NDPERS
457
Companion Plan
Quarterly Report
1st Quarter
1/1/2013 – 3/31/2013

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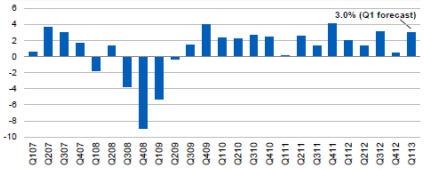
Economic overview (1Q13)

- The U.S. economy continued to strengthen in the first quarter of 2013.
  - Q1 GDP growth is expected to be 3% or slightly higher, based on consensus forecasts.
  - Improvements in housing, auto sales, employment and consumer spending contributed to Q1's positive tone.
  - Home prices were supported, reaching multi-year highs, as demand increased and supply diminished.
  - The economy added 504,000 jobs in Q1, despite a disappointing 88,000 payrolls figure for March. Unemployment fell to 7.6%.
- Europe's economy remained in recession.
  - Eurozone unemployment hit a record high of 12%.
  - Manufacturing and service-sector activity contracted more than expected, casting doubt on forecasts of economic recovery in the second half of 2013.
- Japan launched an aggressive monetary easing program aimed at reviving the country's long-moribund economy.
- China's growth outlook, though positive, was clouded by signs of slowing and mixed signals from policy makers.
- Heading into Q2, we expect a deceleration in U.S. growth as the effects of the sequester take hold.

Real U.S. GDP growth

Quarterly % change, seasonally adjusted at an annual rate



Sources: Bureau of Economic Analysis, TIAA-CREF

U.S. light vehicle sales

Home prices vs. supply of existing homes
- S&P/Case-Shiller Home Price Index, % change from year ago
- Existing homes available for sale (number of months' supply)

Sources: S&P/Case Shiller, National Association of Realtors

Equity markets (1Q13)

- Equity markets produced generally strong results in Q1.
  - The S&P 500 rose 10.61%, reaching a new record high.
  - Gains were led by defensive sectors such as Healthcare (+15.64%) and Consumer Staples (+14.34%).
  - Economically sensitive sectors such as Information Technology (+4.48%) and Materials (+4.60%) lagged.
- Mid caps (+12.96%) topped both small caps (+12.39%) and large caps (+10.96%), while value (+12.26%) beat growth (+9.82%).
  - Value vs. growth dynamic was seen in Financials outpacing Technology, as tech firms struggled on doubts about underlying growth.
  - "Safer" stocks outperformed as the quarter progressed and are no longer inexpensive.
- Foreign developed and emerging markets returned 5.13% and -1.62%, respectively, based on MSCI indexes.
  - European equities rose modestly despite political and economic uncertainty, while Japan surged on policy-driven yen weakness.
  - Emerging markets were hurt by growth concerns in China, falling commodity prices, and higher real U.S. interest rates.

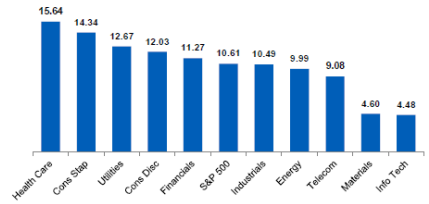
* U.S. equity returns represented by Russell 3000, 2000, Top 200, Mid-Cap, 3000 Growth, and 3000 Value Indexes; foreign developed-market equity returns represented by MSCI EAFE Index; emerging-market equity returns represented by MSCI Emerging Markets Index.

Equity market returns (%)*

Quarter ended 3/31/2013

S&P 500 sector returns (%)

Quarter ended 3/31/2013



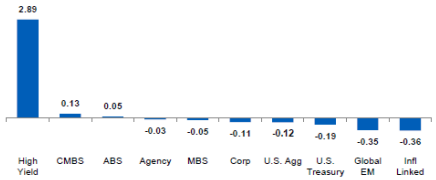
Fixed-income markets (1Q13)

- Fixed-income returns were mostly flat to negative in Q1.
  - The Barclays U.S. Aggregate Bond Index, a broad measure of investment-grade fixed-income performance, returned -0.12% for the quarter.
  - Intermediate- and long-term interest rates rose as the U.S. economy gathered some momentum.
- Based on Barclays indexes, "spread" sectors (higher-yielding, non-Treasury instruments) outperformed as investors continued their hunt for yield.
  - U.S. high-yield bonds (+2.89%) stood out, supported by firming economic data, declining defaults, and compelling spreads over safer fixed-income sectors.
  - High-yield corporate bond spreads narrowed, while investment-grade spreads were generally flat.
  - Conditions were challenging for investment-grade corporates, as leveraged buyouts (LBOs) increased.
- Global emerging-market bonds (-0.35%) fell on eurozone fears and weaker growth in Latin America and Asia.
- The 10-year U.S. Treasury yield fluctuated between 1.84% and 2.07% during the period, ending at 1.87%.
- Japan's aggressive new monetary easing has the potential to depress U.S. Treasury yields, as Japanese investors look to invest in safe assets abroad.

* Source: Bond market segments are represented by respective Barclays indexes and related subsets. Segments shown include U.S. Treasury, Agencies, Mortgage-Backed Securities (MBS), Barclays U.S. Aggregate Bond Index, Barclays Global Emerging Markets Bonds Index (Global EM), Corporate Bonds, Asset-Backed Securities (ABS), U.S. High-Yield, Inflation-Linked, and Commercial Mortgage-Backed Securities (CMBS).

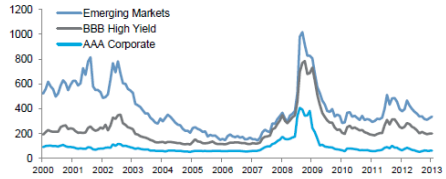
Fixed-income market returns (%)*

Quarter ended 3/31/2013



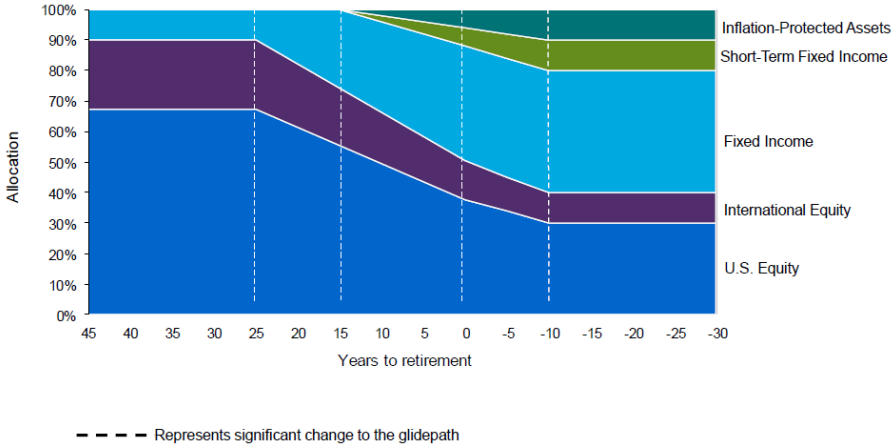
Yield spreads over time

Option-adjusted spreads, in basis points, 2000-2013



Sources: Merrill Lynch, Bloomberg. Option-adjusted spreads measure the relative value of fixed-income securities that contain an embedded option (such as a call provision in a corporate bond); they are quoted as a spread, or differential, over a benchmark security—in this case, the 10-year U.S. Treasury yield. The wider the option-adjusted spread, the higher the implied return and risk of the bond, compared with the benchmark. Monthly data through 3/31/2013.

TIAA-CREF Lifecycle Funds Glidepath profile



Source: TIAA-CREF Asset Management

* The above chart represents the strategic asset allocation progression of one of a series of multi-asset class portfolios with target retirement dates at 5-year intervals. Asset allocations represent the exposures sought at the given number of years before the maturity of the fund and are not actual mutual fund exposures. Allocations are presented for information only and may not represent the actual allocation at the time of investment.

