

INVESTMENT PERFORMANCE SUMMARIES DISCLOSURE

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 accumulation units or shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than the performance quoted within. For the most recent month end performance, visit the TIAA website at <https://www.tiaa.org/public/tcftp/InvestResearch> or call 877-518-9161.

For mutual fund prospectuses, or for annuities the contract prospectus and, if applicable, the underlying funds' prospectuses visit the TIAA website at <http://www.tiaa.org/public/prospectuses/> or call 877-518-9161.

TIAA Mutual Funds are managed by Teacher's Advisors, LLC under the supervision of the Board of Trustees. Advisors is an indirect wholly-owned subsidiary of TIAA. It is registered as an investment adviser with the U.S. Securities and Exchange Commission under the Investment Advisers Act of 1940.

CREF variable annuity accounts are managed by TIAA Investment Management, LLC, a registered investment adviser.

Annuity account options are available through contracts issued by TIAA or CREF. These contracts are designed for retirement or other long-term goals, and offer a variety of income options, including lifetime income. Payments from the variable annuity accounts [and mutual funds] are not guaranteed and will rise or fall based on investment performance. Mutual funds do not offer the range of income options available through annuities.

The CREF Money Market Account and TIAA-CREF Money Market Fund are not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. Although the TIAA-CREF Money Market Fund seeks to preserve the value of your investment at \$1 per share, it is possible to lose money by investing in the fund.

The current yield of the money market funds/accounts more closely reflects current earnings than does the total return.

For the CREF variable annuity accounts we estimate expenses for the coming year based on projected expenses, asset levels and other relevant factors. At the end of each quarter, we compare these projections with the account's actual experience and adjust the account's expenses upward or downward to reflect any difference. These adjustments are made in equal daily installments over the remaining days of the new quarter.

TIAA-CREF Individual & Institutional Services, LLC and Teachers Personal Investors Services, Inc. and Nuveen Securities, LLC, Members FINRA and SIPC, distribute securities products. Annuity contracts and certificates are issued by Teachers Insurance and Annuity Association of America (TIAA) and College Retirement Equities Fund (CREF), New York, NY. Each is solely responsible for its own financial condition and contractual obligations.

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. Securities offered through Nuveen Securities, LLC.

Please note that equity returns have historically been higher than other asset classes, but carry considerable risk of principal. Small stocks are traditionally more volatile than large stocks. Fixed income returns have historically been less than equity returns, are subject to interest rate risk, but bring greater safety of principal. Real estate investing has special risks, including fluctuations in property value, higher expenses or lower income than expected, and potential environmental problems and liability.

Morningstar is an independent service that rates mutual funds and variable annuities, based on risk-adjusted returns. Although Morningstar data are gathered from reliable sources, neither Morningstar nor TIAA can guarantee its completeness and accuracy. Morningstar does not rate money market accounts. Past performance does not guarantee future results. Accumulation net asset values and returns will vary.

Morningstar ratings include Retail, Retirement, Premier and Institutional fund share classes that have completed one calendar year of performance; CREF Variable Annuity Accounts; and the Life Funds. Please note Morningstar rates CREF group variable annuities within the open-end mutual fund universe. Current rankings may be higher or lower on a monthly basis. Morningstar is an independent service that rates mutual funds and variable annuities. The top 10% of accounts in an investment category receive five stars, the next 22.5% receive four stars, and the next 35% receive three stars. Morningstar proprietary ratings reflect historical risk-adjusted performance and can change every month. They are calculated from the account's three-, five- and ten-year average annual returns in excess of 90-day Treasury bill returns with appropriate fee adjustments, and a risk factor that reflects subaccount performance below 90-day T-bill returns. Past performance cannot guarantee future results. For current performance and rankings, please visit <https://www.tiaa.org/public/tcftp/InvestResearch>.

There are special risks associated with investments in foreign securities, including erratic market conditions economic and political instability and fluctuations in currency exchange rates.

TIAA may use fair value pricing when there are significant market movements in the United States after foreign markets have closed and it is expected that prices on those markets will change when they open the next day. Our benchmark indexes do not use this procedure. This difference in calculating share prices may magnify differences between a fund's performance and that of its benchmark. For a full description of fair value pricing, please see the section 'Calculating share price' in the mutual fund prospectuses.

Lifecycle Fund Disclosures:

The Target Date is the approximate date when investors plan to start withdrawing their money.

The principal investment in any Lifecycle Fund is not guaranteed at any time even at or after the Target Date has been reached.

The Lifecycle Funds are Actively Managed fund of funds that invest primarily in Actively Managed Mutual Funds. Any chart or depiction of Lifecycle Fund asset allocation or glide paths will reflect current allocation and may be subject to change at any moment without notice.

Approximately seven to ten years following the Lifecycle Fund's target date the Fund may be merged into the TIAA-CREF Lifecycle Retirement Income Fund.

Benchmark Disclosures:

Please note, you cannot invest directly in any index.

The Morgan Stanley Capital International Europe, Australasia, Far East (EAFE) Index is an unmanaged index. The Index tracks the performance of the leading stocks in 21 MSCI developed countries outside of North America. EAFE is a trademark of Morgan Stanley Capital International, Inc. The Morgan Stanley Capital International All Country World Ex USA Index is a free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of developed and emerging market nations, excluding the United States. The MSCI Emerging Markets® (EM) Index tracks the performance of the leading stocks in 20 MSCI emerging countries in the following areas: Europe, Asia, Africa, Latin America and the Middle East. The MSCI All Country World Commodity Producers Sector Capped Index (the "Index") is a free float-adjusted index that tracks the overall performance of stocks of commodity producers in 24 developed market and 21 emerging market countries around the world.

The iMoneyNet Money Fund Averages™ – All Government is a simple average of over 500 money market funds that invest in U.S. Treasuries, U.S. Agencies, repurchase agreements and government-backed floating rate notes and you cannot invest directly in it.

Standard & Poor's 500 Index and S&P are registered trademarks. The S&P 500 Index is an unmanaged index of 500 stocks. S&P 500 is a trademark of The McGraw-Hill Companies, Inc.

The Russell 1000, 2000, 2500, 3000, MidCap Growth, MidCap Value indexes are registered trademarks of the Frank Russell Company. Our accounts are not promoted or sponsored by or affiliated with Frank Russell Company.

The ICE BofA Merrill Lynch BB-B US Cash Pay Index is an unmanaged index. The index includes securities that are rated either BB or B on a composite basis by Moody's and Standard & Poor's and are U.S. dollar cash-pay securities.

The Bloomberg Barclays U.S. Aggregate Bond Index, the Bloomberg Barclays 10-Year Municipal Bond Index and the Bloomberg Barclays Mutual Fund (1-3 Year) Government/Credit Index are all unmanaged indices.

The NAREIT Index is an unmanaged, market capitalization weighted index of all publicly-traded REITs that invest predominantly in the equity ownership of real estate. The index is designed to reflect the performance of all publicly-traded equity REITs as a whole.

Lipper is a trademark of Reuters, SA and provides data and analysis on Mutual Funds and Variable Annuities.

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INVESTMENT PERFORMANCE SUMMARIES INSTRUCTIONS

Every month and every quarter, TIAA creates a summary of performance information on all TIAA-CREF funds. The performance summaries highlight month or quarter end reviews of:

- Six different asset classes of funds
- Net assets under management for each fund
- Expense Ratio
- 1 month, 3 month, YTD performance
- 1, 3, 5, 10 year and since inception performance
- Benchmark comparisons

The reports are available the 10th business day of each month. If you plan to utilize this information for internally-generated reports of investment funds offered by your institution, please make certain that the following guidelines are adhered to in order to ensure proper legal and regulatory disclosures are provided to your institution's employees. Disclosures are an increasing focus of securities regulators (including SEC and FINRA) so we feel this protects both you and your participants while providing useful and current information. Please contact your TIAA Relationship Manager if you have any questions. Thank you.

1. The disclosure page cannot be changed in any way and must be provided with the report.
2. Benchmark data may be removed for a fund(s) but the removal must be consistent across all funds. For example, if your plan offers TIAA-CREF Large Cap Value Fund, you may either delete all of the benchmarks associated with this Fund or keep all of them.
3. Non-proprietary funds cannot be added to this spreadsheet. If you offer non-proprietary funds in your plans, a clear distinction must be made between those funds and the TIAA-CREF funds.
4. The disclosure page should precede the performance presentation, or otherwise be prominently presented.
5. The performance data should not be altered in any way.
6. Only those tabs/share classes/funds offered under the respective plans may be sent to plan administrators.

Thank you for your cooperation in adhering to these guidelines. Please contact your TIAA Relationship Manager if you need additional information or if you have any questions.

INVESTMENT PERFORMANCE SUMMARY
CREF VARIABLE ANNUITIES - R3

FOR PERIOD ENDING June 30, 2018
 PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

ACCOUNT	Total Portfolio Net Assets (in \$Mil.)	Exp. Ratio (bps)	Previous Quarter-End Returns				Current Month-End Returns					Since Inception to Date			
			Avg. Annual Return				Avg. Annual Return								
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year		5 Year	10 Year	
	06/30/18		04/01/17 to 03/31/18	04/01/15 to 03/31/18	04/01/13 to 03/31/18	04/01/08 to 03/31/18	06/01/18 to 06/30/18	04/01/18 to 06/30/18	01/01/18 to 06/30/18	07/01/17 to 06/30/18	07/01/15 to 06/30/18	07/01/13 to 06/30/18	07/01/08 to 06/30/18		
Money Market															
CREF MONEY MARKET ACCOUNT^[2,4,7]	\$9,441.10	24	0.65%	0.28%	0.17%	0.25%	0.10%	0.28%	0.50%	0.82%	0.38%	0.23%	0.23%	3.19%	4/1/1988
PG: iMoneyNet Money Fund AveragesTM-All Government			0.66%	0.27%	0.16%	0.19%	0.11%	0.33%	0.57%	0.89%	0.37%	0.23%	0.18%	2.89%	4/24/2015
Fund vs. iMoneyNet Money Fund AveragesTM-All Government			-1	1	1	6	-1	-5	-7	-7	1	0	5	30	
7-Day Effective Yield as of 06/30/2018: 1.23%															
7-Day Current Yield as of 06/30/2018: 1.23%															
CREF ACCOUNTS TOTALS	\$232,586.80														

BM = Benchmark; PG = Peer Group; % Rank within Morningstar Category: 1 = Best 100 = Worst; Morningstar Category Returns are equal-weighted.

The Morningstar category averages, percentile ranks and star ratings are sourced from the Morningstar Essentials files prepared for TIAA as well as from Morningstar Direct.

Morningstar, Inc. rates and ranks U.S. variable annuities' underlying funds within their open-end mutual funds universe and includes the effect of fees and expenses charged by U.S. variable annuities in their comparisons. The data points that provide the number of investments in each category for the 3, 5, and 10 year time periods reflect the number of funds in each respective Morningstar open-end fund category.

Where a product lists two inception dates, the top date reflects the inception date of the product's oldest share class, and the bottom date represents the date of inception for the Share Class being reported. The performance shown for Class R3 that is prior to its inception date is based on the performance of the Account's Class R1. The performance for these periods has not been restated to reflect the lower expenses of Class R3. If these lower expenses had been reflected, the performance of Class R3 for these periods would have been higher.

[1] Current Weightings: 70.00% Russell 3000® Index, 30.00% MSCI ACWI ex US Investable Market Index.

[2] The Peer Group since inception performance shown is computed from May 1988.

[3] As of July 1, 2002, the domestic equity component of the Social Choice Account uses the Russell 3000® Index as its benchmark. Prior to July 1, 2002, it used the S&P 500® Index. Consequently, the domestic equity component of the benchmark data involving time periods prior to July 1, 2002, are a combination of the Russell 3000® and the S&P 500®, reflecting the proportional weights of the two equity benchmarks during the periods involved. As of April 1, 2008, the MSCI EAFE®+Canada Index was added to the Social Choice Account's composite benchmark to reflect the change in the equity component of the account to include foreign developed-market stocks. The current weightings are 42% Russell 3000® Index, 40% Bloomberg Barclays U.S. Aggregate Bond Index, 18% MSCI EAFE + Canada Index.

As provided for in the annuity contracts or certificates, restrictions may apply to certain plan sponsor and / or participant initiated transactions. Please refer to these documents for details.

[4] Beginning July 16, 2009, part or all of the 12b-1 distribution expenses and/or administrative expenses attributable to the CREF Money Market Account are being voluntarily waived. Without these waivers, the 7-day current and effective annualized yields and total returns would have been lower. These waivers may be discontinued at any time without notice. Amounts waived on or after October 1, 2010 are subject to possible recovery by TIAA under certain conditions. Please see the prospectus for additional information.

[5] Effective May 1, 2018 the Fund's benchmark index changed from MSCI World Index to MSCI AC World Index.

[6] If a fund is displayed with a "composite index", an appropriate broad market index is also included for reference.

[7] Effective October 1, 2016, the iMoneyNet Money Fund Averages-All Taxable peer group was changed to the iMoneyNet Money Fund Averages-All Government.

[8] Previously, the Fund compared its performance to the Russell 3000 Index instead of the Morningstar Aggressive Target Risk Index as shown. The returns of the Morningstar Aggressive Target Risk Index are more appropriate for comparison purposes because they reflect multi-asset class exposure and a similar risk profile as the Fund.

**INVESTMENT PERFORMANCE SUMMARY
CREF VARIABLE ANNUITIES - R2**

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

ACCOUNT	Total Portfolio Net Assets (in \$Mil.) 06/30/18	Exp. Ratio (bps)	Previous Quarter-End Returns				Current Month-End Returns										
			Avg. Annual Returns				Avg. Annual Returns										
			1 Year 04/01/17 to 03/31/18	3 Year 04/01/15 to 03/31/18	5 Year 04/01/13 to 03/31/18	10 Year 04/01/08 to 03/31/18	1 Month 06/01/18 to 06/30/18	3 Month 04/01/18 to 06/30/18	YTD 01/01/18 to 06/30/18	1 Year 07/01/17 to 06/30/18	3 Year 07/01/15 to 06/30/18	5 Year 07/01/13 to 06/30/18	10 Year 07/01/08 to 06/30/18	Since Inception to 06/30/18			
Money Market																	
CREF MONEY MARKET ACCOUNT ^[2,4,7]	\$9,441.10	30	0.60%	0.24%	0.14%	0.24%	0.10%	0.28%	0.49%	0.79%	0.33%	0.20%	0.22%	3.18%	4/1/1988		
PG: iMoneyNet Money Fund Averages™-All Government			0.66%	0.27%	0.16%	0.19%	0.11%	0.33%	0.57%	0.89%	0.37%	0.23%	0.18%	2.89%	4/24/2015		
Fund vs. iMoneyNet Money Fund Averages™-All Government			-6	-3	-2	5	-1	-5	-8	-10	-4	-3	4	29			
7-Day Effective Yield as of 06/30/2018: 1.25%																	
7-Day Current Yield as of 06/30/2018: 1.25%																	
CREF ACCOUNTS TOTALS	\$232,586.80																

BM = Benchmark; PG = Peer Group; % Rank within Morningstar Category: 1 = Best 100 = Worst; Morningstar Category Returns are equal-weighted.

The Morningstar category averages, percentile ranks and star ratings are sourced from the Morningstar Essentials files prepared for TIAA as well as from Morningstar Direct.

Morningstar, Inc. rates and ranks U.S. variable annuities' underlying funds within their open-end mutual funds universe and includes the effect of fees and expenses charged by U.S. variable annuities in their comparisons. The data points that provide the number of investments in each category for the 3, 5, and 10 year time periods reflect the number of funds in each respective Morningstar open-end fund category.

Where a product lists two inception dates, the top date reflects the inception date of the product's oldest share class, and the bottom date represents the date of inception for the Share Class being reported. The performance shown for Class R2 that is prior to its inception date is based on the performance of the Account's Class R1. The performance for these periods has not been restated to reflect the lower expenses of Class R2. If these lower expenses had been reflected, the performance of Class R2 for these periods would have been higher.

[1] Current Weightings: 70.00% Russell 3000® Index, 30.00% MSCI ACWI ex US Investable Market Index.

[2] The Peer Group since inception performance shown is computed from May 1988.

[3] As of July 1, 2002, the domestic equity component of the Social Choice Account uses the Russell 3000® Index as its benchmark. Prior to July 1, 2002, it used the S&P 500® Index. Consequently, the domestic equity component of the benchmark data involving time periods prior to July 1, 2002, are a combination of the Russell 3000® and the S&P 500®, reflecting the proportional weights of the two equity benchmarks during the periods involved. As of April 1, 2008, the MSCI EAFE®+Canada Index was added to the Social Choice Account's composite benchmark to reflect the change in the equity component of the account to include foreign developed-market stocks. The current weightings are 42% Russell 3000® Index, 40% Bloomberg Barclays U.S. Aggregate Bond Index, 18% MSCI EAFE + Canada Index.

As provided for in the annuity contracts or certificates, restrictions may apply to certain plan sponsor and / or participant initiated transactions. Please refer to these documents for details.

[4] Beginning July 16, 2009, part or all of the 12b-1 distribution expenses and/or administrative expenses attributable to the CREF Money Market Account are being voluntarily waived. Without these waivers, the 7-day current and effective annualized yields and total returns would have been lower. These waivers may be discontinued at any time without notice. Amounts waived on or after October 1, 2010 are subject to possible recovery by TIAA under certain conditions. Please see the prospectus for additional information.

[5] Effective May 1, 2018 the Fund's benchmark index changed from MSCI World Index to MSCI AC World Index.

[6] If a fund is displayed with a "composite index", an appropriate broad market index is also included for reference.

[7] Effective October 1, 2016, the iMoneyNet Money Fund Averages-All Taxable peer group was changed to the iMoneyNet Money Fund Averages-All Government.

[8] Previously, the Fund compared its performance to the Russell 3000 Index instead of the Morningstar Aggressive Target Risk Index as shown. The returns of the Morningstar Aggressive Target Risk Index are more appropriate for comparison purposes because they reflect multi-asset class exposure and a similar risk profile as the Fund.

INVESTMENT PERFORMANCE SUMMARY
CREF VARIABLE ANNUITIES - R1

FOR PERIOD ENDING June 30, 2018
 PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

ACCOUNT	Total Portfolio Net Assets (in \$Mil.)	Exp. Ratio (bps)	Previous Quarter-End Returns				Current Month-End Returns										
			Avg. Annual Returns				Avg. Annual Returns										
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inc. Date		
04/01/17 to 03/31/18	04/01/15 to 03/31/18	04/01/13 to 03/31/18	04/01/08 to 03/31/18	06/01/18 to 06/30/18	04/01/18 to 06/30/18	01/01/18 to 06/30/18	07/01/17 to 06/30/18	07/01/15 to 06/30/18	07/01/13 to 06/30/18	07/01/08 to 06/30/18	06/30/18	06/30/18					
Money Market																	
CREF MONEY MARKET ACCOUNT ^[2,4,7]	\$9,441.1	51	0.41%	0.14%	0.08%	0.21%	0.09%	0.25%	0.41%	0.62%	0.22%	0.13%	0.19%	3.17%	4/1/1988		
PG: iMoneynet Money Fund Averages TM -All Government			0.66%	0.27%	0.16%	0.19%	0.11%	0.33%	0.57%	0.89%	0.37%	0.23%	0.18%	2.89%			
Fund vs. iMoneynet Money Fund Averages TM -All Government			-25	-13	-8	2	-2	-8	-16	-27	-15	-10	1	28			
7-Day Effective Yield as of 06/30/2018: 1.16%																	
7-Day Current Yield as of 06/30/2018: 1.16%																	
CREF ACCOUNTS TOTALS	\$232,586.8																

BM = Benchmark; PG = Peer Group; % Rank within Morningstar Category: 1 = Best 100 = Worst; Morningstar Category Returns are equal-weighted.

The Morningstar category averages, percentile ranks and star ratings are sourced from the Morningstar Essentials files prepared for TIAA as well as from Morningstar Direct.

Morningstar, Inc. rates and ranks U.S. variable annuities' underlying funds within their open-end mutual funds universe and includes the effect of fees and expenses charged by U.S. variable annuities in their comparisons. The data points that provide the number of investments in each category for the 3, 5, and 10 year time periods reflect the number of funds in each respective Morningstar open-end fund category.

[1] Current Weightings: 70.00% Russell 3000[®] Index, 30.00% MSCI ACWI ex US Investable Market Index.

[2] The Peer Group since inception performance shown is computed from May 1988.

[3] As of July 1, 2002, the domestic equity component of the Social Choice Account uses the Russell 3000[®] Index as its benchmark. Prior to July 1, 2002, it used the S&P 500[®] Index. Consequently, the domestic equity component of the benchmark data involving time periods prior to July 1, 2002, are a combination of the Russell 3000[®] and the S&P 500[®], reflecting the proportional weights of the two equity benchmarks during the periods involved. As of April 1, 2008, the MSCI EAFE[®]+Canada Index was added to the Social Choice Account's composite benchmark to reflect the change in the equity component of the account to include foreign developed-market stocks. The current weightings are 42% Russell 3000[®] Index, 40% Bloomberg Barclays U.S. Aggregate Bond Index, 18% MSCI EAFE + Canada Index.

As provided for in the annuity contracts or certificates, restrictions may apply to certain plan sponsor and / or participant initiated transactions. Please refer to these documents for details.

[4] Beginning July 16, 2009, part or all of the 12b-1 distribution expenses and/or administrative expenses attributable to the CREF Money Market Account are being voluntarily waived. Without these waivers, the 7-day current and effective annualized yields and total returns would have been lower. These waivers may be discontinued at any time without notice. Amounts waived on or after October 1, 2010 are subject to possible recovery by TIAA under certain conditions. Please see the prospectus for additional information.

[5] Effective May 1, 2018 the Fund's benchmark index changed from MSCI World Index to MSCI AC World Index.

[6] If a fund is displayed with a "composite index", an appropriate broad market index is also included for reference.

[7] Effective October 1, 2016, the iMoneyNet Money Fund Averages-All Taxable peer group was changed to the iMoneyNet Money Fund Averages-All Government.

[8] Previously, the Fund compared its performance to the Russell 3000 Index instead of the Morningstar Aggressive Target Risk Index as shown. The returns of the Morningstar Aggressive Target Risk Index are more appropriate for comparison purposes because they reflect multi-asset class exposure and a similar risk profile as the Fund.

**INVESTMENT PERFORMANCE SUMMARY
TIAA ANNUITY ACCOUNTS**

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

ACCOUNT	Total Portfolio Net Assets (in \$Mil.)	Exp. Ratio (bps)	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Return				Avg. Annual Return									
			1 Year 04/01/17 to 03/31/18	3 Year 04/01/15 to 03/31/18	5 Year 04/01/13 to 03/31/18	10 Year 04/01/08 to 03/31/18	1 Month 06/01/18 to 06/30/18	3 Month 04/01/18 to 06/30/18	YTD 01/01/18 to 06/30/18	1 Year 07/01/17 to 06/30/18	3 Year 07/01/15 to 06/30/18	5 Year 07/01/13 to 06/30/18	10 Year 07/01/08 to 06/30/18	Since Inception to 06/30/18	Inc. Date	
TIAA TRADITIONAL ANNUITY-GROUP RETIREMENT ANNUITY ^(1,2,3)	\$251,384.11		3.75%	3.92%	3.98%	4.16%	0.31%	0.96%	1.89%	3.79%	3.92%	3.97%	4.12%	N/A	1918	
TIAA TRADITIONAL ANNUITY-GROUP SUPPLEMENTAL RETIREMENT ANNUITY ^(1,2,3)			3.10%	3.24%	3.30%	3.44%	0.26%	0.78%	1.55%	3.12%	3.24%	3.29%	3.40%	N/A	10/1/1973	
TIAA TRADITIONAL ANNUITY-IRA (ISSUED ON OR AFTER 10/11/2010) ^(1,2,3)			1.27%	1.12%	1.07%	N/A	0.14%	0.41%	0.76%	1.39%	1.18%	1.11%	N/A	1.10%	10/11/2010	
TIAA TRADITIONAL ANNUITY-IRA (ISSUED PRIOR TO 10/11/2010) ^(1,2,3,4)			3.00%	3.00%	3.00%	3.23%	0.24%	0.74%	1.48%	3.00%	3.00%	3.00%	3.19%	N/A	5/1/1997	
TIAA TRADITIONAL ANNUITY-KEOGH ^(1,2,3)			3.00%	3.00%	3.00%	3.23%	0.24%	0.74%	1.48%	3.00%	3.00%	3.00%	3.19%	N/A	4/1/1988	
TIAA TRADITIONAL ANNUITY-RETIREMENT ANNUITY ^(1,2,3)			3.75%	3.92%	3.98%	4.16%	0.31%	0.96%	1.89%	3.79%	3.92%	3.97%	4.12%	N/A	1918	
TIAA TRADITIONAL ANNUITY-RETIREMENT CHOICE ^(1,2,3)			4.01%	4.22%	4.30%	4.36%	0.34%	1.02%	2.01%	4.05%	4.21%	4.29%	4.34%	4.48%	8/1/2005	
TIAA TRADITIONAL ANNUITY-RETIREMENT CHOICE PLUS ^(1,2,3)			3.26%	3.46%	3.51%	3.58%	0.28%	0.84%	1.65%	3.30%	3.45%	3.50%	3.56%	3.72%	6/1/2006	
TIAA TRADITIONAL ANNUITY-SUPPLEMENTAL RETIREMENT ANNUITY ^(1,2,3)			3.10%	3.24%	3.30%	3.44%	0.26%	0.78%	1.55%	3.12%	3.24%	3.29%	3.40%	N/A	10/1/1973	
TIAA REAL ESTATE ACCOUNT (GREARX)	\$25,290.20	79	4.19%	5.20%	7.69%	2.52%	0.53%	1.63%	2.60%	5.05%	5.30%	7.49%	2.66%	6.33%	10/2/1995	
TIAA ANNUITY TOTALS	\$276,674.31															

As provided for in the annuity contracts or certificates, restrictions may apply to certain plan sponsor and / or participant initiated transactions. Please refer to these documents for details.

[1] The Net Assets figures shown for the TIAA Traditional Annuity Accounts reflect the total Invested Assets that are attributable to the TIAA Traditional line of business within the TIAA General Account as of May 31, 2018. Please note that the assets of the entire General Account are available to meet the claims of the TIAA Traditional Annuity contract holders.

[2] The TIAA Traditional Account under the Retirement Annuity (RA), Group Retirement Annuity (GRA), Group Annuity (GA), Retirement Choice (RC), Supplemental Retirement Annuity (SRA), Group Supplemental Retirement Annuity (GSRA) and Retirement Choice Plus (RCP), Group Supplemental Annuity (GSA) and Special Service Retirement Annuity (SSRA) contracts are issued by Teachers Insurance and Annuity Association (TIAA), New York, NY 10017. Amounts contributed are deposited in TIAA's general account. These guaranteed accounts and contracts are not considered to be "investments" under the Federal Securities laws. Each premium allocated to these accounts and contracts buys a definite amount of lifetime income for participants based on the rate schedule in effect at the time the premium is paid. In addition, these accounts and contracts provide a guarantee of principal, a guaranteed minimum rate of interest and the potential for additional amounts of interest when declared by TIAA's Board of Trustees. Additional interest, when declared, remains in effect for the "declaration year" that begins each March 1. Additional interest is not guaranteed for future years. Interest crediting rates are net of administrative expenses, investment expenses and risk capital charges. Payment obligations and the fulfillment of the returns provided for in these annuity accounts and contracts are subject to TIAA's claims-paying ability. Past interest rates are not indicative of future interest rates. These products are not mutual funds or bank products. The obligations of TIAA are not insured by the FDIC or any other federal governmental agency.

[3] The returns shown for the TIAA Traditional Products are based on a single investment at the beginning of each period. The Crediting Rates as of June 01, 2018 are as follows: TIAA Traditional Annuity - RC (4.25%); TIAA Traditional Annuity - RA, GRA and GA (4.00%); TIAA Traditional Annuity - SRA, GSRA, GSA and SSRA (3.25%); TIAA Traditional Annuity - RCP (3.50%). Funds applied to the TIAA Traditional Annuity during June 2018 will be credited with the indicated rates through February 28, 2019. Funds transferred to TIAA Traditional Annuity during June 2018 will begin earning interest at the beginning of the next calendar day following the effective date of the transfer, and will be credited with the indicated rates through February 28, 2019.

[4] Contributions and accumulation transfers can no longer be applied to IRA contracts issued prior to 10/10/2010.

