

## U - M INVESTMENT FUNDS UPDATE

Average Annualized Compound Return (%)   3 Months   1 Year   3 Years   5 Years   10 Years   Average Annualized Compound Return (%)   3 Months   1 Year   3 Years   5 Years   10 Years

Total Returns as of March 31, 2019

**Stock Fund Choices**

*Russell 3000 Index\**  
*Standard & Poor's 500 Stock Index\**

**U.S. Large Capitalization Stock Fund Choices**

*Russell 1000 Index\**  
CREF Equity Index Account  
CREF Growth Account  
CREF Stock Account  
TIAA-CREF Equity Index  
TIAA-CREF Growth and Income  
TIAA-CREF Large-Cap Growth  
TIAA-CREF Large-Cap Growth Index  
TIAA-CREF S&P 500 Index  
TIAA-CREF Social Choice Equity  
TIAA-CREF Large-Cap Value  
TIAA-CREF Large-Cap Value Index  
Fidelity  
Fidelity Blue Chip Growth  
Fidelity Blue Chip Value  
Fidelity Capital Appreciation  
Fidelity Contrafund  
Fidelity Convertible Securities  
Fidelity Disciplined Equity  
Fidelity Dividend Growth  
Fidelity Equity Dividend Income  
Fidelity Equity-Income  
Fidelity Export & Multinational  
Fidelity Focused Stock  
Fidelity Four-in-One Index  
Fidelity Growth & Income  
Fidelity Mega Cap Stock  
Fidelity Growth Company  
Fidelity Growth Discovery  
Fidelity Independence  
Fidelity Large Cap Stock  
Fidelity Large-Cap Value  
Fidelity Large Cap Core Enhanced Index  
Fidelity Large Cap Growth Enhanced Index  
Fidelity Large Cap Growth Index  
Fidelity Large Cap Value Enhanced Index  
Fidelity Magellan  
Fidelity NASDAQ Composite Index  
Fidelity OTC  
Fidelity 500 Index  
Fidelity Stock Selector All Cap  
Fidelity Stock Selector Large Cap Value  
Fidelity Strategic Dividend & Income  
Fidelity Tot Mkt Index  
Fidelity Trend  
Vanguard 500 Index  
Vanguard Total Stock Market Index

**U.S. Mid-Capitalization Stock Fund Choices**

*Russell 2500 Index\**  
TIAA-CREF Mid-Cap Growth  
TIAA-CREF Mid-Cap Value  
Fidelity Extended Market Index  
Fidelity Growth Strategies Fund  
Fidelity Leveraged Co Stock  
Fidelity Mid Cap Enhanced Index Fund  
Fidelity Mid Cap Index Fund  
Fidelity Mid-Cap Stock  
Fidelity Mid-Cap Value  
Fidelity New Millennium  
Fidelity Value  
Fidelity Value Discovery  
Fidelity Value Strategies

**U.S. Small Capitalization Stock Fund Choices**

*Russell 2000 Index\**  
TIAA-CREF Small-Cap Blend Index  
TIAA-CREF Small-Cap Equity  
Fidelity Low-Priced Stock  
Fidelity Small Cap Growth  
Fidelity Small Cap Independence  
Fidelity Small Cap Discovery  
Fidelity Small Cap Enhanced Index Fund  
Fidelity Small Cap Index  
Fidelity Small Cap Stock  
Fidelity Small Cap Value  
Fidelity Stock Selector Mid Cap

**International Stock Fund Choices**

S&P/Citigroup-BMI Global Index\*  
S&P/Citigroup Broad Market Ex-US Index\*  
IFC Investible (Emerging Mkts) Index\*  
CREF Global Equities Account  
TIAA-CREF International Equity  
TIAA-CREF International Equity Index  
TIAA-CREF Emerging Markets Equity  
TIAA-CREF Emerging Markets Equity Index  
Fidelity International Capital Appreciation Fund  
Fidelity Canada  
Fidelity China Region  
Fidelity Diversified Int'l  
Fidelity Emerging Europe, Middle East, Africa (EMEA) Fund  
Fidelity Emerging Markets  
Fidelity Emerging Markets Discovery Fund  
Fidelity Emerging Markets Index Fund  
Fidelity Europe  
Fidelity Event Driven Opportunities Fund  
Fidelity Global Commodity Stock Fund  
Fidelity Global Equity Income Fund  
Fidelity Global ex U.S. Index Fund  
Fidelity Int'l Discovery  
Fidelity International Enhanced Index Fund  
Fidelity International Growth Fund  
Fidelity Int'l Small Cap Fund  
Fidelity Int'l Index  
Fidelity International Small Cap Opportunities  
Fidelity International Value  
Fidelity Japan  
Fidelity Japan Smaller Companies  
Fidelity Latin America  
Fidelity Nordic  
Fidelity Overseas  
Fidelity Pacific Basin  
Fidelity Emerging Asia  
Fidelity Total Emerging Markets  
Fidelity Total International Equity Fund  
Fidelity Total International Index Fund  
Fidelity Worldwide  
Vanguard Total Intl Stock Index  
Vanguard European Stock Index  
Vanguard Pacific Stock Index Fund - Admiral Shares  
Vanguard Emerging Markets Stock Index Fund

**Life Cycle Funds**

TIAA-CREF Lifecycle Index 2010  
TIAA-CREF Lifecycle Index 2015  
TIAA-CREF Lifecycle Index 2020  
TIAA-CREF Lifecycle Index 2025  
TIAA-CREF Lifecycle Index 2030  
TIAA-CREF Lifecycle Index 2035  
TIAA-CREF Lifecycle Index 2040

