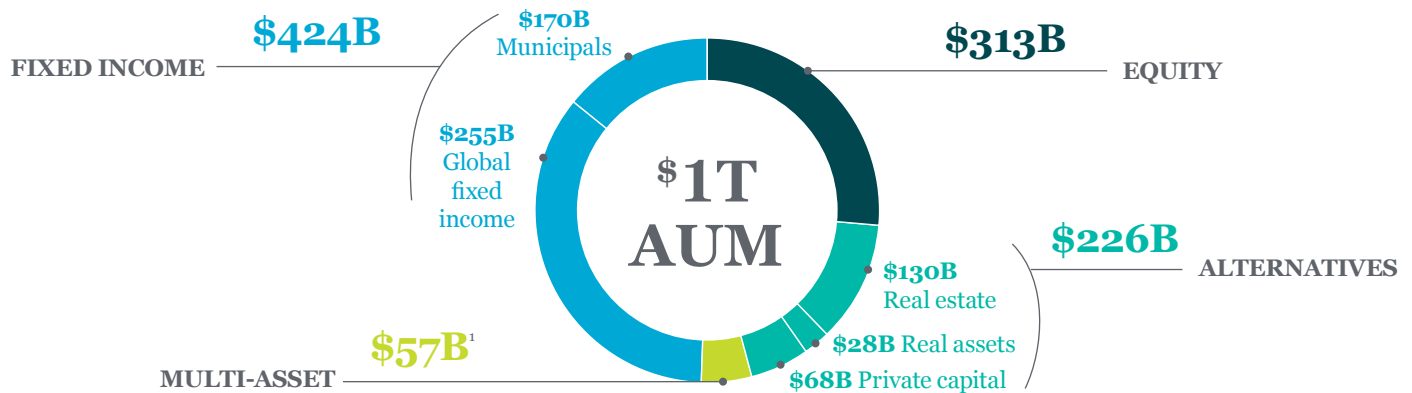


Mutual fund capabilities overview

One of the world's largest investment managers delivering award-winning investment capabilities across asset classes.



Pillars of expertise

INCOME	<p>INCOME IS IN OUR DNA</p> <p>120+ years Managing assets designed for income²</p> <p>Top 5 manager of U.S. institutional tax-exempt assets³</p> <p>One of the largest fixed income research teams</p>
ALTERNATIVES	<p>OFFERING A DIVERSE PLATFORM</p> <p>Top 5 real estate manager globally⁴</p> <p>#1 manager of farmland assets worldwide⁵</p> <p>40+ years as an active private capital investor</p>
RESPONSIBLE INVESTING	<p>FIVE DECADES OF LEADERSHIP</p> <p>66% of firm assets disclosed to the UN PRI, with a commitment of 100% in 2020⁶</p> <p>20+ dedicated responsible investing professionals</p> <p>\$23B in ESG-focused strategies⁷</p>

For more information, please visit nuveen.com.

Nuveen assets under management (AUM) is inclusive of underlying affiliates as of 30 Jun 2019. Totals may not equal 100% due to rounding.

1 Includes fixed income, equity and alternatives assets within target date, target risk and other multi-asset products. **2** Nuveen traces its history back to 1898 and TIAA was founded in 1918. **3** Pensions & Investments, 27 May 2019. Rankings based on institutional tax-exempt domestic assets under management as of 31 Dec 2018 reported by each responding asset manager. **4** ANREV/INREV/NCREIF Fund Manager Survey 2019. Survey illustrated rankings of 172 fund managers globally by AUM as at 31 Dec 2018. **5** Pensions & Investments, 01 Oct 2018. Rankings based on institutional

tax-exempt assets under management as of 30 Jun 2018 reported by each responding asset manager.

6 Data as of 31 Dec 2018. Nuveen assets under management is inclusive of underlying affiliates.

7 Morningstar Direct as of 31 Mar 2019.

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		
Share Class		
A	I	
Municipal – National		
FLAAX	FAARX	Nuveen All-American Municipal Bond Fund
NHMAX	NHMRX	Nuveen High Yield Municipal Bond Fund
NITAX	NIPIX	Nuveen Inflation Protected Municipal Bond Fund
NMBAX	NUVBX	Nuveen Intermediate Duration Municipal Bond Fund
FLTDX	FLTRX	Nuveen Limited Term Municipal Bond Fund
NVHAX	NVHIX	Nuveen Short Duration High Yield Municipal Bond Fund
FSHAX	FSHYX	Nuveen Short Term Municipal Bond Fund
NSAOX	NSIOX	Nuveen Strategic Municipal Opportunities Fund
Municipal – State		
AZ, CA, CA High Yield, CA Intermediate, CO, CT, GA, KS, KY, LA, MA, MD, MI, MN, MN Intermediate, MO, NC, NE, NJ, NM, NY, OH, OR Intermediate, PA, TN, VA, WI		
Taxable Fixed Income		
NWQAX	NWQIX	Nuveen NWQ Flexible Income Fund
NPSAX	NPSRX	Nuveen Preferred Securities and Income Fund
FCDDX	FCBYX	Nuveen Strategic Income Fund
NCOAX	NCOIX	Nuveen Symphony Credit Opportunities Fund
NFRAX	NFRIX	Nuveen Symphony Floating Rate Income Fund
Global/International		
NEKAX	NEKIX	Nuveen Emerging Markets Equity Fund
NBQAX	NBQIX	Nuveen International Growth Fund
NQGAX	NQGIX	Nuveen NWQ Global Equity Income Fund
NAIGX	NGRRX	Nuveen NWQ International Value Fund
NUGAX	NUGIX	Nuveen Santa Barbara Global Dividend Growth Fund
NUIAX	NUIIX	Nuveen Santa Barbara International Dividend Growth Fund
NWAIX	NWPIX	Nuveen Winslow International Small Cap Fund
Value		
FFEIX	FAQIX	Nuveen Dividend Value Fund
NNGAX	NNGRX	Nuveen Large Cap Value Fund
FASEX	FSEIX	Nuveen Mid Cap Value Fund
NQCAX	NQCRX	Nuveen NWQ Large-Cap Value Fund
NQVAX	NQVRX	Nuveen NWQ Multi-Cap Value Fund
NSCAX	NSCRX	Nuveen NWQ Small-Cap Value Fund
NSMAX	NSMRX	Nuveen NWQ Small/Mid-Cap Value Fund
FSCAX	FSCCX	Nuveen Small Cap Value Fund

