibling of deceased, grandchild
INHERITING FROM A BENEFICIARY (NOT THE ORIGINAL DECEASED	OWNER):
The previous beneficiary:	
First Name	Last Name
Date of Birth (mm/dd/yyyy) Date of Death (mm/dd/yy	yy)
	Eligible Designated Sole Spouse Beneficiary* (2 nd or > Gen EDB-Sole eater beneficiary when the first generation beneficiary was an Eligible
	Eligible Designated Minor of Deceased Owner* (2 nd or > Gen EDB- ter beneficiary when the first generation beneficiary was a minor wner.
	Eligible Designated Beneficiary – Other* (2 nd or > Gen EDB-Other) eficiary when the first generation beneficiary was eligible for Life ect decedent of the original account owner.
	a Designated Beneficiary (2nd or > Gen DB) Select this option if you eneration beneficiary was a designated beneficiary who was not eligible



3. CURRENT CUSTODIAN	
Please confirm the address below with your current custodian. Nuveen to initiate the transfer process. Please attach a copy of your current sta	
Name of Current Custodian	Account Representative (if applicable)
Address	
City	State Zip Code
4. SOURCE OF MONEY BEING TRANSFERRED	
Please check the box that corresponds to the source of money now be you. (Please note: If you are converting a Traditional IRA from your curr this section. Go to Section 5.)	ring transferred. Nuveen Funds will establish the same type of IRA for ent custodian to a Nuveen Funds Roth Conversion IRA, do not complete
Traditional Contributory IRA Roth Contributory IRA	Roth Conversion IRA Inherited Traditional IRA
Inherited Roth IRA IRA Qualified Retirement Plan	Rollover IRA (Established only with funds received from a retirement plan distribution)
5. FEDERAL TAX WITHHOLDING ELECTION (CHECK	ONE)
(For Conversions Only) Important income tax information: In accorda tax purposes unless you complete a substitute federal W-4R Withholdi Distributions. These rules do not apply to nonresident, non-U.S. citize	ng Certificate for Nonperiodic Payments and Eligible Rollover
If you desire federal withholding, please check the box below to agree	e to voluntary withholding:
I hereby notify Nuveen that I will provide a federal form W-4R With entering a rate between 0% and 100% on such form.	holding Certificate, and I will voluntarily elect federal withholding by
I understand that if I do not complete and submit a federal form W-4F Nuveen will not withhold amounts for federal tax.	Withholding Certificate to Nuveen with this transactional form,
Generally, you are not permitted to elect to have federal income tax widelivered outside of the United States and its territories.	thheld at a rate of less than 10% (including 0%) on payments to be

NOTE: If you are a nonresident, non-U.S. citizen, you must check the box below.

Notwithstanding the above, as a nonresident, non-U.S. citizen, I understand that special withholding rules apply to a conversion of my Traditional IRA to a Roth IRA unless rules from a relevant income tax treaty apply.

STATE TAX WITHHOLDING

State income tax withholding may be required from your distribution. If state withholding is mandatory, we will withhold at the rate required by your state. Please note that the state may allow you to elect not to have withholding applied, to choose additional withholding, or to specify the rate of withholding. Please contact Nuveen Funds with any questions at **800-257-8787**.



6. ASSET TRANSFER INSTRUCTIONS

List the assets you are transferring to Nuveen Funds. We will contact your current custodian to arrange the transfer. If you are transferring assets from more than two funds, check the box at the end of this section and attach additional transfer instructions.

Mutual Fund	Mutual Fund Name	Account No	umber	
	Liquidation in Full Partial Liquidation of \$		OR	% of Account
Mutual Fund	Mutual Fund Name	Account No	umber	
	Liquidation in Full Partial Liquidation of \$		OR	% of Account
Certificate of	Deposit (CD) CD Account Number			
			,	/ 2 0
	Immediately ¹ Liquidate upon Maturity ² Maturity Date		ront cuctor	dian to varify whather the
¹ Some institu penalty appl ² We must reco	tions charge a withdrawal penalty for early liquidation of a CD. ies to you. eive this form at least 15 days (but not more than one month)	. Check with your cur		·
¹ Some institu penalty appl ² We must reco	tions charge a withdrawal penalty for early liquidation of a CD. ies to you. eive this form at least 15 days (but not more than one month) counts (other than for Mutual Funds or Certificates of Deposit) Account	. Check with your cur		·
¹ Some institu penalty appl ² We must reco Brokerage Acc	tions charge a withdrawal penalty for early liquidation of a CD. ies to you. eive this form at least 15 days (but not more than one month) counts (other than for Mutual Funds or Certificates of Deposit) Account in Full Liquidate Only the Following Assets Quant	Check with your cur prior to the maturity Number	date of th	·
¹ Some institu penalty appl ² We must reco Brokerage Acc Liquidatio Description of	tions charge a withdrawal penalty for early liquidation of a CD. ies to you. eive this form at least 15 days (but not more than one month) counts (other than for Mutual Funds or Certificates of Deposit) Account in Full Liquidate Only the Following Assets Assets (Partial transfers only) Quant (Indicate)	Check with your cur prior to the maturity Number	date of th	e CD.