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
INSTITUTIONAL SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) ^[2]	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Returns				Avg. Annual Returns									
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inc.	
			04/01/17 to 03/31/18	04/01/15 to 03/31/18	04/01/13 to 03/31/18	04/01/08 to 03/31/18	06/01/18 to 06/30/18	04/01/18 to 06/30/18	01/01/18 to 06/30/18	07/01/17 to 06/30/18	07/01/15 to 06/30/18	07/01/13 to 06/30/18	07/01/08 to 06/30/18	06/30/18 to 06/30/18	Date	
U.S. Equities																
TIAA-CREF ENHANCED LARGE-CAP GROWTH INDEX FUND (TLIX)	\$2,683.70	33	20.67%	13.30%	15.26%	11.04%	0.49%	5.17%	6.49%	22.38%	15.06%	16.04%	11.39%	9.80%	11/30/2007	
Gross Expense Ratio 33																
BM: Russell 1000 Growth Index 21.25% 12.90% 15.53% 11.34%																
Fund vs. Russell 1000 Growth Index -58 40 -27 -30																
PG: Large Growth M*star Category 20.41% 10.64% 13.81% 9.87%																
Fund vs. Large Growth M*star Category 26 266 145 117																
PG: Fund % Rank in Large Growth M*star Category 47% 17% 28% 27%																
PG: # of funds in Large Growth M*star Category 1376 1213 1099 779																
Fund Star Rating N/A ****																
TIAA-CREF ENHANCED LARGE-CAP VALUE INDEX FUND (TEVIX)	\$2,525.10	33	7.13%	7.07%	10.21%	7.18%	-0.10%	0.50%	-2.70%	6.81%	7.17%	9.70%	7.76%	5.82%	11/30/2007	
Gross Expense Ratio 33																
BM: Russell 1000 Value Index 6.95% 7.88% 10.78% 7.78%																
Fund vs. Russell 1000 Value Index 18 -81 -57 -60																
PG: Large Value M*star Category 9.07% 7.65% 10.32% 7.66%																
Fund vs. Large Value M*star Category -194 -58 -11 -48																
PG: Fund % Rank in Large Value M*star Category 73% 67% 58% 67%																
PG: # of funds in Large Value M*star Category 1263 1086 958 687																
Fund Star Rating N/A ***																
TIAA-CREF EQUITY INDEX FUND (TIEIX)	\$18,152.20	5	13.78%	10.20%	13.01%	9.60%	0.65%	3.89%	3.22%	14.74%	11.57%	13.26%	10.21%	6.06%	7/1/1999	
Gross Expense Ratio 5																
BM: Russell 3000 Index 13.81% 10.22% 13.03% 9.62%																
Fund vs. Russell 3000 Index -3 -2 -2 -2																
PG: Large Blend M*star Category 12.82% 8.89% 11.72% 8.58%																
Fund vs. Large Blend M*star Category 96 131 129 102																
PG: Fund % Rank in Large Blend M*star Category 41% 29% 24% 16%																
PG: # of funds in Large Blend M*star Category 1401 1204 1077 802																
Fund Star Rating N/A ****																
TIAA-CREF GROWTH & INCOME FUND (TIGRX)	\$6,863.70	41	16.85%	10.85%	13.82%	9.99%	0.50%	3.65%	4.35%	17.07%	11.64%	13.91%	10.53%	6.45%	7/1/1999	
Gross Expense Ratio 41																
BM: S&P 500 Index 13.99% 10.78% 13.31% 9.49%																
Fund vs. S&P 500 Index 286 7 51 50																
PG: Large Growth M*star Category 20.41% 10.64% 13.81% 9.87%																
Fund vs. Large Growth M*star Category -356 21 1 12																
PG: Fund % Rank in Large Growth M*star Category 76% 51% 54% 50%																
PG: # of funds in Large Growth M*star Category 1376 1213 1099 779																
Fund Star Rating N/A ***																
TIAA-CREF LARGE-CAP GROWTH FUND (TILGX)	\$5,273.50	43	27.12%	13.15%	16.53%	11.06%	1.10%	6.99%	11.04%	27.49%	15.05%	17.58%	11.56%	10.35%	3/31/2006	
Gross Expense Ratio 43																
BM: Russell 1000 Growth Index 21.25% 12.90% 15.53% 11.34%																
Fund vs. Russell 1000 Growth Index 587 25 100 -28																
PG: Large Growth M*star Category 20.41% 10.64% 13.81% 9.87%																
Fund vs. Large Growth M*star Category 671 251 272 119																
PG: Fund % Rank in Large Growth M*star Category 13% 18% 12% 26%																
PG: # of funds in Large Growth M*star Category 1376 1213 1099 779																
Fund Star Rating N/A ****																
TIAA-CREF LARGE-CAP GROWTH INDEX FUND (TLIX)	\$5,967.10	6	21.19%	12.83%	15.46%	11.27%	0.95%	5.71%	7.21%	22.39%	14.88%	16.27%	11.77%	10.77%	10/1/2002	
Gross Expense Ratio 6																
BM: Russell 1000 Growth Index 21.25% 12.90% 15.53% 11.34%																
Fund vs. Russell 1000 Growth Index -6 -7 -7 -7																
PG: Large Growth M*star Category 20.41% 10.64% 13.81% 9.87%																
Fund vs. Large Growth M*star Category 78 219 165 140																
PG: Fund % Rank in Large Growth M*star Category 42% 22% 25% 23%																
PG: # of funds in Large Growth M*star Category 1376 1213 1099 779																
Fund Star Rating N/A ****																
TIAA-CREF LARGE-CAP VALUE FUND (TRLIX)	\$6,685.40	40	5.59%	6.92%	10.14%	7.86%	0.21%	1.51%	-1.16%	7.07%	7.53%	9.71%	8.67%	9.57%	10/1/2002	
Gross Expense Ratio 40																
BM: Russell 1000 Value Index 6.95% 7.88% 10.78% 7.78%																
Fund vs. Russell 1000 Value Index -136 -96 -64 8																
PG: Large Value M*star Category 9.07% 7.65% 10.32% 7.66%																
Fund vs. Large Value M*star Category -348 -73 -18 20																
PG: Fund % Rank in Large Value M*star Category 86% 70% 60% 46%																
PG: # of funds in Large Value M*star Category 1263 1086 958 687																
Fund Star Rating N/A **																
TIAA-CREF LARGE-CAP VALUE INDEX FUND (TILVX)	\$6,283.80	6	6.88%	7.83%	10.72%	7.72%	0.26%	1.16%	-1.73%	6.68%	8.21%	10.28%	8.43%	9.24%	10/1/2002	
Gross Expense Ratio 6																
BM: Russell 1000 Value Index 6.95% 7.88% 10.78% 7.78%																
Fund vs. Russell 1000 Value Index -7 -5 -6 -6																
PG: Large Value M*star Category 9.07% 7.65% 10.32% 7.66%																
Fund vs. Large Value M*star Category -219 18 40 6																
PG: Fund % Rank in Large Value M*star Category 76% 50% 42% 48%																
PG: # of funds in Large Value M*star Category 1263 1086 958 687																
Fund Star Rating N/A ***																
TIAA-CREF MID-CAP GROWTH FUND (TRPWX)	\$1,555.80	47	18.73%	7.20%	11.54%	9.41%	-0.08%	3.49%	5.37%	17.67%	8.67%	11.48%	9.25%	11.71%	10/1/2002	
Gross Expense Ratio 47																
BM: Russell Mid Cap Growth Index 19.74% 9.17% 13.31% 10.61%																
Fund vs. Russell Mid Cap Growth Index -101 -197 -177 -120																
PG: Mid-Cap Growth M*star Category 18.34% 8.28% 11.94% 9.39%																
Fund vs. Mid-Cap Growth M*star Category 39 -108 -40 2																
PG: Fund % Rank in Mid-Cap Growth M*star Category 46% 66% 59% 52%																
PG: # of funds in Mid-Cap Growth M*star Category 613 549 485 352																
Fund Star Rating N/A ***																

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
INSTITUTIONAL SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) ^[2]	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Returns				Avg. Annual Returns									
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inc.	
			04/01/17 to 03/31/18	04/01/15 to 03/31/18	04/01/13 to 03/31/18	04/01/08 to 03/31/18	06/01/18 to 06/30/18	04/01/18 to 06/30/18	01/01/18 to 06/30/18	07/01/17 to 06/30/18	07/01/15 to 06/30/18	07/01/13 to 06/30/18	07/01/08 to 06/30/18	06/30/18	Date	
TIAA-CREF MID-CAP VALUE FUND (TIMVX)	\$3,894.70	41	6.24%	5.88%	10.16%	8.46%	0.08%	1.90%	0.72%	7.49%	7.12%	10.11%	8.73%	11.71%	10/1/2002	
Gross Expense Ratio		41														
BM: Russell Mid Cap Value Index			6.50%	7.23%	11.11%	9.81%	0.81%	2.41%	-0.16%	7.60%	8.80%	11.27%	10.06%	11.65%		
Fund vs. Russell Mid Cap Value Index			-26	-135	-95	-133	-73	-51	88	-11	-168	-116	-133	6		
PG: Mid-Cap Value M*star Category			7.30%	6.75%	10.06%	8.87%	N/A	N/A	N/A	8.86%	7.99%	10.12%	9.16%	N/A		
Fund vs. Mid-Cap Value M*star Category			-106	-87	10	-39	N/A	N/A	N/A	-137	-87	-1	-43	N/A		
PG: Fund % Rank in Mid-Cap Value M*star Category			61%	68%	59%	61%	N/A	N/A	N/A	60%	65%	57%	57%	N/A		
PG: # of funds in Mid-Cap Value M*star Category			407	361	309	225	N/A	N/A	N/A	409	365	307	221	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A		
TIAA-CREF REAL ESTATE SECURITIES FUND (TIREX)	\$2,080.90	51	3.45%	3.34%	7.64%	6.77%	3.72%	7.33%	1.59%	6.99%	9.28%	9.43%	8.13%	10.48%	10/1/2002	
Gross Expense Ratio		51														
BM: FTSE Nareit All Equity REITs Index			-1.09%	2.90%	6.66%	6.88%	4.18%	8.50%	1.27%	4.93%	9.14%	8.88%	8.30%	10.71%		
Fund vs. FTSE Nareit All Equity REITs Index			454	44	98	-11	-46	-117	32	206	14	55	-17	-23		
PG: Real Estate M*star Category			-2.30%	1.26%	5.55%	5.88%	N/A	N/A	N/A	3.39%	7.22%	7.70%	7.27%	N/A		
Fund vs. Real Estate M*star Category			575	208	209	89	N/A	N/A	N/A	360	206	173	86	N/A		
PG: Fund % Rank in Real Estate M*star Category			6%	10%	3%	23%	N/A	N/A	N/A	6%	8%	4%	26%	N/A		
PG: # of funds in Real Estate M*star Category			261	228	198	143	N/A	N/A	N/A	259	230	199	143	N/A		
Fund Star Rating			N/A	*****	*****	****	N/A	N/A	N/A	N/A	*****	*****	****	N/A		
TIAA-CREF S&P 500 INDEX FUND (TISPX)	\$4,839.90	6	13.91%	10.72%	13.23%	9.43%	0.60%	3.44%	2.60%	14.31%	11.86%	13.34%	10.10%	9.82%	10/1/2002	
Gross Expense Ratio		6														
BM: S&P 500 Index			13.99%	10.78%	13.31%	9.49%	0.62%	3.43%	2.65%	14.37%	11.93%	13.42%	10.17%	9.90%		
Fund vs. S&P 500 Index			-8	-6	-8	-6	-2	1	-5	-6	-7	-8	-7	-8		
PG: Large Blend M*star Category			12.82%	8.89%	11.72%	8.58%	N/A	N/A	N/A	12.58%	9.93%	11.73%	9.08%	N/A		
Fund vs. Large Blend M*star Category			109	183	151	85	N/A	N/A	N/A	173	193	161	102	N/A		
PG: Fund % Rank in Large Blend M*star Category			36%	13%	14%	25%	N/A	N/A	N/A	29%	13%	13%	21%	N/A		
PG: # of funds in Large Blend M*star Category			1401	1204	1077	802	N/A	N/A	N/A	1353	1166	1042	776	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	*****	****	N/A		
TIAA-CREF SMALL-CAP BLEND INDEX FUND (TISBX)	\$2,746.70	6	11.98%	8.62%	11.70%	9.98%	0.75%	7.80%	7.75%	17.74%	11.18%	12.69%	10.73%	11.50%	10/1/2002	
Gross Expense Ratio		6														
BM: Russell 2000 Index			11.79%	8.39%	11.47%	9.84%	0.72%	7.75%	7.66%	17.57%	10.96%	12.46%	10.60%	11.44%		
Fund vs. Russell 2000 Index			19	23	23	14	3	5	9	17	22	23	13	6		
PG: Small Blend M*star Category			9.68%	7.21%	10.29%	9.15%	N/A	N/A	N/A	14.67%	9.41%	11.02%	9.73%	N/A		
Fund vs. Small Blend M*star Category			230	141	141	83	N/A	N/A	N/A	307	177	167	100	N/A		
PG: Fund % Rank in Small Blend M*star Category			23%	26%	24%	32%	N/A	N/A	N/A	21%	22%	19%	30%	N/A		
PG: # of funds in Small Blend M*star Category			781	627	542	400	N/A	N/A	N/A	775	639	539	393	N/A		
Fund Star Rating			N/A	****	****	***	N/A	N/A	N/A	N/A	****	****	***	N/A		
TIAA-CREF SMALL-CAP EQUITY FUND (TISEX)	\$3,748.00	41	10.87%	9.26%	12.85%	10.38%	-0.05%	5.32%	4.61%	15.08%	11.01%	13.14%	10.76%	11.46%	10/1/2002	
Gross Expense Ratio		41														
BM: Russell 2000 Index			11.79%	8.39%	11.47%	9.84%	0.72%	7.75%	7.66%	17.57%	10.96%	12.46%	10.60%	11.44%		
Fund vs. Russell 2000 Index			-92	87	138	54	-77	-243	-305	-249	5	68	16	2		
PG: Small Growth M*star Category			18.07%	8.77%	11.88%	10.28%	N/A	N/A	N/A	22.70%	11.04%	12.76%	10.85%	N/A		
Fund vs. Small Growth M*star Category			-720	49	97	10	N/A	N/A	N/A	-762	-3	38	-9	N/A		
PG: Fund % Rank in Small Growth M*star Category			87%	41%	33%	48%	N/A	N/A	N/A	87%	51%	44%	49%	N/A		
PG: # of funds in Small Growth M*star Category			684	592	531	402	N/A	N/A	N/A	701	606	534	404	N/A		
Fund Star Rating			N/A	***	****	***	N/A	N/A	N/A	N/A	***	***	***	N/A		
TIAA-CREF SMALL/MID-CAP EQUITY (TSMWX)	\$721.00	50	15.23%	N/A	N/A	N/A	0.54%	7.22%	7.31%	21.16%	N/A	N/A	N/A	18.59%	8/5/2016	
Gross Expense Ratio		50														
BM: Russell 2500 Index			12.31%				0.72%	5.71%	5.46%	16.24%				15.69%		
Fund vs. Russell 2500 Index			292				-18	151	185	492				290		
PG: Small Blend M*star Category			9.68%				N/A	N/A	N/A	14.67%				N/A		
Fund vs. Small Blend M*star Category			555				N/A	N/A	N/A	649				N/A		
PG: Fund % Rank in Small Blend M*star Category			6%				N/A	N/A	N/A	5%				N/A		
PG: # of funds in Small Blend M*star Category			781				N/A	N/A	N/A	775				N/A		
Fund Star Rating			N/A				N/A	N/A	N/A	N/A				N/A		
TIAA-CREF SOCIAL CHOICE EQUITY FUND (TISCX)	\$3,468.60	18	14.83%	9.88%	12.05%	9.35%	0.51%	2.72%	2.50%	13.62%	11.31%	12.07%	9.76%	5.82%	7/1/1999	
Gross Expense Ratio		18														
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	6.13%		
Fund vs. Russell 3000 Index			102	-34	-98	-27	-14	-117	-72	-116	-27	-122	-47	-31		
PG: Large Blend M*star Category			12.82%	8.89%	11.72%	8.58%	N/A	N/A	N/A	12.58%	9.93%	11.73%	9.08%	N/A		
Fund vs. Large Blend M*star Category			201	99	33	77	N/A	N/A	N/A	104	138	34	68	N/A		
PG: Fund % Rank in Large Blend M*star Category			22%	39%	54%	28%	N/A	N/A	N/A	45%	32%	55%	36%	N/A		
PG: # of funds in Large Blend M*star Category			1401	1204	1077	802	N/A	N/A	N/A	1353	1166	1042	776	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	****	***	***	N/A		
TIAA-CREF SOCIAL CHOICE LOW CARBON EQUITY FUND (TNWCX)	\$110.80	32	14.19%	N/A	N/A	N/A	0.31%	2.46%	2.13%	12.80%	N/A	N/A	N/A	11.44%	8/7/2015	
Gross Expense Ratio		32														
BM: Russell 3000 Index			13.81%				0.65%	3.89%	3.22%	14.78%				11.88%		
Fund vs. Russell 3000 Index			38				-34	-143	-109	-198				-44		
PG: Large Blend M*star Category			12.82%				N/A	N/A	N/A	12.58%				N/A		
Fund vs. Large Blend M*star Category			137				N/A	N/A	N/A	22				N/A		
PG: Fund % Rank in Large Blend M*star Category			31%				N/A	N/A	N/A	56%				N/A		
PG: # of funds in Large Blend M*star Category			1401				N/A	N/A	N/A	1353				N/A		
Fund Star Rating			N/A				N/A	N/A	N/A	N/A				N/A		

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
INSTITUTIONAL SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) ^[2]	Previous Quarter-End Returns				Current Month-End Returns								
			Avg. Annual Returns				Avg. Annual Returns					Avg. Annual Returns			
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	
			04/01/17 to 03/31/18	04/01/15 to 03/31/18	04/01/13 to 03/31/18	04/01/08 to 03/31/18	06/01/18 to 06/30/18	04/01/18 to 06/30/18	01/01/18 to 06/30/18	07/01/17 to 06/30/18	07/01/15 to 06/30/18	07/01/13 to 06/30/18	07/01/08 to 06/30/18	06/30/18 to 06/30/18	Inc. Date
International Equities															
TIAA-CREF EMERGING MARKETS EQUITY FUND (TEMLX)	\$1,428.50	92	28.05%	10.32%	4.59%	N/A	-4.16%	-10.48%	-8.27%	7.95%	6.11%	4.21%	N/A	3.19%	8/31/2010
Gross Expense Ratio 92															
BM: MS Emerging Market															
Fund vs. MS Emerging Market															
PG: Diversified Emerging Mkts M*star Category															
Fund vs. Diversified Emerging Mkts M*star Category															
PG: Fund % Rank in Diversified Emerging Mkts M*star Category															
PG: # of funds in Diversified Emerging Mkts M*star Category															
Fund Star Rating															
TIAA-CREF EMERGING MARKETS EQUITY INDEX FUND (TEQLX)	\$2,576.10	21	25.55%	9.10%	5.08%	N/A	-4.19%	-8.87%	-6.67%	7.73%	5.53%	4.97%	N/A	3.30%	8/31/2010
Gross Expense Ratio 21															
BM: MS Emerging Market															
Fund vs. MS Emerging Market															
PG: Diversified Emerging Mkts M*star Category															
Fund vs. Diversified Emerging Mkts M*star Category															
PG: Fund % Rank in Diversified Emerging Mkts M*star Category															
PG: # of funds in Diversified Emerging Mkts M*star Category															
Fund Star Rating															
TIAA-CREF ENHANCED INTERNATIONAL EQUITY INDEX FUND (TFHIX)	\$1,905.40	41	15.95%	5.71%	6.94%	3.00%	-1.86%	-2.70%	-3.76%	5.27%	4.66%	6.36%	2.91%	1.38%	11/30/2007
Gross Expense Ratio 41															
BM: Morgan Stanley EAFE Index															
Fund vs. Morgan Stanley EAFE Index															
PG: Foreign Large Blend M*star Category															
Fund vs. Foreign Large Blend M*star Category															
PG: Fund % Rank in Foreign Large Blend M*star Category															
PG: # of funds in Foreign Large Blend M*star Category															
Fund Star Rating															
TIAA-CREF INTERNATIONAL EQUITY FUND (TIEIX)	\$4,853.20	49	20.30%	6.71%	7.84%	3.13%	-2.76%	-3.50%	-4.67%	6.82%	4.84%	6.81%	3.49%	5.17%	7/1/1999
Gross Expense Ratio 49															
BM: Morgan Stanley EAFE Index															
Fund vs. Morgan Stanley EAFE Index															
PG: Foreign Large Blend M*star Category															
Fund vs. Foreign Large Blend M*star Category															
PG: Fund % Rank in Foreign Large Blend M*star Category															
PG: # of funds in Foreign Large Blend M*star Category															
Fund Star Rating															
TIAA-CREF INTERNATIONAL EQUITY INDEX FUND (TCIEIX)	\$12,162.90	6	15.40%	5.92%	6.71%	2.97%	-1.30%	-1.75%	-2.48%	6.46%	4.94%	6.52%	3.02%	7.97%	10/1/2002
Gross Expense Ratio 6															
BM: Morgan Stanley EAFE Index															
Fund vs. Morgan Stanley EAFE Index															
PG: Foreign Large Blend M*star Category															
Fund vs. Foreign Large Blend M*star Category															
PG: Fund % Rank in Foreign Large Blend M*star Category															
PG: # of funds in Foreign Large Blend M*star Category															
Fund Star Rating															
TIAA-CREF INTERNATIONAL OPPORTUNITIES FUND (TIOIX)	\$1,542.20	63	25.78%	9.17%	N/A	N/A	-1.39%	-0.44%	0.67%	15.66%	7.47%	7.90%	N/A	6.92%	4/12/2013
Gross Expense Ratio 63															
BM: MSCI AC World Index ex USA															
Fund vs. MSCI AC World Index ex USA															
PG: Foreign Large Growth M*star Category															
Fund vs. Foreign Large Growth M*star Category															
PG: Fund % Rank in Foreign Large Growth M*star Category															
PG: # of funds in Foreign Large Growth M*star Category															
Fund Star Rating															
TIAA-CREF INTERNATIONAL SMALL-CAP EQUITY FUND (TIISX)	\$956.60	74	21.67%	N/A	N/A	N/A	-3.64%	-5.66%	-6.94%	6.23%	N/A	N/A	N/A	15.01%	12/9/2016
Gross Expense Ratio 74															
BM: MSCI ACWI ex-US Small Cap Index															
Fund vs. MSCI ACWI ex-US Small Cap Index															
PG: Foreign Small/Mid Value M*star Category															
Fund vs. Foreign Small/Mid Value M*star Category															
PG: Fund % Rank in Foreign Small/Mid Value M*star Category															
PG: # of funds in Foreign Small/Mid Value M*star Category															
Fund Star Rating															
TIAA-CREF SOCIAL CHOICE INTERNATIONAL EQUITY FUND (TSONX)	\$52.50	40	14.53%	N/A	N/A	N/A	-1.28%	-2.34%	-3.13%	5.45%	N/A	N/A	N/A	4.69%	8/7/2015
Gross Expense Ratio 120															
BM: Morgan Stanley EAFE Index															
Fund vs. Morgan Stanley EAFE Index															
PG: Foreign Large Blend M*star Category															
Fund vs. Foreign Large Blend M*star Category															
PG: Fund % Rank in Foreign Large Blend M*star Category															
PG: # of funds in Foreign Large Blend M*star Category															
Fund Star Rating															

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
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FUND	Total Portfolio Net Assets (in \$Mil.)	Exp. Ratio (bps) ^[2]	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Returns				Avg. Annual Returns									
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inc.	
04/01/17 to 03/31/18	04/01/15 to 03/31/18	04/01/13 to 03/31/18	04/01/08 to 03/31/18	06/01/18 to 06/30/18	04/01/18 to 06/30/18	01/01/18 to 06/30/18	07/01/17 to 06/30/18	07/01/15 to 06/30/18	07/01/13 to 06/30/18	07/01/08 to 06/30/18	06/30/18 to 06/30/18	Date				
Fixed Income																
TIAA-CREF BOND FUND (TIBDX)	\$4,722.30	31	1.83%	2.05%	2.53%	4.11%	-0.04%	-0.31%	-1.58%	-0.15%	2.48%	3.05%	4.20%	4.97%	7/1/1999	
Gross Expense Ratio 31																
BM: Bloomberg Barclays U.S. Aggregate Bond Index																
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index																
PG: Intermediate-Term Bond M*star Category																
Fund vs. Intermediate-Term Bond M*star Category																
PG: Fund % Rank in Intermediate-Term Bond M*star Category																
PG: # of funds in Intermediate-Term Bond M*star Category																
Fund Star Rating																
TIAA-CREF BOND INDEX FUND (TBIIX)	\$10,172.10	12	0.89%	1.01%	1.65%	N/A	0.03%	-0.09%	-1.68%	-0.64%	1.57%	2.13%	N/A	2.99%	9/14/2009	
Gross Expense Ratio 12																
BM: Bloomberg Barclays U.S. Aggregate Bond Index																
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index																
PG: Intermediate-Term Bond M*star Category																
Fund vs. Intermediate-Term Bond M*star Category																
PG: Fund % Rank in Intermediate-Term Bond M*star Category																
PG: # of funds in Intermediate-Term Bond M*star Category																
Fund Star Rating																
TIAA-CREF BOND PLUS FUND (TIBFX)	\$4,078.80	31	2.07%	2.22%	2.69%	4.46%	-0.11%	-0.24%	-1.45%	0.21%	2.57%	3.18%	4.54%	4.43%	3/31/2006	
Gross Expense Ratio 31																
BM: Bloomberg Barclays U.S. Aggregate Bond Index																
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index																
PG: Intermediate-Term Bond M*star Category																
Fund vs. Intermediate-Term Bond M*star Category																
PG: Fund % Rank in Intermediate-Term Bond M*star Category																
PG: # of funds in Intermediate-Term Bond M*star Category																
Fund Star Rating																
TIAA-CREF EMERGING MARKETS DEBT FUND (TEDNX)	\$374.40	65	7.59%	7.36%	N/A	N/A	-1.95%	-5.28%	-5.90%	-0.81%	5.54%	N/A	N/A	3.93%	9/26/2014	
Gross Expense Ratio 65																
BM: J.P. Morgan Emerging Markets Bond Index (EMBI) Global Diversified																
Fund vs. J.P. Morgan Emerging Markets Bond Index (EMBI) Global Diversified																
PG: Emerging Markets Bond M*star Category																
Fund vs. Emerging Markets Bond M*star Category																
PG: Fund % Rank in Emerging Markets Bond M*star Category																
PG: # of funds in Emerging Markets Bond M*star Category																
Fund Star Rating																
TIAA-CREF HIGH YIELD BOND FUND (TIHYX)	\$4,028.40	36	2.72%	4.42%	4.46%	7.55%	0.48%	1.23%	0.08%	2.25%	4.88%	5.09%	7.53%	6.87%	3/31/2006	
Gross Expense Ratio 36																
BM: ICE BofA ML BB-B Cash Pay Issuer Constrained Index (New)																
Fund vs. ICE BofA ML BB-B Cash Pay Issuer Constrained Index (New)																
PG: High Yield Bond M*star Category																
Fund vs. High Yield Bond M*star Category																
PG: Fund % Rank in High Yield Bond M*star Category																
PG: # of funds in High Yield Bond M*star Category																
Fund Star Rating																
TIAA-CREF INFLATION-LINKED BOND FUND (TIILX)^[7]	\$2,990.50	26	0.23%	0.59%	-0.43%	2.48%	0.39%	0.65%	0.12%	1.33%	1.28%	1.16%	2.59%	3.92%	10/1/2002	
Gross Expense Ratio 26																
BM: Bloomberg Barclays US TIPS 1-10 Year Index																
Fund vs. Bloomberg Barclays US TIPS 1-10 Year Index																
PG: Inflation-Protected Bond M*star Category																
Fund vs. Inflation-Protected Bond M*star Category																
PG: Fund % Rank in Inflation-Protected Bond M*star Category																
PG: # of funds in Inflation-Protected Bond M*star Category																
Fund Star Rating																
TIAA-CREF INTERNATIONAL BOND FUND (TIBWX)	\$260.40	65	4.90%	N/A	N/A	N/A	-0.10%	-1.40%	-0.61%	2.15%	N/A	N/A	N/A	0.98%	8/5/2016	
Gross Expense Ratio 70																
BM: Bloomberg Barclays Global Aggregate ex-USD Index (Hedged)																
Fund vs. Bloomberg Barclays Global Aggregate ex-USD Index (Hedged)																
PG: World Bond M*star Category																
Fund vs. World Bond M*star Category																
PG: Fund % Rank in World Bond M*star Category																
PG: # of funds in World Bond M*star Category																
Fund Star Rating																
TIAA-CREF SHORT-TERM BOND FUND (TISIX)	\$1,810.10	27	1.14%	1.39%	1.18%	2.37%	0.01%	0.21%	0.19%	0.90%	1.46%	1.48%	2.46%	2.85%	3/31/2006	
Gross Expense Ratio 27																
BM: Bloomberg Barclays US 1-3 Yr Govt Credit Index																
Fund vs. Bloomberg Barclays US 1-3 Yr Govt Credit Index																
PG: Short-Term Bond M*star Category																
Fund vs. Short-Term Bond M*star Category																
PG: Fund % Rank in Short-Term Bond M*star Category																
PG: # of funds in Short-Term Bond M*star Category																
Fund Star Rating																
TIAA-CREF SHORT-TERM BOND INDEX FUND (TNSHX)	\$387.60	12	0.11%	N/A	N/A	N/A	0.06%	0.27%	0.07%	0.07%	N/A	N/A	N/A	0.57%	8/7/2015	
Gross Expense Ratio 25																
BM: Bloomberg Barclays US 1-3 Yr Govt Credit Index																
Fund vs. Bloomberg Barclays US 1-3 Yr Govt Credit Index																
PG: Short-Term Bond M*star Category																
Fund vs. Short-Term Bond M*star Category																
PG: Fund % Rank in Short-Term Bond M*star Category																
PG: # of funds in Short-Term Bond M*star Category																
Fund Star Rating																

