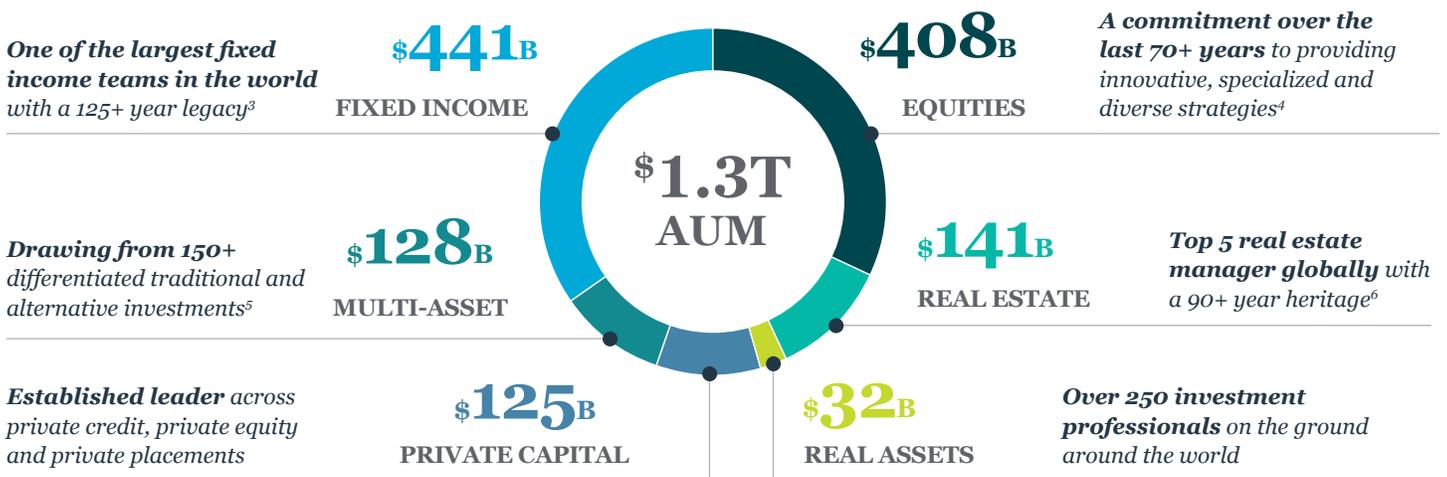


Nuveen capabilities

Nuveen is a global investment leader, managing an array of public and private assets for clients around the world and on behalf of our parent company TIAA, one of the world's largest institutional investors¹, a highly-rated² insurance company and a retirement provider.

How we invest

With diverse expertise across income and alternatives, we invest in the growth of businesses, real estate, infrastructure, farmland and forests to help make an enduring impact on our world.



For 50+ years, our commitment to responsible investing has helped our clients align their long-term financial goals alongside their investment values.⁷

For more information, please visit nuveen.com.

As of 31 Dec 2024. Nuveen assets under management (AUM) is inclusive of underlying investment specialists. Totals may not equal 100% due to rounding.

¹ Pensions & Investments, 10 Jun 2024. Rankings based on total worldwide institutional assets as of 31 Dec 2023 reported by each responding asset manager, with 411 firms responding; updated annually. TIAA is the parent company of Nuveen. ² TIAA is one of only three insurance groups in the United States to currently hold the highest possible rating from three of the four leading insurance company rating agencies for its stability, claims-paying ability and overall financial strength. Ratings include A.M. Best (A++ as of 7/24), Fitch (AAA as of 8/24) and Standard & Poor's (AA+ as of 5/24), and the second highest possible rating from Moody's Investors Service (Aa1 as of 10/24). There is no guarantee that current ratings will be maintained. ³ Nuveen traces its history back to 1898 when the company began underwriting municipal bonds, and TIAA was founded in 1918. ⁴ Nuveen's equities investing team (which is inclusive of TIAA's equities investing team) started investing in equities in 1952 and started a responsible investing strategy in 1990. ⁵ As of 31 Dec 2024. Multi-asset AUM includes target date and other multi asset strategies. Underlying asset categories included in target date funds are \$29B fixed income, \$74B equities and \$2B real estate. ⁶ Pensions & Investment Real Estate Managers Special Report, October 2024. Ranking included 72 real estate managers and ranked them by total worldwide real estate assets as of 30 Jun 2024. Real estate assets are reported net of leverage, including contributions committed or received but not yet invested; REOCs are included with equity; REIT securities are excluded. ⁷ Nuveen's responsible investing team activities date back to 1990 at TIAA prior

to TIAA's acquisition of Nuveen in 2014. TIAA and CREF boards began responsible investing initiatives in 1970 with proxy voting to deal with shareholder proposals on social issues. Statements regarding Nuveen's history include TIAA's history.