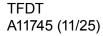
7. INVESTMENT ALLOCATION

Please indicate the funds in which you are investing. If you are investing in an existing Nuveen Funds IRA, please fill in your IRA Fund Account number. If you would like to invest in multiple existing IRAs, please attach a separate sheet with the additional information. If you are establishing a **new IRA**, please check the box indicating that this is a new account. Note: If you are opening a new fund within an existing account with the allocations given below, please check the box for acknowledgment in the signature section.¹

Account Number

Existing Nuveen Funds IRA Acc	ount Number		New IRA Acco	ount ¹	
Please check here to set this a	llocation for futu	ıre investments ι	unless other instructions are received.		
A CLASS					
FUND NAME (FUND CODE)	AMOUNT	PERCENT	FUND NAME (FUND CODE)	AMOUNT	PERCENT
Nuveen 5-15 Year Laddered Tax Exempt Bond Fund (98)	\$		% Nuveen Equity Index Fund (65)	\$	%
Nuveen All-American Municipal Bond Fund (1167)	\$		% Nuveen Equity Long/Short Fund (5044)	\$	%
Nuveen Arizona Municipal Bond Fund (5002)	\$		% Nuveen Flexible Income Fund (5052)	\$	
Nuveen Bond Index Fund (91)	\$		% Nuveen Floating Rate Income Fund (5064)	\$	%
Nuveen California High Yield Municipal Bond Fund (1780)	\$		% Nuveen Georgia Municipal Bond Fund (5006)	\$	%
Nuveen California Municipal Bond Fund (5003)	\$		% Nuveen Global Dividend Growth Fund (3037)	\$	%
Nuveen Colorado Municipal Bond Fund (5004)	\$		% Nuveen Global Equity Income Fund (1759)	\$	%
Nuveen Connecticut Municipal Bond Fund (5005)	\$		% Nuveen Global Infrastructure Fund (6725)	\$	%
Nuveen Core Bond Fund (66)	\$		% Nuveen Global Real Estate Securities Fund (7270)	\$	%
Nuveen Core Equity Fund (64)	\$		% Nuveen Green Bond Fund (2608)	\$	%
Nuveen Core Impact Bond Fund (45)	\$		% Nuveen High Yield Fund (95)	\$	
Nuveen Core Plus Bond Fund (96)	\$		% Nuveen High Yield Income Fund (5055)	\$	%
Nuveen Credit Income Fund (6942)	\$		% Nuveen High Yield Municipal Bond Fund (5000)	\$	
Nuveen Dividend Growth Fund (5031)	\$		% Nuveen Inflation Linked Bond Fund (90)	\$	%
Nuveen Dividend Value Fund (6759)	\$		% Nuveen Intermediate Duration Municipal Bond Fund (1170)	\$	
Nuveen Emerging Markets Debt Fund (2794)	\$		% Nuveen International Bond Fund (2957)	\$	<u> </u>
Nuveen Emerging Markets Equity Fund (67)	\$		% Nuveen International Equity Fund (61)	\$	%
Nuveen Emerging Markets Equity Index Fund (69)	\$		% Nuveen International Opportunities Fund (49)	\$	%

 $^{^{\}dagger\dagger}$ Effective 7/1/25 Mid Cap Value 1 Fund was renamed to Nuveen Mid Cap Value Opportunities Fund. (Continued)





^{*} Effective 12/13/24 the Nuveen Social Choice Low Carbon Equity Fund merged into Nuveen Large Cap Responsible Equity Fund.

^{**} Effective 2/28/25 the following name change was made: Nuveen Mid Cap Growth Opportunities Fund was renamed Nuveen Small/Mid Cap Growth Opportunities Fund.