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
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FUND	Total Portfolio Net Assets (in \$Mill.) 06/30/18	Exp. Ratio (bps) [2]	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Returns				Avg. Annual Returns									
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inc. Date	
TIAA-CREF SOCIAL CHOICE BOND FUND (TSBIX)	\$2,315.60	40	2.14%	1.84%	2.98%	N/A	-0.06%	-0.18%	-1.26%	0.32%	2.38%	3.47%	N/A	2.79%	9/21/2012	
Gross Expense Ratio		40														
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%		-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%		1.63%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			94	64	116		6	-2	36	72	66	120		116		
PG: Intermediate-Term Bond M*star Category			1.31%	1.27%	1.73%		N/A	N/A	N/A	-0.36%	1.68%	2.20%		N/A		
Fund vs. Intermediate-Term Bond M*star Category			83	57	125		N/A	N/A	N/A	68	70	127		N/A		
PG: Fund % Rank in Intermediate-Term Bond M*star Category			15%	18%	4%		N/A	N/A	N/A	15%	14%	3%		N/A		
PG: # of funds in Intermediate-Term Bond M*star Category			999	858	784		N/A	N/A	N/A	999	878	778		N/A		
Fund Star Rating			N/A	****	*****		N/A	N/A	N/A	N/A	****	*****		N/A		
TIAA-CREF TAX-EXEMPT BOND FUND (TTIX)	\$262.70	35	2.48%	1.47%	1.63%	3.70%	0.02%	0.64%	-0.17%	1.17%	2.05%	2.44%	3.82%	3.79%	3/31/2006	
Gross Expense Ratio		37														
BM: Bloomberg Barclays 10-Year Municipal Bond Index			2.31%	2.14%	2.72%	4.66%	0.07%	0.90%	-0.72%	0.86%	2.84%	3.56%	4.74%	4.65%		
Fund vs. Bloomberg Barclays 10-Year Municipal Bond Index			17	-67	-109	-96	-5	-26	55	31	-79	-112	-92	-86		
PG: Muni National Interim M*star Category			2.12%	1.27%	2.06%	3.61%	N/A	N/A	N/A	1.14%	2.30%	2.89%	3.67%	N/A		
Fund vs. Muni National Interim M*star Category			36	-24	-43	9	N/A	N/A	N/A	3	-25	-45	15	N/A		
PG: Fund % Rank in Muni National Interim M*star Category			32%	63%	77%	42%	N/A	N/A	N/A	44%	62%	75%	36%	N/A		
PG: # of funds in Muni National Interim M*star Category			298	257	232	156	N/A	N/A	N/A	304	261	233	154	N/A		
Fund Star Rating			N/A	***	**	***	N/A	N/A	N/A	N/A	***	**	***	N/A		
Multi-Asset																
TIAA-CREF LIFECYCLE 2010 FUND (TCTIX)^[8,9]	\$1,244.90	38	8.17%	5.27%	6.20%	5.67%	-0.17%	0.52%	0.09%	6.09%	5.51%	6.52%	5.91%	5.85%	10/15/2004	
Gross Expense Ratio		50													1/17/2007	
BM: Lifecycle 2010 Fund Composite Index			6.78%	4.61%	5.74%	5.45%	-0.08%	0.83%	-0.06%	5.33%	5.11%	6.09%	5.66%	5.73%		
Fund vs. Lifecycle 2010 Fund Composite Index			139	66	46	22	-9	-31	15	76	40	43	25	12		
BM: S&P Target Date 2010 Index			6.09%	4.13%	5.01%	4.83%	-0.03%	0.82%	-0.05%	4.82%	4.67%	5.38%	5.08%	5.24%		
Fund vs. S&P Target Date 2010 Index			208	114	119	84	-14	-30	14	127	84	114	83	61		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%	3.63%	-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%	3.72%	3.83%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			697	407	438	204	-5	68	171	649	379	425	219	202		
PG: Target-Date 2000-2010 M*star Category			5.94%	4.11%	5.06%	4.77%	N/A	N/A	N/A	4.37%	4.38%	5.33%	4.88%	N/A		
Fund vs. Target-Date 2000-2010 M*star Category			223	116	114	90	N/A	N/A	N/A	172	113	119	103	N/A		
PG: Fund % Rank in Target-Date 2000-2010 M*star Category			1%	1%	6%	8%	N/A	N/A	N/A	1%	1%	3%	6%	N/A		
PG: # of funds in Target-Date 2000-2010 M*star Category			129	110	87	75	N/A	N/A	N/A	135	111	87	76	N/A		
Fund Star Rating			N/A	*****	*****	*****	N/A	N/A	N/A	N/A	*****	*****	*****	N/A		
TIAA-CREF LIFECYCLE 2015 FUND (TCNIX)^[8,9]	\$1,926.40	39	8.96%	5.68%	6.75%	5.90%	-0.20%	0.50%	0.20%	6.66%	5.89%	7.05%	6.15%	6.09%	10/15/2004	
Gross Expense Ratio		51													1/17/2007	
BM: Lifecycle 2015 Fund Composite Index			7.49%	5.02%	6.31%	5.67%	-0.09%	0.91%	0.01%	5.93%	5.53%	6.62%	5.90%	5.97%		
Fund vs. Lifecycle 2015 Fund Composite Index			147	66	44	23	-11	-41	19	73	36	43	25	12		
BM: S&P Target Date 2015 Index			6.95%	4.76%	5.87%	5.35%	-0.03%	0.97%	0.07%	5.55%	5.33%	6.20%	5.63%	5.77%		
Fund vs. S&P Target Date 2015 Index			201	92	88	55	-17	-47	13	111	56	85	52	32		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%	3.63%	-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%	3.72%	3.83%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			776	448	493	227	-8	66	182	706	417	478	243	226		
PG: Target-Date 2015 M*star Category			6.87%	4.43%	5.55%	5.06%	N/A	N/A	N/A	5.14%	4.81%	5.84%	5.22%	N/A		
Fund vs. Target-Date 2015 M*star Category			209	125	120	84	N/A	N/A	N/A	152	108	121	93	N/A		
PG: Fund % Rank in Target-Date 2015 M*star Category			4%	3%	7%	12%	N/A	N/A	N/A	5%	2%	4%	9%	N/A		
PG: # of funds in Target-Date 2015 M*star Category			133	105	74	49	N/A	N/A	N/A	138	109	75	49	N/A		
Fund Star Rating			N/A	*****	*****	*****	N/A	N/A	N/A	N/A	*****	*****	*****	N/A		
TIAA-CREF LIFECYCLE 2020 FUND (TCWIX)^[10,8]	\$3,793.60	40	10.04%	6.21%	7.48%	6.16%	-0.19%	0.68%	0.29%	7.55%	6.42%	7.73%	6.45%	6.31%	10/15/2004	
Gross Expense Ratio		51													1/17/2007	
BM: Lifecycle 2020 Fund Composite Index			8.45%	5.58%	7.06%	5.98%	-0.11%	1.02%	0.12%	6.75%	6.09%	7.31%	6.23%	6.20%		
Fund vs. Lifecycle 2020 Fund Composite Index			159	63	42	18	-8	-34	17	80	33	42	22	11		
BM: S&P Target Date 2020 Index			7.80%	5.33%	6.63%	5.77%	-0.07%	1.09%	0.16%	6.27%	5.91%	6.93%	6.06%	6.18%		
Fund vs. S&P Target Date 2020 Index			224	88	85	39	-12	-41	13	128	51	80	39	13		
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	9.26%		
Fund vs. Russell 3000 Index			-377	-401	-555	-346	-84	-321	-293	-723	-516	-566	-378	-295		
PG: Target-Date 2020 M*star Category			7.60%	4.65%	5.74%	5.16%	N/A	N/A	N/A	5.65%	5.07%	6.07%	5.33%	N/A		
Fund vs. Target-Date 2020 M*star Category			244	156	174	100	N/A	N/A	N/A	190	135	166	112	N/A		
PG: Fund % Rank in Target-Date 2020 M*star Category			3%	4%	4%	15%	N/A	N/A	N/A	3%	3%	2%	8%	N/A		
PG: # of funds in Target-Date 2020 M*star Category			245	200	159	99	N/A	N/A	N/A	252	203	160	106	N/A		
Fund Star Rating			N/A	*****	*****	****	N/A	N/A	N/A	N/A	*****	*****	*****	N/A		
TIAA-CREF LIFECYCLE 2025 FUND (TCYIX)^[10,8]	\$4,376.50	41	11.36%	6.83%	8.24%	6.46%	-0.28%	0.85%	0.57%	8.73%	7.03%	8.45%	6.78%	6.56%	10/15/2004	
Gross Expense Ratio		52													1/17/2007	
BM: Lifecycle 2025 Fund Composite Index			9.58%	6.22%	7.86%	6.30%	-0.12%	1.16%	0.27%	7.75%	6.75%	8.07%	6.58%	6.46%		
Fund vs. Lifecycle 2025 Fund Composite Index			178	61	38	16	-16	-31	30	98	28	38	20	10		
BM: S&P Target Date 2025 Index			9.03%	6.01%	7.34%	6.12%	-0.11%	1.24%	0.29%	7.38%	6.59%	7.60%	6.43%	6.56%		
Fund vs. S&P Target Date 2025 Index			233	82	90	34	-17	-39	28	135	44	85	35	0		
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	9.26%		
Fund vs. Russell 3000 Index			-245	-339	-479	-316	-93	-304	-265	-605	-455	-484	-345	-270		
PG: Target-Date 2025 M*star Category			9.10%	5.42%	6.69%	5.74%	N/A	N/A	N/A	6.79%	5.83%	6.94%	5.91%	N/A		
Fund vs. Target-Date 2025 M*star Category			226	141	155	72	N/A	N/A	N/A	194	120	151	87	N/A		
PG: Fund % Rank in Target-Date 2025 M*star Category			4%	2%	5%	23%	N/A	N/A	N/A	1%	2%	3%	15%	N/A		
PG: # of funds in Target-Date 2025 M*star Category			215	173	136	72	N/A	N/A	N/A	222	178	138	72	N/A		
Fund Star Rating			N/A	*****	*****	****	N/A	N/A	N/A	N/A	*****	*****	****	N/A		

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TIAA-CREF FUNDS
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FUND	Total Portfolio Net Assets (in \$Mill.) 06/30/18	Exp. Ratio (bps) ^[2]	Previous Quarter-End Returns				Current Month-End Returns							10/15/2004	
			Avg. Annual Returns				Avg. Annual Returns								
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year		Since Inception
04/01/17 to 03/31/18	04/01/15 to 03/31/18	04/01/13 to 03/31/18	04/01/08 to 03/31/18	06/01/18 to 06/30/18	04/01/18 to 06/30/18	01/01/18 to 06/30/18	07/01/17 to 06/30/18	07/01/15 to 06/30/18	07/01/13 to 06/30/18	07/01/08 to 06/30/18	06/30/18 to 06/30/18	Date			
TIAA-CREF LIFECYCLE 2030 FUND (TCRIX)^[10,8]	\$4,318.30	42	12.81%	7.46%	9.01%	6.70%	-0.28%	0.94%	0.75%	9.92%	7.62%	9.15%	7.03%	6.74%	10/15/2004
Gross Expense Ratio 53 1/17/2007															
BM: Lifecycle 2030 Fund Composite Index 10.72% 6.87% 8.64% 6.59% -0.13% 1.31% 0.41% 8.75% 7.41% 8.81% 6.90% 6.71%															
Fund vs. Lifecycle 2030 Fund Composite Index 209 59 37 11 -15 -37 34 117 21 34 13 3															
BM: S&P Target Date 2030 Index 10.19% 6.62% 8.02% 6.39% -0.15% 1.40% 0.44% 8.47% 7.23% 8.26% 6.73% 6.85%															
Fund vs. S&P Target Date 2030 Index 262 84 99 31 -13 -46 31 145 39 89 30 -11															
BM: Russell 3000 Index 13.81% 10.22% 13.03% 9.62% 0.65% 3.89% 3.22% 14.78% 11.58% 13.29% 10.23% 9.26%															
Fund vs. Russell 3000 Index -100 -276 -402 -292 -93 -295 -247 -486 -396 -414 -320 -252															
PG: Target-Date 2030 Mstar Category 10.37% 6.07% 7.36% 5.86% N/A N/A N/A 7.88% 6.48% 7.64% 6.06% N/A															
Fund vs. Target-Date 2030 Mstar Category 244 139 165 84 N/A N/A N/A 204 114 151 97 N/A															
PG: Fund % Rank in Target-Date 2030 Mstar Category 3% 6% 5% 22% N/A N/A N/A 1% 6% 4% 16% N/A															
PG: # of funds in Target-Date 2030 Mstar Category 235 190 149 89 N/A N/A N/A 241 193 150 96 N/A															
Fund Star Rating N/A ***** **** N/A N/A N/A N/A ***** ***** **** N/A															
TIAA-CREF LIFECYCLE 2035 FUND (TCIIX)^[10,8]	\$4,388.90	43	14.06%	8.05%	9.69%	7.02%	-0.36%	1.11%	0.92%	11.04%	8.21%	9.80%	7.38%	7.08%	10/15/2004
Gross Expense Ratio 54 1/17/2007															
BM: Lifecycle 2035 Fund Composite Index 11.83% 7.48% 9.37% 6.99% -0.14% 1.46% 0.58% 9.78% 8.02% 9.51% 7.32% 7.09%															
Fund vs. Lifecycle 2035 Fund Composite Index 223 57 32 3 -22 -35 34 126 19 29 6 -1															
BM: S&P Target Date 2035 Index 11.31% 7.21% 8.64% 6.64% -0.19% 1.52% 0.56% 9.47% 7.83% 8.88% 7.00% 7.08%															
Fund vs. S&P Target Date 2035 Index 275 84 105 38 -17 -41 36 157 38 92 38 0															
BM: Russell 3000 Index 13.81% 10.22% 13.03% 9.62% 0.65% 3.89% 3.22% 14.78% 11.58% 13.29% 10.23% 9.26%															
Fund vs. Russell 3000 Index 25 -217 -334 -260 -101 -278 -230 -374 -337 -349 -285 -218															
PG: Target-Date 2035 Mstar Category 11.73% 6.73% 8.16% 6.35% N/A N/A N/A 8.94% 7.13% 8.36% 6.55% N/A															
Fund vs. Target-Date 2035 Mstar Category 233 132 153 67 N/A N/A N/A 210 108 144 83 N/A															
PG: Fund % Rank in Target-Date 2035 Mstar Category 4% 7% 5% 19% N/A N/A N/A 5% 9% 8% 19% N/A															
PG: # of funds in Target-Date 2035 Mstar Category 210 168 131 67 N/A N/A N/A 217 173 133 67 N/A															
Fund Star Rating N/A ***** **** N/A N/A N/A N/A ***** ***** **** N/A															
TIAA-CREF LIFECYCLE 2040 FUND (TCOIX)^[10,8]	\$5,342.80	44	15.41%	8.62%	10.26%	7.36%	-0.45%	1.19%	1.19%	12.24%	8.75%	10.34%	7.73%	7.48%	10/15/2004
Gross Expense Ratio 55 1/17/2007															
BM: Lifecycle 2040 Fund Composite Index 12.94% 8.09% 9.97% 7.33% -0.14% 1.63% 0.79% 10.85% 8.64% 10.11% 7.68% 7.48%															
Fund vs. Lifecycle 2040 Fund Composite Index 247 53 29 3 -31 -44 40 139 11 23 5 0															
BM: S&P Target Date 2040 Index 12.07% 7.61% 9.07% 6.83% -0.22% 1.64% 0.68% 10.20% 8.26% 9.30% 7.20% 7.28%															
Fund vs. S&P Target Date 2040 Index 334 101 119 53 -23 -45 51 204 49 104 53 20															
BM: Russell 3000 Index 13.81% 10.22% 13.03% 9.62% 0.65% 3.89% 3.22% 14.78% 11.58% 13.29% 10.23% 9.26%															
Fund vs. Russell 3000 Index 160 -160 -277 -226 -110 -270 -203 -254 -283 -295 -250 -178															
PG: Target-Date 2040 Mstar Category 12.42% 7.04% 8.48% 6.33% N/A N/A N/A 9.56% 7.46% 8.73% 6.57% N/A															
Fund vs. Target-Date 2040 Mstar Category 299 158 178 103 N/A N/A N/A 268 129 161 116 N/A															
PG: Fund % Rank in Target-Date 2040 Mstar Category 1% 4% 4% 16% N/A N/A N/A 2% 3% 4% 13% N/A															
PG: # of funds in Target-Date 2040 Mstar Category 235 190 149 89 N/A N/A N/A 241 193 150 96 N/A															
Fund Star Rating N/A ***** **** N/A N/A N/A N/A ***** ***** **** N/A															
TIAA-CREF LIFECYCLE 2045 FUND (TTFIX)^[10]	\$2,823.60	45	15.97%	8.92%	10.43%	7.31%	-0.39%	1.42%	1.42%	12.94%	9.14%	10.58%	7.66%	5.94%	11/30/2007
Gross Expense Ratio 57															
BM: Lifecycle 2045 Fund Composite Index 13.51% 8.45% 10.19% 7.44% -0.14% 1.73% 0.91% 11.42% 9.04% 10.36% 7.80% 6.23%															
Fund vs. Lifecycle 2045 Fund Composite Index 246 47 24 -13 -25 -31 51 152 10 22 -14 -29															
BM: S&P Target Date 2045 Index 12.50% 7.88% 9.38% 6.89% -0.24% 1.66% 0.70% 10.55% 8.52% 9.59% 7.27% 5.67%															
Fund vs. S&P Target Date 2045 Index 347 104 105 42 -15 -24 72 239 62 99 39 27															
BM: Russell 3000 Index 13.81% 10.22% 13.03% 9.62% 0.65% 3.89% 3.22% 14.78% 11.58% 13.29% 10.23% 8.37%															
Fund vs. Russell 3000 Index 216 -130 -260 -231 -104 -247 -180 -184 -244 -271 -257 -243															
PG: Target-Date 2045 Mstar Category 13.18% 7.38% 8.89% 6.57% N/A N/A N/A 10.12% 7.79% 9.06% 6.78% N/A															
Fund vs. Target-Date 2045 Mstar Category 279 154 154 74 N/A N/A N/A 282 135 152 88 N/A															
PG: Fund % Rank in Target-Date 2045 Mstar Category 1% 2% 4% 19% N/A N/A N/A 1% 2% 4% 20% N/A															
PG: # of funds in Target-Date 2045 Mstar Category 210 168 131 66 N/A N/A N/A 217 173 133 66 N/A															
Fund Star Rating N/A ***** **** N/A N/A N/A N/A ***** ***** **** N/A															
TIAA-CREF LIFECYCLE 2050 FUND (TFTIX)^[10]	\$1,841.40	45	16.18%	9.07%	10.54%	7.33%	-0.46%	1.34%	1.34%	13.06%	9.26%	10.65%	7.58%	5.95%	11/30/2007
Gross Expense Ratio 57															
BM: Lifecycle 2050 Fund Composite Index 13.69% 8.60% 10.28% 7.48% -0.14% 1.76% 0.94% 11.59% 9.20% 10.45% 7.85% 6.27%															
Fund vs. Lifecycle 2050 Fund Composite Index 249 47 26 -15 -32 -42 40 147 6 20 -27 -32															
BM: S&P Target Date 2050 Index 12.83% 8.11% 9.68% 7.05% -0.25% 1.72% 0.77% 10.85% 8.75% 9.89% 7.44% 5.82%															
Fund vs. S&P Target Date 2050 Index 335 96 86 28 -21 -38 57 221 51 76 14 13															
BM: Russell 3000 Index 13.81% 10.22% 13.03% 9.62% 0.65% 3.89% 3.22% 14.78% 11.58% 13.29% 10.23% 8.37%															
Fund vs. Russell 3000 Index 237 -115 -249 -229 -111 -255 -188 -172 -232 -264 -265 -242															
PG: Target-Date 2050 Mstar Category 13.25% 7.41% 8.91% 6.57% N/A N/A N/A 10.22% 7.83% 9.15% 6.82% N/A															
Fund vs. Target-Date 2050 Mstar Category 293 166 163 76 N/A N/A N/A 284 143 150 76 N/A															
PG: Fund % Rank in Target-Date 2050 Mstar Category 1% 2% 4% 24% N/A N/A N/A 3% 2% 3% 26% N/A															
PG: # of funds in Target-Date 2050 Mstar Category 231 185 144 61 N/A N/A N/A 237 188 145 70 N/A															
Fund Star Rating N/A ***** **** N/A N/A N/A N/A ***** ***** **** N/A															
TIAA-CREF LIFECYCLE 2055 FUND (TRRIX)^[10]	\$569.80	45	16.38%	9.20%	10.61%	N/A	-0.41%	1.39%	1.46%	13.23%	9.41%	10.73%	N/A	9.20%	4/29/2011
Gross Expense Ratio 61															
BM: Lifecycle 2055 Fund Composite Index 13.86% 8.74% 10.37% -0.14% 1.78% 0.97% 11.76% 9.35% 10.54% 9.27%															
Fund vs. Lifecycle 2055 Fund Composite Index 252 46 24 -27 -39 49 147 6 19 -7															
BM: S&P Target Date 2055 Index 13.00% 8.24% 9.87% -0.26% 1.70% 0.78% 10.96% 8.86% 10.06% 8.68%															
Fund vs. S&P Target Date 2055 Index 338 96 74 -15 -31 68 227 55 67 52															
BM: Russell 3000 Index 13.81% 10.22% 13.03% 0.65% 3.89% 3.22% 14.78% 11.58% 13.29% 12.22%															
Fund vs. Russell 3000 Index 257 -102 -242 -106 -250 -176 -155 -217 -256 -302															
PG: Target-Date 2055 Mstar Category 13.61% 7.61% 9.23% N/A N/A N/A 10.47% 7.97% 9.38% N/A															
Fund vs. Target-Date 2055 Mstar Category 277 159 138 N/A N/A N/A 276 144 135 N/A															
PG: Fund % Rank in Target-Date 2055 Mstar Category 1% 2% 3% N/A N/A N/A 1% 2% 3% N/A															
PG: # of funds in Target-Date 2055 Mstar Category 208 159 105 N/A N/A N/A 215 171 106 N/A															
Fund Star Rating N/A ***** **** N/A N/A N/A N/A ***** ***** **** N/A															

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
INSTITUTIONAL SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mil.) 06/30/18	Exp. Ratio (bps) ^[2]	Previous Quarter-End Returns				Current Month-End Returns								Inc. Date
			Avg. Annual Returns				Avg. Annual Returns								
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	
			04/01/17 to 03/31/18	04/01/15 to 03/31/18	04/01/13 to 03/31/18	04/01/08 to 03/31/18	06/01/18 to 06/30/18	04/01/18 to 06/30/18	01/01/18 to 06/30/18	07/01/17 to 06/30/18	07/01/15 to 06/30/18	07/01/13 to 06/30/18	07/01/08 to 06/30/18		
TIAA-CREF LIFECYCLE INDEX RETIREMENT INCOME FUND (TRILX)^[9]	\$297.30	10	6.50%	4.29%	5.23%	N/A	0.02%	0.65%	0.03%	4.91%	4.81%	5.67%	N/A	6.43%	9/30/2009
Gross Expense Ratio			37												
BM: Lifecycle Index Retirement Income Composite Benchmark			6.40%												
Fund vs. Lifecycle Index Retirement Income Composite Benchmark			10												
BM: S&P Target Date Retirement Income Index			5.35%												
Fund vs. S&P Target Date Retirement Income Index			115												
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%												
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			530												
PG: Target-Date Retirement M*star Category			4.95%												
Fund vs. Target-Date Retirement M*star Category			155												
PG: Fund % Rank in Target-Date Retirement M*star Category			14%												
PG: # of funds in Target-Date Retirement M*star Category			183												
Fund Star Rating			N/A												
TIAA-CREF LIFECYCLE RETIREMENT INCOME FUND (TLRIX)^[9]	\$541.40	38	7.65%	4.99%	5.69%	5.58%	-0.11%	0.49%	0.04%	5.70%	5.27%	6.06%	5.78%	4.98%	11/30/2007
Gross Expense Ratio			54												
BM: Lifecycle Retirement Income Fund Composite Index			6.36%												
Fund vs. Lifecycle Retirement Income Fund Composite Index			129												
BM: S&P Target Date Retirement Income Index			5.35%												
Fund vs. S&P Target Date Retirement Income Index			230												
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%												
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			645												
PG: Target-Date Retirement M*star Category			4.95%												
Fund vs. Target-Date Retirement M*star Category			270												
PG: Fund % Rank in Target-Date Retirement M*star Category			2%												
PG: # of funds in Target-Date Retirement M*star Category			183												
Fund Star Rating			N/A												
TIAA-CREF LIFESTYLE AGGRESSIVE GROWTH FUND (TSAIX)^[12]	\$115.20	56	17.27%	9.34%	11.23%	N/A	-0.41%	1.56%	1.69%	14.06%	9.54%	11.24%	N/A	12.83%	12/9/2011
Gross Expense Ratio			86												
BM: Lifestyle Aggressive Composite Benchmark			14.81%												
Fund vs. Lifestyle Aggressive Composite Benchmark			246												
BM: Morningstar Aggressive Target Risk TR USD			14.10%												
Fund vs. Morningstar Aggressive Target Risk TR USD			317												
BM: Russell 3000 Index			13.81%												
Fund vs. Russell 3000 Index			346												
PG: Allocation--85%+ Equity M*star Category			11.51%												
Fund vs. Allocation--85%+ Equity M*star Category			576												
PG: Fund % Rank in Allocation--85%+ Equity M*star Category			1%												
PG: # of funds in Allocation--85%+ Equity M*star Category			191												
Fund Star Rating			N/A												
TIAA-CREF LIFESTYLE CONSERVATIVE FUND (TCSIX)^[11]	\$225.10	46	7.79%	4.98%	5.78%	N/A	-0.21%	0.50%	0.11%	5.74%	5.18%	6.07%	N/A	6.79%	12/9/2011
Gross Expense Ratio			58												
BM: Lifestyle Conservative Composite Benchmark			6.34%												
Fund vs. Lifestyle Conservative Composite Benchmark			145												
BM: Morningstar Moderately Conservative Target Risk TR USD			6.54%												
Fund vs. Morningstar Moderately Conservative Target Risk TR USD			125												
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%												
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			659												
PG: Allocation--30% to 50% Equity M*star Category			5.40%												
Fund vs. Allocation--30% to 50% Equity M*star Category			239												
PG: Fund % Rank in Allocation--30% to 50% Equity M*star Category			10%												
PG: # of funds in Allocation--30% to 50% Equity M*star Category			511												
Fund Star Rating			N/A												
TIAA-CREF LIFESTYLE GROWTH FUND (TSGGX)^[12]	\$153.70	53	14.16%	8.01%	9.55%	N/A	-0.38%	1.16%	0.97%	11.13%	8.22%	9.65%	N/A	10.99%	12/9/2011
Gross Expense Ratio			72												
BM: Lifestyle Growth Composite Benchmark			12.02%												
Fund vs. Lifestyle Growth Composite Benchmark			214												
BM: Morningstar Moderately Aggressive Target Risk TR USD			12.00%												
Fund vs. Morningstar Moderately Aggressive Target Risk TR USD			216												
BM: Russell 3000 Index			13.81%												
Fund vs. Russell 3000 Index			35												
PG: Allocation--70% to 85% Equity M*star Category			9.75%												
Fund vs. Allocation--70% to 85% Equity M*star Category			441												
PG: Fund % Rank in Allocation--70% to 85% Equity M*star Category			7%												
PG: # of funds in Allocation--70% to 85% Equity M*star Category			351												
Fund Star Rating			N/A												
TIAA-CREF LIFESTYLE INCOME FUND (TSITX)^[11]	\$70.80	43	4.49%	3.30%	3.70%	N/A	-0.10%	0.26%	-0.23%	3.07%	3.53%	4.05%	N/A	4.46%	12/9/2011
Gross Expense Ratio			72												
BM: Lifestyle Income Composite Benchmark			3.46%												
Fund vs. Lifestyle Income Composite Benchmark			103												
BM: Morningstar Conservative Target Risk TR USD			4.02%												
Fund vs. Morningstar Conservative Target Risk TR USD			47												
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%												
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			329												
PG: Allocation--15% to 30% Equity M*star Category			2.99%												
Fund vs. Allocation--15% to 30% Equity M*star Category			150												
PG: Fund % Rank in Allocation--15% to 30% Equity M*star Category			19%												
PG: # of funds in Allocation--15% to 30% Equity M*star Category			200												
Fund Star Rating			N/A												

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
INSTITUTIONAL SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) ^[2]	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Returns				Avg. Annual Returns									
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception		
			04/01/17 to 03/31/18	04/01/15 to 03/31/18	04/01/13 to 03/31/18	04/01/08 to 03/31/18	06/01/18 to 06/30/18	04/01/18 to 06/30/18	01/01/18 to 06/30/18	07/01/17 to 06/30/18	07/01/15 to 06/30/18	07/01/13 to 06/30/18	07/01/08 to 06/30/18	06/30/18 to 06/30/18	Inc. Date	
TIAA-CREF LIFESTYLE MODERATE FUND (TSIMX)^[12]	\$335.20	50	11.03%	6.56%	7.83%	N/A	-0.32%	0.82%	0.41%	8.38%	6.81%	8.06%	N/A	9.12%	12/9/2011	
Gross Expense Ratio		59														
BM: Lifestyle Moderate Composite Benchmark			9.27%	6.03%	7.34%		-0.13%	1.09%	0.10%	7.36%	6.59%	7.66%		8.37%		
Fund vs.Lifestyle Moderate Composite Benchmark			176	53	49		-19	-27	31	102	22	40		75		
BM: Morningstar Moderate Target Risk TR USD			9.09%	6.13%	6.69%		-0.15%	0.56%	-0.31%	6.92%	6.41%	6.92%		7.84%		
Fund vs.Morningstar Moderate Target Risk TR USD			194	43	114		-17	26	72	146	40	114		128		
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		14.87%		
Fund vs.Russell 3000 Index			-278	-366	-520		-97	-307	-281	-640	-477	-523		-575		
PG: Allocation-50% to 70% Equity Mstar Category			7.78%	4.89%	6.55%		N/A	N/A	N/A	6.58%	5.59%	6.85%		N/A		
Fund vs. Allocation-50% to 70% Equity Mstar Category			325	167	128		N/A	N/A	N/A	180	122	121		N/A		
PG: Fund % Rank in Allocation-50% to 70% Equity Mstar Category			10%	15%	27%		N/A	N/A	N/A	19%	22%	25%		N/A		
PG: # of funds in Allocation-50% to 70% Equity Mstar Category			777	680	628		N/A	N/A	N/A	766	674	617		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF MANAGED ALLOCATION FUND (TIMIX)^[12]	\$864.30	40	11.01%	6.72%	7.91%	6.57%	-0.28%	0.82%	0.30%	8.31%	6.96%	8.13%	6.84%	6.14%	3/31/2006	
Gross Expense Ratio		43														
BM: Managed Allocation Composite Index ^[5]			9.27%	6.03%	7.40%	6.38%	-0.13%	1.09%	0.10%	7.36%	6.59%	7.66%	6.64%	6.12%		
Fund vs.Managed Allocation Composite Index			174	69	51	19	-15	-27	20	95	37	47	20	2		
BM: Morningstar Moderate Target Risk TR USD			9.09%	6.13%	6.69%	6.12%	-0.15%	0.56%	-0.31%	6.92%	6.41%	6.92%	6.28%	6.10%		
Fund vs.Morningstar Moderate Target Risk TR USD			192	59	122	45	-13	26	61	139	55	121	56	4		
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	8.52%		
Fund vs.Russell 3000 Index			-280	-350	-512	-305	-93	-307	-292	-647	-462	-516	-339	-238		
PG: Allocation-50% to 70% Equity Mstar Category			7.78%	4.89%	6.55%	6.06%	N/A	N/A	N/A	6.58%	5.59%	6.85%	6.27%	N/A		
Fund vs. Allocation-50% to 70% Equity Mstar Category			323	183	136	51	N/A	N/A	N/A	173	137	128	57	N/A		
PG: Fund % Rank in Allocation-50% to 70% Equity Mstar Category			10%	12%	24%	36%	N/A	N/A	N/A	20%	21%	24%	37%	N/A		
PG: # of funds in Allocation-50% to 70% Equity Mstar Category			777	680	628	442	N/A	N/A	N/A	766	674	617	439	N/A		
Fund Star Rating			N/A	****	****	***	N/A	N/A	N/A	N/A	****	****	***	N/A		

Money Market

TIAA-CREF MONEY MARKET FUND (TCIXX)^[13,3,6]	\$1,028.50	14	0.96%	0.46%	0.28%	0.39%	0.14%	0.40%	0.72%	1.19%	0.59%	0.36%	0.37%	1.88%	7/1/1999
Gross Expense Ratio		14													
BM: iMoneyNet Money Fund AveragesTM-All Government			0.66%	0.27%	0.16%	0.19%	0.11%	0.33%	0.57%	0.89%	0.37%	0.23%	0.18%	1.50%	
Fund vs.iMoneyNet Money Fund AveragesTM-All Government			30	19	12	20	3	7	15	30	22	13	19	38	
7-Day Effective Yield as of 06/30/2018: 1.75%															
7-Day Current Yield as of 06/30/2018: 1.75%															

MUTUAL FUND TOTALS^[11]

\$135,509.70

BM = Benchmark; PG = Peer Group; % Rank within Morningstar Category: 1 = Best 100 = Worst; Morningstar Category Returns are equal-weighted.