Important information on risk

Investing involves risk; principal loss is possible. There can be no assurance that any investment or asset class will provide positive performance over any period of time. Financial professionals should consider the appropriateness of the manager, strategy and program for their clients on an initial and ongoing basis.

If evaluating investment companies, please carefully consider the investment objectives, risks, charges and expenses before investing. For this and other information that should be read carefully, please obtain a prospectus or summary prospectus from your financial professional or Nuveen at 800.752.8700 or visit nuveen.com.

This material is not intended to be a recommendation or investment advice, does not constitute a solicitation to buy, sell or hold a security or an investment strategy, and is not provided in a fiduciary capacity. The information provided does not take into account the specific objectives or circumstances of any particular investor, or suggest any specific course of action. Financial professionals should independently evaluate the risks associated with products or services and exercise independent judgment with respect to their clients.

Nuveen Securities, LLC, member FINRA and SIPC.

NOT FDIC INSURED | NO BANK GUARANTEE | MAY LOSE VALUE

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Capabilities overview

As of 31 Dec 2024

Fixed income	
Global fixed income	
ABS	NUV ●
CLO Investing	NUV ● ◆
CLO Management	NUV ● ✕
CMBS	NUV ●
Core Bond	NUV ● ▲
Core Index	NUV ●
Core Impact Bond	NUV ● ▲ ◆
Core Plus Bond	NUV ● ▲ ◆
Core Plus Impact	NUV ● ◆
Corporate Arbitrage & Relative Value	NUV ● ✕
Corporate Credit	NUV ●
Credit Income	NUV ●
Customized Portfolios	NUV ● ▲
Emerging Markets Corporate	NUV ●
Emerging Markets Hard Currency	NUV ● ▲ ◆
Emerging Markets High Yield	NUV ●
Emerging Markets Impact Bond	NUV ● ◆
Emerging Markets Local Currency	NUV ●
Enhanced Yield Agg	NUV ● ◆
ESG High Yield Corp Bond	NUV ● ◆
ESG Short-Term U.S. Aggregate Bond	NUV ● ◆
ESG U.S. Aggregate Bond	NUV ● ◆
Flexible Income	NUV ● ▲ ◆
Global Core Impact Bond	NUV ● ◆
Global Credit Impact Bond	NUV ● ◆
Global High Income	NUV ● ◆
Green Bond	NUV ● ▲
High Yield	NUV ● ▲
High Yield ESG	NUV ● ▲
High Yield Income	NUV ● ▲
Inflation Linked Bond	NUV ● ▲
International Bond	NUV ● ▲
Intermediate Corporate	NUV ● ▲
Intermediate Govt/Credit	NUV ● ▲
Intermediate Government	NUV ● ▲
Investment-grade CLO debt	NUV ● ◆
Investment Grade Corporate	NUV ● ▲
Laddered Portfolios	NUV ● ▲
Long Corporate	NUV ● ▲
Long Term Govt/Credit	NUV ● ▲
MBS	NUV ●
Money Market	NUV ●
Multi-Asset Credit	NUV ● ✕
Preferred Securities & Income	NUV ● ▲ ◆
Preferred Securities Select	NUV ● ▲
Securitized Credit	NUV ● ◆
Senior Loans	NUV ● ▲ ◆
Senior Loan ESG	NUV ● ▲
Short Duration Impact Bond	NUV ● ▲
Short Term Bond	NUV ● ▲
Short Term Govt	NUV ● ▲
Short Term Govt/Credit	NUV ● ▲
Strategic Income/Multi Sector	NUV ● ▲
Ultra Long STRIPS	NUV ● ▲
Ultra Short Income	NUV ● ▲
U.S. Corporate ESG Ladders	NUV ● ▲
U.S. Investment Grade Credit	NUV ●
Municipals	
Customized Portfolios	NUV ● ▲
High Yield	NUV ● ▲ ◆
Intermediate ESG	NUV ● ▲
Intermediate Term	NUV ● ▲ ◆
Ladder Portfolios	NUV ● ▲
Limited Maturity	NUV ● ▲
Long Term	NUV ● ▲ ◆
Municipal Income	NUV ● ▲
Short Duration High Yield	NUV ● ▲
Short Term	NUV ● ▲
State Specific/State Preference	NUV ● ▲ ◆
Strategic Muni Opps	NUV ● ▲
Taxable Municipal	NUV ● ▲
Total Return	NUV ● ▲