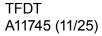
[†] Effective 3/1/25 Nuveen Mid Cap Growth Fund was renamed to Nuveen Quant Mid Cap Growth Fund.

7. INVESTMENT ALLOCATION (CONTINUED)

A CLASS					
FUND NAME (FUND CODE)	AMOUNT	PERCENT	FUND NAME (FUND CODE)	AMOUNT	PERCENT
Nuveen International Responsible Equity Fund (2762)	\$	%	Nuveen Minnesota Intermediate Municipal Bond Fund (6804)	\$	%
Nuveen International Value Fund (1159)	\$	%	Nuveen Minnesota Municipal Bond Fund (6484)	\$	%
Nuveen Kansas Municipal Bond Fund (5007)	\$] [] %	Nuveen Missouri Municipal Bond Fund (1186)	\$	%
Nuveen Kentucky Municipal Bond Fund (5008)	\$	%	Nuveen Money Market Fund (63)	\$	%
Nuveen Large Cap Growth Fund (68)	\$	%	Nuveen Multi Cap Value Fund (1157)	\$	%
Nuveen Large Cap Responsible Equity Fund (62)*	\$	%	Nuveen Nebraska Municipal Bond Fund (5022)	\$	%
Nuveen Large Cap Select Fund (2605)	\$	%	Nuveen New Jersey Municipal Bond Fund (5013)	\$	<u> </u>
Nuveen Large Cap Value Fund (85)	\$	%	Nuveen New Mexico Municipal Bond Fund (5014)	\$	%
Nuveen Large Cap Value Opportunities Fund (5034)	\$	%	Nuveen New York Municipal Bond Fund (5015)	\$	%
Nuveen Lifecycle Retirement Income Fund (70)	\$	%	Nuveen North Carolina Municipal Bond Fund (5016)	\$	<u> </u>
Nuveen Lifestyle Aggressive Growth Fund (94)	\$	%	Nuveen Ohio Municipal Bond Fund (5017)	\$	%
Nuveen Lifestyle Conservative Fund (78)	\$	%	Nuveen Oregon Intermediate Municipal Bond Fund (6779)	\$	%
Nuveen Lifestyle Growth Fund (93)	\$	%	Nuveen Pennsylvania Municipal Bond Fund (5018)	\$	%
Nuveen Lifestyle Income Fund (77)	\$	%	Nuveen Preferred Securities and Income Fund (5040)	\$	%
Nuveen Lifestyle Moderate Fund (79)	\$	%	Nuveen Quant International Small Cap Equity Fund (2966)	\$	%
Nuveen Limited Term Municipal Bond Fund (5001)	\$	%	Nuveen Quant Mid Cap Growth Fund (86)†	\$	%
Nuveen Louisiana Municipal Bond Fund (5009)	\$	%	Nuveen Quant Small Cap Equity Fund (88)	\$	%
Nuveen Managed Allocation Fund (99)	\$	%	Nuveen Quant Small/Mid Cap Equity Fund (2956)	\$	%
Nuveen Maryland Municipal Bond Fund (5010)	\$	%	Nuveen Real Asset Income Fund (6732)	\$	%
Nuveen Massachusetts Municipal Bond Fund (5011)	\$	%	Nuveen Real Estate Securities Fund (817)	\$	%
Nuveen Michigan Municipal Bond Fund (5012)	\$	%	Nuveen Real Estate Securities Select Fund (89)	\$	%
Nuveen Mid Cap Value Opportunities Fund (6786)††	\$	%	Nuveen Short Duration High Yield Municipal Bond Fund (5026)	\$	%
Nuveen Mid Cap Value Fund (87)	\$		Nuveen Short Duration Impact Bond Fund (2609)	\$	%

^{*} Effective 12/13/24 the Nuveen Social Choice Low Carbon Equity Fund merged into Nuveen Large Cap Responsible Equity Fund.

 $^{^{\}dagger\dagger}$ Effective 7/1/25 Mid Cap Value 1 Fund was renamed to Nuveen Mid Cap Value Opportunities Fund. (Continued)





^{**} Effective 2/28/25 the following name change was made: Nuveen Mid Cap Growth Opportunities Fund was renamed Nuveen Small/Mid Cap Growth Opportunities Fund.