NDPERS 401(a) Defined Contribution Plan & 457 Companion Plan - TIAA-CREF

INITIAL OFFERING:

	VALUE	BLEND	GROWTH	
	Hartford Dividend & Growth	Vanguard 500 Index Signal	Franklin Growth Adv	
	T.Rowe Price Equity Income	Vanguard Dividend Growth	Wells Fargo Adv Growth Adm	
				LARGE
	RidgeWorth Mid Cap Value Equity I	ASTON/Fairpointe Mid Cap I	Prudential Jennison Mid Cap Growth Z	
		Columbia Mid Cap Index A		
				MEDIUM
	Allianz NFJ Small Cap Value	Parnassus Small Cap	Brown Capital Mgmt Small Co Inv	
				SMALL

BALANCED FUND:	T.Rowe Price Capital Appreciation
INCOME FUNDS:	Wells Fargo Stable Value Fund J
BOND FUNDS:	PIMCO Total Return Bond Fund
	PIMCO Real Return Admin Bond Fund
REAL ESTATE:	Cohen & Steers Realty Shares
INTERNATIONAL FUNDS:	Mutual Global Discovery Z
LIFESTYLE FUNDS:	TIAA-CREF Lifecycle Ret Income
	TIAA-CREF Lifecycle 2010
	TIAA-CREF Lifecycle 2015
	TIAA-CREF Lifecycle 2020

Vanguard Prime Money Market		
Prudential High Yield Z		
Templeton Global Bond		
Vanguard Total Intl Stock Index	Oppenheimer Developing Markets Y	
TIAA-CREF Lifecycle 2025	TIAA-CREF Lifecycle 2045	
TIAA-CREF Lifecycle 2030	TIAA-CREF Lifecycle 2050	
TIAA-CREF Lifecycle 2035	TIAA-CREF Lifecycle 2055	
TIAA-CREF Lifecycle 2040		

FUND STYLE CHANGES:

	VALUE	BLEND	GROWTH	
				LARGE
	ASTON/Fairpointe Mid Cap I			MEDIUM
				SMALL

OTHER FUNDS:

CURRENT LINEUP:

	VALUE	BLEND	GROWTH	
	Hartford Dividend & Growth	Vanguard 500 Index Signal	Franklin Growth Adv	
	T.Rowe Price Equity Income	Vanguard Dividend Growth	Wells Fargo Adv Growth Adm	
				LARGE
	RidgeWorth Mid Cap Value Equity I		Prudential Jennison Mid Cap Growth Z	
	ASTON/Fairpointe Mid Cap I	Columbia Mid Cap Index A		
				MEDIUM
	Allianz NFJ Small Cap Value	Parnassus Small Cap	Brown Capital Mgmt Small Co Inv	
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BALANCED FUND:	T.Rowe Price Capital Appreciation
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Vanguard Prime Money Market		
Prudential High Yield Z		
Templeton Global Bond		
Vanguard Total Intl Stock Index	Oppenheimer Developing Markets Y	
TIAA-CREF Lifecycle 2025	TIAA-CREF Lifecycle 2045	
TIAA-CREF Lifecycle 2030	TIAA-CREF Lifecycle 2050	
TIAA-CREF Lifecycle 2035	TIAA-CREF Lifecycle 2055	
TIAA-CREF Lifecycle 2040		

NDPERS Investment Benchmarks - 1st Quarter 2013

	Quarter	Y-T-D	1-Year	3-Year	5-Year
Stable Value / Money Market Fund					
Vanguard Prime Money Market - VMMXX	**0.00%**	**0.00%**	**0.03%**	**0.05%**	**0.49%**
Wells Fargo Stable Return Fund J - WFSJ#	**0.25%**	**0.25%**	**1.14%**	**1.57%**	**2.12%**
3 Month T-Bill Index	0.02%	0.02%	0.08%	0.09%	0.31%
Fixed Income Fund					
PIMCO Real Return Admin - PARRX	**0.06%**	**0.06%**	**7.34%**	**8.85%**	**6.51%**
PIMCO Total Return Bond Fund - PTRAX	**0.54%**	**0.54%**	**7.65%**	**6.65%**	**7.50%**
Barclays Aggregate Bond Index	-0.12%	-0.12%	3.77%	5.52%	5.47%
Taxable Bond Fund Universe	0.63%	0.63%	6.22%	6.32%	5.95%
Prudential High Yield Z - PHYZX	**2.74%**	**2.74%**	**11.80%**	**10.72%**	**10.89%**
ML High Yield Bond Fund Index	2.85%	2.85%	13.06%	10.89%	11.32%
High Yield Bond Fund Universe	2.79%	2.79%	11.80%	9.94%	9.36%
Templeton Global Bond Adv - TGBAX	**1.41%**	**1.41%**	**9.88%**	**6.94%**	**9.12%**
Citi World Govt Bond Index	-2.77%	-2.77%	-0.67%	3.86%	2.77%
World Bond Fund Universe	-1.09%	-1.09%	4.44%	5.25%	4.42%
Real Esate Fund					
Cohen & Steers Realty Shares - CSRSX	**7.61%**	**7.61%**	**12.80%**	**15.28%**	**7.31%**
FTSE NAREIT All Equity REITs Index	8.10%	8.10%	17.11%	17.67%	7.10%
Real Estate Fund Universe	6.79%	6.79%	13.62%	16.28%	5.96%
Balanced Fund					
T.Rowe Price Capital Appreciation - PACLX	**7.55%**	**7.55%**	**12.40%**	**10.82%**	**7.63%**
60% Large Cap Value Univ & 40% Taxable Bond Universe	6.99%	6.99%	11.44%	9.11%	5.07%
60% Russell 1000 Value & 40% Agg Bond Index	7.34%	7.34%	12.77%	9.85%	5.10%
Large Cap Equities - Value					
Hartford Dividend & Growth - HDGTX	**10.71%**	**10.71%**	**13.91%**	**11.04%**	**5.52%**
T.Rowe Price Equity Income - PRFDX	**11.19%**	**11.19%**	**17.20%**	**11.84%**	**5.53%**
Russell 1000 Value Index	12.31%	12.31%	18.77%	12.74%	4.85%
Large Cap Value Fund Universe	11.23%	11.23%	14.92%	10.97%	4.49%
Large Cap Equities - Blend					
Vanguard 500 Index Signal - VIFSX	**10.60%**	**10.60%**	**13.93%**	**12.65%**	**5.83%**
Vanguard Dividend Growth Fund - VDIGX	**11.00%**	**11.00%**	**13.82%**	**13.13%**	**7.56%**
S&P 500 Index	10.61%	10.61%	13.96%	12.67%	5.81%
Large Cap Blend Fund Universe	10.40%	10.40%	12.98%	10.84%	4.80%
Large Cap Equities - Growth					
Wells Fargo Adv Growth Adm - SGRKX	**6.83%**	**6.83%**	**4.53%**	**17.09%**	**12.05%**
Russell 3000 Growth Index	9.82%	9.82%	10.42%	13.19%	7.44%
Franklin Growth Adv - FCGAX	**8.03%**	**8.03%**	**8.94%**	**10.29%**	**7.19%**
Russell 1000 Growth Index	9.54%	9.54%	10.09%	13.06%	7.30%
Large Cap Growth Fund Universe	8.79%	8.79%	8.43%	10.82%	5.42%
Mid Cap Equities - Value					
RidgeWorth Mid Cap Value Equity I - SMVTX	**11.15%**	**11.15%**	**19.73%**	**12.54%**	**11.37%**
Russell Mid Cap Value	14.21%	14.21%	21.49%	14.96%	8.53%
Mid Cap Value Fund Universe	12.89%	12.89%	17.18%	12.22%	7.48%
Mid Cap Equities - Blend					
Columbia Mid Cap Index A - NTIAX	**13.33%**	**13.33%**	**17.29%**	**14.61%**	**9.44%**
S&P Mid Cap 400	13.45%	13.45%	17.83%	15.12%	9.85%
ASTON/Fairpointe Mid Cap I - ABMIX	**14.95%**	**14.95%**	**18.65%**	**12.70%**	**10.14%**
Wilshire 4500 Index	12.93%	12.93%	16.67%	14.36%	8.74%
Mid Cap Blend Fund Universe	12.34%	12.34%	15.79%	12.25%	6.81%
Mid Cap Equities - Growth					
Prudential Jennison Mid Cap Growth Z - PEGZX	**8.48%**	**8.48%**	**10.21%**	**13.44%**	**9.39%**
Russell Mid Cap Growth	11.51%	11.51%	12.76%	14.23%	7.98%
Mid Cap Growth Fund Universe	10.74%	10.74%	10.40%	12.54%	6.62%