TIAA-CREF Lifecycle Index 2045  
TIAA-CREF Lifecycle Index 2050  
TIAA-CREF Lifecycle Index 2055  
TIAA-CREF Lifecycle Index 2060  
TIAA-CREF Managed Alloc Inst  
TIAA-CREF Lifecycle Index Ret Inc  
Fidelity Freedom Index 2005 Fund  
Fidelity Freedom Index 2010 Fund  
Fidelity Freedom Index 2015 Fund  
Fidelity Freedom Index 2020 Fund  
Fidelity Freedom Index 2025 Fund  
Fidelity Freedom Index 2030 Fund  
Fidelity Freedom Index 2035 Fund  
Fidelity Freedom Index 2040 Fund  
Fidelity Freedom Index 2045 Fund  
Fidelity Freedom Index 2050 Fund  
Fidelity Freedom Index 2055 Fund  
Fidelity Freedom Index 2060 Fund  
Fidelity Freedom Index Income Fund  
Vanguard Balanced Index Inv

**Balanced Fund Choices**

CREF Social Choice Account  
Fidelity Asset Manager 20%  
Fidelity Asset Manager 30%  
Fidelity Asset Manager 40%  
Fidelity Asset Manager 50%  
Fidelity Asset Manager 60%  
Fidelity Asset Manager 70%  
Fidelity Asset Manager 85%  
Fidelity Balanced  
Fidelity Puritan  
Vanguard Balanced Index Fund

**Bond Fund Choices**

U.S. Bond Funds

*Barclays Capital Aggregate Index\**  
CREF Bond Market Account  
CREF Inflation Linked Bond Account  
TIAA-CREF Bond  
TIAA-CREF Bond Plus Fund II  
TIAA-CREF High Yield Fund II  
TIAA-CREF Inflation Linked Bond  
TIAA-CREF Short-Term Bond Fund II  
TIAA-CREF Social Choice Bond  
TIAA Stable Value  
TIAA Traditional Annuity (RA)  
TIAA Traditional Annuity (SRA)  
Fidelity Capital & Income  
Fidelity Conservative Income Bond Fund  
Fidelity Corporate Bond Fund  
Fidelity Focused High Income  
Fidelity Floating Rate High Income  
Fidelity Global Credit Fund  
Fidelity Global High Income Fund  
Fidelity Government Income  
Fidelity GNMA Fund  
Fidelity High-Income  
Fidelity Inflation-Protected Bond Index  
Limited Term Government Fund  
Fidelity Intermediate Bond  
Fidelity Intermediate Govt  
Fidelity Intermediate Treasury Bond Index  
Fidelity Investment Grade Bond  
Fidelity Limited Term Bond Fund  
Fidelity Long-Term Treasury Bond Index  
Fidelity Mortgage Securities  
Fidelity Short Duration High Income Fund  
Fidelity Short-Term Bond  
Fidelity Short-Term Treasury Bond Index  
Fidelity Strategic Income  
Fidelity Total Bond Fund  
Fidelity U.S. Bond Index  
Vanguard Short-Term Treasury  
Vanguard Interm-Term Treasury  
Vanguard Total Bond Market Index Inv  
Vanguard Inflation-Protected Secs Inv  
Vanguard Long-Term Treasury Inv  
Non-U.S. Bond Fund Choices  
*J.P. Morgan - GBI Emerging Markets Index\**  
Fidelity New Markets Income

**Money Market Fund Choices**

*Treasury Bill\**  
CREF Money Market Account  
TIAA-CREF Money Market Account  
Fidelity Government Money Market Fund  
Vanguard Prime Money Market

**Specialty Fund Choices**

TIAA-CREF Real Estate Securities  
TIAA Real Estate  
Fidelity International Real Estate  
Fidelity Real Estate Income  
Fidelity Real Estate Index  
Fidelity Real Estate Investment  
Fidelity Strategic Real Return  
Fidelity Telecom and Utilities Fund  
Fidelity Select Air Transport  
Fidelity Select Automotive  
Fidelity Select Banking  
Fidelity Select Biotechnology  
Fidelity Select Brokerage & Investment  
Fidelity Select Chemicals  
Fidelity Select Computers  
Fidelity Select Construction & Housing  
Fidelity Select Consumer Discretionary  
Fidelity Select Consumer Finance  
Fidelity Select Consumer Staples  
Fidelity Select Defense & Aerospace  
Fidelity Select Communications Equipment  
Fidelity Select Energy  
Fidelity Select Energy Service  
Fidelity Select Environmental  
Fidelity Select Financial Svcs  
Fidelity Select Gold  
Fidelity Select Health Care  
Fidelity Select Health Care Services  
Fidelity Select Industrials  
Fidelity Select Insurance  
Fidelity Select IT Services  
Fidelity Select Leisure  
Fidelity Select Materials  
Fidelity Select Medical Technology and Devices  
Fidelity Select Natural Gas  
Fidelity Select Natural Resources  
Fidelity Select Pharmaceuticals  
Fidelity Select Retailing  
Fidelity Select Software and IT Services  
Fidelity Select Technology  
Fidelity Select Telecommunications  
Fidelity Select Transportation  
Fidelity Select Utilities Portfolio  
Fidelity Select Wireless  
Vanguard Real Estate Index

Information available at [tiaa-cref.org](http://tiaa-cref.org), [fidelity.com](http://fidelity.com) and [morningstar.com](http://morningstar.com), or call Fidelity at 800-343-0860 and TIAA-CREF at 800-842-2252.