 $^{^\}dagger\,$ Effective 3/1/25 Nuveen Mid Cap Growth Fund was renamed to Nuveen Quant Mid Cap Growth Fund.

7. INVESTMENT ALLOCATION (CONTINUED)

A CLASS					
FUND NAME (FUND CODE)	AMOUNT	PERCENT	FUND NAME (FUND CODE)	AMOUNT	PERCENT
Nuveen Short Term Bond Fund (97)	\$		% Nuveen Small Cap Value Fund (6740)	\$	%
Nuveen Short Term Bond Index Fund (2797)	\$		% Nuveen Small Cap Value Opportunities Fund (5028)	\$	%
Nuveen Short Term Municipal Bond Fund (5024)	\$		% Nuveen Small/Mid Cap Growth Opportunities Fund (6449)**	\$	<u> </u>
Nuveen Small Cap Growth Opportunities Fund (2454)	\$		% Nuveen Small/Mid Cap Value Fund (5037)	\$	%
Nuveen Small Cap Select Fund (5061)	\$		% Total Amount or Percentage	\$	%



^{*} Effective 12/13/24 the Nuveen Social Choice Low Carbon Equity Fund merged into Nuveen Large Cap Responsible Equity Fund.

^{**} Effective 2/28/25 the following name change was made: Nuveen Mid Cap Growth Opportunities Fund was renamed Nuveen Small/Mid Cap Growth Opportunities Fund.

 $^{^\}dagger\,$ Effective 3/1/25 Nuveen Mid Cap Growth Fund was renamed to Nuveen Quant Mid Cap Growth Fund.

 $^{^{\}dagger\dagger}$ Effective 7/1/25 Mid Cap Value 1 Fund was renamed to Nuveen Mid Cap Value Opportunities Fund.

Generally, you are not permitted to elect to have federal income tax withheld at a rate of less than 10% (including 0%) on payments to be delivered outside of the United States and its territories.

I am providing a substitute federal form W-4R Withholding Certificate for Nonperiodic Payments and Eligible Rollover Distributions.

I am choosing to have no federal income tax withheld by entering "-0-" on line 2.

If you are a nonresident, non-U.S. citizen, you must certify your foreign tax status by providing IRS Form W-8BEN prior to requesting a distribution. A W-8BEN is maintained on file for a three-year period.

STATE TAX WITHHOLDING

State income tax withholding may be required from your distribution. If state withholding is mandatory, we will withhold at the rate required by your state. Please note that the state may allow you to elect not to have withholding applied, to choose additional withholding, or to specify the rate of withholding. Please contact Nuveen Funds with any questions at **800-257-8787**.



9. REQUIRED MINIMUM DISTRIBUTIONS FOR THE BENEFICIARY

(See section 8 on page 6 for the definition of RMD Applicable Age to learn how this section applies to you.)

If: (i) you received your inherited IRA from a decedent who passed away on or before December 31, 2019, and you opted to receive distributions over your life, or (ii) you are a beneficiary type marked by an asterisk (*) in Section 2 above and you received your inherited IRA from a decedent who passed away after December 31, 2019, RMDs from the inherited IRA are based on a measuring life as required by federal tax law.

RMD amounts paid to you are nonperiodic distributions that are non-rollover eligible. Please use the selections below to choose withholding on your RMD amounts.

NonPeriodic Distributions That are non-rollover eligible (CHECK ONE) I hereby notify Nuveen that I decline to provide a substitute federal form W-4R Withholding Certificate for Nonperiodic Payments and Eligible Rollover Distributions. I understand that federal withholding will be withheld at the default rate of 10%. I am providing a substitute federal form W-4R Withholding Certificate for Nonperiodic Payments and Eligible Rollover Distributions. I am making a federal withholding election as indicated on my substitute federal form W-4R Withholding Certificate by entering a rate between 0% and 100% on line 2. I am providing a substitute federal form W-4R Withholding Certificate for Nonperiodic Payments and Eligible Rollover Distributions. I am choosing to have no federal income tax withheld by entering "-0-" on line 2.

Generally, you are not permitted to elect to have federal income tax withheld at a rate of less than 10% (including 0%) on payments to be delivered outside of the United States and its territories.

If you are a nonresident, non-U.S. citizen, you must certify your foreign tax status by providing IRS Form W-8BEN prior to requesting a distribution. A W-8BEN is maintained on file for a three-year period.