Fund Returns in RED do not meet both benchmarks. **Fund Returns in BLACK meet both benchmarks.**

NDPERS Investment Benchmarks - 1st Quarter 2013

	Quarter	Y-T-D	1-Year	3-Year	5-Year
Small Cap Equities - Value					
Allianz NFJ Small Cap Value - PVADX	**12.30%**	**12.30%**	**16.10%**	**13.45%**	**8.54%**
Russell 2000 Value Index	11.63%	11.63%	18.09%	12.12%	7.29%
Small Value Fund Universe	12.29%	12.29%	16.34%	11.93%	8.30%
Small Cap Equities - Blend					
Parnassus Small Cap - PARSX	**4.86%**	**4.86%**	**6.14%**	**9.84%**	**11.58%**
Russell 2000 Index	12.39%	12.39%	16.30%	13.45%	8.24%
Small Blend Fund Universe	12.43%	12.43%	15.68%	13.29%	7.67%
Small Cap Equities - Growth					
Brown Capital Mgmt Small Co Inv - BCSIX	**14.45%**	**14.45%**	**19.34%**	**17.49%**	**13.64%**
Russell 2000 Growth Index	13.21%	13.21%	14.52%	14.75%	9.04%
Small Growth Fund Universe	12.07%	12.07%	11.57%	13.42%	8.20%
International Equity Funds					
Mutual Global Discovery Z - MDISX	**8.24%**	**8.24%**	**14.51%**	**8.40%**	**5.12%**
Vanguard Total Intl Stock Index Inv - VGTSX	**3.00%**	**3.00%**	**8.73%**	**N/A**	**N/A**
MSCI EAFE	5.13%	5.13%	11.25%	5.00%	-0.89%
International Stock Fund Universe	3.83%	3.83%	8.86%	5.49%	0.33%
Oppenheimer Developing Markets Y - ODVYX	**0.17%**	**0.17%**	**5.73%**	**7.29%**	**6.05%**
MSCI Emerging Markets Index	-1.62%	-1.62%	1.96%	3.27%	1.09%
Diversified Emerging Mkts Universe	-0.27%	-0.27%	3.65%	3.05%	0.16%
Asset Allocation Funds:					
TIAA-CREF Lifecycle Ret Income - TLIRX	**3.22%**	**3.22%**	**8.00%**	**8.09%**	**5.19%**
Income Benchmark	4.03%	4.03%	8.19%	7.65%	5.14%
TIAA-CREF Lifecycle 2010 - TCLEX	**3.85%**	**3.85%**	**8.61%**	**8.52%**	**4.90%**
2010 Benchmark	4.62%	4.62%	8.72%	8.04%	5.05%
TIAA-CREF Lifecycle 2015 - TCLIX	**4.36%**	**4.36%**	**9.08%**	**8.78%**	**4.79%**
2015 Benchmark	5.18%	5.18%	9.23%	8.38%	4.97%
TIAA-CREF Lifecycle 2020 - TCLTX	**5.06%**	**5.06%**	**9.78%**	**9.15%**	**4.64%**
2020 Benchmark	5.88%	5.88%	9.89%	8.81%	4.88%
TIAA-CREF Lifecycle 2025 - TCLFX	**5.73%**	**5.73%**	**10.33%**	**9.41%**	**4.44%**
2025 Benchmark	6.59%	6.59%	10.55%	9.24%	4.79%
TIAA-CREF Lifecycle 2030 - TCLNX	**6.50%**	**6.50%**	**10.97%**	**9.71%**	**4.18%**
2030 Benchmark	7.32%	7.32%	11.26%	9.67%	4.70%
TIAA-CREF Lifecycle 2035 - TCLRX	**7.09%**	**7.09%**	**11.33%**	**9.93%**	**4.16%**
2035 Benchmark	8.08%	8.08%	12.03%	10.10%	4.62%
TIAA-CREF Lifecycle 2040 - TCLOX	**7.42%**	**7.42%**	**11.72%**	**10.09%**	**4.29%**
2040 Benchmark	8.51%	8.51%	12.46%	10.33%	4.58%
TIAA-CREF Lifecycle 2045 - TTFRX	**7.49%**	**7.49%**	**11.74%**	**10.05%**	**3.99%**
2045 Benchmark	8.51%	8.51%	12.46%	10.33%	4.58%
TIAA-CREF Lifecycle 2050 - TLFRX	**7.41%**	**7.41%**	**11.58%**	**10.07%**	**3.93%**
2050 Benchmark	8.51%	8.51%	12.46%	10.33%	4.58%
TIAA-CREF Lifecycle 2055 - TTRLX	**7.46%**	**7.46%**	**11.73%**	**N/A**	**N/A**
2055 Benchmark	8.51%	8.51%	12.46%	10.33%	4.58%

Income Benchmark is comprised of 30% Wilshire 5000, 10% MSCI EAFE, 40% Ag Bond, 10% ML HY Bond, 10% 3 Month T-Bill
2010 Benchmark is comprised of 35.4% Wilshire 5000, 11.8% MSCI EAFE, 38.6% Ag Bond, 7.1% ML HY Bond, 7.1% 3 Month T-Bill
2015 Benchmark is comprised of 40.2% Wilshire 5000, 13.4% MSCI EAFE, 36.2% Ag Bond, 5.1% ML HY Bond, 5.1% 3 Month T-Bill
2020 Benchmark is comprised of 46.2% Wilshire 5000, 15.4% MSCI EAFE, 32.2% Ag Bond, 3.1% ML HY Bond, 3.1% 3 Month T-Bill
2025 Benchmark is comprised of 52.2% Wilshire 5000, 17.4% MSCI EAFE, 28.2% Ag Bond, 1.1% ML HY Bond, 1.1% 3 Month T-Bill
2030 Benchmark is comprised of 58.2% Wilshire 5000, 19.4% MSCI EAFE, 22.4% Ag Bond
2035 Benchmark is comprised of 64.2% Wilshire 5000, 21.4% MSCI EAFE, 14.4% Ag Bond
2040 Benchmark is comprised of 67.5% Wilshire 5000, 22.5% MSCI EAFE, 10% Ag Bond
2045 Benchmark is comprised of 67.5% Wilshire 5000, 22.5% MSCI EAFE, 10% Ag Bond
2050 Benchmark is comprised of 67.5% Wilshire 5000, 22.5% MSCI EAFE, 10% Ag Bond
2055 Benchmark is comprised of 67.5% Wilshire 5000, 22.5% MSCI EAFE, 10% Ag Bond