The Morningstar category averages, percentile ranks and star ratings are sourced from the Morningstar Essentials files prepared for TIAA as well as from Morningstar Direct.

[1] Combined Mutual Funds' Net Assets exclude the Managed Allocation Fund, Lifecycle Funds, and Lifestyle Funds.

[2] The net expense ratio (top number) represents expenses after reimbursement and waivers, and is what participants actually pay. The number below represents the gross expense ratio, before consideration for reimbursements and/or waivers.

[3] The "Since Inception" benchmark performance shown is computed from August 1999.

[4] The "Since Inception" values presented are cumulative values and not average annualized total returns.

[5] 42% Russell 3000® Index, 40% Bloomberg Barclays U.S. Aggregate Bond Index, 18% Morgan Stanley All Country World Index ex-USA.

[6] Beginning December 13, 2011, part or all of the investment management fees of the Institutional Class of the TIAA-CREF Money Market Fund may be voluntarily waived. Without this waiver, current and effective annualized yields and total returns would be lower. This voluntary fee waiver may be discontinued at any time without notice.

[7] Effective January 1, 2016 the Fund's benchmark index changed from the Bloomberg Barclays U.S. TIPS Index to the Bloomberg Barclays 1-10 US Treasury Inflation Protected Securities Index.

[8] The Institutional Class began operations on January 17, 2007. Where a product lists two inception dates, the top date reflects the inception date of the product's oldest share class, and the bottom date represents the date of inception for the Share Class being reported. Performance shown for periods prior to the inception of the Institutional Class reflects the performance of the Retirement Class, and has not been adjusted to reflect the higher expenses of the Retirement Class.

[9] The S&P Target Date Indexes represent a broadly derived consensus of asset class exposure for the respective target retirement date based on market observations acquired through an annual survey of target date fund managers. The S&P Target Date Index returns include the fees and expenses of the exchange-traded funds that comprise each respective index. Previously, the Lifecycle Active and Index 2010, 2015 and Retirement Income Funds compared their performance to the Bloomberg Barclays U.S. Aggregate Bond Index instead of the S&P Target Date Indexes shown in the chart above. The returns of the S&P Target Date Indexes are more appropriate for comparison purposes because they reflect multi-asset class exposure for the same target date as the Fund.

[10] The S&P Target Date Indexes represent a broadly derived consensus of asset class exposure for the respective target retirement date based on market observations acquired through an annual survey of target date fund managers. The S&P Target Date Index returns include the fees and expenses of the exchange-traded funds that comprise each respective index. Previously, the Lifecycle Active and Index 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055 and 2060 Funds compared their performance to the Russell 3000 Index instead of the S&P Target Date Indexes shown in the chart above. The returns of the S&P Target Date Indexes are more appropriate for comparison purposes because they reflect multi-asset class exposure for the same target date as the Fund.

[11] The Morningstar Target Risk Indexes are asset allocation indexes comprised of constituent Morningstar indexes and reflect global equity market exposure of 20%, 40%, 60%, 80% or 95% based on an asset allocation methodology from Ibbotson Associates, a Morningstar company. The returns of the Morningstar Target Risk Indexes do not reflect a deduction for fees or expenses. Previously, the Lifestyle Moderate, Growth and Aggressive, and the TIAA-CREF Managed Allocation Fund compared their performance to the Russell 3000 Index instead of the Morningstar Target Risk Indexes shown in the chart above. The returns of the Morningstar Target Risk Indexes are more appropriate for comparison purposes because they reflect multi-asset class exposure and similar risk profiles.

[12] The Morningstar Target Risk Indexes are asset allocation indexes comprised of constituent Morningstar indexes and reflect global equity market exposure of 20%, 40%, 60%, 80% or 95% based on an asset allocation methodology from Ibbotson Associates, a Morningstar company. The returns of the Morningstar Target Risk Indexes do not reflect a deduction for fees or expenses. Previously, the Lifestyle Moderate, Growth and Aggressive, and the TIAA-CREF Managed Allocation Fund compared their performance to the Russell 3000 Index instead of the Morningstar Target Risk Indexes shown in the chart above. The returns of the Morningstar Target Risk Indexes are more appropriate for comparison purposes because they reflect multi-asset class exposure and similar risk profiles.

[13] Effective October 1, 2016, the iMoneyNet Money Fund Averages-All Taxable peer group was changed to the iMoneyNet Money Fund Averages-All Government.

Teachers Advisors, LLC. ("Advisors"), the Funds' investment adviser has contractually agreed to reimburse the Funds for any Total Annual Fund Operating Expenses (excluding Acquired Fund Fees and Expenses and extraordinary expenses) that exceed 0.00% of average daily net assets for the Lifecycle and 0.04% for the Lifecycle Index Institutional Class Funds. These expense reimbursement arrangements will continue through at least September 30, 2018 unless changed with approval of the Board of Trustees.

In addition to the expense reimbursement arrangement, Advisors has contractually agreed to waive a portion of the Fund's Management Fee equal to, on an annual basis of 0.10% for the all of the Lifecycle Funds. This waiver will remain in effect through September 30, 2018, unless changed with approval of the Board of Trustees.

Under the Funds' expense reimbursement arrangements, the Funds' investment adviser, Teachers Advisors, LLC. ("Advisors"), has contractually agreed to reimburse the Funds for any Total Annual Fund Operating Expenses (excluding Acquired Fund Fees and Expenses and extraordinary expenses) that exceed the following annual rates of average daily net assets: a) 0.52% for the Growth & Income Fund; 0.60% for the International Equity Fund; 0.95% for the Emerging Markets Equity Fund; 0.52% for the Large-Cap Growth Fund; 0.52% for the Large-Cap Value Fund; 0.55% for the Mid-Cap Growth Fund; 0.55% for the Mid-Cap Value Fund; 0.53% for the Small-Cap Equity Fund; 0.09% for the Large-Cap Growth Index Fund; 0.09% for the Large-Cap Value Index Fund; 0.09% for the Equity Index Fund; 0.09% for the S&P 500 Index Fund; 0.09% for the Small-Cap Blend Index Fund; 0.15% for the International Equity Index Fund; 0.50% for the Enhanced International Equity Index Fund; 0.40% for the Enhanced Large-Cap Growth Index Fund; 0.40% for the Enhanced Large-Cap Value Index Fund; 0.25% for the Emerging Markets Equity Index Fund; 0.22% for the Social Choice Equity Fund; 0.75% for the Global Natural Resources Fund; 0.70% for the International Opportunities Fund; 0.65% for the Emerging Markets Debt Fund; b) 0.57% for the Real Estate Securities Fund; 0.35% for the Bond Fund; 0.35% for the Bond Plus Fund; 0.30% for the Short-Term Bond Fund; 0.30% for the Inflation-Linked Bond Fund; 0.40% for the High-Yield Fund; 0.35% for the Tax-Exempt Bond Fund; 0.13% for the Bond Index Fund; 0.15% for the Money Market Fund; 0.40% for the Social Choice Bond Fund; 0.12% for the Short-Term Bond Index Fund; 0.32% for the Social Choice Low Carbon Equity Fund; 0.40% for the Social Choice International Equity Index; c) 0.00% for the Managed Allocation Fund.

a) These expense reimbursement arrangements will continue through at least February 28, 2019 unless changed with approval of the Board of Trustees.

b) These expense reimbursement arrangements will continue through at least July 31, 2018 unless changed with approval of the Board of Trustees.

c) These expense reimbursement arrangements will continue through at least September 30, 2018 unless changed with approval of the Board of Trustees.

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
ADVISOR SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) [2]	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Return				Avg. Annual Return									
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception		
			04/01/17 to 03/31/18	04/01/15 to 03/31/18	04/01/13 to 03/31/18	04/01/08 to 03/31/18	06/01/18 to 06/30/18	04/01/18 to 06/30/18	01/01/18 to 06/30/18	07/01/17 to 06/30/18	07/01/15 to 06/30/18	07/01/13 to 06/30/18	07/01/08 to 06/30/18	Inc. Date		
International Equities																
TIAA-CREF EMERGING MARKETS EQUITY FUND (TEMHX)	\$1,428.50	101	27.96%	10.28%	4.57%	N/A	-4.08%	-10.48%	-8.20%	7.97%	6.08%	4.19%	N/A	3.18%	8/31/2010	
Gross Expense Ratio 101																
BM: MS Emerging Market 24.93% 8.81% 4.99%																
Fund vs. MS Emerging Market 303 147 -42																
PG: Diversified Emerging Mkts M*star Category 22.90% 8.23% 4.45%																
Fund vs. Diversified Emerging Mkts M*star Category 506 205 12																
PG: Fund % Rank in Diversified Emerging Mkts M*star Category 20% 24% 54%																
PG: # of funds in Diversified Emerging Mkts M*star Category 815 666 474																
Fund Star Rating N/A **** **																
TIAA-CREF EMERGING MARKETS EQUITY INDEX FUND (TEQHX)	\$2,576.10	36	25.30%	9.01%	5.03%	N/A	-4.20%	-8.88%	-6.75%	7.50%	5.44%	4.92%	N/A	3.27%	8/31/2010	
Gross Expense Ratio 36																
BM: MS Emerging Market 24.93% 8.81% 4.99%																
Fund vs. MS Emerging Market 37 20 4																
PG: Diversified Emerging Mkts M*star Category 22.90% 8.23% 4.45%																
Fund vs. Diversified Emerging Mkts M*star Category 240 78 58																
PG: Fund % Rank in Diversified Emerging Mkts M*star Category 36% 43% 40%																
PG: # of funds in Diversified Emerging Mkts M*star Category 815 666 474																
Fund Star Rating N/A *** **																
TIAA-CREF ENHANCED INTERNATIONAL EQUITY INDEX FUND (TEIEIX)	\$1,905.40	50	15.85%	5.66%	6.92%	2.99%	-1.86%	-2.70%	-3.76%	5.04%	4.61%	6.33%	2.89%	1.37%	11/30/2007	
Gross Expense Ratio 50																
BM: Morgan Stanley EAFE Index 14.80% 5.55% 6.50% 2.74%																
Fund vs. Morgan Stanley EAFE Index 105 11 42 25																
PG: Foreign Large Blend M*star Category 15.20% 5.75% 6.21% 2.64%																
Fund vs. Foreign Large Blend M*star Category 65 -9 71 35																
PG: Fund % Rank in Foreign Large Blend M*star Category 44% 54% 31% 35%																
PG: # of funds in Foreign Large Blend M*star Category 768 605 536 355																
Fund Star Rating N/A *** **** **																
TIAA-CREF INTERNATIONAL EQUITY FUND (TIEHX)	\$4,853.20	64	20.14%	6.65%	7.80%	3.12%	-2.76%	-3.51%	-4.74%	6.68%	4.78%	6.78%	3.48%	5.16%	7/1/1999	
Gross Expense Ratio 67																
BM: Morgan Stanley EAFE Index 14.80% 5.55% 6.50% 2.74%																
Fund vs. Morgan Stanley EAFE Index 534 110 130 38																
PG: Foreign Large Blend M*star Category 20.06% 7.35% 7.62% 3.90%																
Fund vs. Foreign Large Blend M*star Category 8 -70 18 -78																
PG: Fund % Rank in Foreign Large Blend M*star Category 43% 56% 36% 76%																
PG: # of funds in Foreign Large Blend M*star Category 409 339 293 211																
Fund Star Rating N/A *** **																
TIAA-CREF INTERNATIONAL EQUITY INDEX FUND (TCHIX)	\$12,162.90	20	15.21%	5.84%	6.66%	2.95%	-1.31%	-1.80%	-2.58%	6.28%	4.84%	6.46%	2.99%	7.95%	10/1/2002	
Gross Expense Ratio 20																
BM: Morgan Stanley EAFE Index 14.80% 5.55% 6.50% 2.74%																
Fund vs. Morgan Stanley EAFE Index 41 29 16 21																
PG: Foreign Large Blend M*star Category 15.20% 5.75% 6.21% 2.64%																
Fund vs. Foreign Large Blend M*star Category 1 9 45 31																
PG: Fund % Rank in Foreign Large Blend M*star Category 54% 48% 38% 36%																
PG: # of funds in Foreign Large Blend M*star Category 768 605 536 355																
Fund Star Rating N/A *** **																
TIAA-CREF INTERNATIONAL OPPORTUNITIES FUND (TIOHX)	\$1,542.20	72	25.67%	9.13%	N/A	N/A	-1.39%	-0.44%	0.60%	15.55%	7.43%	7.88%	N/A	6.89%	4/12/2013	
Gross Expense Ratio 72																
BM: MSCI AC World Index ex USA 16.53% 6.18%																
Fund vs. MSCI AC World Index ex USA 914 295																
PG: Foreign Large Growth M*star Category 20.06% 7.35%																
Fund vs. Foreign Large Growth M*star Category 561 178																
PG: Fund % Rank in Foreign Large Growth M*star Category 17% 20%																
PG: # of funds in Foreign Large Growth M*star Category 409 339																
Fund Star Rating N/A **** **																
TIAA-CREF INTERNATIONAL SMALL-CAP EQUITY FUND (TAISX)	\$956.60	83	21.52%	N/A	N/A	N/A	-3.72%	-5.66%	-6.94%	6.20%	N/A	N/A	N/A	14.92%	12/9/2016	
Gross Expense Ratio 83																
BM: MSCI ACWI ex-US Small Cap Index 20.60%																
Fund vs. MSCI ACWI ex-US Small Cap Index 92																
PG: Foreign Small/Mid Value M*star Category 20.74%																
Fund vs. Foreign Small/Mid Value M*star Category 78																
PG: Fund % Rank in Foreign Small/Mid Value M*star Category 44%																
PG: # of funds in Foreign Small/Mid Value M*star Category 113																
Fund Star Rating N/A N/A N/A																
TIAA-CREF SOCIAL CHOICE INTERNATIONAL EQUITY FUND (TSOHX)	\$52.50	49	14.47%	N/A	N/A	N/A	-1.28%	-2.34%	-3.13%	5.39%	N/A	N/A	N/A	4.66%	8/7/2015	
Gross Expense Ratio 129																
BM: Morgan Stanley EAFE Index 14.80%																
Fund vs. Morgan Stanley EAFE Index -33																
PG: Foreign Large Blend M*star Category 15.20%																
Fund vs. Foreign Large Blend M*star Category -73																
PG: Fund % Rank in Foreign Large Blend M*star Category 68%																
PG: # of funds in Foreign Large Blend M*star Category 768																
Fund Star Rating N/A N/A N/A																

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
ADVISOR SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.) 06/30/18	Exp. Ratio (bps) ^[2]	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Return				Avg. Annual Return									
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception		
			04/01/17 to 03/31/18	04/01/15 to 03/31/18	04/01/13 to 03/31/18	04/01/08 to 03/31/18	06/01/18 to 06/30/18	04/01/18 to 06/30/18	01/01/18 to 06/30/18	07/01/17 to 06/30/18	07/01/15 to 06/30/18	07/01/13 to 06/30/18	07/01/08 to 06/30/18	06/30/18 to 06/30/18	Inc. Date	
TIAA-CREF SOCIAL CHOICE BOND FUND (TSBHX)	\$2,315.60	52	2.09%	1.79%	2.94%	N/A	-0.06%	-0.19%	-1.28%	0.38%	2.32%	3.43%	N/A	2.76%	9/21/2012	
Gross Expense Ratio 53 12/4/2015																
BM: Bloomberg Barclays U.S. Aggregate Bond Index 1.20% 1.20% 1.82% -0.12% -0.16% -1.62% -0.40% 1.72% 2.27% 1.63%																
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index 89 59 112 6 -3 34 78 60 116 113																
PG: Intermediate-Term Bond M*star Category 1.31% 1.27% 1.73% N/A N/A N/A -0.36% 1.68% 2.20% N/A																
Fund vs. Intermediate-Term Bond M*star Category 78 52 121 N/A N/A N/A 74 64 123 N/A																
PG: Fund % Rank in Intermediate-Term Bond M*star Category 17% 21% 4% N/A N/A N/A 14% 16% 3% N/A																
PG: # of funds in Intermediate-Term Bond M*star Category 999 858 784 N/A N/A N/A 999 878 778 N/A																
Fund Star Rating N/A **** ***** N/A N/A N/A N/A **** ***** N/A																
TIAA-CREF TAX-EXEMPT BOND FUND (TIXHX)	\$262.70	44	2.49%	1.46%	1.63%	3.69%	0.02%	0.63%	-0.28%	1.17%	2.04%	2.43%	3.82%	3.79%	3/31/2006	
Gross Expense Ratio 46 12/4/2015																
BM: Bloomberg Barclays 10-Year Municipal Bond Index 2.31% 2.14% 2.72% 4.66% 0.07% 0.90% -0.72% 0.86% 2.84% 3.56% 4.74% 4.65%																
Fund vs. Bloomberg Barclays 10-Year Municipal Bond Index 18 -68 -109 -97 -5 -27 44 31 -80 -113 -92 -86																
PG: Muni National Interim M*star Category 2.12% 1.71% 2.06% 3.61% N/A N/A N/A 1.14% 2.30% 2.89% 3.67% N/A																
Fund vs. Muni National Interim M*star Category 37 -25 -43 8 N/A N/A N/A 3 -26 -46 15 N/A																
PG: Fund % Rank in Muni National Interim M*star Category 32% 63% 78% 44% N/A N/A N/A 44% 64% 75% 38% N/A																
PG: # of funds in Muni National Interim M*star Category 298 257 232 156 N/A N/A N/A 304 261 233 154 N/A																
Fund Star Rating N/A *** ** *** N/A N/A N/A N/A *** ** *** N/A																
Multi-Asset																
TIAA-CREF LIFECYCLE 2010 FUND (TCLHX)^[7]	\$1,244.90	46	8.25%	5.21%	6.04%	5.47%	-0.17%	0.43%	0.09%	5.98%	5.44%	6.38%	5.71%	5.67%	10/15/2004	
Gross Expense Ratio 58 12/4/2015																
BM: Lifecycle 2010 Fund Composite Index 6.78% 4.61% 5.74% 5.45% -0.08% 0.83% -0.06% 5.33% 5.11% 6.09% 5.66% 5.73%																
Fund vs. Lifecycle 2010 Fund Composite Index 147 60 30 2 -9 -40 15 65 33 29 5 -6																
BM: S&P Target Date 2010 Index 6.09% 4.13% 5.01% 4.83% -0.03% 0.82% -0.05% 4.82% 4.67% 5.38% 5.08% 5.24%																
Fund vs. S&P Target Date 2010 Index 216 108 103 64 -14 -39 14 116 77 100 63 43																
BM: Bloomberg Barclays U.S. Aggregate Bond Index 1.20% 1.20% 1.82% 3.63% -0.12% -0.16% -1.62% -0.40% 1.72% 2.27% 3.72% 3.83%																
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index 705 401 422 184 -5 59 171 638 372 411 199 184																
PG: Target-Date 2000-2010 M*star Category 5.94% 4.11% 5.06% 4.77% N/A N/A N/A 4.37% 4.38% 5.33% 4.88% N/A																
Fund vs. Target-Date 2000-2010 M*star Category 231 110 98 70 N/A N/A N/A 161 106 105 83 N/A																
PG: Fund % Rank in Target-Date 2000-2010 M*star Category 1% 2% 9% 18% N/A N/A N/A 4% 2% 6% 11% N/A																
PG: # of funds in Target-Date 2000-2010 M*star Category 129 110 87 75 N/A N/A N/A 135 111 87 76 N/A																
Fund Star Rating N/A ***** **** **** N/A N/A N/A N/A ***** ***** ***** N/A																
TIAA-CREF LIFECYCLE 2015 FUND (TCNHX)^[7]	\$1,926.40	47	9.04%	5.62%	6.59%	5.69%	-0.20%	0.50%	0.20%	6.63%	5.82%	6.90%	5.94%	5.91%	10/15/2004	
Gross Expense Ratio 59 12/4/2015																
BM: Lifecycle 2015 Fund Composite Index 7.49% 5.02% 6.31% 5.67% -0.09% 0.91% 0.01% 5.93% 5.53% 6.62% 5.90% 5.97%																
Fund vs. Lifecycle 2015 Fund Composite Index 155 60 28 2 -11 -41 19 70 29 28 4 -6																
BM: S&P Target Date 2015 Index 6.95% 4.76% 5.87% 5.35% -0.03% 0.97% 0.07% 5.55% 5.33% 6.20% 5.63% 5.77%																
Fund vs. S&P Target Date 2015 Index 209 86 72 34 -17 -47 13 108 49 70 31 14																
BM: Bloomberg Barclays U.S. Aggregate Bond Index 1.20% 1.20% 1.82% 3.63% -0.12% -0.16% -1.62% -0.40% 1.72% 2.27% 3.72% 3.83%																
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index 784 442 477 206 -8 66 182 703 410 463 222 208																
PG: Target-Date 2015 M*star Category 6.87% 4.43% 5.55% 5.06% N/A N/A N/A 5.14% 4.81% 5.84% 5.22% N/A																
Fund vs. Target-Date 2015 M*star Category 217 119 104 63 N/A N/A N/A 149 101 106 72 N/A																
PG: Fund % Rank in Target-Date 2015 M*star Category 4% 5% 13% 27% N/A N/A N/A 6% 5% 5% 22% N/A																
PG: # of funds in Target-Date 2015 M*star Category 133 105 74 49 N/A N/A N/A 138 109 75 49 N/A																
Fund Star Rating N/A ***** **** **** N/A N/A N/A N/A ***** ***** **** N/A																
TIAA-CREF LIFECYCLE 2020 FUND (TCWHX)^[8]	\$3,793.60	48	10.04%	6.16%	7.32%	5.97%	-0.19%	0.68%	0.39%	7.65%	6.37%	7.59%	6.25%	6.14%	10/15/2004	
Gross Expense Ratio 59 12/4/2015																
BM: Lifecycle 2020 Fund Composite Index 8.45% 5.58% 7.06% 5.98% -0.11% 1.02% 0.12% 6.75% 6.09% 7.31% 6.23% 6.20%																
Fund vs. Lifecycle 2020 Fund Composite Index 159 58 26 -1 -8 -34 27 90 28 28 2 -6																
BM: S&P Target Date 2020 Index 7.80% 5.33% 6.63% 5.77% -0.07% 1.09% 0.16% 6.27% 5.91% 6.93% 6.06% 6.18%																
Fund vs. S&P Target Date 2020 Index 224 83 69 20 -12 -41 23 138 46 66 19 -4																
BM: Russell 3000 Index 13.81% 10.22% 13.03% 9.62% 0.65% 3.89% 3.22% 14.78% 11.58% 13.29% 10.23% 9.26%																
Fund vs. Russell 3000 Index -377 -406 -571 -365 -84 -321 -283 -713 -521 -570 -398 -312																
PG: Target-Date 2020 M*star Category 7.60% 4.65% 5.74% 5.16% N/A N/A N/A 5.65% 5.07% 6.07% 5.33% N/A																
Fund vs. Target-Date 2020 M*star Category 244 151 158 81 N/A N/A N/A 200 130 152 92 N/A																
PG: Fund % Rank in Target-Date 2020 M*star Category 4% 5% 6% 22% N/A N/A N/A 3% 4% 4% 16% N/A																
PG: # of funds in Target-Date 2020 M*star Category 245 200 159 99 N/A N/A N/A 252 203 160 106 N/A																
Fund Star Rating N/A ***** **** **** N/A N/A N/A N/A ***** ***** **** N/A																
TIAA-CREF LIFECYCLE 2025 FUND (TCQHX)^[8]	\$4,376.50	49	11.41%	6.74%	8.09%	6.25%	-0.19%	0.85%	0.57%	8.78%	6.99%	8.30%	6.57%	6.38%	10/15/2004	
Gross Expense Ratio 60 12/4/2015																
BM: Lifecycle 2025 Fund Composite Index 9.58% 6.22% 7.86% 6.30% -0.12% 1.16% 0.27% 7.75% 6.75% 8.07% 6.58% 6.46%																
Fund vs. Lifecycle 2025 Fund Composite Index 183 52 23 -5 -7 -31 30 103 24 23 -1 -8																
BM: S&P Target Date 2025 Index 9.03% 6.01% 7.34% 6.12% -0.11% 1.24% 0.29% 7.38% 6.59% 7.60% 6.43% 6.56%																
Fund vs. S&P Target Date 2025 Index 238 73 75 13 -8 -39 28 140 40 70 14 -18																
BM: Russell 3000 Index 13.81% 10.22% 13.03% 9.62% 0.65% 3.89% 3.22% 14.78% 11.58% 13.29% 10.23% 9.26%																
Fund vs. Russell 3000 Index -240 -348 -494 -337 -84 -304 -265 -600 -459 -499 -366 -288																
PG: Target-Date 2025 M*star Category 9.10% 5.42% 6.69% 5.74% N/A N/A N/A 6.79% 5.83% 6.94% 5.91% N/A																
Fund vs. Target-Date 2025 M*star Category 231 132 140 51 N/A N/A N/A 199 116 136 66 N/A																
PG: Fund % Rank in Target-Date 2025 M*star Category 3% 2% 7% 27% N/A N/A N/A 1% 3% 6% 26% N/A																
PG: # of funds in Target-Date 2025 M*star Category 215 173 136 72 N/A N/A N/A 222 178 138 72 N/A																
Fund Star Rating N/A ***** ***** **** N/A N/A N/A N/A ***** ***** **** N/A																