STATE TAX WITHHOLDING

State income tax withholding may be required from your distribution. If state withholding is mandatory, we will withhold at the rate required by your state. Please note that the state may allow you to elect not to have withholding applied, to choose additional withholding, or to specify the rate of withholding. Please contact Nuveen Funds with any questions at **800-257-8787**.



10. SIGNATURE

I hereby authorize this transfer to the Nuveen Funds IRA as indicated on this form.

To request assistance with accessing a prospectus, privacy policy, or business continuity policy please contact us at 800-257-8787.

For your protection, Nuveen may require additional verification of your identity before accepting your transaction as in good order. You agree that your transaction will be valued as of the market close on the business day that all of the steps necessary to verify your identity and the transaction to be in good order have been completed. You also agree that in the event these steps are completed after the market close on a business day, then your transaction will be valued as of the market close on the next business day. The amount of money that you receive will depend on the share or unit price on the day on which your transaction is deemed to be in good order. Due to market fluctuations, the price of your shares or units you ultimately receive could be less than the share or unit price when you initiated this transaction. It is also possible that if we are unable to reach you to verify this transaction within 5 days, this transaction may be canceled.

If I am a nonresident, non-citizen of the United States, I acknowledge that the below tax certifications do not apply to me. I have provided Nuveen with an IRS Form W-8BEN within the last three years or will submit a W-8BEN prior to requesting a distribution from this account. I acknowledge that I must have a W-8BEN on file to request a distribution.

Substitute W-9 Request for Taxpayer Identification Number and Certification

Under penalties of perjury, I certify that: (1) The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and (2) I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and (3) I am a U.S. citizen or other U.S. person (as defined in the form W-9 instructions); and (4) the FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

The Internal Revenue Service does not require your consent to any provision of this document other than the certifications required to avoid backup withholding (as detailed in the box above).

PLEASE SIGN HERE

Owner's or Authorized Signer's Signature (exactly as it appears in Section 1)	Today's Date (mm/dd/yyyy)
	/ / 2 0



11. MEDALLION SIGNATURE GUARANTEE

Your current custodian may require a medallion signature guarantee in order to process the transfer. Please check with your custodian before sending us this Asset Transfer Form.**

12. UMB BANK, N.A. AUTHORIZATION (FOR OFFICE USE ONLY)

(UMB Bank, n.a. will complete this section.) UMB Bank, n.a. hereby represents that it has established for the above-named individual a Nuveen Funds IRA that qualifies under Section 408 or Section 408A of the Internal Revenue Code, and will apply the proceeds of the above-described IRA Asset Transfer to such IRA upon receipt.

Instructions to Custodian: Send redemption proceeds by check to: Nuveen Funds P.O. Box 219140 Kansas City, MO 64121-9140

UMB Bank, n.a. Authorized Signature	Today's Date (mm/dd/yyyy)				Reference Number								
				/			/	2	0)			

RETURN COMPLETED FORM(S) TO:

Please return ALL numbered pages, including any pages you did not need to complete.

STANDARD MAIL: OVERNIGHT:

Nuveen Funds
P.O. Box 219140

OVERNIGHT:

Nuveen Funds
801 Pennsylvania Ave

Kansas City, MO 64121-9140 Suite 219140

Kansas City, MO 64105-1307



^{**}A medallion signature guarantee is not the same as a notarized signature. You must obtain a medallion signature guarantee from a bank or trust company, savings bank, savings and loan association, or a member of a national stock exchange which participates in the medallion signature guarantee program. A notary public is a not an acceptable guarantor.



SUBSTITUTE FORM W-4R FOR CASH WITHDRAWALS

IMPORTANT INFORMATION

PLEASE **READ BEFORE** FILLING OUT FORM

This substitute form W-4R applies to non-rollover eligible payments that are nonperiodic and rollover-eligible payments.

Federal laws may require mandatory federal income tax be withheld from cash withdrawals. Our records indicate that you are a U.S. person (U.S. citizen or resident non-U.S. citizen), and may, therefore, be subject to federal tax withholding from your cash distribution. If you claim residence AND citizenship outside the United States, you must complete Form W-8BEN instead of this form W-4R to certify your foreign tax status. U.S. citizens living abroad, except in any U.S. territories, must elect to have taxes withheld. Distributions from retirement plans are subject to a federal default withholding rate depending on the type of payment. If you want the federal default rate applied, you do not need to submit this form as the federal default rate will be applied automatically. If you want a rate other than the federal default rate for either a non-periodic payment or an eligible rollover distribution or want no withholding on a non-periodic payment, please submit this form.