Wilshire 5000 Index	10.91%	10.91%	14.15%	12.82%	6.27%
MSCI EAFE	5.13%	5.13%	11.25%	5.00%	-0.89%
Barclays Aggregate Bond Index	-0.12%	-0.12%	3.77%	5.52%	5.47%
ML High Yield Bond Fund Index	2.85%	2.85%	13.06%	10.89%	11.32%
3 Month T-Bill Index	0.02%	0.02%	0.08%	0.09%	0.31%

Fund Returns in RED do not meet both benchmarks. **Fund Returns in BLACK meet both benchmarks.**

NDPERS Mutual Fund Research - 3/31/2013

Large Value

Fund	Symbol	Assets	Inception	Manager Tenure	Expense Ratio	Yield	Turnover	P/E	Morn-Star Rating	Category Rank 3 - Year	Category Rank 5 - Year	Average Return 3-month	Average Return 1-Year	Average Return 3-Year	Average Return 5-Year	Average Return 10-Year	Standard=S&P 500 Index R-Squared	Beta	Alpha	Standard Deviation	Sharpe Ratio
Hartford Dividend & Growth	HDGTX	7.0 Billion	12/22/2006	Team	0.75%	1.82	28%	12.5	4-Stars	46	33	10.71	13.91	11.04	5.52	N/A	98	0.96	-1.04	14.57	0.79
T.Rowe Price Equity Income	PRFDX	27.0 Billion	10/31/1985	26 years	0.68%	1.80	16%	12.0	4-Stars	47	31	11.19	17.20	11.84	5.53	9.04	97	1.01	-0.85	15.40	0.80

Large Blend

Fund	Symbol	Assets	Inception	Manager Tenure	Expense Ratio	Yield	Turnover	P/E	Morn-Star Rating	Category Rank 3 - Year	Category Rank 5 - Year	Average Return 3-month	Average Return 1-Year	Average Return 3-Year	Average Return 5-Year	Average Return 10-Year	Standard=S&P 500 Index R-Squared	Beta	Alpha	Standard Deviation	Sharpe Ratio
T.Rowe Price Capital Appreciation (Balanced)	PACLX	15.2 Billion	3/6/1990	5 Years	1.02%	1.41	60%	13.3	5-Stars	8	2	7.55	12.40	10.82	7.63	N/A				10.74	1.00
Vanguard 500 Index Signal	VIFSX	8.5 Billion	9/29/2006	19 Years	0.05%	2.05	3%	13.3	4-Stars	14	27	10.60	13.93	12.65	5.83	N/A	100	1.00	-0.02	15.01	0.86
Vanguard Dividend Growth	VDIGX	14.0 Billion	2/1/2006	7 Years	0.29%	1.99	11%	12.9	5-Stars	6	4	11.00	13.82	13.13	7.56	10.60	95	0.79	2.71	12.20	0.86

Large Growth

Fund	Symbol	Assets	Inception	Manager Tenure	Expense Ratio	Yield	Turnover	P/E	Morn-Star Rating	Category Rank 3 - Year	Category Rank 5 - Year	Average Return 3-month	Average Return 1-Year	Average Return 3-Year	Average Return 5-Year	Average Return 10-Year	Standard=S&P 500 Index R-Squared	Beta	Alpha	Standard Deviation	Sharpe Ratio
Wells Fargo Adv Growth Adm	SGRKX	10.3 Billion	8/30/2002	11 Years	0.96%	0.00	47%	19.8	5-Stars	3	1	6.83	4.53	17.09	12.05	13.12	86	1.07	3.29	17.40	0.99
Franklin Growth Adv	FCGAX	7.6 Billion	12/31/1996	Team	0.69%	0.42	4%	14.4	4-Stars	62	16	8.03	8.94	10.29	7.19	10.08	96	1.00	-2.08	15.28	0.71

Medium Value

Fund	Symbol	Assets	Inception	Manager Tenure	Expense Ratio	Yield	Turnover	P/E	Morn-Star Rating	Category Rank 3 - Year	Category Rank 5 - Year	Average Return 3-month	Average Return 1-Year	Average Return 3-Year	Average Return 5-Year	Average Return 10-Year	Standard=S&P 500 Index R-Squared	Beta	Alpha	Standard Deviation	Sharpe Ratio
RidgeWorth Mid Cap Value Equity I	SMVTX	2.7 Billion	11/30/2001	9 Years	1.04%	1.04	182%	14.2	4-Stars	55	5	11.15	19.73	12.54	11.37	13.87	92	1.32	-3.35	20.68	0.67

Medium Blend

Fund	Symbol	Assets	Inception	Manager Tenure	Expense Ratio	Yield	Turnover	P/E	Morn-Star Rating	Category Rank 3 - Year	Category Rank 5 - Year	Average Return 3-month	Average Return 1-Year	Average Return 3-Year	Average Return 5-Year	Average Return 10-Year	Standard=S&P 500 Index R-Squared	Beta	Alpha	Standard Deviation	Sharpe Ratio
Columbia Mid Cap Index A	NTIAX	2.7 Billion	5/31/2000	Team	0.45%	1.03	15%	17.2	4-Stars	24	15	13.33	17.29	14.61	9.44	12.04	93	1.15	0.24	17.91	0.85
ASTON/Fairpointe Mid Cap I	ABMIX	3.6 Billion	7/6/2004	Team	0.86%	0.98	28%	13.1	3-Stars	53	10	14.95	18.65	12.70	10.14	N/A	90	1.32	-3.17	20.95	0.67

Medium Growth

Fund	Symbol	Assets	Inception	Manager Tenure	Expense Ratio	Yield	Turnover	P/E	Morn-Star Rating	Category Rank 3 - Year	Category Rank 5 - Year	Average Return 3-month	Average Return 1-Year	Average Return 3-Year	Average Return 5-Year	Average Return 10-Year	Standard=S&P 500 Index R-Squared	Beta	Alpha	Standard Deviation	Sharpe Ratio
Prudential Jennison Mid Cap Growth Z	PEGZX	8.6 Billion	12/31/1996	6 Years	0.76%	0.33	49%	19.4	5-Stars	24	19	8.48	10.21	13.44	9.39	13.76	89	0.95	1.39	15.04	0.91

Small Value

Fund	Symbol	Assets	Inception	Manager Tenure	Expense Ratio	Yield	Turnover	P/E	Morn-Star Rating	Category Rank 3 - Year	Category Rank 5 - Year	Average Return 3-month	Average Return 1-Year	Average Return 3-Year	Average Return 5-Year	Average Return 10-Year	Standard=S&P 500 Index R-Squared	Beta	Alpha	Standard Deviation	Sharpe Ratio
Allianz NFJ Small Cap Value Admin	PVADX	7.3 Billion	11/1/1995	Team	1.03%	1.29	26%	13.8	5-Stars	14	51	12.30	16.10	13.45	8.54	12.95	90	0.97	1.13	15.33	0.90

Small Blend

Fund	Symbol	Assets	Inception	Manager Tenure	Expense Ratio	Yield	Turnover	P/E	Morn-Star Rating	Category Rank 3 - Year	Category Rank 5 - Year	Average Return 3-month	Average Return 1-Year	Average Return 3-Year	Average Return 5-Year	Average Return 10-Year	Standard=S&P 500 Index R-Squared	Beta	Alpha	Standard Deviation	Sharpe Ratio
Parnassus Small Cap	PARSX	0.7 Billion	4/29/2005	Team	1.20%	0.00	33%	15.1	3-Stars	95	7	4.86	6.14	9.84	11.58	N/A	83	1.27	-5.01	15.01	0.86