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
ADVISOR SHARE CLASS

FOR PERIOD ENDING June 30, 2018
 PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$ Mill.)	Exp. Ratio (bps) [2]	Previous Quarter-End Returns				Current Month-End Returns								
			Avg. Annual Return				Avg. Annual Return								
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	
04/01/17 to 03/31/18	04/01/15 to 03/31/18	04/01/13 to 03/31/18	04/01/08 to 03/31/18	06/01/18 to 06/30/18	04/01/18 to 06/30/18	01/01/18 to 06/30/18	07/01/17 to 06/30/18	07/01/15 to 06/30/18	07/01/13 to 06/30/18	07/01/08 to 06/30/18	06/30/18 to 06/30/18	10/15/2004 to 06/30/18			
TIAA-CREF LIFECYCLE 2030 FUND (TCHHX)^[9]	\$4,318.30	50	12.79%	7.38%	8.84%	6.48%	-0.28%	0.94%	0.75%	9.90%	7.58%	9.00%	6.83%	6.56%	10/15/2004
Gross Expense Ratio		61													12/4/2015
BM: Lifecycle 2030 Fund Composite Index			10.72%	6.87%	8.64%	6.59%	-0.13%	1.31%	0.41%	8.75%	7.41%	8.81%	6.90%	6.71%	
Fund vs. Lifecycle 2030 Fund Composite Index			207	51	20	-11	-15	-37	34	115	17	19	-7	-15	
BM: S&P Target Date 2030 Index			10.19%	6.62%	8.02%	6.39%	-0.15%	1.40%	0.44%	8.47%	7.23%	8.26%	6.73%	6.85%	
Fund vs. S&P Target Date 2030 Index			260	76	82	9	-13	-46	31	143	35	74	10	-29	
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	9.26%	
Fund vs. Russell 3000 Index			-102	-284	-419	-314	-93	-295	-247	-488	-400	-429	-340	-270	
PG: Target-Date 2030 M*star Category			N/A	N/A	N/A	N/A	N/A	N/A	N/A	7.88%	6.48%	7.64%	6.06%	N/A	
Fund vs. Target-Date 2030 M*star Category			242	131	148	62	N/A	N/A	N/A	202	110	136	77	N/A	
PG: Fund % Rank in Target-Date 2030 M*star Category			3%	8%	7%	22%	N/A	N/A	N/A	2%	8%	10%	21%	N/A	
PG: # of funds in Target-Date 2030 M*star Category			235	190	149	89	N/A	N/A	N/A	241	193	150	96	N/A	
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A	
TIAA-CREF LIFECYCLE 2035 FUND (TCYHX)^[9]	\$4,388.90	51	14.03%	7.95%	9.53%	6.81%	-0.36%	1.02%	0.92%	11.02%	8.13%	9.64%	7.16%	6.90%	10/15/2004
Gross Expense Ratio		62													12/4/2015
BM: Lifecycle 2035 Fund Composite Index			11.83%	7.48%	9.37%	6.99%	-0.14%	1.46%	0.58%	9.78%	8.02%	9.51%	7.32%	7.09%	
Fund vs. Lifecycle 2035 Fund Composite Index			220	47	16	-18	-22	-44	34	124	11	13	-16	-19	
BM: S&P Target Date 2035 Index			11.31%	7.21%	8.64%	6.64%	-0.19%	1.52%	0.56%	9.47%	7.83%	8.88%	7.00%	7.08%	
Fund vs. S&P Target Date 2035 Index			272	74	89	17	-17	-50	36	155	30	76	16	-18	
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	9.26%	
Fund vs. Russell 3000 Index			22	-227	-350	-281	-101	-287	-230	-376	-345	-365	-307	-236	
PG: Target-Date 2035 M*star Category			11.73%	6.73%	8.16%	6.35%	N/A	N/A	N/A	8.94%	7.13%	8.36%	6.55%	N/A	
Fund vs. Target-Date 2035 M*star Category			230	122	137	46	N/A	N/A	N/A	208	100	128	61	N/A	
PG: Fund % Rank in Target-Date 2035 M*star Category			4%	10%	10%	25%	N/A	N/A	N/A	5%	11%	9%	27%	N/A	
PG: # of funds in Target-Date 2035 M*star Category			210	168	131	67	N/A	N/A	N/A	217	173	133	67	N/A	
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A	
TIAA-CREF LIFECYCLE 2040 FUND (TCZHX)^[9]	\$5,342.80	52	15.28%	8.51%	10.08%	7.14%	-0.36%	1.28%	1.28%	12.33%	8.70%	10.21%	7.52%	7.30%	10/15/2004
Gross Expense Ratio		63													12/4/2015
BM: Lifecycle 2040 Fund Composite Index			12.94%	8.09%	9.97%	7.33%	-0.14%	1.63%	0.79%	10.85%	8.64%	10.11%	7.68%	7.48%	
Fund vs. Lifecycle 2040 Fund Composite Index			234	42	11	-19	-22	-35	49	148	6	10	-16	-18	
BM: S&P Target Date 2040 Index			12.07%	7.61%	9.07%	6.83%	-0.22%	1.64%	0.68%	10.20%	8.26%	9.30%	7.20%	7.28%	
Fund vs. S&P Target Date 2040 Index			321	90	101	31	-14	-36	60	213	44	91	32	2	
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	9.26%	
Fund vs. Russell 3000 Index			147	-171	-295	-248	-101	-281	-194	-245	-288	-308	-271	-196	
PG: Target-Date 2040 M*star Category			12.42%	7.04%	8.48%	6.33%	N/A	N/A	N/A	9.56%	7.46%	8.73%	6.57%	N/A	
Fund vs. Target-Date 2040 M*star Category			286	147	160	81	N/A	N/A	N/A	277	124	148	95	N/A	
PG: Fund % Rank in Target-Date 2040 M*star Category			1%	5%	7%	24%	N/A	N/A	N/A	2%	5%	5%	22%	N/A	
PG: # of funds in Target-Date 2040 M*star Category			235	190	149	89	N/A	N/A	N/A	241	193	150	96	N/A	
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A	
TIAA-CREF LIFECYCLE 2045 FUND (TFHX)^[9]	\$2,823.60	53	15.95%	8.86%	10.28%	7.09%	-0.39%	1.34%	1.34%	12.92%	9.09%	10.41%	7.44%	5.73%	11/30/2007
Gross Expense Ratio		65													12/4/2015
BM: Lifecycle 2045 Fund Composite Index			13.51%	8.45%	10.19%	7.44%	-0.14%	1.73%	0.91%	11.42%	9.04%	10.36%	7.80%	6.23%	
Fund vs. Lifecycle 2045 Fund Composite Index			244	41	9	-35	-25	-39	43	150	5	5	-36	-50	
BM: S&P Target Date 2045 Index			12.50%	7.88%	9.38%	6.89%	-0.24%	1.66%	0.70%	10.55%	8.52%	9.59%	7.27%	5.67%	
Fund vs. S&P Target Date 2045 Index			345	98	90	20	-15	-32	64	237	57	82	17	6	
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	8.37%	
Fund vs. Russell 3000 Index			214	-136	-275	-253	-104	-255	-188	-186	-249	-288	-279	-264	
PG: Target-Date 2045 M*star Category			13.18%	7.38%	8.89%	6.57%	N/A	N/A	N/A	10.12%	7.79%	9.06%	6.78%	N/A	
Fund vs. Target-Date 2045 M*star Category			277	148	139	52	N/A	N/A	N/A	280	130	135	66	N/A	
PG: Fund % Rank in Target-Date 2045 M*star Category			1%	2%	4%	19%	N/A	N/A	N/A	2%	3%	4%	23%	N/A	
PG: # of funds in Target-Date 2045 M*star Category			210	168	131	66	N/A	N/A	N/A	217	173	133	66	N/A	
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A	
TIAA-CREF LIFECYCLE 2050 FUND (TFTHX)^[9]	\$1,841.40	53	16.17%	8.99%	10.37%	7.10%	-0.39%	1.42%	1.42%	13.13%	9.24%	10.52%	7.38%	5.75%	11/30/2007
Gross Expense Ratio		65													12/4/2015
BM: Lifecycle 2050 Fund Composite Index			13.69%	8.60%	10.28%	7.48%	-0.14%	1.76%	0.94%	11.59%	9.20%	10.45%	7.85%	6.27%	
Fund vs. Lifecycle 2050 Fund Composite Index			248	39	9	-38	-25	-34	48	154	4	7	-47	-52	
BM: S&P Target Date 2050 Index			12.83%	8.11%	9.68%	7.05%	-0.25%	1.72%	0.77%	10.85%	8.75%	9.89%	7.44%	5.82%	
Fund vs. S&P Target Date 2050 Index			334	88	69	5	-14	-30	65	228	49	63	-6	-7	
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	8.37%	
Fund vs. Russell 3000 Index			236	-123	-266	-252	-104	-247	-180	-165	-234	-277	-285	-262	
PG: Target-Date 2050 M*star Category			13.25%	7.41%	8.91%	6.57%	N/A	N/A	N/A	10.22%	7.83%	9.15%	6.82%	N/A	
Fund vs. Target-Date 2050 M*star Category			292	158	146	53	N/A	N/A	N/A	291	141	137	56	N/A	
PG: Fund % Rank in Target-Date 2050 M*star Category			1%	3%	4%	25%	N/A	N/A	N/A	2%	2%	3%	26%	N/A	
PG: # of funds in Target-Date 2050 M*star Category			231	185	144	61	N/A	N/A	N/A	237	188	145	70	N/A	
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A	
TIAA-CREF LIFECYCLE 2055 FUND (TTRHX)^[9]	\$569.80	53	16.37%	9.13%	10.45%	N/A	-0.41%	1.39%	1.46%	13.22%	9.37%	10.59%	N/A	9.02%	4/29/2011
Gross Expense Ratio		69													12/4/2015
BM: Lifecycle 2055 Fund Composite Index			13.86%	8.74%	10.37%	N/A	-0.14%	1.78%	0.97%	11.76%	9.35%	10.54%	N/A	9.27%	
Fund vs. Lifecycle 2055 Fund Composite Index			251	39	8		-27	-39	49	146	2	5		-25	
BM: S&P Target Date 2055 Index			13.00%	8.24%	9.87%	N/A	-0.26%	1.70%	0.78%	10.96%	8.86%	10.06%	N/A	8.68%	
Fund vs. S&P Target Date 2055 Index			337	89	58		-15	-31	68	226	51	53		34	
BM: Russell 3000 Index			13.81%	10.22%	13.03%	N/A	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	N/A	12.22%	
Fund vs. Russell 3000 Index			256	-109	-258		-106	-250	-176	-156	-221	-270		-320	
PG: Target-Date 2055 M*star Category			13.61%	7.61%	9.23%	N/A	N/A	N/A	N/A	10.47%	7.97%	9.38%	N/A	N/A	
Fund vs. Target-Date 2055 M*star Category			276	152	122		N/A	N/A	N/A	275	140	121		N/A	
PG: Fund % Rank in Target-Date 2055 M*star Category			1%	2%	4%		N/A	N/A	N/A	2%	3%	4%		N/A	
PG: # of funds in Target-Date 2055 M*star Category			208	159	105		N/A	N/A	N/A	215	171	106		N/A	
Fund Star Rating			N/A	****	****</										

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
ADVISOR SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) [2]	Previous Quarter-End Returns				Current Month-End Returns													
			Avg. Annual Return:				Avg. Annual Return:													
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception						
TIAA-CREF LIFECYCLE 2060 FUND (TLXHX)^[8]	\$99.10	53	16.47%	9.24%	N/A	N/A	06/01/17	04/01/15	04/01/13	04/01/08	06/01/18	04/01/18	01/01/18	07/01/17	07/01/15	07/01/13	07/01/08	06/30/18	06/30/18	09/26/2014
Gross Expense Ratio		128																		12/4/2015
BM: Lifecycle 2060 Fund Composite Index			14.04%	8.89%			-0.14%	1.81%	1.00%		11.93%	9.51%								8.69%
Fund vs. Lifecycle 2060 Fund Composite Index			243	35			-28	-37	44	144	-3									39
BM: S&P Target Date 2060+ Index			13.15%	8.32%			-0.24%	1.77%	0.85%		11.17%	8.98%								8.28%
Fund vs. S&P Target Date 2060+ Index			332	92			-18	-33	59	220	50									80
BM: Russell 3000 Index			13.81%	10.22%			0.65%	3.89%	3.22%		14.78%	11.58%								11.01%
Fund vs. Russell 3000 Index			266	-98			-107	-245	-178	-141	-210									-193
PG: Target-Date 2060+ M*star Category			13.72%	8.03%			N/A	N/A	N/A		10.64%	8.29%								N/A
Fund vs. Target-Date 2060+ M*star Category			275	121			N/A	N/A	N/A		273	119								N/A
PG: Fund % Rank in Target-Date 2060+ M*star Category			2%	6%			N/A	N/A	N/A		2%	5%								N/A
PG: # of funds in Target-Date 2060+ M*star Category			162	56			N/A	N/A	N/A		177	65								N/A
Fund Star Rating			N/A	****			N/A	N/A	N/A		N/A	****								N/A
TIAA-CREF LIFECYCLE INDEX 2010 FUND (TLTHX)^[7]	\$404.60	18	6.70%	4.43%	5.56%	N/A	0.00%	0.67%	-0.13%	4.99%	4.96%	5.92%	N/A	6.71%	9/30/2009					
Gross Expense Ratio		34																		12/4/2015
BM: Lifecycle Index 2010 Composite Benchmark			6.82%	4.59%	5.82%		-0.08%	0.77%	-0.08%		5.26%	5.11%		6.18%						7.06%
Fund vs. Lifecycle Index 2010 Composite Benchmark			-12	-16	-26		8	-10	-5	-27	-15	-26		-35						-35
BM: S&P Target Date 2010 Index			6.09%	4.13%	5.01%		-0.03%	0.82%	-0.05%		4.82%	4.67%		5.38%						6.20%
Fund vs. S&P Target Date 2010 Index			61	30	55		3	-15	-8	17	29	54		51						51
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%		-0.12%	-0.16%	-1.62%		-0.40%	1.72%		2.27%						3.13%
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			550	323	374		12	83	149	539	324	365		358						358
PG: Target-Date 2000-2010 M*star Category			5.94%	4.11%	5.06%		N/A	N/A	N/A		4.37%	4.38%		5.33%						N/A
Fund vs. Target-Date 2000-2010 M*star Category			76	32	50		N/A	N/A	N/A		62	58		59						N/A
PG: Fund % Rank in Target-Date 2000-2010 M*star Category			20%	28%	28%		N/A	N/A	N/A		23%	15%		20%						N/A
PG: # of funds in Target-Date 2000-2010 M*star Category			129	110	87		N/A	N/A	N/A		125	111		87						N/A
Fund Star Rating			N/A	****	****		N/A	N/A	N/A		N/A	****		****						N/A
TIAA-CREF LIFECYCLE INDEX 2015 FUND (TLFAX)^[7]	\$771.70	18	7.45%	4.89%	6.13%	N/A	0.00%	0.77%	0.00%	5.71%	5.42%	6.46%	N/A	7.22%	9/30/2009					
Gross Expense Ratio		32																		12/4/2015
BM: Lifecycle Index 2015 Composite Benchmark			7.54%	5.02%	6.38%		-0.10%	0.84%	-0.01%		5.85%	5.53%		6.69%						7.56%
Fund vs. Lifecycle Index 2015 Composite Benchmark			-9	-13	-25		10	-7	1	-14	-11	-23		-34						-34
BM: S&P Target Date 2015 Index			6.95%	4.76%	5.87%		-0.03%	0.97%	0.07%		5.55%	5.33%		6.20%						7.04%
Fund vs. S&P Target Date 2015 Index			50	13	26		3	-20	-7	16	9	26		18						18
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%		-0.12%	-0.16%	-1.62%		-0.40%	1.72%		2.27%						3.13%
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			625	369	431		12	93	162	611	370	419		409						409
PG: Target-Date 2015 M*star Category			6.87%	4.43%	5.55%		N/A	N/A	N/A		5.14%	4.81%		5.84%						N/A
Fund vs. Target-Date 2015 M*star Category			58	46	58		N/A	N/A	N/A		57	61		62						N/A
PG: Fund % Rank in Target-Date 2015 M*star Category			28%	25%	29%		N/A	N/A	N/A		23%	18%		23%						N/A
PG: # of funds in Target-Date 2015 M*star Category			133	105	74		N/A	N/A	N/A		138	109		75						N/A
Fund Star Rating			N/A	****	****		N/A	N/A	N/A		N/A	****		****						N/A
TIAA-CREF LIFECYCLE INDEX 2020 FUND (TLWHX)^[8]	\$1,787.80	18	8.35%	5.41%	6.84%	N/A	-0.06%	0.85%	0.06%	6.39%	5.90%	7.10%	N/A	7.83%	9/30/2009					
Gross Expense Ratio		30																		12/4/2015
BM: Lifecycle Index 2020 Composite Benchmark			8.49%	5.58%	7.11%		-0.11%	0.94%	0.10%		6.66%	6.08%		7.36%						8.18%
Fund vs. Lifecycle Index 2020 Composite Benchmark			-14	-17	-27		5	-9	-4	-27	-18	-26		-35						-35
BM: S&P Target Date 2020 Index			7.80%	5.33%	6.63%		-0.07%	1.09%	0.16%		6.27%	5.91%		6.93%						7.77%
Fund vs. S&P Target Date 2020 Index			55	8	21		1	-24	-10	12	-1	17		6						6
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%		14.78%	11.58%		13.29%						13.81%
Fund vs. Russell 3000 Index			-546	-481	-619		-71	-304	-316	-839	-568	-619		-598						-598
PG: Target-Date 2020 M*star Category			7.60%	4.65%	5.74%		N/A	N/A	N/A		5.65%	5.07%		6.07%						N/A
Fund vs. Target-Date 2020 M*star Category			75	76	110		N/A	N/A	N/A		74	83		103						N/A
PG: Fund % Rank in Target-Date 2020 M*star Category			31%	19%	18%		N/A	N/A	N/A		25%	18%		15%						N/A
PG: # of funds in Target-Date 2020 M*star Category			245	200	159		N/A	N/A	N/A		252	203		160						N/A
Fund Star Rating			N/A	****	****		N/A	N/A	N/A		N/A	****		****						N/A
TIAA-CREF LIFECYCLE INDEX 2025 FUND (TLQHXX)^[8]	\$2,161.30	18	9.56%	6.08%	7.64%	N/A	-0.06%	0.92%	0.23%	7.37%	6.55%	7.83%	N/A	8.49%	9/30/2009					
Gross Expense Ratio		30																		12/4/2015
BM: Lifecycle Index 2025 Composite Benchmark			9.63%	6.23%	7.90%		-0.12%	1.07%	0.24%		7.64%	6.73%		8.10%						8.83%
Fund vs. Lifecycle Index 2025 Composite Benchmark			-7	-15	-26		6	-15	-1	-27	-18	-27		-34						-34
BM: S&P Target Date 2025 Index			9.03%	6.01%	7.34%		-0.11%	1.24%	0.29%		7.38%	6.59%		7.60%						8.42%
Fund vs. S&P Target Date 2025 Index			53	7	30		5	-32	-6	-1	-4	23		7						7
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%		14.78%	11.58%		13.29%						13.81%
Fund vs. Russell 3000 Index			-425	-414	-539		-71	-297	-299	-741	-503	-546		-532						-532
PG: Target-Date 2025 M*star Category			9.10%	5.42%	6.69%		N/A	N/A	N/A		6.79%	5.83%		6.94%						N/A
Fund vs. Target-Date 2025 M*star Category			46	66	95		N/A	N/A	N/A		58	72		89						N/A
PG: Fund % Rank in Target-Date 2025 M*star Category			41%	18%	16%		N/A	N/A	N/A		37%	19%		15%						N/A
PG: # of funds in Target-Date 2025 M*star Category			215	173	136		N/A	N/A	N/A		222	178		138						N/A
Fund Star Rating			N/A	****	****		N/A	N/A	N/A		N/A	****		****						N/A
TIAA-CREF LIFECYCLE INDEX 2030 FUND (TLHHX)^[8]	\$2,252.40	18	10.65%	6.75%	8.41%	N/A	-0.11%	1.04%	0.38%	8.32%	7.18%	8.54%	N/A	9.14%	9/30/2009					
Gross Expense Ratio		29																		12/4/2015
BM: Lifecycle Index 2030 Composite Benchmark			10.78%	6.88%	8.68%		-0.14%	1.20%	0.38%		8.63%	7.38%		8.83%						9.48%
Fund vs. Lifecycle Index 2030 Composite Benchmark			-13	-13	-27		3	-16	0	-31	-20	-29		-34						-34
BM: S&P Target Date 2030 Index			10.19%	6.62%	8.02%		-0.15%	1.40%	0.44%		8.47%	7.23%		8.26%						8.99%
Fund vs. S&P Target Date 2030 Index			46	13	39		4	-36	-6	-15	-5	28		15						15
BM: Russell 30																				

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
ADVISOR SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) [2]	Previous Quarter-End Returns				Current Month-End Returns									Since Inception	Inc. Date
			Avg. Annual Return:				Avg. Annual Return:										
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year				
04/01/17	04/01/15	04/01/13	04/01/08	06/01/18	04/01/18	01/01/18	07/01/17	07/01/15	07/01/13	07/01/08	06/30/18	06/30/18	06/30/18	06/30/18	06/30/18		
TIAA-CREF LIFECYCLE INDEX 2035 FUND (TLYHX) [8]	\$2,092.20	18	11.92%	7.41%	9.19%	N/A	-0.16%	1.15%	0.57%	9.44%	7.84%	9.27%	N/A	9.78%	9/30/2009		
Gross Expense Ratio		29													12/4/2015		
BM: Lifecycle Index 2035 Composite Benchmark			11.90%	7.50%	9.41%		-0.14%	1.35%	0.55%	9.65%	7.99%	9.53%		10.11%			
Fund vs. Lifecycle Index 2035 Composite Benchmark			2	-9	-22		-2	-20	2	-21	-15	-26		-33			
BM: S&P Target Date 2035 Index			11.31%	7.21%	8.64%		-0.19%	1.52%	0.56%	9.47%	7.83%	8.88%		9.50%			
Fund vs. S&P Target Date 2035 Index			61	20	55		3	-37	1	-3	1	39		28			
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		13.81%			
Fund vs. Russell 3000 Index			-189	-281	-384		-81	-274	-265	-534	-374	-402		-403			
PG: Target-Date 2035 M*star Category			11.73%	6.73%	8.16%		N/A	N/A	N/A	8.94%	7.13%	8.36%		N/A			
Fund vs. Target-Date 2035 M*star Category			19	68	103		N/A	N/A	N/A	50	71	91		N/A			
PG: Fund % Rank in Target-Date 2035 M*star Category			49%	21%	16%		N/A	N/A	N/A	30%	19%	14%		N/A			
PG: # of funds in Target-Date 2035 M*star Category			210	168	131		N/A	N/A	N/A	217	173	133		N/A			
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A			
TIAA-CREF LIFECYCLE INDEX 2040 FUND (TLZHX) [8]	\$2,246.60	18	12.94%	8.01%	9.79%	N/A	-0.15%	1.32%	0.76%	10.39%	8.46%	9.87%	N/A	10.21%	9/30/2009		
Gross Expense Ratio		28													12/4/2015		
BM: Lifecycle Index 2040 Composite Benchmark			13.02%	8.11%	10.01%		-0.15%	1.50%	0.75%	10.69%	8.61%	10.13%		10.54%			
Fund vs. Lifecycle Index 2040 Composite Benchmark			-8	-10	-22		0	-18	1	-30	-15	-26		-33			
BM: S&P Target Date 2040 Index			12.07%	7.61%	9.07%		-0.22%	1.64%	0.68%	10.20%	8.26%	9.30%		9.86%			
Fund vs. S&P Target Date 2040 Index			87	40	72		7	-32	8	19	20	57		35			
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		13.81%			
Fund vs. Russell 3000 Index			-87	-221	-324		-80	-257	-246	-439	-312	-342		-360			
PG: Target-Date 2040 M*star Category			12.42%	7.04%	8.48%		N/A	N/A	N/A	9.56%	7.46%	8.73%		N/A			
Fund vs. Target-Date 2040 M*star Category			52	97	131		N/A	N/A	N/A	83	100	114		N/A			
PG: Fund % Rank in Target-Date 2040 M*star Category			36%	17%	10%		N/A	N/A	N/A	24%	14%	9%		N/A			
PG: # of funds in Target-Date 2040 M*star Category			235	190	149		N/A	N/A	N/A	241	193	150		N/A			
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A			
TIAA-CREF LIFECYCLE INDEX 2045 FUND (TLMHX) [8]	\$1,421.20	18	13.53%	8.36%	9.99%	N/A	-0.20%	1.37%	0.80%	10.90%	8.83%	10.10%	N/A	10.33%	9/30/2009		
Gross Expense Ratio		29													12/4/2015		
BM: Lifecycle Index 2045 Composite Benchmark			13.59%	8.47%	10.23%		-0.15%	1.60%	0.87%	11.26%	9.00%	10.37%		10.68%			
Fund vs. Lifecycle Index 2045 Composite Benchmark			-6	-11	-24		-5	-23	-7	-36	-17	-27		-35			
BM: S&P Target Date 2045 Index			12.50%	7.88%	9.38%		-0.24%	1.66%	0.70%	10.55%	8.52%	9.59%		10.10%			
Fund vs. S&P Target Date 2045 Index			103	48	61		4	-29	10	35	31	51		23			
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		13.81%			
Fund vs. Russell 3000 Index			-28	-186	-304		-85	-252	-242	-388	-275	-319		-348			
PG: Target-Date 2045 M*star Category			13.18%	7.38%	8.89%		N/A	N/A	N/A	10.12%	7.79%	9.06%		N/A			
Fund vs. Target-Date 2045 M*star Category			35	98	110		N/A	N/A	N/A	78	104	104		N/A			
PG: Fund % Rank in Target-Date 2045 M*star Category			41%	10%	9%		N/A	N/A	N/A	23%	6%	9%		N/A			
PG: # of funds in Target-Date 2045 M*star Category			210	168	131		N/A	N/A	N/A	217	173	133		N/A			
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A			
TIAA-CREF LIFECYCLE INDEX 2050 FUND (TLLHX) [8]	\$1,024.40	18	13.77%	8.51%	10.08%	N/A	-0.15%	1.41%	0.90%	11.13%	8.97%	10.19%	N/A	10.39%	9/30/2009		
Gross Expense Ratio		30													12/4/2015		
BM: Lifecycle Index 2050 Composite Benchmark			13.77%	8.62%	10.32%		-0.15%	1.62%	0.90%	11.43%	9.16%	10.46%		10.73%			
Fund vs. Lifecycle Index 2050 Composite Benchmark			0	-11	-24		0	-21	0	-30	-19	-27		-34			
BM: S&P Target Date 2050 Index			12.83%	8.11%	9.68%		-0.25%	1.72%	0.77%	10.85%	8.75%	9.89%		10.29%			
Fund vs. S&P Target Date 2050 Index			94	40	40		10	-31	13	28	22	30		10			
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		13.81%			
Fund vs. Russell 3000 Index			-4	-171	-295		-80	-248	-232	-365	-261	-310		-342			
PG: Target-Date 2050 M*star Category			13.25%	7.41%	8.91%		N/A	N/A	N/A	10.22%	7.83%	9.15%		N/A			
Fund vs. Target-Date 2050 M*star Category			52	110	117		N/A	N/A	N/A	91	114	104		N/A			
PG: Fund % Rank in Target-Date 2050 M*star Category			34%	10%	11%		N/A	N/A	N/A	21%	5%	10%		N/A			
PG: # of funds in Target-Date 2050 M*star Category			231	185	144		N/A	N/A	N/A	237	188	145		N/A			
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A			
TIAA-CREF LIFECYCLE INDEX 2055 FUND (TTIHX) [8]	\$376.50	18	13.96%	8.66%	10.17%	N/A	-0.12%	1.51%	1.00%	11.37%	9.18%	10.30%	N/A	8.98%	4/29/2011		
Gross Expense Ratio		39													12/4/2015		
BM: Lifecycle Index 2055 Composite Benchmark			13.94%	8.76%	10.41%		-0.15%	1.65%	0.93%	11.59%	9.31%	10.56%		9.28%			
Fund vs. Lifecycle Index 2055 Composite Benchmark			2	-10	-24		3	-14	7	-22	-13	-26		-30			
BM: S&P Target Date 2055 Index			13.00%	8.24%	9.87%		-0.26%	1.70%	0.78%	10.96%	8.86%	10.06%		8.68%			
Fund vs. S&P Target Date 2055 Index			96	42	30		14	-19	22	41	32	24		30			
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		12.22%			
Fund vs. Russell 3000 Index			15	-156	-286		-77	-238	-222	-341	-240	-299		-324			
PG: Target-Date 2055 M*star Category			13.61%	7.61%	9.23%		N/A	N/A	N/A	10.47%	7.97%	9.38%		N/A			
Fund vs. Target-Date 2055 M*star Category			35	105	94		N/A	N/A	N/A	90	121	92		N/A			
PG: Fund % Rank in Target-Date 2055 M*star Category			36%	5%	14%		N/A	N/A	N/A	19%	4%	8%		N/A			
PG: # of funds in Target-Date 2055 M*star Category			208	159	105		N/A	N/A	N/A	215	171	106		N/A			
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A			
TIAA-CREF LIFECYCLE INDEX 2060 FUND (TVIHX) [8]	\$84.20	18	14.16%	8.80%	N/A	N/A	-0.24%	1.47%	0.98%	11.46%	9.29%	N/A	N/A	8.50%	9/26/2014		
Gross Expense Ratio		108													12/4/2015		
BM: Lifecycle Index 2060 Composite Benchmark			14.12%	8.90%			-0.15%	1.67%	0.96%	11.76%	9.46%			8.73%			
Fund vs. Lifecycle Index 2060 Composite Benchmark			4	-10			-9	-20	2	-30	-17			-23			
BM: S&P Target Date 2060+ Index			13.15%	8.32%			-0.24%	1.77%	0.85%	11.17%	8.98%			8.28%			
Fund vs. S&P Target Date 2060+ Index			101	48			0	-30	13	29	31			22			
BM: Russell 3000 Index			13.81%	10.22%			0.65%	3.89%	3.22%	14.78%	11.58%			11.01%			
Fund vs. Russell 3000 Index			35	-142			-89	-242	-224	-332	-229			-251			
PG: Target-Date 2060+ M*star Category			13.72%	8.03%			N/A	N/A	N/A	10.64%	8.29%			N/A			
Fund vs. Target-Date 2060+ M*star Category			44	77			N/A	N/A	N/A	82	100			N/A			
PG: Fund % Rank in Target-Date 2060+ M*star Category			30%	12%			N/A	N/A	N/A	18%	10%			N/A			
PG: # of funds in Target-Date 2060+ M*star Category			162	56			N/A	N/A	N/A	177	65			N/A			
Fund Star Rating			N/A	****			N/A	N/A	N/A	N/A	****			N/A			