SUBSTITUTE FORM W-4R FOR CASH WITHDRAWALS

Page 1 of 2

1. PROVIDE YOUR STEP 1A.	INFORMATION		
Title	First Name		Middle Initial
Last Name			Suffix
Mailing Address		City	State Zip Code
Contact Telephone Numb	per Extension		
STEP 1B.	STEP 1C.		
Social Security Number/			
Taxpayer Identification N	umber Account Number		



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WITHHOLDING CERTIFICATE FOR NONPERIODIC PAYMENTS AND ELIGIBLE ROLLOVER DISTRIBUTIONS

SUBSTITUTE FORM W-4R FOR CASH WITHDRAWALS

Page 2 of 2

Your withholding rate is determined by the type of payment you will receive.

- For nonperiodic payments, the default withholding rate is 10%. You can choose to have a different rate by entering a rate between 0% and 100% on line 2. Generally, you can't choose less than 10% for payments to be delivered outside the United States and its territories.
- For an eligible rollover distribution, the default withholding rate is 20%. You can choose a rate greater than 20% by entering the rate on line 2. You may not choose a rate less than 20%.

line 2. You may not choose a rate less than 20%.	
See IRS Form W-4R Withholding Certificate for Nonperiodic Payments and Eligible Rollover Distributions form for more information.	utions Instructions attached at the end of
STEP 2	
Complete this line if you would like a rate of withholding that is different from the default withhold Withholding Certificate for Nonperiodic Payments and Eligible Rollover Distributions Instructions a the end of this form for additional information.	_
Enter the rate as a whole number (no decimals)	Line 2
STEP 3. YOUR SIGNATURE	
The form will become effective with your next available payment. You may revoke this election at a withholding election form with Nuveen	ny time by filing a new federal income tax
Under penalties of perjury, I certify that: (1) The number shown on this form is my correct taxpayer for a number to be issued to me); and (2) I am not subject to backup withholding because: (a) I (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup with all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup with other U.S. person; and (4) the FATCA code(s) entered on this form (if any) indicating that I am expectations are considered in the contraction of t	am exempt from backup withholding, or ithholding as a result of a failure to report hholding; and (3) I am a U.S. citizen or
Please sign your full legal name with suffix, if applicable, using black ink.	
Your Signature	Today's Date (mm/dd/yyyy)





SUBSTITUTE FORM W-4R FOR CASH WITHDRAWALS

OPTIONS TO RETURN COMPLETED FORM(S)

Please return ALL numbered pages, including any pages you did not need to complete.

STANDARD MAIL:

Nuveen Funds
P.O. Box 219140

Kansas City, MO 64121-9140

OVERNIGHT:

Nuveen Funds
801 Pennsylvania Ave
Suite 219140

Kansas City, MO 64105-1307





SUBSTITUTE FORM W-4R FOR CASH WITHDRAWALS

IRS FORM W-4R WITHHOLDING CERTIFICATE FOR NONPERIODIC PAYMENTS AND ELIGIBLE ROLLOVER DISTRIBUTIONS INSTRUCTIONS

GENERAL INSTRUCTIONS

Section references are to the Internal Revenue Code.

Future developments. For the latest information about any future developments related to Form W-4R, such as legislation enacted after it was published, go to *www.irs.gov/FormW4R*.

Purpose of form. Complete Form W-4R to have payers withhold the correct amount of federal income tax from your nonperiodic payment or eligible rollover distribution from an employer retirement plan, annuity (including a commercial annuity), or individual retirement arrangement (IRA). See page 2 for the rules and options that are available for each type of payment. Don't use Form W-4R for periodic payments (payments made in installments at regular intervals over a period of more than 1 year) from these plans or arrangements. Instead, use Form W-4P, Withholding Certificate for Periodic Pension or Annuity Payments. For more information on withholding, see Pub. 505, Tax Withholding and Estimated Tax.

Caution:If you have too little tax withheld, you will generally owe tax when you file your tax return and may owe a penalty unless you make timely payments of estimated tax. If too much tax is withheld, you will generally be due a refund when you file your tax return. Your withholding choice (or an election not to have withholding on a nonperiodic payment) will generally apply to any future payment from the same plan or IRA. Submit a new Form W-4R if you want to change your election.