Small Growth

Fund	Symbol	Assets	Inception	Manager Tenure	Expense Ratio	Yield	Turnover	P/E	Morn-Star Rating	Category Rank 3 - Year	Category Rank 5 - Year	Average Return 3-month	Average Return 1-Year	Average Return 3-Year	Average Return 5-Year	Average Return 10-Year	Standard=S&P 500 Index R-Squared	Beta	Alpha	Standard Deviation	Sharpe Ratio
Brown Capital Mgmt Small Co Inv	BCSIX	1.6 Billion	1/2/1996	Team	1.21%	0.00	21%	27.7	5-Stars	8	1	14.45	19.34	17.49	13.64	13.88	78	1.10	3.52	18.65	0.96

International

Fund	Symbol	Assets	Inception	Manager Tenure	Expense Ratio	Yield	Turnover	P/E	Morn-Star Rating	Category Rank 3 - Year	Category Rank 5 - Year	Average Return 3-month	Average Return 1-Year	Average Return 3-Year	Average Return 5-Year	Average Return 10-Year	Standard=EAFE Index R-Squared	Standard=EAFE Index Beta	Standard=EAFE Index Alpha	Standard Deviation	Sharpe Ratio
Mutual Global Discovery Z	MDISX	19.9 Billion	12/31/1992	Team	1.02%	1.73	25%	11.2	5-Stars	44	13	8.24	14.51	8.40	5.12	11.93	91	0.62	4.63	12.67	0.69
Vanguard Total Intl Stock Index Inv	VGTSX	1.5 Billion	4/29/1996	3 Years	0.22%	3.08	3%	12.0	4-Stars	66	48	3.00	8.73	N/A	N/A	N/A	97	1.00	-0.57	19.67	0.31
Oppenheimer Developing Markets Y	ODVYX	33.5 Billion	9/7/2005	4 Years	1.03%	0.71	20%	16.7	5-Stars	7	4	0.17	5.73	7.29	6.05	N/A	79	0.91	2.82	19.79	0.45

Lifestyle / Others

Fund	Symbol	Assets	Inception	Manager Tenure	Expense Ratio	Yield	Turnover	P/E	Morn-Star Rating	Category Rank 3 - Year	Category Rank 5 - Year	Average Return 3-month	Average Return 1-Year	Average Return 3-Year	Average Return 5-Year	Average Return 10-Year	Standard=S&P 500 Index R-Squared	Standard=S&P 500 Index Beta	Standard=S&P 500 Index Alpha	Standard Deviation	Sharpe Ratio
Vanguard Prime Money Market	VMMXX	121.9 Billion		9 Years	0.16%	0.01						0.00	0.03	0.05	0.49	1.80				0.01	-3.80
Wells Fargo Stable Return Fund J	WFSJ	27.5 Billion	10/1/1985		0.85%							0.25	1.14	1.57	2.12	2.96	N/A	N/A	N/A	N/A	N/A
PIMCO Real Return Bond Fund	PARRX	24.6 Billion	4/28/2000	3 Years	0.70%	2.41	129%		5-Stars	5	3	0.06	7.34	8.85	6.51	6.64	N/A	N/A	N/A	4.51	1.89
PIMCO Total Return Bond Fund	PTRAX	289.1 Billion	9/8/1994	22 Years	0.71%	3.65	584%		5-Stars	30	15	0.54	7.65	6.65	7.50	6.39	N/A	N/A	N/A	3.22	1.99
Prudential High Yield Z	PHYZX	3.0 Billion	3/1/1996	Team	0.62%	6.76	48%	9.1	5-Stars	16	11	2.74	11.80	10.72	10.89	9.59	N/A	N/A	N/A	6.48	1.60
Templeton Global Bond Adv	TGBAX	70.9 Billion	12/31/1996	Team	0.64%	5.73	42%		5-Stars	20	1	1.41	9.88	6.94	9.12	10.50	N/A	N/A	N/A	9.56	0.74
Cohen & Steers Realty Shares	CSRSX	5.4 Billion	7/2/1991	Team	0.98%	1.89	90%	42.5	4-Stars	7	17	7.61	12.80	15.28	7.31	13.48	N/A	N/A	N/A	17.23	0.91
TIAA-CREF Lifecycle Ret Income	TLIRX	211 Million	11/30/2007	Team	0.64%	2.35	13%	14.0	4-Stars	10	14	3.22	8.00	8.09	5.19	N/A	N/A	N/A	N/A	6.78	1.17
TIAA-CREF Lifecycle 2010	TCLEX	906 Million	10/15/2004	Team	0.66%	2.16	13%	14.1	4-Stars	8	24	3.85	8.61	8.52	4.90	N/A	N/A	N/A	N/A	8.39	1.01
TIAA-CREF Lifecycle 2015	TCLIX	1.3 Billion	10/15/2004	Team	0.67%	2.18	11%	14.1	3-Stars	8	22	4.36	9.08	8.78	4.79	N/A	N/A	N/A	N/A	9.72	0.91
TIAA-CREF Lifecycle 2020	TCLTX	1.8 Billion	10/15/2004	Team	0.69%	2.05	8%	14.1	3-Stars	14	22	5.06	9.78	9.15	4.64	N/A	N/A	N/A	N/A	11.06	0.84
TIAA-CREF Lifecycle 2025	TCLFX	1.7 Billion	10/15/2004	Team	0.71%	1.94	7%	14.1	3-Stars	14	24	5.73	10.33	9.43	4.44	N/A	N/A	N/A	N/A	12.46	0.78
TIAA-CREF Lifecycle 2030	TCLNX	1.6 Billion	10/15/2004	Team	0.72%	1.75	5%	14.1	3-Stars	18	29	6.50	10.97	9.71	4.18	N/A	N/A	N/A	N/A	13.85	0.73
TIAA-CREF Lifecycle 2035	TCLRX	1.6 Billion	10/15/2004	Team	0.73%	1.55	4%	14.1	3-Stars	19	34	7.09	11.33	9.93	4.16	N/A	N/A	N/A	N/A	15.18	0.69
TIAA-CREF Lifecycle 2040	TCLOX	2.2 Billion	10/15/2004	Team	0.74%	1.51	5%	14.1	3-Stars	20	24	7.42	11.72	10.09	4.29	N/A	N/A	N/A	N/A	15.43	0.70
TIAA-CREF Lifecycle 2045	TTFRX	553 Million	11/30/2007	Team	0.74%	1.66	9%	14.1	3-Stars	19	38	7.49	11.74	10.05	3.99	N/A	N/A	N/A	N/A	15.46	0.69
TIAA-CREF Lifecycle 2050	TLFRX	303 Million	11/30/2007	Team	0.74%	1.65	6%	14.1	3-Stars	20	51	7.41	11.58	10.07	3.93	N/A	N/A	N/A	N/A	15.39	0.70
TIAA-CREF Lifecycle 2055	TTRLX	30 Million	4/29/2011	Team	0.74%	1.62	44%	14.1	N/A	N/A	N/A	7.46	11.73	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

R-squared - This compares a fund's performance to a given index. If R-squared is 100, the fund moves in lockstep with the index to which it is being compared. Generally, a higher R-squared will indicate a more useful beta figure. If the R-squared is lower, then the beta is less relevant to the fund's performance.

Beta - This compares a fund's volatility to a given index. If beta is greater than 1, the fund is more volatile than the index to which it is being compared. If beta is lower than 1, the fund is less volatile than the index. If a fund's R-squared is low, beta is less reliable as a predictor of volatility.

Alpha - This is a measure of risk-adjusted performance. The higher a fund's alpha, the better it has done. A fund's alpha is only reliable when its R-squared is relatively high.

Standard Deviation - The higher this number is, the more volatile the fund's returns have been. It indicates how much the fund has deviated from its mean total return over the past three years.

Sharpe Ratio - This measure combines standard deviation and mean total return to show a risk-adjusted measure of the fund's performance. The higher this number is, the better. As a rule of thumb, a Sharpe ratio of more than 1.00 is very good.