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
ADVISOR SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) ^[2]	Previous Quarter-End Returns				Current Month-End Returns										
			Avg. Annual Return				1 Year					3 Year					Since Inception
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception			
TIAA-CREF LIFECYCLE INDEX RETIREMENT INCOME FUND (TLHX)^[7]	\$297.30	18	6.41%	4.20%	5.06%	N/A	0.02%	0.65%	0.02%	4.90%	4.73%	5.52%	N/A	6.23%	9/30/2009		
Gross Expense Ratio		44													12/4/2015		
BM: Lifecycle Index Retirement Income Composite Benchmark			6.40%	4.33%	5.31%		-0.08%	0.74%	-0.12%	4.93%	4.87%	5.75%		6.57%			
Fund vs.Lifecycle Index Retirement Income Composite Benchmark			1	-13	-25		10	-9	14	-3	-14	-23		-34			
BM: S&P Target Date Retirement Income Index			5.35%	3.54%	4.13%		-0.03%	0.70%	-0.11%	4.23%	4.08%	4.56%		5.33%			
Fund vs.S&P Target Date Retirement Income Index			106	66	93		5	-5	13	67	65	96		90			
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%		-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%		3.13%			
Fund vs.Bloomberg Barclays U.S. Aggregate Bond Index			521	300	324		14	81	164	530	301	325		310			
PG: Target-Date Retirement M*star Category			4.95%	3.22%	3.83%		N/A	N/A	N/A	3.50%	3.66%	4.26%		N/A			
Fund vs. Target-Date Retirement M*star Category			146	98	123		N/A	N/A	N/A	140	107	126		N/A			
PG: Fund % Rank in Target-Date Retirement M*star Category			17%	9%	9%		N/A	N/A	N/A	12%	10%	6%		N/A			
PG: # of funds in Target-Date Retirement M*star Category			183	160	131		N/A	N/A	N/A	188	163	133		N/A			
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A			
TIAA-CREF LIFECYCLE RETIREMENT INCOME FUND (TLRH)^[7]	\$541.40	46	7.64%	4.92%	5.55%	5.37%	-0.13%	0.47%	0.02%	5.68%	5.22%	5.93%	5.58%	4.77%	11/30/2007		
Gross Expense Ratio		62													12/4/2015		
BM: Lifecycle Retirement Income Fund Composite Index			6.36%	4.35%	5.22%	5.38%	-0.08%	0.80%	-0.10%	5.00%	4.86%	5.64%	5.58%	4.89%			
Fund vs.Lifecycle Retirement Income Fund Composite Index			128	57	33	-1	-5	-33	12	68	36	29	0	-12			
BM: S&P Target Date Retirement Income Index			5.35%	3.54%	4.13%	4.27%	-0.03%	0.70%	-0.11%	4.23%	4.08%	4.56%	4.50%	3.82%			
Fund vs.S&P Target Date Retirement Income Index			229	138	142	110	-10	-23	13	145	114	137	108	95			
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%	3.63%	-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%	3.72%	3.65%			
Fund vs.Bloomberg Barclays U.S. Aggregate Bond Index			644	372	373	174	-1	63	164	608	350	366	186	112			
PG: Target-Date Retirement M*star Category			4.95%	3.22%	3.83%	4.31%	N/A	N/A	N/A	3.50%	3.66%	4.26%	4.45%	N/A			
Fund vs. Target-Date Retirement M*star Category			269	170	172	106	N/A	N/A	N/A	218	156	167	113	N/A			
PG: Fund % Rank in Target-Date Retirement M*star Category			2%	2%	1%	2%	N/A	N/A	N/A	2%	4%	1%	2%	N/A			
PG: # of funds in Target-Date Retirement M*star Category			183	160	131	90	N/A	N/A	N/A	188	163	133	92	N/A			
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A			
TIAA-CREF LIFESTYLE AGGRESSIVE GROWTH FUND (TSAHX)^[10]	\$115.20	64	17.17%	9.30%	11.21%	N/A	-0.41%	1.57%	1.69%	13.97%	9.50%	11.22%	N/A	12.81%	12/9/2011		
Gross Expense Ratio		94													12/4/2015		
BM: Lifestyle Aggressive Composite Benchmark			14.81%	9.11%	10.94%		-0.14%	1.93%	1.15%	12.67%	9.71%	11.15%		12.51%			
Fund vs.Lifestyle Aggressive Composite Benchmark			236	19	27		-27	-36	54	130	-21	7		30			
BM: Morningstar Aggressive Target Risk TR USD			14.10%	8.71%	9.73%		-0.22%	1.14%	0.46%	11.42%	9.00%	9.93%		11.26%			
Fund vs.Morningstar Aggressive Target Risk TR USD			307	59	148		-19	43	123	255	50	129		155			
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		14.87%			
Fund vs.Russell 3000 Index			336	-92	-182		-106	-232	-153	-81	-208	-207		-206			
PG: Allocation--85%+ Equity M*star Category			11.51%	6.66%	9.40%		N/A	N/A	N/A	10.33%	7.62%	9.49%		N/A			
Fund vs. Allocation--85%+ Equity M*star Category			566	264	181		N/A	N/A	N/A	364	188	173		N/A			
PG: Fund % Rank in Allocation--85%+ Equity M*star Category			1%	1%	3%		N/A	N/A	N/A	6%	6%	7%		N/A			
PG: # of funds in Allocation--85%+ Equity M*star Category			191	167	141		N/A	N/A	N/A	200	179	154		N/A			
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A			
TIAA-CREF LIFESTYLE CONSERVATIVE FUND (TLSHX)^[9]	\$225.10	54	7.78%	4.95%	5.76%	N/A	-0.22%	0.49%	0.02%	5.63%	5.15%	6.05%	N/A	6.78%	12/9/2011		
Gross Expense Ratio		66													12/4/2015		
BM: Lifestyle Conservative Composite Benchmark			6.34%	4.33%	5.28%		-0.10%	0.76%	-0.11%	4.78%	4.78%	5.59%		6.05%			
Fund vs.Lifestyle Conservative Composite Benchmark			144	62	48		-12	-27	13	76	37	46		73			
BM: Morningstar Moderately Conservative Target Risk TR USD			6.54%	4.70%	4.95%		-0.07%	0.39%	-0.53%	4.68%	4.98%	5.23%		5.87%			
Fund vs.Morningstar Moderately Conservative Target Risk TR USD			124	25	81		-15	10	55	95	17	82		91			
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%		-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%		2.10%			
Fund vs.Bloomberg Barclays U.S. Aggregate Bond Index			658	375	394		-10	65	164	603	343	378		468			
PG: Allocation--30% to 50% Equity M*star Category			5.40%	3.70%	4.65%		N/A	N/A	N/A	4.01%	4.17%	5.00%		N/A			
Fund vs. Allocation--30% to 50% Equity M*star Category			238	125	111		N/A	N/A	N/A	162	98	105		N/A			
PG: Fund % Rank in Allocation--30% to 50% Equity M*star Category			10%	12%	15%		N/A	N/A	N/A	16%	17%	14%		N/A			
PG: # of funds in Allocation--30% to 50% Equity M*star Category			511	423	354		N/A	N/A	N/A	517	425	358		N/A			
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A			
TIAA-CREF LIFESTYLE GROWTH FUND (TSGHX)^[10]	\$153.70	61	14.02%	7.96%	9.51%	N/A	-0.44%	1.16%	0.97%	11.08%	8.16%	9.62%	N/A	10.96%	12/9/2011		
Gross Expense Ratio		80													12/4/2015		
BM: Lifestyle Growth Composite Benchmark			12.02%	7.59%	9.15%		-0.14%	1.51%	0.63%	10.00%	8.16%	9.41%		10.45%			
Fund vs.Lifestyle Growth Composite Benchmark			200	37	36		-30	-35	34	108	0	21		51			
BM: Morningstar Moderately Aggressive Target Risk TR USD			12.00%	7.61%	8.42%		-0.23%	0.76%	-0.03%	9.33%	7.82%	8.60%		9.76%			
Fund vs.Morningstar Moderately Aggressive Target Risk TR USD			202	35	109		-21	40	100	175	34	102		120			
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		14.87%			
Fund vs.Russell 3000 Index			21	-226	-352		-109	-273	-225	-370	-342	-367		-391			
PG: Allocation--70% to 85% Equity M*star Category			9.75%	5.63%	7.74%		N/A	N/A	N/A	8.46%	6.38%	7.97%		N/A			
Fund vs. Allocation--70% to 85% Equity M*star Category			427	233	177		N/A	N/A	N/A	262	178	165		N/A			
PG: Fund % Rank in Allocation--70% to 85% Equity M*star Category			8%	8%	11%		N/A	N/A	N/A	14%	14%	15%		N/A			
PG: # of funds in Allocation--70% to 85% Equity M*star Category			351	318	276		N/A	N/A	N/A	344	313	274		N/A			
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A			
TIAA-CREF LIFESTYLE INCOME FUND (TSIHX)^[9]	\$70.80	51	4.48%	3.28%	3.69%	N/A	-0.10%	0.26%	-0.23%	3.06%	3.51%	4.03%	N/A	4.45%	12/9/2011		
Gross Expense Ratio		80													12/4/2015		
BM: Lifestyle Income Composite Benchmark			3.46%	2.62%	3.21%		-0.07%	0.43%	-0.35%	2.40%	2.96%	3.51%		3.73%			
Fund vs.Lifestyle Income Composite Benchmark			102	66	48		-3	-17	12	66	55	52		72			
BM: Morningstar Conservative Target Risk TR USD			4.02%	3.03%	2.93%		-0.04%	0.00%	-0.85%	2.33%	3.24%	3.24%		3.62%			
Fund vs.Morningstar Conservative Target Risk TR USD			46	25	76		-6	26	62	73	27	79		83			
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%		-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%		2.10%			
Fund vs.Bloomberg Barclays U.S. Aggregate Bond Index			328	208	187		2	42	139	346	179	176		235			
PG: Allocation--15% to 30% Equity M*star Category			2.99%	2.52%	2.80%		N/A	N/A	N/A	1.84%	2.89%	3.30%		N/A			
Fund vs. Allocation--15% to 30% Equity M*star Category			149	76	89		N/A	N/A	N/A	122	62	73		N/A			
PG: Fund % Rank in Allocation--15% to 30% Equity M*star Category			19%	17%	29%		N/A	N/A	N/A	26%	28%	32%		N/A			
PG: # of funds in Allocation--15% to 30% Equity M*star Category			200	176	149		N/A	N/A	N/A	207	183	151		N/A			
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A			

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
ADVISOR SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) [2]	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Return				Avg. Annual Return									
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception		
TIAA-CREF LIFESTYLE MODERATE FUND (TSMHX) ^[10]	\$335.20	58	10.95%	6.51%	7.80%	N/A	-0.33%	0.81%	0.39%	8.31%	6.76%	8.02%	N/A	9.09%	12/9/2011	
Gross Expense Ratio		67													12/4/2015	
BM: Lifestyle Moderate Composite Benchmark			9.27%	6.03%	7.34%		-0.13%	1.09%	0.10%	7.36%	6.59%	7.66%		8.37%		
Fund vs. Lifestyle Moderate Composite Benchmark			168	48	46		-20	-28	29	95	17	36		72		
BM: Morningstar Moderate Target Risk TR USD			9.09%	6.13%	6.69%		-0.15%	0.56%	-0.31%	6.92%	6.41%	6.92%		7.84%		
Fund vs. Morningstar Moderate Target Risk TR USD			186	38	111		-18	25	70	139	35	110		125		
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		14.87%		
Fund vs. Russell 3000 Index			-286	-371	-523		-98	-308	-283	-647	-482	-527		-578		
PG: Allocation-50% to 70% Equity Mstar Category			7.78%	4.89%	6.55%		N/A	N/A	N/A	6.58%	5.59%	6.85%		N/A		
Fund vs. Allocation-50% to 70% Equity Mstar Category			317	162	125		N/A	N/A	N/A	173	117	117		N/A		
PG: Fund % Rank in Allocation-50% to 70% Equity Mstar Category			11%	16%	27%		N/A	N/A	N/A	20%	24%	26%		N/A		
PG: # of funds in Allocation-50% to 70% Equity Mstar Category			777	680	628		N/A	N/A	N/A	766	674	617		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		

Money Market

TIAA-CREF MONEY MARKET FUND (TMHXX) ^[11,16]	\$1,028.50	24	1.04%	0.45%	0.27%	0.39%	0.14%	0.40%	0.74%	1.27%	0.59%	0.35%	0.37%	1.88%	7/1/1999
Gross Expense Ratio		24													12/4/2015
BM: iMoneyNet Money Fund Averages-TM-All Government			0.66%	0.27%	0.16%	0.19%	0.11%	0.33%	0.57%	0.89%	0.37%	0.23%	0.18%	1.50%	
Fund vs. iMoneyNet Money Fund Averages-TM-All Government			38	18	11	20	3	7	17	38	22	12	19	38	
7-Day Effective Yield as of 06/30/2018: 1.75%															
7-Day Current Yield as of 06/30/2018: 1.75%															

MUTUAL FUND TOTALS^[11] **\$135,509.70**

BM = Benchmark; PG = Peer Group; % Rank within Morningstar Category: 1 = Best 100 = Worst; Morningstar Category Returns are equal-weighted.

Where a product lists two inception dates, the top date reflects the inception date of the product's oldest share class, and the bottom date represents the date of inception for the Share Class being reported. Performance shown for the Since Inception period and prior to the inception of the Advisor Class is based on the performance of the fund's Institutional Class. Performance has not been restated to reflect the higher expenses of the Advisor Class. If the expense differential had been reflected, performance for these periods would have been lower.

- [1] Combined Mutual Funds' Net Assets exclude the Managed Allocation Fund, Lifecycle Funds, and Lifestyle Funds.
- [2] The net expense ratio (top number) represents expenses after reimbursement and waivers, and is what participants actually pay. The number below represents the gross expense ratio, before consideration for reimbursements and/or waivers.
- [3] The "Since Inception" benchmark performance shown is computed from August 1999.
- [4] The "Since Inception" values presented are cumulative values and not average annualized total returns.
- [5] Effective January 1, 2016 the Fund's benchmark index changed from the Bloomberg Barclays U.S. TIPS Index to the Bloomberg Barclays 1-10 US Treasury Inflation Protected Securities Index.
- [6] Beginning December 5, 2015, part or all of the investment management fees of the Advisor Class of the TIAA-CREF Money Market Fund may be voluntarily waived. Without this waiver, current and effective annualized yields and total returns would be lower. This voluntary fee waiver may be discontinued at any time without notice.
- [7] The S&P Target Date Indexes represent a broadly derived consensus of asset class exposure for the respective target retirement date based on market observations acquired through an annual survey of target date fund managers. The S&P Target Date Index returns include the fees and expenses of the exchange-traded funds that comprise each respective index. Previously, the Lifecycle Active and Index 2010, 2015 and Retirement Income Funds compared their performance to the Bloomberg Barclays U.S. Aggregate Bond Index instead of the S&P Target Date Indexes shown in the chart above. The returns of the S&P Target Date Indexes are more appropriate for comparison purposes because they reflect multi-asset class exposure for the same target date as the Fund.
- [8] The S&P Target Date Indexes represent a broadly derived consensus of asset class exposure for the respective target retirement date based on market observations acquired through an annual survey of target date fund managers. The S&P Target Date Index returns include the fees and expenses of the exchange-traded funds that comprise each respective index. Previously, the Lifecycle Active and Index 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055 and 2060 Funds compared their performance to the Russell 3000 Index instead of the S&P Target Date Indexes shown in the chart above. The returns of the S&P Target Date Indexes are more appropriate for comparison purposes because they reflect multi-asset class exposure for the same target date as the Fund.
- [9] The Morningstar Target Risk Indexes are asset allocation indexes comprised of constituent Morningstar indexes and reflect global equity market exposure of 20%, 40%, 60%, 80% or 95% based on an asset allocation methodology from Ibbotson Associates, a Morningstar company. The returns of the Morningstar Target Risk Indexes do not reflect a deduction for fees or expenses. Previously, the Lifestyle Conservative and Lifestyle Income Funds compared their performance to the Bloomberg Barclays U.S. Aggregate Bond Index instead of the Morningstar Target Risk Indexes shown in the chart above. The returns of the Morningstar Target Risk Indexes are more appropriate for comparison purposes because they reflect multi-asset class exposure and similar risk profiles.
- [10] The Morningstar Target Risk Indexes are asset allocation indexes comprised of constituent Morningstar indexes and reflect global equity market exposure of 20%, 40%, 60%, 80% or 95% based on an asset allocation methodology from Ibbotson Associates, a Morningstar company. The returns of the Morningstar Target Risk Indexes do not reflect a deduction for fees or expenses. Previously, the Lifestyle Moderate, Growth and Aggressive, and the TIAA-CREF Managed Allocation Fund compared their performance to the Russell 3000 Index instead of the Morningstar Target Risk Indexes shown in the chart above. The returns of the Morningstar Target Risk Indexes are more appropriate for comparison purposes because they reflect multi-asset class exposure and similar risk profiles.
- [11] Effective October 1, 2016, the iMoneyNet Money Fund Averages-All Taxable peer group was changed to the iMoneyNet Money Fund Averages-All Government.

Teachers Advisors, LLC ("Advisors"), the Funds' investment adviser has contractually agreed to reimburse the Funds for any Total Annual Fund Operating Expenses (excluding Acquired Fund Fees and Expenses and extraordinary expenses) that exceed 0.25% of average daily net assets for the Lifecycle and 0.29% for the Lifecycle Advisor Class Funds. These expense reimbursement arrangements will continue through at least September 30, 2018 unless changed with approval of the Board of Trustees.

In addition to the expense reimbursement arrangement, Advisors has contractually agreed to waive a portion of the Fund's Management Fee equal to, on an annual basis of 0.10% for the all of the Lifecycle Funds. This waiver will remain in effect through September 30, 2018, unless changed with approval of the Board of Trustees.

The Morningstar category averages, percentile ranks and star ratings are sourced from the Morningstar Essentials files prepared for TIAA as well as from Morningstar Direct.

Under the Funds' expense reimbursement arrangements, the Funds' investment adviser, Teachers Advisors, LLC ("Advisors"), has contractually agreed to reimburse the Funds for any Total Annual Fund Operating Expenses (excluding Acquired Fund Fees and Expenses and extraordinary expenses) that exceed the following annual rates of average daily net assets: a) 0.67% for the Growth & Income Fund; 0.75% for the International Equity Fund; 1.10% for the Emerging Markets Equity Fund; 0.67% for the Large-Cap Growth Fund; 0.67% for the Large-Cap Value Fund; 0.70% for the Mid-Cap Growth Fund; 0.70% for the Mid-Cap Value Fund; 0.68% for the Small-Cap Equity Fund; 0.24% for the Large-Cap Growth Index Fund; 0.24% for the Large-Cap Value Index Fund; 0.24% for the Equity Index Fund; 0.24% for the S&P 500 Index Fund; 0.24% for the Small-Cap Blend Index Fund; 0.30% for the International Equity Index Fund; 0.65% for the Enhanced International Equity Index Fund; 0.55% for the Enhanced Large-Cap Growth Index Fund; 0.55% for the Enhanced Large-Cap Value Index Fund; 0.40% for the Emerging Markets Equity Index Fund; 0.37% for the Social Choice Equity Fund; 0.90% for the Global Natural Resources Fund; 0.85% for the International Opportunities Fund; 0.80% for the Emerging Markets Debt Fund; b) 0.72% for the Real Estate Securities Fund; 0.50% for the Bond Fund; 0.50% for the Bond Plus Fund; 0.45% for the Short-Term Bond Fund; 0.45% for the Inflation-Linked Bond Fund; 0.55% for the High-Yield Fund; 0.50% for the Tax-Exempt Bond Fund; 0.28% for the Bond Index Fund; 0.30% for the Money Market Fund; 0.55% for the Social Choice Bond Fund; 0.27% for the Short-Term Bond Index Fund; 0.47% for the Social Choice Low Carbon Equity Fund; 0.55% for the Social Choice International Equity Index.

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
PREMIER SHARE CLASS

FOR PERIOD ENDING June 30, 2018
 PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$ Mil.) 06/30/18	Exp. Ratio (bps) ^[2]	Previous Quarter-End Returns				Current Month-End Returns								Since Inception to 06/30/18	Inc. Date	
			Avg. Annual Return				Avg. Annual Return										
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception			
U.S. Equities																	
TIAA-CREF EQUITY INDEX FUND (TCEPX)^[5]	\$18,152.20	20	13.61%	10.03%	12.83%	9.46%	0.65%	3.85%	3.11%	14.58%	11.38%	13.08%	10.06%	5.98%	7/1/1999		
Gross Expense Ratio		20															9/30/2009
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	6.13%			
Fund vs. Russell 3000 Index			-20	-19	-20	-16	0	-4	-11	-20	-20	-21	-17	-15			
PG: Large Blend M*star Category			12.82%	8.89%	11.72%	8.58%	N/A	N/A	N/A	12.58%	9.93%	11.73%	9.08%	N/A			
Fund vs. Large Blend M*star Category			79	114	111	88	N/A	N/A	N/A	200	145	135	98	N/A			
PG: Fund % Rank in Large Blend M*star Category			46%	35%	32%	25%	N/A	N/A	N/A	24%	29%	25%	24%	N/A			
PG: # of funds in Large Blend M*star Category			1401	1204	1077	802	N/A	N/A	N/A	1353	1166	1042	776	N/A			
Fund Star Rating			N/A	***	****	****	N/A	N/A	N/A	N/A	***	****	****	N/A			
TIAA-CREF GROWTH & INCOME FUND (TRGPX)^[5]	\$6,863.70	56	16.65%	10.70%	13.65%	9.85%	0.53%	3.68%	4.27%	16.95%	11.49%	13.76%	10.40%	6.38%	7/1/1999		
Gross Expense Ratio		56															9/30/2009
BM: S&P 500 Index			13.99%	10.78%	13.31%	9.49%	0.62%	3.43%	2.65%	14.37%	11.93%	13.42%	10.17%	5.64%			
Fund vs. S&P 500 Index			266	-8	34	36	-9	25	162	258	-44	34	23	74			
PG: Large Growth M*star Category			20.41%	10.64%	13.81%	9.87%	N/A	N/A	N/A	20.58%	12.21%	14.37%	10.23%	N/A			
Fund vs. Large Growth M*star Category			-376	6	-16	-2	N/A	N/A	N/A	-363	-72	-61	17	N/A			
PG: Fund % Rank in Large Growth M*star Category			77%	53%	57%	54%	N/A	N/A	N/A	71%	62%	63%	49%	N/A			
PG: # of funds in Large Growth M*star Category			1376	1213	1099	779	N/A	N/A	N/A	1454	1265	1141	825	N/A			
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A			
TIAA-CREF LARGE-CAP GROWTH FUND (TILPX)^[5]	\$5,273.50	58	26.91%	12.97%	16.34%	10.92%	1.10%	6.96%	10.95%	27.29%	14.85%	17.41%	11.42%	10.24%	3/31/2006		
Gross Expense Ratio		58															9/30/2009
BM: Russell 1000 Growth Index			21.25%	12.90%	15.53%	11.34%	0.96%	5.76%	7.25%	22.51%	14.98%	16.36%	11.83%	10.21%			
Fund vs. Russell 1000 Growth Index			566	7	81	-42	14	120	370	478	-13	105	-41	3			
PG: Large Growth M*star Category			20.41%	10.64%	13.81%	9.87%	N/A	N/A	N/A	20.58%	12.21%	14.37%	10.23%	N/A			
Fund vs. Large Growth M*star Category			650	233	253	105	N/A	N/A	N/A	671	264	304	119	N/A			
PG: Fund % Rank in Large Growth M*star Category			14%	21%	14%	30%	N/A	N/A	N/A	14%	21%	12%	29%	N/A			
PG: # of funds in Large Growth M*star Category			1376	1213	1099	779	N/A	N/A	N/A	1454	1265	1141	825	N/A			
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	***	***	***	N/A			
TIAA-CREF LARGE-CAP VALUE FUND (TRCPX)^[5]	\$6,685.40	55	5.44%	6.77%	9.99%	7.72%	0.16%	1.41%	-1.26%	6.86%	7.34%	9.54%	8.52%	9.47%	10/1/2002		
Gross Expense Ratio		55															9/30/2009
BM: Russell 1000 Value Index			6.95%	7.88%	10.78%	7.78%	0.25%	1.18%	-1.69%	6.77%	8.26%	10.34%	8.49%	9.33%			
Fund vs. Russell 1000 Value Index			-151	-111	-79	-6	-9	23	43	9	-92	-80	3	14			
PG: Large Value M*star Category			9.07%	7.65%	10.32%	7.66%	N/A	N/A	N/A	9.04%	8.35%	9.94%	8.30%	N/A			
Fund vs. Large Value M*star Category			-363	-88	-33	6	N/A	N/A	N/A	-218	-101	-40	22	N/A			
PG: Fund % Rank in Large Value M*star Category			87%	73%	65%	50%	N/A	N/A	N/A	73%	72%	66%	46%	N/A			
PG: # of funds in Large Value M*star Category			1263	1086	958	687	N/A	N/A	N/A	1273	1099	951	686	N/A			
Fund Star Rating			N/A	**	**	**	N/A	N/A	N/A	N/A	**	**	**	N/A			
TIAA-CREF MID-CAP GROWTH FUND (TRGPX)^[5]	\$1,555.80	62	18.49%	7.02%	11.37%	9.26%	-0.13%	3.42%	5.22%	17.49%	8.49%	11.30%	9.10%	11.61%	10/1/2002		
Gross Expense Ratio		62															9/30/2009
BM: Russell Mid Cap Growth Index			19.74%	9.17%	13.31%	10.61%	0.39%	3.16%	5.40%	18.52%	10.73%	13.37%	10.45%	12.20%			
Fund vs. Russell Mid Cap Growth Index			-125	-215	-194	-135	-52	26	-18	-103	-224	-207	-135	-59			
PG: Mid-Cap Growth M*star Category			18.34%	8.28%	11.94%	9.39%	N/A	N/A	N/A	18.06%	9.68%	12.31%	9.45%	N/A			
Fund vs. Mid-Cap Growth M*star Category			15	-126	-57	-13	N/A	N/A	N/A	-57	-119	-101	-35	N/A			
PG: Fund % Rank in Mid-Cap Growth M*star Category			47%	69%	62%	56%	N/A	N/A	N/A	51%	69%	74%	62%	N/A			
PG: # of funds in Mid-Cap Growth M*star Category			613	549	485	352	N/A	N/A	N/A	607	541	480	344	N/A			
Fund Star Rating			N/A	**	**	**	N/A	N/A	N/A	N/A	**	**	**	N/A			
TIAA-CREF MID-CAP VALUE FUND (TRVPX)^[5]	\$3,894.70	56	6.08%	5.72%	9.98%	8.34%	0.04%	1.86%	0.64%	7.32%	6.95%	9.94%	8.59%	11.61%	10/1/2002		
Gross Expense Ratio		56															9/30/2009
BM: Russell Mid Cap Value Index			6.50%	7.23%	11.11%	9.81%	0.81%	2.41%	-0.16%	7.60%	8.80%	11.27%	10.06%	11.65%			
Fund vs. Russell Mid Cap Value Index			-42	-151	-113	-147	-77	-55	80	-28	-185	-133	-147	-4			
PG: Mid-Cap Value M*star Category			7.30%	6.75%	10.06%	8.87%	N/A	N/A	N/A	8.86%	7.99%	10.12%	9.16%	N/A			
Fund vs. Mid-Cap Value M*star Category			-122	-103	-8	-53	N/A	N/A	N/A	-154	-104	-18	-57	N/A			
PG: Fund % Rank in Mid-Cap Value M*star Category			62%	69%	64%	67%	N/A	N/A	N/A	65%	68%	63%	60%	N/A			
PG: # of funds in Mid-Cap Value M*star Category			407	361	309	225	N/A	N/A	N/A	409	365	307	221	N/A			
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A			
TIAA-CREF REAL ESTATE SECURITIES FUND (TRRPX)^[5]	\$2,080.90	66	3.28%	3.19%	7.49%	6.64%	3.68%	7.29%	1.52%	6.81%	9.11%	9.26%	7.99%	10.39%	10/1/2002		
Gross Expense Ratio		66															9/30/2009
BM: FTSE Nareit All Equity REITs Index			-1.09%	2.90%	6.66%	6.88%	4.18%	8.50%	1.27%	4.93%	9.14%	8.88%	8.30%	10.71%			
Fund vs. FTSE Nareit All Equity REITs Index			437	29	83	-24	-50	-121	25	188	-3	38	-31	-32			
PG: Real Estate M*star Category			-2.30%	1.26%	5.55%	5.88%	N/A	N/A	N/A	3.39%	7.22%	7.70%	7.27%	N/A			
Fund vs. Real Estate M*star Category			558	193	194	76	N/A	N/A	N/A	342	189	156	72	N/A			
PG: Fund % Rank in Real Estate M*star Category			6%	11%	4%	26%	N/A	N/A	N/A	6%	9%	6%	31%	N/A			
PG: # of funds in Real Estate M*star Category			261	228	198	143	N/A	N/A	N/A	259	230	199	143	N/A			
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A			
TIAA-CREF SMALL-CAP EQUITY FUND (TSRPX)^[5]	\$3,748.00	56	10.75%	9.11%	12.68%	10.24%	-0.10%	5.25%	4.53%	14.92%	10.85%	12.97%	10.61%	11.36%	10/1/2002		
Gross Expense Ratio		56															9/30/2009
BM: Russell 2000 Index			11.79%	8.39%	11.47%	9.84%	0.72%	7.75%	7.66%	17.57%	10.96%	12.46%	10.60%	11.44%			
Fund vs. Russell 2000 Index			-104	72	121	40	-82	-250	-313	-265	-11	51	1	-8			
PG: Small Growth M*star Category			18.07%	8.77%	11.88%	10.28%	N/A	N/A	N/A	22.70%	11.04%	12.76%	10.85%	N/A			
Fund vs. Small Growth M*star Category			-732	34	80	-4	N/A	N/A	N/A	-778	-19	21	-24	N/A			
PG: Fund % Rank in Small Growth M*star Category			88%	44%	38%	52%	N/A	N/A	N/A	88%	53%	47%	55%	N/A			
PG: # of funds in Small Growth M*star Category			684	592	531	402	N/A	N/A	N/A	701	606	534	404	N/A			
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A			
TIAA-CREF SMALL/MID-CAP EQUITY (TSMMX)	\$721.00	64	15.10%	N/A	N/A	N/A	0.46%	7.14%	7.23%	20.94%	N/A	N/A	N/A	18.39%	8/5/2016		
Gross Expense Ratio		64															9/30/2009
BM: Russell 2500 Index			12.31%				0.72%	5.71%	5.46%								