2025 MARGINAL RATE TABLES

You may use these tables to help you select the appropriate withholding rate for this payment or distribution. Add your income from all sources and use the column that matches your filing status to find the corresponding rate of withholding. See page 2 for more information on how to use this table.

•	or Married eparately		ling jointly or urviving spouse	Head of Household			
Total income over—	Tax rate for every dollar more			Total income over—	Tax rate for every dollar more		
\$0	0%	\$0	0%	\$0	0%		
15,000	10%	30,000	10%	22,500	10%		
26,925	12%	53,850	12%	39,500	12%		
63,475	22%	126,950	22%	87,350	22%		
118,350	24%	236,700	24%	125,850	24%		
212,300	32%	424,600	32%	219,800	32%		
265,525	35%	531,050	35%	273,000	35%		
641,350*	37%	781,600	37%	648,850	37%		

st If married filing separately, use \$390,800 instead for this 37% rate.

For Privacy Act and Paperwork Reduction Act Notice, see page 3.

Nonperiodic payments—10% withholding. Your payer must withhold at a default 10% rate from the taxable amount of nonperiodic payments unless you enter a different rate on line 2. Distributions from an IRA that are payable on demand are treated as nonperiodic payments. Note that the default rate of withholding may not be appropriate for your tax situation. You may choose to have no federal income tax withheld by entering "-0-" on line 2. See the specific instructions below for more information. Generally, you are not permitted to elect to have federal income tax withheld at a rate of less than 10% (including "-0-") on any payments to be delivered outside the United States and its territories.

Note: If you don't give Form W-4R to your payer, you don't provide an SSN, or the IRS notifies the payer that you gave an incorrect SSN, then the payer must withhold 10% of the payment for federal income tax and can't honor requests to have a lower (or no) amount withheld. Generally, for payments that began before 2025, your current withholding election (or your default rate) remains in effect unless you submit a Form W-4R.



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WITHHOLDING CERTIFICATE FOR NONPERIODIC PAYMENTS AND ELIGIBLE ROLLOVER DISTRIBUTIONS

SUBSTITUTE FORM W-4R FOR CASH WITHDRAWALS

GENERAL INSTRUCTIONS (CONTINUED)

Eligible rollover distributions—20% withholding. Distributions you receive from qualified retirement plans (for example, 401(k) plans and section 457(b) plans maintained by a governmental employer) or tax-sheltered annuities that are eligible to be rolled over to an IRA or qualified plan are subject to a 20% default rate of withholding on the taxable amount of the distribution. You can't choose withholding at a rate of less than 20% (including "-0-"). Note that the default rate of withholding may be too low for your tax situation. You may choose to enter a rate higher than 20% on line 2. Don't give Form W-4R to your payer unless you want more than 20% withheld.

Note that the following payments are **not** eligible rollover distributions for purposes of these withholding rules:

- Qualifying "hardship" distributions;
- Distributions required by federal law, such as required minimum distributions;
- Distributions from a pension-linked emergency savings account;
- Eligible distributions to a domestic abuse victim;
- Qualified disaster recovery distributions;
- Qualified birth or adoption distributions; and
- Emergency personal expense distributions.

See Pub. 505 for details. See also Nonperiodic payments—10% withholding above.

Payments to nonresident aliens and foreign estates. Do not use Form W-4R. See Pub. 515, Withholding of Tax on Nonresident Aliens and Foreign Entities, and Pub. 519, U.S. Tax Guide for Aliens, for more information.

Tax relief for victims of terrorist attacks. If your disability payments for injuries incurred as a direct result of a terrorist attack are not taxable, enter "-0-" on line 2. See Pub. 3920, Tax Relief for Victims of Terrorist Attacks, for more details.

SPECIFIC INSTRUCTIONS

Line 1b

For an estate, enter the estate's employer identification number (EIN) in the area reserved for "Social security number."

Line 2

More withholding. If you want more than the default rate withheld from your payment, you may enter a higher rate on line 2.

Less withholding (nonperiodic payments only). If permitted, you may enter a lower rate on line 2 (including "-0-") if you want less than the 10% default rate withheld from your payment. If you have already paid, or plan to pay, your tax on this payment through other withholding or estimated tax payments, you may want to enter "-0-".