TIAA-CREF Quarterly Performance

North Dakota Public Employees Retirement System

457 Deferred Compensation Companion Plan

Investment Performance as of 03/31/2013

Before making your investment choices and completing your enrollment form, you should consider the investment objectives, risks, charges and expenses carefully. Please call 877 518-9161 for a paper copy of the prospectus that contains this and other information. Please read the prospectus carefully before investing. To view the prospectuses online, go to tiaa-cref.org/PRO and enter your Plan ID: 405546. You can also view TIAA-CREF's privacy policy, business continuity statement, and frequent trading policy at tiaa-cref.org/PRO.

The performance data quoted represents past performance, and is no guarantee of future results. Your returns and the principal value of your investment will fluctuate so that your mutual fund shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than the performance quoted. For performance current to the most recent month-end, go to tiaa-cref.org/planinvestmentoptions and enter your Plan ID: 405546 or call 800 TIAA-CREF (800 842-2273). Performance may reflect waivers or reimbursements of certain expenses. Absent these waivers or reimbursement arrangements, performance results would have been lower. Since Inception performance shown is cumulative for periods less than one year.

Equities

				Total Returns		Average Annual Total Returns					Total Annual Operating Expenses	
MUTUAL FUND	Investment Number	Ticker Symbol	Inception Date	3-Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Gross/Net	Fee Waiver Expiration
AllianzGI NFJ Small Cap Value Fund –Administrative [40, 45, 148]	1881	PVADX	11/01/95	12.30%	12.30%	16.10%	13.45%	8.54%	12.95%	12.02%	1.12%/1.04%	10/31/13
Benchmark: Russell 2000 Value Index				*11.63%*	*11.63%*	*18.09%*	*12.12%*	*7.29%*	*11.29%*	*10.17%*		
ASTON/Fairpointe Mid Cap Fund–I [40]	1588	ABMIX	07/06/04	14.95%	14.95%	18.65%	12.70%	10.14%	–	9.69%	0.86%/0.86%	–
Benchmark: S&P MidCap 400 Index				*13.45%*	*13.45%*	*17.83%*	*15.12%*	*9.85%*	–	*9.50%*		
Brown Capital Management Small Company Fund –Institutional [40, 1203]	1525	BCSIX	07/23/92	14.45%	14.45%	19.34%	17.49%	13.64%	13.88%	11.84%	1.35%/1.35%	–
Benchmark: Russell 2000 Index				*12.39%*	*12.39%*	*16.30%*	*13.45%*	*8.24%*	*11.52%*	*9.61%*		
Cohen & Steers Realty Shares [40]	1306	CSRSX	07/02/91	7.61%	7.61%	12.80%	15.28%	7.31%	13.48%	12.46%	1.03%/1.03%	–
Benchmark: FTSE NAREIT All Equity REITs Index				*8.10%*	*8.10%*	*17.11%*	*17.67%*	*7.10%*	*12.58%*	*11.78%*		
Columbia Mid Cap Index Fund–A [40, 45]	1236	NTIAX	05/31/00	13.33%	13.33%	17.29%	14.61%	9.44%	12.04%	8.10%	0.68%/0.46%	06/30/13
Benchmark: S&P MidCap 400 Index				*13.45%*	*13.45%*	*17.83%*	*15.12%*	*9.85%*	*12.45%*	*8.56%*		
Franklin Growth Fund–Advisor [40, 46]	1586	FCGAX	12/31/96	8.03%	8.03%	8.94%	10.29%	7.19%	10.08%	6.82%	0.71%/0.70%	–
Benchmark: S&P 500 Index				*10.61%*	*10.61%*	*13.96%*	*12.67%*	*5.81%*	*8.53%*	*6.65%*		
Hartford Dividend and Growth Fund–R5 [40]	1890	HDGTX	12/22/06	10.71%	10.71%	13.91%	11.04%	5.52%	–	4.60%	0.75%/0.75%	–
Benchmark: S&P 500 Index				*10.61%*	*10.61%*	*13.96%*	*12.67%*	*5.81%*	–	*3.94%*		
Mutual Global Discovery Fund–Z [40]	1167	MDISX	12/31/92	8.24%	8.24%	14.51%	8.40%	5.12%	11.93%	12.39%	1.01%/1.01%	–
Benchmark: S&P 500 Index				*10.61%*	*10.61%*	*13.96%*	*12.67%*	*5.81%*	*8.53%*	*8.65%*		
Oppenheimer Developing Markets Fund–Y [40]	1591	ODVYX	09/07/05	0.17%	0.17%	5.73%	7.29%	6.05%	–	12.34%	1.03%/1.03%	–
Benchmark: MSCI Emerging Markets Index				*-1.62%*	*-1.62%*	*1.96%*	*3.27%*	*1.09%*	–	*9.28%*		

Financial Services

Investment products, insurance and annuity products: are not FDIC insured, are not bank guaranteed, are not deposits, are not insured by any federal government agency, are not a condition to any banking service or activity, and may lose value.

Equities

MUTUAL FUND	Investment Number	Ticker Symbol	Inception Date	Total Returns 3-Month	Total Returns YTD	Average Annual Total Returns 1 Year	3 Year	5 Year	10 Year	Since Inception	Total Annual Operating Expenses Gross/Net	Fee Waiver Expiration
Parnassus Small Cap Fund [40, 45]	1527	PARSX	04/29/05	4.86%	4.86%	6.14%	9.84%	11.58%	–	8.73%	1.22%/1.20%	05/01/13
Benchmark: Russell 2000 Index				*12.39%*	*12.39%*	*16.30%*	*13.45%*	*8.24%*	–	*7.91%*		
Prudential Jennison Mid-Cap Growth Fund—Z [40]	621	PEGZX	12/31/96	8.48%	8.48%	10.21%	13.44%	9.39%	13.76%	10.19%	0.76%/0.76%	–
Benchmark: Russell Midcap Growth Index				*11.51%*	*11.51%*	*12.76%*	*14.23%*	*7.98%*	*11.53%*	*7.68%*		
RidgeWorth Mid Cap Value Equity Fund—I [40, 137]	1284	SMVTX	11/30/01	11.15%	11.15%	19.73%	12.54%	11.37%	13.87%	9.46%	1.07%/1.07%	–
Benchmark: Russell Midcap Value Index				*14.21%*	*14.21%*	*21.49%*	*14.96%*	*8.53%*	*12.57%*	*10.02%*		
T. Rowe Price Capital Appreciation Fund—Advisor [40, 45]	395	PACLX	12/31/04	7.55%	7.55%	12.40%	10.82%	7.63%	–	7.10%	1.02%/1.01%	–
Benchmark: S&P 500 Index				*10.61%*	*10.61%*	*13.96%*	*12.67%*	*5.81%*	–	*5.37%*		
T. Rowe Price Equity Income Fund [40]	1660	PRFDX	10/31/85	11.19%	11.19%	17.20%	11.84%	5.53%	9.04%	11.02%	0.68%/0.68%	–
Benchmark: S&P 500 Index				*10.61%*	*10.61%*	*13.96%*	*12.67%*	*5.81%*	*8.53%*	*10.56%*		
Vanguard 500 Index Fund—Signal [40]	296	VIFSX	09/29/06	10.60%	10.60%	13.93%	12.65%	5.83%	–	4.76%	0.05%/0.05%	–
Benchmark: S&P 500 Index				*10.61%*	*10.61%*	*13.96%*	*12.67%*	*5.81%*	–	*4.75%*		
Vanguard Dividend Growth Fund—Investor [16, 40]	1734	VDIGX	05/15/92	11.00%	11.00%	13.82%	13.13%	7.56%	10.60%	7.68%	0.31%/0.31%	–
Benchmark: Russell 1000 Index				*10.96%*	*10.96%*	*14.43%*	*12.93%*	*6.15%*	*8.97%*	*9.00%*		
Vanguard Total International Stock Index Fund —Signal [40]	1716	VTSGX	11/29/10	3.00%	3.00%	8.73%	–	–	–	4.75%	0.16%/0.16%	–
Benchmark: MSCI All Country World ex USA Investable Market Index				*3.57%*	*3.57%*	*8.62%*	–	–	–	*4.86%*		
Wells Fargo Advantage Growth Fund —Administrator [40, 45]	1888	SGRKX	08/30/02	6.83%	6.83%	4.53%	17.09%	12.05%	13.12%	12.09%	1.05%/0.97%	11/30/13
Benchmark: Russell 3000 Growth Index				*9.82%*	*9.82%*	*10.42%*	*13.19%*	*7.44%*	*8.84%*	*7.81%*		