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
PREMIER SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) ^[2]	Previous Quarter-End Returns				Current Month-End Returns					Since Inception to 06/30/18	Date			
			Avg. Annual Return				Avg. Annual Return									
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year			5 Year	10 Year	
			04/01/17 to 03/31/18	04/01/15 to 03/31/18	04/01/13 to 03/31/18	04/01/08 to 03/31/18	06/01/18 to 06/30/18	04/01/18 to 06/30/18	01/01/18 to 06/30/18	07/01/17 to 06/30/18	07/01/15 to 06/30/18	07/01/13 to 06/30/18	07/01/08 to 06/30/18			
TIAA-CREF SOCIAL CHOICE EQUITY FUND (TRPSX)^[5]	\$3,468.60	33	14.69%	9.70%	11.89%	9.20%	0.56%	2.73%	2.46%	13.49%	11.18%	11.91%	9.61%	5.75%	7/1/1999	
Gross Expense Ratio			33													9/30/2009
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	6.13%		
Fund vs. Russell 3000 Index			88	-52	-114	-42	-9	-116	-76	-129	-40	-138	-62	-38		
PG: Large Blend M*star Category			12.82%	8.89%	11.72%	8.58%	N/A	N/A	N/A	12.58%	9.93%	11.73%	9.08%	N/A		
Fund vs. Large Blend M*star Category			187	81	17	62	N/A	N/A	N/A	91	125	18	53	N/A		
PG: Fund % Rank in Large Blend M*star Category			23%	42%	59%	36%	N/A	N/A	N/A	47%	35%	59%	41%	N/A		
PG: # of funds in Large Blend M*star Category			1401	1204	1077	802	N/A	N/A	N/A	1353	1166	1042	776	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A		
TIAA-CREF SOCIAL CHOICE LOW CARBON EQUITY FUND (TPWCX)	\$110.80	47	14.00%	N/A	N/A	N/A	0.31%	2.53%	2.13%	12.71%	N/A	N/A	N/A	11.31%	8/7/2015	
Gross Expense Ratio			79													
BM: Russell 3000 Index			13.81%				0.65%	3.89%	3.22%	14.78%				11.88%		
Fund vs. Russell 3000 Index			19				-34	-136	-109	-207				-57		
PG: Large Blend M*star Category			12.82%				N/A	N/A	N/A	12.58%						
Fund vs. Large Blend M*star Category			118				N/A	N/A	N/A	13				N/A		
PG: Fund % Rank in Large Blend M*star Category			34%				N/A	N/A	N/A	58%				N/A		
PG: # of funds in Large Blend M*star Category			1401				N/A	N/A	N/A	1353				N/A		
Fund Star Rating			N/A				N/A	N/A	N/A	N/A				N/A		
International Equities																
TIAA-CREF EMERGING MARKETS EQUITY FUND (TEMPX)	\$1,428.50	107	27.83%	10.16%	4.44%	N/A	-4.16%	-10.55%	-8.27%	7.78%	5.93%	4.05%	N/A	3.04%	8/31/2010	
Gross Expense Ratio			107													
BM: MS Emerging Market			24.93%	8.81%	4.99%		-4.15%	-7.96%	-6.66%	8.20%	5.60%	5.01%		3.69%		
Fund vs. MS Emerging Market			290	135	-55		-1	-259	-161	-42	33	-96		-65		
PG: Diversified Emerging Mkts M*star Category			22.90%	8.23%	4.45%		N/A	N/A	N/A	6.09%	4.76%	4.05%		N/A		
Fund vs. Diversified Emerging Mkts M*star Category			493	193	-1		N/A	N/A	N/A	169	117	0		N/A		
PG: Fund % Rank in Diversified Emerging Mkts M*star Category			21%	26%	56%		N/A	N/A	N/A	36%	35%	61%		N/A		
PG: # of funds in Diversified Emerging Mkts M*star Category			815	666	474		N/A	N/A	N/A	823	688	489		N/A		
Fund Star Rating			N/A	***	***		N/A	N/A	N/A	N/A	***	***		N/A		
TIAA-CREF EMERGING MARKETS EQUITY INDEX FUND (TEQPX)	\$2,576.10	36	25.25%	8.92%	4.91%	N/A	-4.29%	-8.90%	-6.84%	7.53%	5.35%	4.79%	N/A	3.14%	8/31/2010	
Gross Expense Ratio			36													
BM: MS Emerging Market			24.93%	8.81%	4.99%		-4.15%	-7.96%	-6.66%	8.20%	5.60%	5.01%		3.69%		
Fund vs. MS Emerging Market			32	11	-8		-14	-94	-18	-67	-25	-22		-55		
PG: Diversified Emerging Mkts M*star Category			22.90%	8.23%	4.45%		N/A	N/A	N/A	6.09%	4.76%	4.05%		N/A		
Fund vs. Diversified Emerging Mkts M*star Category			235	69	46		N/A	N/A	N/A	144	59	74		N/A		
PG: Fund % Rank in Diversified Emerging Mkts M*star Category			36%	44%	43%		N/A	N/A	N/A	39%	45%	40%		N/A		
PG: # of funds in Diversified Emerging Mkts M*star Category			815	666	474		N/A	N/A	N/A	823	688	489		N/A		
Fund Star Rating			N/A	***	***		N/A	N/A	N/A	N/A	***	***		N/A		
TIAA-CREF INTERNATIONAL EQUITY FUND (TREPX)^[5]	\$4,853.20	64	20.07%	6.53%	7.68%	3.00%	-2.77%	-3.51%	-4.75%	6.59%	4.66%	6.65%	3.36%	5.10%	7/1/1999	
Gross Expense Ratio			64													9/30/2009
BM: Morgan Stanley EAFE Index			14.80%	5.55%	6.50%	2.74%	-1.22%	-1.24%	-2.75%	6.84%	4.90%	6.44%	2.84%	4.17%		
Fund vs. Morgan Stanley EAFE Index			527	98	118	26	-155	-227	-200	-25	-24	21	52	93		
PG: Foreign Large Blend M*star Category			20.06%	7.35%	7.62%	3.90%	N/A	N/A	N/A	6.08%	4.56%	5.92%	2.61%	N/A		
Fund vs. Foreign Large Blend M*star Category			1	-82	6	-90	N/A	N/A	N/A	51	10	73	75	N/A		
PG: Fund % Rank in Foreign Large Blend M*star Category			44%	60%	37%	81%	N/A	N/A	N/A	45%	51%	27%	26%	N/A		
PG: # of funds in Foreign Large Blend M*star Category			409	339	293	211	N/A	N/A	N/A	774	623	533	371	N/A		
Fund Star Rating			N/A	**	***	**	N/A	N/A	N/A	N/A	***	***	***	N/A		
TIAA-CREF INTERNATIONAL EQUITY INDEX FUND (TRIPX)^[5]	\$12,162.90	21	15.16%	5.74%	6.54%	2.84%	-1.31%	-1.75%	-2.53%	6.33%	4.78%	6.36%	2.88%	7.88%	10/1/2002	
Gross Expense Ratio			21													9/30/2009
BM: Morgan Stanley EAFE Index			14.80%	5.55%	6.50%	2.74%	-1.22%	-1.24%	-2.75%	6.84%	4.90%	6.44%	2.84%	7.94%		
Fund vs. Morgan Stanley EAFE Index			36	19	4	10	-9	-51	22	-51	-12	-8	4	-6		
PG: Foreign Large Blend M*star Category			15.20%	5.75%	6.21%	2.64%	N/A	N/A	N/A	6.08%	4.56%	5.92%	2.61%	N/A		
Fund vs. Foreign Large Blend M*star Category			-4	-1	33	20	N/A	N/A	N/A	25	22	44	27	N/A		
PG: Fund % Rank in Foreign Large Blend M*star Category			55%	51%	41%	43%	N/A	N/A	N/A	53%	47%	39%	39%	N/A		
PG: # of funds in Foreign Large Blend M*star Category			768	605	536	355	N/A	N/A	N/A	774	623	533	371	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A		
TIAA-CREF INTERNATIONAL OPPORTUNITIES FUND (TIOPX)	\$1,542.20	80	25.48%	9.00%	N/A	N/A	-1.32%	-0.44%	0.60%	15.50%	7.31%	7.75%	N/A	6.75%	4/12/2013	
Gross Expense Ratio			80													
BM: MSCI AC World Index ex USA			16.53%	6.18%			-1.88%	-2.61%	-3.77%	7.28%	5.07%	5.99%		4.85%		
Fund vs. MSCI AC World Index ex USA			895	282			56	217	437	822	224	176		190		
PG: Foreign Large Growth M*star Category			20.06%	7.35%			N/A	N/A	N/A	10.53%	6.62%	7.72%		N/A		
Fund vs. Foreign Large Growth M*star Category			542	165			N/A	N/A	N/A	497	69	3		N/A		
PG: Fund % Rank in Foreign Large Growth M*star Category			18%	20%			N/A	N/A	N/A	13%	33%	39%		N/A		
PG: # of funds in Foreign Large Growth M*star Category			409	339			N/A	N/A	N/A	423	344	304		N/A		
Fund Star Rating			N/A	***			N/A	N/A	N/A	N/A	***	***		N/A		
TIAA-CREF INTERNATIONAL SMALL-CAP EQUITY FUND (TPISX)	\$956.60	91	21.48%	N/A	N/A	N/A	-3.71%	-5.50%	-6.78%	6.34%	N/A	N/A	N/A	15.02%	12/9/2013	
Gross Expense Ratio			104													
BM: MSCI ACWI ex-US Small Cap Index			20.60%				-2.73%	-2.60%	-2.94%	10.57%				17.51%		
Fund vs. MSCI ACWI ex-US Small Cap Index			88				-98	-290	-384	-423				-249		
PG: Foreign Small/Mid Value M*star Category			20.74%				N/A	N/A	N/A	6.93%				N/A		
Fund vs. Foreign Small/Mid Value M*star Category			74				N/A	N/A	N/A	-59				N/A		
PG: Fund % Rank in Foreign Small/Mid Value M*star Category			45%				N/A	N/A	N/A	66%				N/A		
PG: # of funds in Foreign Small/Mid Value M*star Category			113				N/A	N/A	N/A	64				N/A		
Fund Star Rating			N/A				N/A	N/A	N/A	N/A				N/A		

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
PREMIER SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mil.) 06/30/18	Exp. Ratio (bps) [2]	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Return				Avg. Annual Return									
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inc. Date	
TIAA-CREF SOCIAL CHOICE INTERNATIONAL EQUITY FUND (TSOPX)	\$52.50	55	14.39%	N/A	N/A	N/A	-1.28%	-2.35%	-3.13%	5.31%	N/A	N/A	N/A	4.54%	8/7/2015	
Gross Expense Ratio 136																
BM: Morgan Stanley EAFE Index																
Fund vs. Morgan Stanley EAFE Index																
PG: Foreign Large Blend M*star Category																
Fund vs. Foreign Large Blend M*star Category																
PG: Fund % Rank in Foreign Large Blend M*star Category																
PG: # of funds in Foreign Large Blend M*star Category																
Fund Star Rating																
TIAA-CREF BOND FUND (TIDPX)[5]	\$4,722.30	46	1.67%	1.87%	2.37%	3.97%	-0.15%	-0.35%	-1.75%	-0.31%	2.29%	2.88%	4.06%	4.90%	7/1/1999	
Gross Expense Ratio 46																
BM: Bloomberg Barclays U.S. Aggregate Bond Index																
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index																
PG: Intermediate-Term Bond M*star Category																
Fund vs. Intermediate-Term Bond M*star Category																
PG: Fund % Rank in Intermediate-Term Bond M*star Category																
PG: # of funds in Intermediate-Term Bond M*star Category																
Fund Star Rating																
TIAA-CREF BOND INDEX FUND (TBIPX)[5]	\$10,172.10	27	0.74%	0.86%	1.50%	N/A	-0.07%	-0.22%	-1.85%	-0.79%	1.38%	1.96%	N/A	2.82%	9/14/2009	
Gross Expense Ratio 27																
BM: Bloomberg Barclays U.S. Aggregate Bond Index																
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index																
PG: Intermediate-Term Bond M*star Category																
Fund vs. Intermediate-Term Bond M*star Category																
PG: Fund % Rank in Intermediate-Term Bond M*star Category																
PG: # of funds in Intermediate-Term Bond M*star Category																
Fund Star Rating																
TIAA-CREF BOND PLUS FUND (TBPPX)[5]	\$4,078.80	46	1.92%	2.06%	2.54%	4.32%	-0.03%	-0.28%	-1.53%	0.06%	2.41%	3.02%	4.40%	4.32%	3/31/2006	
Gross Expense Ratio 46																
BM: Bloomberg Barclays U.S. Aggregate Bond Index																
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index																
PG: Intermediate-Term Bond M*star Category																
Fund vs. Intermediate-Term Bond M*star Category																
PG: Fund % Rank in Intermediate-Term Bond M*star Category																
PG: # of funds in Intermediate-Term Bond M*star Category																
Fund Star Rating																
TIAA-CREF EMERGING MARKETS DEBT FUND (TEDPX)	\$374.40	80	7.44%	7.17%	N/A	N/A	-2.08%	-5.41%	-6.06%	-1.05%	5.31%	N/A	N/A	3.71%	9/26/2014	
Gross Expense Ratio 82																
BM: J.P. Morgan Emerging Markets Bond Index (EMBI) Global Diversified																
Fund vs. J.P. Morgan Emerging Markets Bond Index (EMBI) Global Diversified																
PG: Emerging Markets Bond M*star Category																
Fund vs. Emerging Markets Bond M*star Category																
PG: Fund % Rank in Emerging Markets Bond M*star Category																
PG: # of funds in Emerging Markets Bond M*star Category																
Fund Star Rating																
TIAA-CREF HIGH YIELD FUND (TIHPX)[5]	\$4,028.40	51	2.57%	4.30%	4.33%	7.43%	0.57%	1.18%	0.10%	2.19%	4.72%	4.96%	7.40%	6.77%	3/31/2006	
Gross Expense Ratio 51																
BM: ICE BofA ML BB-B Cash Pay Issuer Constrained Index (New)																
Fund vs. ICE BofA ML BB-B Cash Pay Issuer Constrained Index (New)																
PG: High Yield Bond M*star Category																
Fund vs. High Yield Bond M*star Category																
PG: Fund % Rank in High Yield Bond M*star Category																
PG: # of funds in High Yield Bond M*star Category																
Fund Star Rating																
TIAA-CREF INFLATION-LINKED BOND FUND (TIKFX)[5,7]	\$2,990.50	41	0.08%	0.45%	-0.57%	2.34%	0.41%	0.58%	0.05%	1.20%	1.12%	1.01%	2.45%	3.83%	10/1/2002	
Gross Expense Ratio 41																
BM: Bloomberg Barclays US TIPS 1-10 Year Index																
Fund vs. Bloomberg Barclays US TIPS 1-10 Year Index																
PG: Inflation-Protected Bond M*star Category																
Fund vs. Inflation-Protected Bond M*star Category																
PG: Fund % Rank in Inflation-Protected Bond M*star Category																
PG: # of funds in Inflation-Protected Bond M*star Category																
Fund Star Rating																
TIAA-CREF INTERNATIONAL BOND FUND (TIBLX)	\$260.40	79	4.68%	N/A	N/A	N/A	-0.20%	-1.40%	-0.61%	1.94%	N/A	N/A	N/A	0.87%	8/5/2016	
Gross Expense Ratio 84																
BM: Bloomberg Barclays Global Aggregate ex-USD Index (Hedged)																
Fund vs. Bloomberg Barclays Global Aggregate ex-USD Index (Hedged)																
PG: World Bond M*star Category																
Fund vs. World Bond M*star Category																
PG: Fund % Rank in World Bond M*star Category																
PG: # of funds in World Bond M*star Category																
Fund Star Rating																
TIAA-CREF SHORT-TERM BOND FUND (TSTPX)[5]	\$1,810.10	42	0.99%	1.24%	1.03%	2.25%	0.00%	0.17%	0.11%	0.75%	1.31%	1.32%	2.33%	2.74%	3/31/2006	
Gross Expense Ratio 42																
BM: Bloomberg Barclays US 1-3 Yr Govt Credit Index																
Fund vs. Bloomberg Barclays US 1-3 Yr Govt Credit Index																
PG: Short-Term Bond M*star Category																
Fund vs. Short-Term Bond M*star Category																
PG: Fund % Rank in Short-Term Bond M*star Category																
PG: # of funds in Short-Term Bond M*star Category																
Fund Star Rating																

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
PREMIER SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.) 06/30/18	Exp. Ratio (bps) [2]	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Return				Avg. Annual Return									
			1 Year 04/01/17 to 03/31/18	3 Year 04/01/15 to 03/31/18	5 Year 04/01/13 to 03/31/18	10 Year 04/01/08 to 03/31/18	1 Month 06/01/18 to 06/30/18	3 Month 04/01/18 to 06/30/18	YTD 01/01/18 to 06/30/18	1 Year 07/01/17 to 06/30/18	3 Year 07/01/15 to 06/30/18	5 Year 07/01/13 to 06/30/18	10 Year 07/01/08 to 06/30/18	Since Inception 06/30/18 to 06/30/18	Inc. Date	
TIAA-CREF SHORT-TERM BOND INDEX FUND (TPSHX)	\$387.60	27	-0.14%	N/A	N/A	N/A	-0.05%	0.23%	-0.11%	-0.08%	N/A	N/A	N/A	0.39%	8/7/2015	
Gross Expense Ratio			41													
BM: Bloomberg Barclays US 1-3 Yr Govt Credit Index			0.24%													
Fund vs. Bloomberg Barclays US 1-3 Yr Govt Credit Index			-38													
PG: Short-Term Bond M*star Category			0.73%													
Fund vs. Short-Term Bond M*star Category			-87													
PG: Fund % Rank in Short-Term Bond M*star Category			90%													
PG: # of funds in Short-Term Bond M*star Category			509													
Fund Star Rating			N/A													
TIAA-CREF SOCIAL CHOICE BOND FUND (TSBPX)	\$2,315.60	55	1.99%	1.72%	2.84%	N/A	-0.07%	-0.22%	-1.34%	0.27%	2.26%	3.33%	N/A	2.65%	9/21/2012	
Gross Expense Ratio			55													
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%													
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			79													
PG: Intermediate-Term Bond M*star Category			1.31%													
Fund vs. Intermediate-Term Bond M*star Category			68													
PG: Fund % Rank in Intermediate-Term Bond M*star Category			20%													
PG: # of funds in Intermediate-Term Bond M*star Category			999													
Fund Star Rating			N/A													
Multi-Asset																
TIAA-CREF LIFECYCLE 2010 FUND (TCTPX)^[5,8]	\$1,244.90	53	7.94%	5.10%	6.03%	5.49%	-0.17%	0.52%	0.09%	5.94%	5.37%	6.38%	5.74%	5.70%	10/15/2004	
Gross Expense Ratio			65													
BM: Lifecycle 2010 Fund Composite Index			6.78%													
Fund vs. Lifecycle 2010 Fund Composite Index			116													
BM: S&P Target Date 2010 Index			6.09%													
Fund vs. S&P Target Date 2010 Index			185													
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%													
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			674													
PG: Target-Date 2000-2010 M*star Category			5.94%													
Fund vs. Target-Date 2000-2010 M*star Category			200													
PG: Fund % Rank in Target-Date 2000-2010 M*star Category			2%													
PG: # of funds in Target-Date 2000-2010 M*star Category			129													
Fund Star Rating			N/A													
TIAA-CREF LIFECYCLE 2015 FUND (TCFPX)^[5,8]	\$1,926.40	54	8.84%	5.52%	6.58%	5.71%	-0.20%	0.50%	0.10%	6.53%	5.73%	6.87%	5.97%	5.93%	10/15/2004	
Gross Expense Ratio			66													
BM: Lifecycle 2015 Fund Composite Index			7.49%													
Fund vs. Lifecycle 2015 Fund Composite Index			135													
BM: S&P Target Date 2015 Index			6.95%													
Fund vs. S&P Target Date 2015 Index			189													
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%													
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			764													
PG: Target-Date 2015 M*star Category			6.87%													
Fund vs. Target-Date 2015 M*star Category			197													
PG: Fund % Rank in Target-Date 2015 M*star Category			5%													
PG: # of funds in Target-Date 2015 M*star Category			133													
Fund Star Rating			N/A													
TIAA-CREF LIFECYCLE 2020 FUND (TCWPX)^[5,9]	\$3,793.60	55	10.03%	6.10%	7.32%	6.01%	-0.19%	0.58%	0.29%	7.42%	6.28%	7.57%	6.29%	6.16%	10/15/2004	
Gross Expense Ratio			66													
BM: Lifecycle 2020 Fund Composite Index			8.45%													
Fund vs. Lifecycle 2020 Fund Composite Index			158													
BM: S&P Target Date 2020 Index			7.80%													
Fund vs. S&P Target Date 2020 Index			223													
BM: Russell 3000 Index			13.81%													
Fund vs. Russell 3000 Index			-378													
PG: Target-Date 2020 M*star Category			7.60%													
Fund vs. Target-Date 2020 M*star Category			243													
PG: Fund % Rank in Target-Date 2020 M*star Category			4%													
PG: # of funds in Target-Date 2020 M*star Category			245													
Fund Star Rating			N/A													
TIAA-CREF LIFECYCLE 2025 FUND (TCQPX)^[5,9]	\$4,376.50	56	11.36%	6.71%	8.10%	6.29%	-0.19%	0.76%	0.47%	8.62%	6.88%	8.30%	6.60%	6.40%	10/15/2004	
Gross Expense Ratio			67													
BM: Lifecycle 2025 Fund Composite Index			9.58%													
Fund vs. Lifecycle 2025 Fund Composite Index			178													
BM: S&P Target Date 2025 Index			9.03%													
Fund vs. S&P Target Date 2025 Index			233													
BM: Russell 3000 Index			13.81%													
Fund vs. Russell 3000 Index			-245													
PG: Target-Date 2025 M*star Category			9.10%													
Fund vs. Target-Date 2025 M*star Category			226													
PG: Fund % Rank in Target-Date 2025 M*star Category			4%													
PG: # of funds in Target-Date 2025 M*star Category			215													
Fund Star Rating			N/A													

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
PREMIER SHARE CLASS

FOR PERIOD ENDING June 30, 2018
 PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$ Mil.) 06/30/18	Exp. Ratio (bps) ^[2]	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Return				Avg. Annual Return									
			1 Year 04/01/17 to 03/31/18	3 Year 04/01/15 to 03/31/18	5 Year 04/01/13 to 03/31/18	10 Year 04/01/08 to 03/31/18	1 Month 06/01/18 to 06/30/18	3 Month 04/01/18 to 06/30/18	YTD 01/01/18 to 06/30/18	1 Year 07/01/17 to 06/30/18	3 Year 07/01/15 to 06/30/18	5 Year 07/01/13 to 06/30/18	10 Year 07/01/08 to 06/30/18	Since Inception 06/30/18	Inc. Date	
TIAA-CREF LIFECYCLE 2030 FUND (TCHPX)^[5,9]	\$4,318.30	57	12.50%	7.27%	8.83%	6.51%	-0.28%	0.94%	0.66%	9.72%	7.47%	8.99%	6.85%	6.58%	10/15/2004	
Gross Expense Ratio		68													9/30/2009	
BM: Lifecycle 2030 Fund Composite Index			10.72%	6.87%	8.64%	6.59%	-0.13%	1.31%	0.41%	8.75%	7.41%	8.81%	6.90%	6.71%		
Fund vs. Lifecycle 2030 Fund Composite Index			178	40	19	-8	-15	-37	25	97	6	18	-5	-13		
BM: S&P Target Date 2030 Index			10.19%	6.62%	8.02%	6.39%	-0.15%	1.40%	0.44%	8.47%	7.23%	8.26%	6.73%	6.85%		
Fund vs. S&P Target Date 2030 Index			231	65	81	12	-13	-46	22	125	24	73	12	-27		
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	9.26%		
Fund vs. Russell 3000 Index			-131	-295	-420	-311	-93	-295	-256	-506	-411	-430	-338	-268		
PG: Target-Date 2030 Mstar Category			10.37%	6.07%	7.36%	5.86%	N/A	N/A	N/A	7.88%	6.48%	7.64%	6.06%	N/A		
Fund vs. Target-Date 2030 Mstar Category			213	120	147	65	N/A	N/A	N/A	184	99	135	79	N/A		
PG: Fund % Rank in Target-Date 2030 Mstar Category			6%	9%	7%	22%	N/A	N/A	N/A	4%	12%	10%	21%	N/A		
PG: # of funds in Target-Date 2030 Mstar Category			235	190	149	89	N/A	N/A	N/A	241	193	150	96	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF LIFECYCLE 2035 FUND (TCYPX)^[5,9]	\$4,388.90	58	13.95%	7.89%	9.52%	6.86%	-0.37%	1.02%	0.83%	10.93%	8.05%	9.63%	7.20%	6.93%	10/15/2004	
Gross Expense Ratio		69													9/30/2009	
BM: Lifecycle 2035 Fund Composite Index			11.83%	7.48%	9.37%	6.99%	-0.14%	1.46%	0.58%	9.78%	8.02%	9.51%	7.32%	7.09%		
Fund vs. Lifecycle 2035 Fund Composite Index			212	41	15	-13	-23	-44	25	115	3	12	-12	-16		
BM: S&P Target Date 2035 Index			11.31%	7.21%	8.64%	6.64%	-0.19%	1.52%	0.56%	9.47%	7.83%	8.88%	7.00%	7.08%		
Fund vs. S&P Target Date 2035 Index			264	68	88	22	-18	-50	27	146	22	75	20	-15		
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	9.26%		
Fund vs. Russell 3000 Index			14	-233	-351	-276	-102	-287	-239	-385	-353	-366	-303	-233		
PG: Target-Date 2035 Mstar Category			11.73%	6.73%	8.16%	6.35%	N/A	N/A	N/A	8.94%	7.13%	8.36%	6.55%	N/A		
Fund vs. Target-Date 2035 Mstar Category			222	116	136	51	N/A	N/A	N/A	199	92	127	65	N/A		
PG: Fund % Rank in Target-Date 2035 Mstar Category			6%	11%	10%	25%	N/A	N/A	N/A	6%	14%	9%	27%	N/A		
PG: # of funds in Target-Date 2035 Mstar Category			210	168	131	67	N/A	N/A	N/A	217	173	133	67	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF LIFECYCLE 2040 FUND (TCZPX)^[5,9]	\$5,342.80	59	15.19%	8.46%	10.08%	7.18%	-0.45%	1.19%	1.10%	12.13%	8.58%	10.19%	7.55%	7.33%	10/15/2004	
Gross Expense Ratio		70													9/30/2009	
BM: Lifecycle 2040 Fund Composite Index			12.94%	8.09%	9.97%	7.33%	-0.14%	1.63%	0.79%	10.85%	8.64%	10.11%	7.68%	7.48%		
Fund vs. Lifecycle 2040 Fund Composite Index			225	37	11	-15	-31	-44	31	128	-6	8	-13	-15		
BM: S&P Target Date 2040 Index			12.07%	7.61%	9.07%	6.83%	-0.22%	1.64%	0.68%	10.20%	8.26%	9.30%	7.20%	7.28%		
Fund vs. S&P Target Date 2040 Index			312	85	101	35	-23	-45	42	193	32	89	35	5		
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	9.26%		
Fund vs. Russell 3000 Index			138	-176	-295	-244	-110	-270	-212	-265	-300	-310	-268	-193		
PG: Target-Date 2040 Mstar Category			12.42%	7.04%	8.48%	6.33%	N/A	N/A	N/A	9.56%	7.46%	8.73%	6.57%	N/A		
Fund vs. Target-Date 2040 Mstar Category			277	142	160	85	N/A	N/A	N/A	257	112	146	98	N/A		
PG: Fund % Rank in Target-Date 2040 Mstar Category			2%	7%	6%	24%	N/A	N/A	N/A	3%	10%	5%	22%	N/A		
PG: # of funds in Target-Date 2040 Mstar Category			235	190	149	89	N/A	N/A	N/A	241	193	150	96	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF LIFECYCLE 2045 FUND (TTFPX)^[5,9]	\$2,823.60	60	15.79%	8.78%	10.29%	7.13%	-0.47%	1.27%	1.27%	12.67%	8.98%	10.41%	7.48%	5.76%	11/30/2007	
Gross Expense Ratio		72													9/30/2009	
BM: Lifecycle 2045 Fund Composite Index			13.51%	8.45%	10.19%	7.44%	-0.14%	1.73%	0.91%	11.42%	9.04%	10.36%	7.80%	6.23%		
Fund vs. Lifecycle 2045 Fund Composite Index			228	33	10	-31	-33	-46	36	125	-6	5	-32	-47		
BM: S&P Target Date 2045 Index			12.50%	7.88%	9.38%	6.89%	-0.24%	1.66%	0.70%	10.55%	8.52%	9.59%	7.27%	5.67%		
Fund vs. S&P Target Date 2045 Index			329	90	91	24	-23	-39	57	212	46	82	21	9		
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	8.37%		
Fund vs. Russell 3000 Index			198	-144	-274	-249	-112	-262	-195	-211	-260	-288	-275	-261		
PG: Target-Date 2045 Mstar Category			13.18%	7.38%	8.89%	6.57%	N/A	N/A	N/A	10.12%	7.79%	9.06%	6.78%	N/A		
Fund vs. Target-Date 2045 Mstar Category			261	140	140	56	N/A	N/A	N/A	255	119	135	70	N/A		
PG: Fund % Rank in Target-Date 2045 Mstar Category			2%	3%	6%	21%	N/A	N/A	N/A	3%	4%	4%	23%	N/A		
PG: # of funds in Target-Date 2045 Mstar Category			210	168	131	66	N/A	N/A	N/A	217	173	133	66	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF LIFECYCLE 2050 FUND (TCLPX)^[5,9]	\$1,841.40	60	16.00%	8.93%	10.38%	7.14%	-0.39%	1.34%	1.34%	12.97%	9.12%	10.51%	7.40%	5.77%	11/30/2007	
Gross Expense Ratio		72													9/30/2009	
BM: Lifecycle 2050 Fund Composite Index			13.69%	8.60%	10.28%	7.48%	-0.14%	1.76%	0.94%	11.59%	9.20%	10.45%	7.85%	6.27%		
Fund vs. Lifecycle 2050 Fund Composite Index			231	33	10	-34	-25	-42	40	138	-8	6	-45	-50		
BM: S&P Target Date 2050 Index			12.83%	8.11%	9.68%	7.05%	-0.25%	1.72%	0.77%	10.85%	8.75%	9.89%	7.44%	5.82%		
Fund vs. S&P Target Date 2050 Index			317	82	70	9	-14	-38	57	212	37	62	-4	-5		
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	8.37%		
Fund vs. Russell 3000 Index			219	-129	-265	-248	-104	-255	-188	-181	-246	-278	-283	-260		
PG: Target-Date 2050 Mstar Category			13.25%	7.41%	8.91%	6.57%	N/A	N/A	N/A	10.22%	7.83%	9.15%	6.82%	N/A		
Fund vs. Target-Date 2050 Mstar Category			275	152	147	57	N/A	N/A	N/A	275	129	136	58	N/A		
PG: Fund % Rank in Target-Date 2050 Mstar Category			2%	3%	5%	27%	N/A	N/A	N/A	3%	3%	4%	27%	N/A		
PG: # of funds in Target-Date 2050 Mstar Category			231	185	144	61	N/A	N/A	N/A	237	188	145	70	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF LIFECYCLE 2055 FUND (TRPX)^[9]	\$569.80	60	16.14%	9.02%	10.43%	N/A	-0.41%	1.39%	1.32%	13.07%	9.23%	10.57%	N/A	9.04%	4/29/2011	
Gross Expense Ratio		76														
BM: Lifecycle 2055 Fund Composite Index			13.86%	8.74%	10.37%		-0.14%	1.78%	0.97%	11.76%	9.35%	10.54%		9.27%		
Fund vs. Lifecycle 2055 Fund Composite Index			228	28	6		-27	-39	35	131	-12	3		-23		
BM: S&P Target Date 2055 Index			13.00%	8.24%	9.87%		-0.26%	1.70%	0.78%	10.96%	8.86%	10.06%		8.68%		
Fund vs. S&P Target Date 2055 Index			314	78	56		-15	-31	54	211	37	51		36		
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		12.22%		
Fund vs. Russell 3000 Index			233	-120	-260		-106	-250	-190	-171	-235	-272		-318		
PG: Target-Date 2055 Mstar Category			13.61%	7.61%	9.23%		N/A	N/A	N/A	10.47%	7.97%	9.38%		N/A		
Fund vs. Target-Date 2055 Mstar Category			253	141	120		N/A	N/A	N/A	260	126	119		N/A		
PG: Fund % Rank in Target-Date 2055 Mstar Category			4%	3%	5%		N/A	N/A	N/A	3%	3%	5%		N/A		
PG: # of funds in Target-Date 2055 Mstar Category			208	159	105		N/A	N/A</								