Global fixed income & municipals	
Custom Fixed Income Solutions	NUV ● ▲
Tax-Aware Fixed Income	NUV ● ▲
Equities	
Alternatives	
Equity Long/Short	NUV ● ▲
Core	
Core Equity	NUV ● ▲
Dividend Growth	NUV ● ▲ ◆
Equity Covered Call	NUV ● ◆
Large Cap Core	NUV ● ▲
Large-Cap ESG	NUV ● ▲
Large Cap Responsible Equity	NUV ● ▲
Low Carbon Value Equity ESG	NUV ● ▲
Quant Small Cap Equity	NUV ● ▲
Quant Small/Mid Cap Equity	NUV ● ▲
Small-Cap ESG	NUV ● ▲
Small Cap Select	NUV ● ▲ ◆
Sustainable Core	NUV ● ▲
Tax Advantaged Large Cap	NUV ● ▲
Growth	
Growth Opportunities	NUV ● ▲
Large Cap Growth	NUV ● ▲
Large Cap Growth	WCM ● ▲
Large Cap Growth ESG	WCM ● ▲ ◆
Large-Cap Growth ESG	NUV ● ▲
Mid Cap Growth	NUV ● ▲
Mid-Cap Growth ESG	NUV ● ▲
Mid Cap Growth Opps	NUV ● ▲
Small Cap Growth Opps	NUV ● ▲
Stable Growth	NUV ● ▲
U.S. Large Cap Growth	WCM ● ▲
Value	
Dividend Value	NUV ● ▲
ESG Dividend	NUV ● ▲
Large Cap Relative Value	NUV ● ▲
Large Cap Value	NUV ● ▲
Large Cap Value Balanced	NUV ● ▲
Large-Cap Value ESG	NUV ● ▲
Large Cap Value Opportunities	NUV ● ▲
Mid Cap Value	NUV ● ▲
Mid-Cap Value ESG	NUV ● ▲
Multi Cap Value	NUV ● ▲
Small Cap Value	NUV ● ▲
Small Cap Value Opportunities	NUV ● ▲
SMID Cap Value	NUV ● ▲
Global/Non-U.S.	
Emerging Markets ADR	NUV ● ▲
Emerging Markets Equity	NUV ● ▲
Emerging Markets Equity ESG	NUV ● ▲
Global Dividend Growth ADR/ORD	NUV ● ▲
Global Equity	NUV ● ▲
Global Equity ESG	NUV ● ▲
Global Equity Income	NUV ● ▲
Global Equity Select	NUV ● ▲
International Dividend Growth ADR/ORD	NUV ● ▲
International Developed Markets Equity ESG	NUV ● ▲
International Equity	NUV ● ▲
International Opportunities ADR/ORD	NUV ● ▲
International Responsible Equity	NUV ● ▲
International Small Cap	NUV ● ▲
International Small Cap Focused	NUV ● ▲
International Small Cap Opportunities	NUV ● ▲
International Value ADR/ORD	NUV ● ▲
Japan Equity	NUV ● ▲
Quant International Small Cap Equity	NUV ● ▲
Select Dividend Growth	NUV ● ▲