Suggestion for determining withholding. Consider using the Marginal Rate Tables on page 1 to help you select the appropriate withholding rate for this payment or distribution. The tables are most accurate if the appropriate amount of tax on all other sources of income, deductions, and credits has been paid through other withholding or estimated tax payments. If the appropriate amount of tax on those sources of income has not been paid through other withholding or estimated tax payments, you can pay that tax through withholding on this payment by entering a rate that is greater than the rate in the Marginal Rate Tables.

The marginal tax rate is the rate of tax on each additional dollar of income you receive above a particular amount of income. You can use the table for your filing status as a guide to find a rate of withholding for amounts above the total income level in the table.

To determine the appropriate rate of withholding from the table, do the following. Step 1: Find the rate that corresponds with your total income not including the payment. Step 2: Add your total income and the taxable amount of the payment and find the corresponding rate.

If these two rates are the same, enter that rate on line 2. (See *Example 1* below.)

If the two rates differ, multiply (a) the amount in the lower rate bracket by the rate for that bracket, and (b) the amount in the higher rate bracket by the rate for that bracket. Add these two numbers; this is the expected tax for this payment. To get the rate to have withheld, divide this amount by the taxable amount of the payment. Round up to the next whole number and enter that rate on line 2. (See *Example 2* below.)





SUBSTITUTE FORM W-4R FOR CASH WITHDRAWALS

SPECIFIC INSTRUCTIONS (CONTINUED)

If you prefer a simpler approach (but one that may lead to overwithholding), find the rate that corresponds to your total income including the payment and enter that rate on line 2.

Examples. Assume the following facts for *Examples 1 and 2*. Your filing status is single. You expect the taxable amount of your payment to be \$20,000. Appropriate amounts have been withheld for all other sources of income and any deductions or credits.

Example 1. You expect your total income to be \$65,000 without the payment. Step 1: Because your total income without the payment, \$65,000, is greater than \$63,475 but less than \$118,350, the corresponding rate is 22%. Step 2: Because your total income with the payment, \$85,000, is greater than \$63,475 but less than \$118,350, the corresponding rate is 22%. Because these two rates are the same, enter "22" on line 2.

Example 2. You expect your total income to be \$61,000 without the payment. Step 1: Because your total income without the payment, \$61,000, is greater than \$26,925 but less than \$63,475, the corresponding rate is 12%. Step 2: Because your total income with the payment, \$81,000, is greater than \$63,475 but less than \$118,350, the corresponding rate is 22%. The two rates differ. \$2,475 of the \$20,000 payment is in the lower bracket (\$63,475 less your total income of \$61,000 without the payment), and \$17,525 is in the higher bracket (\$20,000 less the \$2,475 that is in the lower bracket). Multiply \$2,475 by 12% to get \$297. Multiply \$17,525 by 22% to get \$3,856. The sum of these two amounts is \$4,153. This is the estimated tax on your payment. This amount corresponds to 21% of the \$20,000 payment (\$4,153 divided by \$20,000). Enter "21" on line 2.

Privacy Act and Paperwork Reduction Act Notice. We ask for the information on this form to carry out the Internal Revenue laws of the United States. You are required to provide this information only if you want to (a) request additional federal income tax withholding from your nonperiodic payment(s) or eligible rollover distribution(s); (b) choose not to have federal income tax withheld from your nonperiodic payment(s), when permitted; or (c) change a previous Form W-4R (or a previous Form W-4P that you completed with respect to your nonperiodic payments or eligible rollover distributions). To do any of the aforementioned, you are required by sections 3405(e) and 6109 and their regulations to provide the information requested on this form. Failure to provide this information may result in inaccurate withholding on your payment(s).

Failure to provide a properly completed form will result in your payment(s) being subject to the default rate; providing fraudulent information may subject you to penalties.

Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation, and to cities, states, the District of Columbia, and U.S. commonwealths and territories for use in administering their tax laws. We may also disclose this information to other countries under a tax treaty, to federal and state agencies to enforce federal nontax criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism.

You are not required to provide the information requested on a form that is subject to the Paperwork Reduction Act unless the form displays a valid OMB control number. Books or records relating to a form or its instructions must be retained as long as their contents may become material in the administration of any Internal Revenue law. Generally, tax returns and return information are confidential, as required by section 6103.

The average time and expenses required to complete and file this form will vary depending on individual circumstances. For estimated averages, see the instructions for your income tax return.

If you have suggestions for making this form simpler, we would be happy to hear from you. See the instructions for your income tax return.