Fixed Income

MUTUAL FUND	Investment Number	Ticker Symbol	Inception Date	Total Returns 3-Month	Total Returns YTD	Average Annual Total Returns 1 Year	3 Year	5 Year	10 Year	Since Inception	Total Annual Operating Expenses Gross/Net	Fee Waiver Expiration
PIMCO Real Return Fund—Administrative [40, 51]	1820	PARRX	04/28/00	0.06%	0.06%	7.34%	8.85%	6.51%	6.64%	7.70%	0.72%/0.70%	–
Benchmark: Barclays U.S. Treasury Inflation Protected Securities (TIPS) Index (Series-L)				*-0.36%*	*-0.36%*	*5.68%*	*8.57%*	*5.89%*	*6.32%*	*7.53%*		
PIMCO Total Return Fund—Admin [40]	583	PTRAX	09/08/94	0.54%	0.54%	7.65%	6.65%	7.50%	6.39%	7.39%	0.71%/0.71%	–
Benchmark: Barclays U.S. Aggregate Bond Index				*-0.12%*	*-0.12%*	*3.77%*	*5.52%*	*5.47%*	*5.02%*	*6.44%*		
Prudential High Yield Fund—Z [16, 40]	1887	PHYZX	03/01/96	2.74%	2.74%	11.80%	10.72%	10.89%	9.59%	6.90%	0.62%/0.62%	–
Benchmark: Merrill Lynch U.S. High-Yield Master II Index				*2.85%*	*2.85%*	*13.06%*	*10.89%*	*11.32%*	*9.94%*	*7.62%*		
Templeton Global Bond Fund—Advisor [40, 45]	1255	TGBAX	12/31/96	1.41%	1.41%	9.88%	6.94%	9.12%	10.50%	8.56%	0.66%/0.65%	–
Benchmark: Citi World Government Bond Index USD				*-2.77%*	*-2.77%*	*-0.67%*	*3.86%*	*2.77%*	*5.42%*	*5.33%*		

Money Market

MUTUAL FUND	Investment Number	Ticker Symbol	Inception Date	Current 7-day Yield*	Total Returns 3-Month	Total Returns YTD	Average Annual Total Returns 1 Year	3 Year	5 Year	10 Year	Since Inception	Total Annual Operating Expenses Gross/Net	Fee Waiver Expiration
Vanguard Prime Money Market Fund —Investor [31, 40, 77]	338	VMMXX	06/04/75	0.01%	0.00%	0.00%	0.03%	0.05%	0.49%	1.80%	5.63%	0.16%/0.16%	–
Benchmark: Citi 3-Month Treasury Bill Index				–	*0.02%*	*0.02%*	*0.08%*	*0.09%*	*0.31%*	*1.66%*	–		

* The current yield more closely reflects the earnings of this investment choice.

Financial Services

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Multi-Asset

MUTUAL FUND	Investment Number	Ticker Symbol	Inception Date	Total Returns 3-Month	Total Returns YTD	Average Annual Total Returns 1 Year	3 Year	5 Year	10 Year	Since Inception	Total Annual Operating Expenses Gross/Net	Fee Waiver Expiration
TIAA-CREF Lifecycle 2010 Fund–Retirement [45, 132]	135	TCLEX	10/15/04	3.85%	3.85%	8.61%	8.52%	4.90%	--	5.58%	0.85%/0.66%	09/30/13
Benchmark: Lifecycle 2010 Fund Composite Index				4.22%	4.22%	8.32%	8.41%	5.15%	–	5.79%		
Benchmark: Barclays U.S. Aggregate Bond Index				-0.12%	-0.12%	3.77%	5.52%	5.47%	–	5.16%		
TIAA-CREF Lifecycle 2015 Fund–Retirement [45, 132]	136	TCLIX	10/15/04	4.36%	4.36%	9.08%	8.78%	4.79%	--	5.63%	0.85%/0.67%	09/30/13
Benchmark: Lifecycle 2015 Fund Composite Index				4.82%	4.82%	8.90%	8.75%	5.02%	–	5.83%		
Benchmark: Russell 3000 Index				11.07%	11.07%	14.56%	12.97%	6.32%	–	6.89%		
TIAA-CREF Lifecycle 2020 Fund–Retirement [45, 132]	137	TCLTX	10/15/04	5.06%	5.06%	9.78%	9.15%	4.64%	--	5.55%	0.87%/0.69%	09/30/13
Benchmark: Lifecycle 2020 Fund Composite Index				5.55%	5.55%	9.65%	9.14%	4.91%	–	5.76%		
Benchmark: Russell 3000 Index				11.07%	11.07%	14.56%	12.97%	6.32%	–	6.89%		
TIAA-CREF Lifecycle 2025 Fund–Retirement [45, 132]	138	TCLFX	10/15/04	5.73%	5.73%	10.33%	9.43%	4.44%	--	5.47%	0.89%/0.71%	09/30/13
Benchmark: Lifecycle 2025 Fund Composite Index				6.30%	6.30%	10.38%	9.52%	4.76%	–	5.70%		
Benchmark: Russell 3000 Index				11.07%	11.07%	14.56%	12.97%	6.32%	–	6.89%		
TIAA-CREF Lifecycle 2030 Fund–Retirement [45, 132]	139	TCLNX	10/15/04	6.50%	6.50%	10.97%	9.71%	4.18%	--	5.32%	0.90%/0.72%	09/30/13
Benchmark: Lifecycle 2030 Fund Composite Index				7.04%	7.04%	11.12%	9.88%	4.58%	–	5.62%		
Benchmark: Russell 3000 Index				11.07%	11.07%	14.56%	12.97%	6.32%	–	6.89%		
TIAA-CREF Lifecycle 2035 Fund–Retirement [45, 132]	140	TCLRX	10/15/04	7.09%	7.09%	11.33%	9.93%	4.16%	--	5.46%	0.91%/0.73%	09/30/13
Benchmark: Lifecycle 2035 Fund Composite Index				7.79%	7.79%	11.84%	10.23%	4.65%	–	5.79%		
Benchmark: Russell 3000 Index				11.07%	11.07%	14.56%	12.97%	6.32%	–	6.89%		
TIAA-CREF Lifecycle 2040 Fund–Retirement [45, 132]	141	TCLOX	10/15/04	7.42%	7.42%	11.72%	10.09%	4.29%	--	5.76%	0.92%/0.74%	09/30/13
Benchmark: Lifecycle 2040 Fund Composite Index				8.17%	8.17%	12.27%	10.42%	4.76%	–	6.06%		
Benchmark: Russell 3000 Index				11.07%	11.07%	14.56%	12.97%	6.32%	–	6.89%		
TIAA-CREF Lifecycle 2045 Fund–Retirement [45, 132]	522	TIFRX	11/30/07	7.49%	7.49%	11.74%	10.05%	3.99%	--	1.64%	0.97%/0.74%	09/30/13
Benchmark: Lifecycle 2045 Fund Composite Index				8.17%	8.17%	12.27%	10.42%	4.76%	–	2.60%		
Benchmark: Russell 3000 Index				11.07%	11.07%	14.56%	12.97%	6.32%	–	3.82%		
TIAA-CREF Lifecycle 2050 Fund–Retirement [45, 132]	525	TLFRX	11/30/07	7.41%	7.41%	11.58%	10.07%	3.93%	--	1.58%	1.01%/0.74%	09/30/13
Benchmark: Lifecycle 2050 Fund Composite Index				8.17%	8.17%	12.27%	10.42%	4.76%	–	2.60%		
Benchmark: Russell 3000 Index				11.07%	11.07%	14.56%	12.97%	6.32%	–	3.82%		
TIAA-CREF Lifecycle 2055 Fund–Retirement [45, 132]	1738	TTRLX	04/29/11	7.46%	7.46%	11.73%	–	–	--	5.81%	1.56%/0.74%	09/30/13
Benchmark: Lifecycle 2055 Fund Composite Index				8.17%	8.17%	12.27%	–	–	–	6.69%		
Benchmark: Russell 3000 Index				11.07%	11.07%	14.56%	–	–	–	9.58%		
TIAA-CREF Lifecycle Retirement Income Fund –Retirement [45, 132]	528	TLIRX	11/30/07	3.22%	3.22%	8.00%	8.09%	5.19%	--	4.18%	0.91%/0.64%	09/30/13
Benchmark: Lifecycle Retirement Income Fund Composite Index				3.54%	3.54%	7.65%	8.02%	5.54%	–	4.66%		
Benchmark: Barclays U.S. Aggregate Bond Index				-0.12%	-0.12%	3.77%	5.52%	5.47%	–	5.60%		