Index	
Bond Index	NUV ● ▲
Emerging Markets Equity	NUV ● ▲
Equity	NUV ● ▲
International Equity	NUV ● ▲
Large Cap Growth	NUV ● ▲
Large Cap Value	NUV ● ▲
S&P 500	NUV ● ▲
Small Cap Blend	NUV ● ▲
Short Term Bond Index	NUV ● ▲
Real estate	
Private	
Alternatives	NRE ●
Global Diversified	NRE ●
Housing	NRE ●
Impact	NRE ●
Industrial/Logistics	NRE ●
Retail & Mixed-Use	NRE ●
U.S. Diversified	NAA ●
Workplace/Office	NRE ●
Listed	
Global Real Estate Carbon Reduction	NUV ●
Global Real Estate Securities	NUV ●
Real Estate Securities	NUV ●
Real Estate Securities Select	NUV ●
Short-Term REIT	NUV ●
Real assets	
Private	
Agribusiness	NI ●
Clean Energy Infrastructure	NI ●
Farmland	NNC ●
Timberland	NNC ●
Listed	
Global Clean Infrastructure Impact	NUV ●
Global Infrastructure	NUV ●
Real Asset Income	NUV ●
Alternative credit and private equity	
C-PACE	NGC ● ▲
Corporate Private Placements	NUV ●
Credit tenant loans (CTLs)	NUV ●
Diversified Private Capital	CAM ●
Energy Infrastructure Credit	NUV ●
Equity Co-Investment	CAM ●
European Capital Solutions	AAM ●
European Direct Lending	AAM ●
European NAV Financing	AAM ●
European Impact Lending	AAM ●
Infrastructure debt (project finance)	NUV ●
PE Fund Commitments	CAM ●

Glossary
 A **hybrid structure** combines two or more vehicles. This is not a comprehensive listing of all Nuveen products and certain strategies may be offered in other investment vehicles not listed here, such as other pooled structures. From time to time, we may close or reopen strategies. Vehicles are different investment products, each with its own features, terms and conditions, fee structures and risk factors and certain availability restrictions may apply. Not all products are available at all firms. Please check with your firm for availability. Vehicles shown may not be available in certain jurisdictions and/or to certain investors (such as not available to new accounts). Financial professionals should observe any applicable legal requirements. This information should not be considered a solicitation or an offer by Nuveen or its affiliates to provide any financial products or services in any jurisdiction where it is not otherwise authorized to do so. For more information on collective investment trusts, please call 800.752.8700. If you are a non-U.S. investor and would like more information on UCITS funds, please visit nuveen.com/global. UCITS are not available in the U.S. or to U.S. persons. Nuveen, LLC is a wholly owned subsidiary of Teachers Insurance and Annuity Association of America. Nuveen Asset Management, LLC, Winslow Capital Management, LLC, AGR Partners LLC, Arcmont Asset

Private asset-backed securities (ABS)	NUV ●
Private Equity Growth	WCM ● ✕
Real Estate Debt	NRE ● ✕
Secondaries	CAM ● ✕
Private Equity Impact	NUV ● ✕
U.S. Junior Capital	CAM ● ✕
U.S. Senior Lending	CAM ● ✕

Multi-asset solutions	
Equity Covered Call	NUV ● ◆
ESG Growth Models	NUV ● ▲
Lifecycle (2010-2065)	NUV ●
Lifecycle Retirement	NUV ●
Lifecycle Blend (2010-2065)	NUV ●
Lifecycle Blend	NUV ●
Retirement Income	NUV ●
Lifecycle Index (2010-2065)	NUV ●
Lifecycle Retirement Index	NUV ●
Lifecycle Income Active (2010-2065)	NUV ●
Lifecycle Income Blend (2010-2065)	NUV ●
Lifecycle Income Index (2010-2065)	NUV ●
Lifestyle Target Risk	NUV ●
Managed Allocation	NUV ●
Managed Volatility	NUV ● ▲
Multi Asset Income	NUV ● ◆
Tax Advantaged Balanced	NUV ● ▲
Tax-Exempt Income Models	NUV ● ▲

Investment specialists	
Arcmont Asset Management (AAM)	
Churchill Asset Management (CAM)	
Gresham Investment Management (GIM)	
Nuveen (NUV)	
Nuveen Alternative Advisors (NAA)	
Nuveen Green Capital (NGC)	
Nuveen Infrastructure (NI)	
Nuveen Natural Capital (NNC)	
Nuveen Real Estate (NRE)	
Winslow Capital Management (WCM)	

Key	
● Institutional separate account	✕ Private fund
▲ Separately managed account	◆ Interval fund
+ Closed-end fund	■ Mutual fund
◆ Exchange-traded fund	◆ UCITS fund
★ Hybrid structure	○ Model portfolio
★ Collective investment trust	
■ Responsible investing	

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