

Funds Board Director Attendance 2024 Closed-End Fund Annual Shareholder Meetings													
		Joseph A. Boateng	Michael A. Forrester	Thomas J. Kenny	Amy T. Lancellotta	Joanne T. Medero	Albin F. Moschner	John K. Nelson	Loren M. Starr	Matthew Thornton	Terence J. Toth	Margaret L. Wolff	Robert L. Young
April 12, 2024	NUVEEN CORE EQUITY ALPHA FUND (JCE) NUVEEN CREDIT STRATEGIES INCOME FUND (JQC) NUVEEN DOW 30SM DYNAMIC OVERWRITE FUND (DIAX) NUVEEN FLOATING RATE INCOME FUND (JFR) NUVEEN GLOBAL HIGH INCOME FUND (JGH) NUVEEN MINNESOTA QUALITY MUNICIPAL INCOME FUND (NMS) NUVEEN MISSOURI QUALITY MUNICIPAL INCOME FUND (NOM) NUVEEN MORTGAGE AND INCOME FUND (JLS) NUVEEN MULTI-MARKET INCOME FUND (JMM) NUVEEN MUNICIPAL CREDIT OPPORTUNITIES FUND (NMCO) NUVEEN NASDAQ 100 DYNAMIC OVERWRITE FUND (QQQX) NUVEEN PREFERRED & INCOME OPPORTUNITIES FUND (JPC) NUVEEN REAL ESTATE INCOME FUND (JRS) NUVEEN S&P 500 BUY-WRITE INCOME FUND (BXXM) NUVEEN S&P 500 DYNAMIC OVERWRITE FUND (SPXX) NUVEEN VIRGINIA QUALITY MUNICIPAL INCOME FUND (NPV)				X				X	X			
May 10, 2024	NUVEEN PREFERRED AND INCOME TERM FUND (JPI)											X	
May 31, 2024	NUVEEN CORE PLUS IMPACT FUND (NPCT) NUVEEN VARIABLE RATE PREFERRED & INCOME FUND (NPFD) NUVEEN MULTI-ASSET INCOME FUND (NMAI) NUVEEN REAL ASSET INCOME AND GROWTH FUND (JRI)	X X X X	X X X X		X X X X	X X X X	X X X X	X X X X	X X X X	X X X X		X X X X	
June 24, 2024	Nuveen Preferred and Income Term Fund (JPI)							X	X			X	
July 17, 2024	Nuveen Preferred and Income Term Fund (JPI)	X	X		X	X	X	X	X		X	X	

August 8, 2024	Nuveen AMT-Free Municipal Credit Income Fund (NVG)	X	X			X	X	X	X	X	X	X	
	Nuveen AMT-Free Municipal Value Fund (NUW)	X	X			X	X	X	X	X	X	X	
	Nuveen California Select Tax-Free Income Portfolio (NXC)	X	X			X	X	X	X	X	X	X	
	Nuveen Dynamic Municipal Opportunities Fund (NDMO)	X	X			X	X	X	X	X	X	X	
	Nuveen Municipal Credit Income Fund (NZF)	X	X			X	X	X	X	X	X	X	
	Nuveen Municipal High Income Opportunity Fund (NMZ)	X	X			X	X	X	X	X	X	X	
	Nuveen Municipal Income Fund, Inc. (NMI)	X	X			X	X	X	X	X	X	X	
	Nuveen Municipal Value Fund, Inc. (NUV)	X	X			X	X	X	X	X	X	X	
	Nuveen New York Municipal Value Fund (NNY)	X	X			X	X	X	X	X	X	X	
	Nuveen New York Quality Municipal Income Fund (NAN)	X	X			X	X	X	X	X	X	X	
	Nuveen New York Select Tax-Free Income Portfolio (NXN)	X	X			X	X	X	X	X	X	X	
	Nuveen Quality Municipal Income Fund (NAD)	X	X			X	X	X	X	X	X	X	
	Nuveen Select Maturities Municipal Fund (NIM)	X	X			X	X	X	X	X	X	X	
	Nuveen Select Tax-Free Income Portfolio (NXP)	X	X			X	X	X	X	X	X	X	
	Nuveen Taxable Municipal Income Fund (NBB)	X	X			X	X	X	X	X	X	X	
August 15, 2024	Nuveen AMT-Free Quality Municipal Income Fund (NEA)	X	X					X	X	X	X	X	
	Nuveen New York AMT-Free Quality Municipal Income Fund (NRK)	X	X		X			X	X	X	X	X	
November 14, 2024	NUVEEN ARIZONA QUALITY MUNICIPAL INCOME FUND (NAZ)	X	X		X	X	X	X	X	X		X	
	NUVEEN CALIFORNIA AMT-FREE QUALITY MUNICIPAL INCOME FUND (NKX)	X	X		X	X	X	X	X	X		X	
	NUVEEN CALIFORNIA MUNICIPAL VALUE FUND (NCA)	X	X		X	X	X	X	X	X		X	
	NUVEEN CALIFORNIA QUALITY MUNICIPAL INCOME FUND (NAC)	X	X		X	X	X	X	X	X		X	
	NUVEEN MASSACHUSETTS QUALITY MUNICIPAL INCOME FUND (NMT)	X	X		X	X	X	X	X	X		X	
December 19, 2024	Nuveen Pennsylvania Quality Municipal Income Fund (NQP)	X	X		X	X	X	X	X				X
	Nuveen New Jersey Quality Municipal Income Fund (NXJ)	X	X		X	X	X	X	X				X

Director attendance has been provided in accordance with *the Nuveen/TIAA-CREF Fund Board Nominating & Governance Committee Key Practices* (adopted and approved as of January 1, 2024), which states:

"10. ANNUAL MEETING ATTENDANCE. It is the goal of the Board of Directors of the Funds to have as many members of the Board of Directors as is reasonable in attendance at annual shareholders’ meetings. As required under the Charter, the Committee hereby establishes a policy of the Board that the directors shall make reasonable efforts to attend the annual meeting of each of the Funds, while also recognizing that each director serves as a director for a number of Funds and that it may not be possible or practical to attend all of the annual meetings of the Funds. At the largest grouping of these annual fund company meetings, all of the directors regularly attend and have done so for many years. At other smaller meetings scattered throughout the year, it may not be practical for Board members to attend all of these meetings.

“The Committee shall direct the Secretary to compile information relating to the attendance of the directors at each annual meeting.

“This policy and the attendance information relating to the most recent annual meeting shall be posted to the website for the Funds and the website address for such information shall be set forth in the Proxy of the Funds, in order to provide the Funds an exemption from disclosing this policy in the proxy statements of the Funds.