For more information, please consult with your financial advisor and visit nuveen.com.

A word on risk

Mutual fund investing involves risk; principal loss is possible. There is no guarantee the Fund's investment objectives will be achieved. Risk considerations specific to each fund are described in detail in the Fund's prospectus.

Before investing, carefully consider fund investment objectives, risks, charges and expenses. For this and other information that should be read carefully, please request a prospectus or summary prospectus from your financial advisor or Nuveen at 800.257.8787 or visit nuveen.com.

The Nuveen Family of Funds and the TIAA-CREF Funds are distinct fund families that comprise different investment products, each with its own features, terms and conditions, fee structures and risk factors. Please note, there are no exchange privileges between the two fund families.

The investment advisory services, strategies and expertise of TIAA Investments, a division of Nuveen, are provided by Teachers Advisors, LLC and TIAA-CREF Investment Management, LLC.

Nuveen Securities, LLC, member FINRA and SIPC.

TIAA Investments		
Share Class		
Retail	Institutional	
Fixed Income		
TCTR	TISIX	TIAA-CREF Short-Term Bond Fund
TIOR	TIBDX	TIAA-CREF Bond Fund
TCBP	TIBFX	TIAA-CREF Bond Plus Fund
TIYR	TIHYX	TIAA-CREF High-Yield Fund
TIXR	TITIX	TIAA-CREF Tax-Exempt Bond Fund
TCIL	TIILX	TIAA-CREF Inflation-Linked Bond Fund
TSBR	TSBIX	TIAA-CREF Social Choice Bond Fund
TGRO	TGRNX	TIAA-CREF Green Bond Fund
TSDB	TSDJX	TIAA-CREF Short Duration Impact Bond Fund
TIBEX	TIBWX	TIAA-CREF International Bond Fund
TEDL	TEDNX	TIAA-CREF Emerging Markets Debt Fund
Equity		
TCLX	TRLIX	TIAA-CREF Large-Cap Value Fund
TIRT	TILGX	TIAA-CREF Large-Cap Growth Fund
—	TEVIX	TIAA-CREF Quant Large Cap Value Fund
—	TLIIX	TIAA-CREF Quant Large Cap Growth Fund
TCMV	TIMVX	TIAA-CREF Mid-Cap Value Fund
TCMG	TRPW	TIAA-CREF Mid-Cap Growth Fund
TCSEX	TISEX	TIAA-CREF Quant Small-Cap Equity Fund
TSME	TSMWX	TIAA-CREF Quant Small/Mid-Cap Equity Fund
TIIR	TIGRX	TIAA-CREF Growth & Income Fund
TIER	TIEX	TIAA-CREF International Equity Fund
TLIS	TIISX	TIAA-CREF Quant International Small-Cap Equity Fund
TIOS	TIOIX	TIAA-CREF International Opportunities Fund
—	TFIIX	TIAA-CREF Quant International Equity Fund
TEMR	TEMLX	TIAA-CREF Emerging Markets Equity Fund
TCRE	TIREX	TIAA-CREF Real Estate Securities Fund
TICR	TISCX	TIAA-CREF Social Choice Equity Fund
TSOR	TSONX	TIAA-CREF Social Choice International Equity Fund
TLWC	TNWCX	TIAA-CREF Social Choice Low Carbon Equity Fund
Multi-Asset		
TSIL	TSITX	TIAA-CREF Lifestyle Income Fund
TSCL	TCSIX	TIAA-CREF Lifestyle Conservative Fund
TSML	TSIMX	TIAA-CREF Lifestyle Moderate Fund
TSGL	TSGGX	TIAA-CREF Lifestyle Growth Fund
TSAL	TSAX	TIAA-CREF Lifestyle Aggressive Growth Fund
TIMR	TIMIX	TIAA-CREF Managed Allocation Fund
Index		
TINR	TIEIX	TIAA-CREF Equity Index Fund
—	TISPX	TIAA-CREF S&P 500 Index Fund
—	TILIX	TIAA-CREF Large-Cap Growth Index Fund
—	TILVX	TIAA-CREF Large-Cap Value Index Fund
—	TISBX	TIAA-CREF Small-Cap Blend Index Fund
—	TCIE	TIAA-CREF International Equity Index Fund
TEQK	TEQLX	TIAA-CREF Emerging Markets Equity Index Fund
TRSH	TNSHX	TIAA-CREF Short-Term Bond Index Fund
TBIL	TBIIX	TIAA-CREF Bond Index Fund
Money Market		
TIRX	TCIX	TIAA-CREF Money Market Fund
Target Date		
TIAA-CREF Lifecycle Funds (2010 – 2060)		
TIAA-CREF Lifecycle Index Funds (2010 – 2060)		
TLRR	TLRIX	TIAA-CREF Lifecycle Retirement Income Fund
—	TRILX	TIAA-CREF Lifecycle Index Retirement Income Fund