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Financial Services

Investment products, insurance and annuity products: are not FDIC insured, are not bank guaranteed, are not deposits, are not insured by any federal government agency, are not a condition to any banking service or activity, and may lose value.

A NOTE ABOUT RISK

Equity mutual funds generally carry a higher degree of risk than fixed income funds and accounts. This risk is heightened for funds that invest in small and mid-cap stocks and foreign securities.

Fixed income mutual funds are not guaranteed and are subject to interest rate, inflation and credit risks. Funds that invest in non-investment grade securities (i.e. high-yield) present special risks, including significantly higher interest rate and credit risk.

Mutual funds that invest in real estate securities are subject to various risks, including fluctuation in property values, higher expenses or lower income than expected, and potential environmental problems and liability.

More detailed information on risks applicable to a particular investment option can be found in the prospectus or other product literature.

About the Benchmark

A benchmark provides an investor with a point of reference to evaluate an investment's performance. One common type of benchmark used to compare investment performance is called an index. Indexes are unmanaged portfolios of securities designed to track the performance of a particular segment of the market. For example, a large cap stock fund or account will usually be compared to an index that tracks a portfolio of large-cap stocks. Conversely, a bond fund or account is typically compared to an index that tracks a portfolio of bonds that is comparable to the fund or account's portfolio in terms of credit quality, maturity and liquidity. Each mutual fund or account shown in the chart includes performance information for an index that the advisor determined provides a fair comparison of the fund or account's investment performance. Indexes are for comparison purposes only. You cannot invest directly in any index. Index returns do not reflect a deduction for fees or expenses.

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Important Information

16 The comparative indices used for this investment product have been provided by Morningstar, Inc. and may not match those that appear in other websites or publications.

77 An investment in the fund is neither insured nor guaranteed by the Federal Deposit Insurance Corporation or any other U.S. government agency. The fund will attempt to maintain a stable net asset value of $1.00 per share, but it is possible to lose money by investing in the fund.

31 The 7-day money market yield listed more closely reflects the current earnings of the money market mutual fund(s) than does the total return.

40 Accumulations in funds not managed by TIAA-CREF may be subject to administrative charges. These charges are subject to change. Please review current documents related to your plan.

132 As Target Retirement Date Funds are actively managed, their asset allocations are subject to change and may vary from those indicated. They invest in many underlying funds and are exposed to the risks of different areas of the market. The higher a fund's allocation to stocks, the greater the risk. After the target date has been reached, some of these funds may be merged into a fund with a more stable asset allocation. In addition to the fund level expenses these funds are also subject to the expenses of their underlying investments. Please consult the prospectus for more complete information.

34 The Wells Fargo Stable Return Fund is a collective investment trust fund for which Wells Fargo Bank, N.A. ("Wells Fargo") is the investment advisor and trustee. Gaillard Capital Management, Inc., a wholly-owned subsidiary of Wells Fargo, serves as subadvisor to the Fund. The Fund charges an annualized fee for investment and administrative services equivalent to 0.85% of assets invested in the Fund. From this fee, the Fund will pay a fee equivalent to 0.50% of assets invested in the Fund to the Recordkeeper for administrative and recordkeeping services performed by it, or its agents, related to the purchase, sale and holding of fund units. The difference between the Fund's total annual operating expenses (expense ratio) and the investment and administrative services fee described above is attributable to investment contract fees (wrap fees), acquired fund fees, subadvisor investment management expenses, audit, valuation and 5500 fees. Fund returns reflect all income, realized and unrealized capital gains and losses and all annual fund operating expenses. The Fund is not insured by the FDIC, Federal Reserve Bank, nor guaranteed by Wells Fargo or any affiliate, including Gaillard Capital Management. Past performance is not an indication of how the investment will perform in the future. For additional details, please visit https://www.gaillard.com/reports/srf_disclosure.pdf or refer to the Fund fact sheet.

37 Data provided by Gaillard Capital Management. Neither TIAA-CREF nor its affiliates has independently verified the accuracy or completeness of this information.

45 The net annual expense reflects a contractual reimbursement of various expenses, which will remain in effect until terminated. Had fees not been waived and/or expenses reimbursed currently or in the past, returns would have been lower. Please see the prospectus for details.

46 The net annual expense reflects a voluntary reimbursement of various expenses, which will remain in effect until terminated. Had fees not been waived and/or expenses reimbursed currently or in the past, returns would have been lower. Please see the prospectus for details.

51 The net expense ratio reflects total annual fund operating expenses excluding interest expense. If interest expense was included, returns would have been lower. Please see the prospectus for details.

86 The Wells Fargo Stable Return Fund is not insured or guaranteed by any governmental agency. Investments in the fund are subject to the various risks associated with investing in investment contracts, which include default, interest-rate, and liquidity risk. Default risk is the risk that companies or individuals will not be able to make their required payments on debt obligations. Interest rate risk is the risk that interest payments of debt securities may become less competitive during periods of rising interest rates and declining bond prices. Liquidity risk is the risk that illiquid securities may be difficult to sell at their fair market value. Before investing, please see the fund's Disclosure Document for more detailed information about these and other risks.

137 Prior to December 1, 2012, the fund was known as Wells Fargo Advantage Total Return Bond Fund.

148 Prior to January 28, 2013, the fund was known as Allianz NFJ Small Cap Value Fund.

1203 Shares held less than 60 calendar days may be subject to a 2.00% redemption fee. Please see the prospectus for details. The fund performance shown does not reflect the deduction of this fee. Had the fee been deducted, returns would have been lower.

There are inherent risks in investing. More information on investment risks appears at the end of the performance table. Mutual funds are offered through your plan sponsor's retirement plan, which is administered by TIAA-CREF. Funds are offered at that day's net asset value (NAV), and the performance is displayed accordingly. Performance at NAV does not reflect sales charges, which are waived through your pension plan. If included, the sales charges would have reduced the performance as quoted.

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