INVESTMENT PERFORMANCE SUMMARY

TIAA-CREF FUNDS

PREMIER SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$ Mil.)	Exp. Ratio (bps) ^[2]	Previous Quarter-End Returns				Current Month-End Returns					Since Inception	Inc. Date		
			Avg. Annual Returns				Avg. Annual Returns								
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year			5 Year	10 Year
	04/01/17 to 03/31/18	04/01/15 to 03/31/16	04/01/13 to 03/31/14	04/01/08 to 03/31/13	06/01/18 to 06/30/18	04/01/18 to 06/30/18	01/01/18 to 06/30/18	07/01/17 to 06/30/18	07/01/15 to 06/30/18	07/01/13 to 06/30/18	07/01/08 to 06/30/18				
TIAA-CREF LIFECYCLE 2060 FUND (TLXPX)^[9]	\$99.10	60	16.41%	9.17%	N/A	N/A	-0.42%	1.36%	1.36%	13.21%	9.38%	N/A	N/A	9.00%	9/26/2014
Gross Expense Ratio		135													
BM: Lifecycle 2060 Fund Composite Index			14.04%	8.89%			-0.14%	1.81%	1.00%	11.93%	9.51%			8.69%	
Fund vs.Lifecycle 2060 Fund Composite Index			237	28			-28	-45	36	128	-13			31	
BM: S&P Target Date 2060+ Index			13.15%	8.32%			-0.24%	1.77%	0.85%	11.17%	8.98%			8.28%	
Fund vs.S&P Target Date 2060+ Index			326	85			-18	-41	51	204	40			72	
BM: Russell 3000 Index			13.81%	10.22%			0.65%	3.89%	3.22%	14.78%	11.58%			11.01%	
Fund vs.Russell 3000 Index			260	-105			-107	-253	-186	-157	-220			-201	
PG: Target-Date 2060+ M*star Category			13.72%	8.03%			N/A	N/A	N/A	10.64%	8.29%			N/A	
Fund vs. Target-Date 2060+ M*star Category			269	114			N/A	N/A	N/A	257	109			N/A	
PG: Fund % Rank in Target-Date 2060+ M*star Category			2%	6%			N/A	N/A	N/A	3%	8%			N/A	
PG: # of funds in Target-Date 2060+ M*star Category			162	56			N/A	N/A	N/A	177	65			N/A	
Fund Star Rating			N/A	****			N/A	N/A	N/A	N/A	****			N/A	
TIAA-CREF LIFECYCLE INDEX 2010 FUND (TLTPX)^[9]	\$404.60	25	6.53%	4.34%	5.55%	N/A	0.00%	0.67%	-0.20%	4.89%	4.85%	5.91%	N/A	6.75%	9/30/2009
Gross Expense Ratio		41													
BM: Lifecycle Index 2010 Composite Benchmark			6.82%	4.59%	5.82%		-0.08%	0.77%	-0.08%	5.26%	5.11%	6.18%		7.06%	
Fund vs.Lifecycle Index 2010 Composite Benchmark			-29	-25	-27		8	-10	-12	-37	-26	-27		-31	
BM: S&P Target Date 2010 Index			6.09%	4.13%	5.01%		-0.03%	0.82%	-0.05%	4.82%	4.67%	5.38%		6.20%	
Fund vs.S&P Target Date 2010 Index			44	21	54		3	-15	-15	7	18	53		55	
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%		-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%		3.13%	
Fund vs.Bloomberg Barclays U.S. Aggregate Bond Index			533	314	373		12	83	142	529	313	364		362	
PG: Target-Date 2000-2010 M*star Category			5.94%	4.11%	5.06%		N/A	N/A	N/A	4.37%	4.38%	5.33%		N/A	
Fund vs. Target-Date 2000-2010 M*star Category			59	23	49		N/A	N/A	N/A	52	47	58		N/A	
PG: Fund % Rank in Target-Date 2000-2010 M*star Category			30%	40%	31%		N/A	N/A	N/A	26%	21%	26%		N/A	
PG: # of funds in Target-Date 2000-2010 M*star Category			129	110	87		N/A	N/A	N/A	135	111	87		N/A	
Fund Star Rating			N/A	***	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFECYCLE INDEX 2015 FUND (TLFPX)^[9]	\$771.70	25	7.30%	4.78%	6.11%	N/A	0.00%	0.77%	-0.06%	5.55%	5.30%	6.42%	N/A	7.25%	9/30/2009
Gross Expense Ratio		39													
BM: Lifecycle Index 2015 Composite Benchmark			7.54%	5.02%	6.38%		-0.10%	0.84%	-0.01%	5.85%	5.53%	6.69%		7.56%	
Fund vs.Lifecycle Index 2015 Composite Benchmark			-24	-24	-27		10	-7	-5	-30	-23	-27		-31	
BM: S&P Target Date 2015 Index			6.95%	4.76%	5.87%		-0.03%	0.97%	0.07%	5.55%	5.33%	6.20%		7.04%	
Fund vs.S&P Target Date 2015 Index			35	2	24		3	-20	-13	0	-3	22		21	
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%		-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%		3.13%	
Fund vs.Bloomberg Barclays U.S. Aggregate Bond Index			610	358	429		12	93	156	595	358	415		412	
PG: Target-Date 2015 M*star Category			6.87%	4.43%	5.55%		N/A	N/A	N/A	5.14%	4.81%	5.84%		N/A	
Fund vs. Target-Date 2015 M*star Category			43	35	56		N/A	N/A	N/A	41	49	58		N/A	
PG: Fund % Rank in Target-Date 2015 M*star Category			41%	31%	37%		N/A	N/A	N/A	27%	24%	34%		N/A	
PG: # of funds in Target-Date 2015 M*star Category			133	105	74		N/A	N/A	N/A	138	109	75		N/A	
Fund Star Rating			N/A	****	***		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFECYCLE INDEX 2020 FUND (TLVPX)^[9]	\$1,787.80	25	8.25%	5.35%	6.86%	N/A	-0.06%	0.85%	0.06%	6.28%	5.83%	7.10%	N/A	7.87%	9/30/2009
Gross Expense Ratio		37													
BM: Lifecycle Index 2020 Composite Benchmark			8.49%	5.58%	7.11%		-0.11%	0.94%	0.10%	6.66%	6.08%	7.36%		8.18%	
Fund vs.Lifecycle Index 2020 Composite Benchmark			-24	-23	-25		5	-24	-4	-38	-25	-26		-31	
BM: S&P Target Date 2020 Index			7.80%	5.33%	6.63%		-0.07%	1.09%	0.16%	6.27%	5.91%	6.93%		7.77%	
Fund vs.S&P Target Date 2020 Index			45	2	23		1	-24	-10	1	-8	17		10	
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		13.81%	
Fund vs.Russell 3000 Index			-556	-487	-617		-71	-304	-316	-850	-575	-619		-594	
PG: Target-Date 2020 M*star Category			7.60%	4.65%	5.74%		N/A	N/A	N/A	5.65%	5.07%	6.07%		N/A	
Fund vs. Target-Date 2020 M*star Category			65	70	112		N/A	N/A	N/A	63	76	103		N/A	
PG: Fund % Rank in Target-Date 2020 M*star Category			34%	24%	19%		N/A	N/A	N/A	28%	21%	18%		N/A	
PG: # of funds in Target-Date 2020 M*star Category			245	200	159		N/A	N/A	N/A	252	203	160		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFECYCLE INDEX 2025 FUND (TLVFX)^[9]	\$2,161.30	25	9.45%	6.02%	7.66%	N/A	-0.06%	0.93%	0.17%	7.32%	6.48%	7.83%	N/A	8.54%	9/30/2009
Gross Expense Ratio		37													
BM: Lifecycle Index 2025 Composite Benchmark			9.63%	6.23%	7.90%		-0.12%	1.07%	0.24%	7.64%	6.73%	8.10%		8.83%	
Fund vs.Lifecycle Index 2025 Composite Benchmark			-18	-21	-24		6	-14	-7	-32	-25	-27		-29	
BM: S&P Target Date 2025 Index			9.03%	6.01%	7.34%		-0.11%	1.24%	0.29%	7.38%	6.59%	7.60%		8.42%	
Fund vs.S&P Target Date 2025 Index			42	1	32		5	-31	-12	-6	-11	23		12	
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		13.81%	
Fund vs.Russell 3000 Index			-436	-420	-537		-71	-296	-305	-746	-510	-546		-527	
PG: Target-Date 2025 M*star Category			9.10%	5.42%	6.69%		N/A	N/A	N/A	6.79%	5.83%	6.94%		N/A	
Fund vs. Target-Date 2025 M*star Category			35	60	97		N/A	N/A	N/A	53	65	89		N/A	
PG: Fund % Rank in Target-Date 2025 M*star Category			45%	22%	18%		N/A	N/A	N/A	38%	23%	16%		N/A	
PG: # of funds in Target-Date 2025 M*star Category			215	173	136		N/A	N/A	N/A	222	178	138		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFECYCLE INDEX 2030 FUND (TLHPX)^[9]	\$2,252.40	25	10.60%	6.68%	8.43%	N/A	-0.11%	1.05%	0.33%	8.26%	7.12%	8.56%	N/A	9.19%	9/30/2009
Gross Expense Ratio		36													
BM: Lifecycle Index 2030 Composite Benchmark			10.78%	6.88%	8.68%		-0.14%	1.20%	0.38%	8.63%	7.38%	8.83%		9.48%	
Fund vs.Lifecycle Index 2030 Composite Benchmark			-18	-20	-25		3	-15	-5	-37	-26	-27		-29	
BM: S&P Target Date 2030 Index			10.19%	6.62%	8.02%		-0.15%	1.40%	0.44%	8.47%	7.23%	8.26%		8.99%	
Fund vs.S&P Target Date 2030 Index			41	6	41		4	-35	-11	-21	-11	30		20	
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		13.81%	
Fund vs.Russell 3000 Index			-321	-354	-460		-76	-284	-289	-652	-446	-473		-462	
PG: Target-Date 2030 M*star Category			10.37%	6.07%	7.36%		N/A	N/A	N/A	7.88%	6.48%	7.64%		N/A	
Fund vs. Target-Date 2030 M*star Category			23	61	107		N/A	N/A	N/A	38	64	92		N/A	
PG: Fund % Rank in Target-Date 2030 M*star Category			52%	27%	18%		N/A	N/A	N/A	42%	28%	19%		N/A	
PG: # of funds in Target-Date 2030 M*star Category			235	190	149		N/A	N/A	N/A	241	193	150		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
PREMIER SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) [2]	Previous Quarter-End Returns Avg. Annual Return				Current Month-End Returns Avg. Annual Return								
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	
			04/01/17 to 03/31/18	04/01/15 to 03/31/18	04/01/13 to 03/31/18	04/01/08 to 03/31/18	06/01/18 to 06/30/18	04/01/18 to 06/30/18	01/01/18 to 06/30/18	07/01/17 to 06/30/18	07/01/15 to 06/30/18	07/01/13 to 06/30/18	07/01/08 to 06/30/18	06/30/18 to 06/30/18	Inc. Date
TIAA-CREF LIFECYCLE INDEX 2035 FUND (TLYPX)^[9]	\$2,092.20	25	11.79%	7.34%	9.18%	N/A	-0.10%	1.16%	0.52%	9.30%	7.75%	9.27%	N/A	9.82%	9/30/2009
Gross Expense Ratio		36													
BM: Lifecycle Index 2035 Composite Benchmark			11.90%	7.50%	9.41%		-0.14%	1.35%	0.55%	9.65%	7.99%	9.53%		10.11%	
Fund vs. Lifecycle Index 2035 Composite Benchmark			-11	-16	-23		4	-19	-3	-35	-24	-26		-29	
BM: S&P Target Date 2035 Index			11.31%	7.21%	8.64%		-0.19%	1.52%	0.56%	9.47%	7.83%	8.88%		9.50%	
Fund vs. S&P Target Date 2035 Index			48	13	54		9	-36	-4	-17	-8	39		32	
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		13.81%	
Fund vs. Russell 3000 Index			-202	-288	-385		-75	-273	-270	-548	-383	-402		-399	
PG: Target-Date 2035 Mstar Category			11.73%	6.73%	8.16%		N/A	N/A	N/A	8.94%	7.13%	8.36%		N/A	
Fund vs. Target-Date 2035 Mstar Category			6	61	102		N/A	N/A	N/A	36	62	91		N/A	
PG: Fund % Rank in Target-Date 2035 Mstar Category			52%	25%	18%		N/A	N/A	N/A	39%	23%	22%		N/A	
PG: # of funds in Target-Date 2035 Mstar Category			210	168	131		N/A	N/A	N/A	217	173	133		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFECYCLE INDEX 2040 FUND (TLPRX)^[9]	\$2,246.60	25	12.90%	7.95%	9.79%	N/A	-0.20%	1.28%	0.66%	10.28%	8.36%	9.86%	N/A	10.24%	9/30/2009
Gross Expense Ratio		35													
BM: Lifecycle Index 2040 Composite Benchmark			13.02%	8.11%	10.01%		-0.15%	1.50%	0.75%	10.69%	8.61%	10.13%		10.54%	
Fund vs. Lifecycle Index 2040 Composite Benchmark			-12	-16	-22		-5	-22	-9	-41	-25	-27		-30	
BM: S&P Target Date 2040 Index			12.07%	7.61%	9.07%		-0.22%	1.64%	0.68%	10.20%	8.26%	9.30%		9.86%	
Fund vs. S&P Target Date 2040 Index			83	34	72		2	-36	-2	8	10	56		38	
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		13.81%	
Fund vs. Russell 3000 Index			-91	-227	-324		-85	-261	-256	-450	-322	-343		-357	
PG: Target-Date 2040 Mstar Category			12.42%	7.04%	8.48%		N/A	N/A	N/A	9.56%	7.46%	8.73%		N/A	
Fund vs. Target-Date 2040 Mstar Category			48	91	131		N/A	N/A	N/A	72	90	113		N/A	
PG: Fund % Rank in Target-Date 2040 Mstar Category			38%	19%	10%		N/A	N/A	N/A	26%	18%	12%		N/A	
PG: # of funds in Target-Date 2040 Mstar Category			235	190	149		N/A	N/A	N/A	241	193	150		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFECYCLE INDEX 2045 FUND (TLMPX)^[9]	\$1,421.20	25	13.51%	8.30%	10.00%	N/A	-0.15%	1.37%	0.86%	10.93%	8.75%	10.09%	N/A	10.38%	9/30/2009
Gross Expense Ratio		36													
BM: Lifecycle Index 2045 Composite Benchmark			13.59%	8.47%	10.23%		-0.15%	1.60%	0.87%	11.26%	9.00%	10.37%		10.68%	
Fund vs. Lifecycle Index 2045 Composite Benchmark			-8	-17	-23		0	-23	-1	-33	-25	-28		-30	
BM: S&P Target Date 2045 Index			12.50%	7.88%	9.38%		-0.24%	1.66%	0.70%	10.55%	8.52%	9.59%		10.10%	
Fund vs. S&P Target Date 2045 Index			101	42	62		9	-29	16	38	23	50		28	
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		13.81%	
Fund vs. Russell 3000 Index			-30	-192	-303		-80	-252	-236	-385	-283	-320		-343	
PG: Target-Date 2045 Mstar Category			13.18%	7.38%	8.89%		N/A	N/A	N/A	10.12%	7.79%	9.06%		N/A	
Fund vs. Target-Date 2045 Mstar Category			33	92	111		N/A	N/A	N/A	81	96	103		N/A	
PG: Fund % Rank in Target-Date 2045 Mstar Category			42%	12%	10%		N/A	N/A	N/A	19%	8%	10%		N/A	
PG: # of funds in Target-Date 2045 Mstar Category			210	168	131		N/A	N/A	N/A	217	173	133		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFECYCLE INDEX 2050 FUND (TLPPX)^[9]	\$1,024.40	25	13.66%	8.44%	10.09%	N/A	-0.15%	1.42%	0.86%	11.07%	8.91%	10.20%	N/A	10.44%	9/30/2009
Gross Expense Ratio		37													
BM: Lifecycle Index 2050 Composite Benchmark			13.77%	8.62%	10.32%		-0.15%	1.62%	0.90%	11.43%	9.16%	10.46%		10.73%	
Fund vs. Lifecycle Index 2050 Composite Benchmark			-11	-18	-23		0	-20	-4	-36	-25	-26		-29	
BM: S&P Target Date 2050 Index			12.83%	8.11%	9.68%		-0.25%	1.72%	0.77%	10.85%	8.75%	9.89%		10.29%	
Fund vs. S&P Target Date 2050 Index			83	33	41		10	-30	9	22	16	31		15	
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		13.81%	
Fund vs. Russell 3000 Index			-15	-178	-294		-80	-247	-236	-371	-267	-309		-337	
PG: Target-Date 2050 Mstar Category			13.25%	7.41%	8.91%		N/A	N/A	N/A	10.22%	7.83%	9.15%		N/A	
Fund vs. Target-Date 2050 Mstar Category			41	103	118		N/A	N/A	N/A	85	108	105		N/A	
PG: Fund % Rank in Target-Date 2050 Mstar Category			39%	10%	11%		N/A	N/A	N/A	21%	6%	11%		N/A	
PG: # of funds in Target-Date 2050 Mstar Category			231	185	144		N/A	N/A	N/A	237	188	145		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFECYCLE INDEX 2055 FUND (TTIPX)^[9]	\$376.50	25	13.80%	8.59%	10.17%	N/A	-0.19%	1.45%	0.88%	11.22%	9.06%	10.28%	N/A	9.00%	4/29/2011
Gross Expense Ratio		46													
BM: Lifecycle Index 2055 Composite Benchmark			13.94%	8.76%	10.41%		-0.15%	1.65%	0.93%	11.59%	9.31%	10.56%		9.28%	
Fund vs. Lifecycle Index 2055 Composite Benchmark			-14	-17	-24		-4	-20	-5	-37	-25	-28		-28	
BM: S&P Target Date 2055 Index			13.00%	8.24%	9.87%		-0.26%	1.70%	0.78%	10.96%	8.86%	10.06%		8.68%	
Fund vs. S&P Target Date 2055 Index			80	35	30		7	-25	10	26	20	22		32	
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		12.22%	
Fund vs. Russell 3000 Index			-1	-163	-286		-84	-244	-234	-356	-252	-301		-322	
PG: Target-Date 2055 Mstar Category			13.61%	7.61%	9.23%		N/A	N/A	N/A	10.47%	7.97%	9.38%		N/A	
Fund vs. Target-Date 2055 Mstar Category			19	98	94		N/A	N/A	N/A	75	109	90		N/A	
PG: Fund % Rank in Target-Date 2055 Mstar Category			40%	9%	14%		N/A	N/A	N/A	23%	6%	14%		N/A	
PG: # of funds in Target-Date 2055 Mstar Category			208	159	105		N/A	N/A	N/A	215	171	106		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFECYCLE INDEX 2060 FUND (TVIPX)^[9]	\$84.20	25	13.97%	8.74%	N/A	N/A	-0.16%	1.47%	0.98%	11.37%	9.20%	N/A	N/A	8.47%	9/26/2014
Gross Expense Ratio		115													
BM: Lifecycle Index 2060 Composite Benchmark			14.12%	8.90%			-0.15%	1.67%	0.96%	11.76%	9.46%		8.73%		
Fund vs. Lifecycle Index 2060 Composite Benchmark			-15	-16			-1	-20	2	-39	-26		-26		
BM: S&P Target Date 2060+ Index			13.15%	8.32%			-0.24%	1.77%	0.85%	11.17%	8.98%		8.28%		
Fund vs. S&P Target Date 2060+ Index			82	42			8	-30	13	20	22		19		
BM: Russell 3000 Index			13.81%	10.22%			0.65%	3.89%	3.22%	14.78%	11.58%		11.01%		
Fund vs. Russell 3000 Index			16	-148			-81	-242	-224	-341	-238		-254		
PG: Target-Date 2060+ Mstar Category			13.72%	8.03%			N/A	N/A	N/A	10.64%	8.29%		N/A		
Fund vs. Target-Date 2060+ Mstar Category			25	71			N/A	N/A	N/A	73	91		N/A		
PG: Fund % Rank in Target-Date 2060+ Mstar Category			37%	14%			N/A	N/A	N/A	20%	12%		N/A		
PG: # of funds in Target-Date 2060+ Mstar Category			162	56			N/A	N/A	N/A	177	65		N/A		
Fund Star Rating			N/A	****			N/A	N/A	N/A	N/A	****		N/A		

INVESTMENT PERFORMANCE SUMMARY

TIAA-CREF FUNDS
PREMIER SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mil.) 06/30/18	Exp. Ratio (bps) [2]	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Return				Avg. Annual Return									
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception		
TIAA-CREF LIFECYCLE INDEX RETIREMENT INCOME FUND (TLIPX)^[9]	\$297.30	25	6.27%	4.12%	5.07%	N/A	-0.02%	0.62%	-0.04%	4.76%	4.66%	5.50%	N/A	6.27%	9/30/2009	
Gross Expense Ratio		51														
BM: Lifecycle Index Retirement Income Composite Benchmark			6.40%	4.33%	5.31%		-0.08%	0.74%	-0.12%	4.93%	4.87%	5.75%		6.57%		
Fund vs.Lifecycle Index Retirement Income Composite Benchmark			-13	-21	-24		6	-12	8	-17	-21	-25		-30		
BM: S&P Target Date Retirement Income Index			5.35%	3.54%	4.13%		-0.03%	0.70%	-0.11%	4.23%	4.08%	4.56%		5.33%		
Fund vs.S&P Target Date Retirement Income Index			92	58	94		1	-8	7	53	58	94		94		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%		-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%		3.13%		
Fund vs.Bloomberg Barclays U.S. Aggregate Bond Index			507	292	325		10	78	158	516	294	323		314		
PG: Target-Date Retirement M*star Category			4.95%	3.22%	3.83%		N/A	N/A	N/A	3.50%	3.66%	4.26%		N/A		
Fund vs. Target-Date Retirement M*star Category			132	90	124		N/A	N/A	N/A	126	100	124		N/A		
PG: Fund % Rank in Target-Date Retirement M*star Category			19%	13%	10%		N/A	N/A	N/A	15%	13%	10%		N/A		
PG: # of funds in Target-Date Retirement M*star Category			183	160	131		N/A	N/A	N/A	188	163	133		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFECYCLE RETIREMENT INCOME FUND (TPLX)^[9,9]	\$541.40	53	7.59%	4.87%	5.54%	5.41%	-0.07%	0.45%	0.05%	5.55%	5.15%	5.91%	5.62%	4.81%	11/30/2007	
Gross Expense Ratio		69													9/30/2009	
BM: Lifecycle Retirement Income Fund Composite Index			6.36%	4.35%	5.22%	5.38%	-0.08%	0.80%	-0.10%	5.00%	4.86%	5.64%	5.58%	4.89%		
Fund vs.Lifecycle Retirement Income Fund Composite Index			123	52	32	3	1	-35	15	55	29	27	4	-8		
BM: S&P Target Date Retirement Income Index			5.35%	3.54%	4.13%	4.27%	-0.03%	0.70%	-0.11%	4.23%	4.08%	4.56%	4.50%	3.82%		
Fund vs.S&P Target Date Retirement Income Index			224	133	141	114	-4	-25	16	132	107	135	112	99		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%	3.63%	-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%	3.72%	3.65%		
Fund vs.Bloomberg Barclays U.S. Aggregate Bond Index			639	367	372	178	5	61	167	595	343	364	190	116		
PG: Target-Date Retirement M*star Category			4.95%	3.22%	3.83%	4.31%	N/A	N/A	N/A	3.50%	3.66%	4.26%	4.45%	N/A		
Fund vs. Target-Date Retirement M*star Category			264	165	171	110	N/A	N/A	N/A	205	149	165	117	N/A		
PG: Fund % Rank in Target-Date Retirement M*star Category			4%	3%	2%	4%	N/A	N/A	N/A	3%	4%	1%	3%	N/A		
PG: # of funds in Target-Date Retirement M*star Category			183	160	131	90	N/A	N/A	N/A	188	163	133	92	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF LIFESTYLE AGGRESSIVE GROWTH FUND (TSAPX)^[11]	\$115.20	71	17.06%	9.21%	11.09%	N/A	-0.47%	1.50%	1.62%	13.87%	9.38%	11.08%	N/A	12.67%	12/9/2011	
Gross Expense Ratio		102														
BM: Lifestyle Aggressive Composite Benchmark			14.81%	9.11%	10.94%		-0.14%	1.93%	1.15%	12.67%	9.71%	11.15%		12.51%		
Fund vs.Lifestyle Aggressive Composite Benchmark			225	10	15		-33	-43	47	120	-33	-7		16		
BM: Morningstar Aggressive Target Risk TR USD			14.10%	8.71%	9.73%		-0.22%	1.14%	0.46%	11.42%	9.00%	9.93%		11.26%		
Fund vs.Morningstar Aggressive Target Risk TR USD			296	50	136		-25	36	116	245	38	115		141		
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		14.87%		
Fund vs.Russell 3000 Index			325	-101	-194		-112	-239	-160	-91	-220	-221		-220		
PG: Allocation--85%+ Equity M*star Category			11.51%	6.66%	9.40%		N/A	N/A	N/A	10.33%	7.62%	9.49%		N/A		
Fund vs. Allocation--85%+ Equity M*star Category			555	255	169		N/A	N/A	N/A	354	176	159		N/A		
PG: Fund % Rank in Allocation--85%+ Equity M*star Category			2%	1%	3%		N/A	N/A	N/A	7%	7%	8%		N/A		
PG: # of funds in Allocation--85%+ Equity M*star Category			191	167	141		N/A	N/A	N/A	200	179	154		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFESTYLE CONSERVATIVE FUND (TLSPX)^[10]	\$225.10	61	7.63%	4.81%	5.61%	N/A	-0.16%	0.48%	0.05%	5.59%	5.02%	5.90%	N/A	6.63%	12/9/2011	
Gross Expense Ratio		75														
BM: Lifestyle Conservative Composite Benchmark			6.34%	4.33%	5.28%		-0.10%	0.76%	-0.11%	4.87%	4.78%	5.59%		6.05%		
Fund vs.Lifestyle Conservative Composite Benchmark			129	48	33		-6	-28	16	72	24	31		58		
BM: Morningstar Moderately Conservative Target Risk TR USD			6.54%	4.70%	4.95%		-0.07%	0.39%	-0.53%	4.68%	4.98%	5.23%		5.87%		
Fund vs.Morningstar Moderately Conservative Target Risk TR USD			109	11	66		-9	9	58	91	4	67		76		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%		-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%		2.10%		
Fund vs.Bloomberg Barclays U.S. Aggregate Bond Index			643	361	379		-4	64	167	599	330	363		453		
PG: Allocation--30% to 50% Equity M*star Category			5.40%	3.70%	4.65%		N/A	N/A	N/A	4.01%	4.17%	5.00%		N/A		
Fund vs. Allocation--30% to 50% Equity M*star Category			223	111	96		N/A	N/A	N/A	158	85	90		N/A		
PG: Fund % Rank in Allocation--30% to 50% Equity M*star Category			11%	15%	18%		N/A	N/A	N/A	16%	20%	17%		N/A		
PG: # of funds in Allocation--30% to 50% Equity M*star Category			511	423	354		N/A	N/A	N/A	517	425	358		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFESTYLE GROWTH FUND (TSOPX)^[11]	\$153.70	68	13.99%	7.83%	9.35%	N/A	-0.38%	1.16%	0.97%	11.05%	8.04%	9.48%	N/A	10.82%	12/9/2011	
Gross Expense Ratio		89														
BM: Lifestyle Growth Composite Benchmark			12.02%	7.59%	9.15%		-0.14%	1.51%	0.63%	10.00%	8.16%	9.41%		10.45%		
Fund vs.Lifestyle Growth Composite Benchmark			197	24	20		-24	-35	34	105	-12	7		37		
BM: Morningstar Moderately Aggressive Target Risk TR USD			12.00%	7.61%	8.42%		-0.23%	0.76%	-0.03%	9.33%	7.82%	8.60%		9.76%		
Fund vs.Morningstar Moderately Aggressive Target Risk TR USD			199	22	93		-15	40	100	172	22	88		106		
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		14.87%		
Fund vs.Russell 3000 Index			18	-239	-368		-103	-273	-225	-373	-354	-381		-405		
PG: Allocation--70% to 85% Equity M*star Category			9.75%	5.63%	7.74%		N/A	N/A	N/A	8.46%	6.38%	7.97%		N/A		
Fund vs. Allocation--70% to 85% Equity M*star Category			424	220	161		N/A	N/A	N/A	259	166	151		N/A		
PG: Fund % Rank in Allocation--70% to 85% Equity M*star Category			9%	9%	14%		N/A	N/A	N/A	15%	15%	18%		N/A		
PG: # of funds in Allocation--70% to 85% Equity M*star Category			351	318	276		N/A	N/A	N/A	344	313	274		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFESTYLE INCOME FUND (TSIPX)^[10]	\$70.80	58	4.43%	3.18%	3.57%	N/A	-0.05%	0.22%	-0.30%	2.91%	3.39%	3.92%	N/A	4.31%	12/9/2011	
Gross Expense Ratio		88														
BM: Lifestyle Income Composite Benchmark			3.46%	2.62%	3.21%		-0.07%	0.43%	-0.35%	2.40%	2.96%	3.51%		3.73%		
Fund vs.Lifestyle Income Composite Benchmark			97	56	36		2	-21	5	51	43	41		58		
BM: Morningstar Conservative Target Risk TR USD			4.02%	3.03%	2.93%		-0.04%	0.00%	-0.85%	2.33%	3.24%	3.24%		3.62%		
Fund vs.Morningstar Conservative Target Risk TR USD			41	15	64		-1	22	55	58	15	68		69		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%		-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%		2.10%		
Fund vs.Bloomberg Barclays U.S. Aggregate Bond Index			323	198	175		7	38	132	331	167	165		221		
PG: Allocation--15% to 30% Equity M*star Category			2.99%	2.52%	2.80%		N/A	N/A	N/A	1.84%	2.89%	3.30%		N/A		
Fund vs. Allocation--15% to 30% Equity M*star Category			144	66	77		N/A	N/A	N/A	107	50	62		N/A		
PG: Fund % Rank in Allocation--15% to 30% Equity M*star Category			19%	24%	36%		N/A	N/A	N/A	30%	38%	38%		N/A		
PG: # of funds in Allocation--15% to 30% Equity M*star Category			200	176	149		N/A	N/A	N/A	207	183	151		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	***	***		N/A		

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
PREMIER SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) [2]	Previous Quarter-End Returns				Current Month-End Returns					Since Inception to 06/30/18	Date Inc.		
			Avg. Annual Return				Avg. Annual Return								
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year			5 Year	10 Year
TIAA-CREF LIFESTYLE MODERATE FUND (TSMPX)[11]	\$335.20	65	10.85%	6.43%	7.68%	N/A	-0.27%	0.79%	0.36%	8.21%	6.68%	7.92%	N/A	8.97%	12/9/2011
Gross Expense Ratio		76													
BM: Lifestyle Moderate Composite Benchmark			9.27%	6.03%	7.34%		-0.13%	1.09%	0.10%	7.36%	6.59%	7.66%		8.37%	
Fund vs. Lifestyle Moderate Composite Benchmark			158	40	34		-14	-30	26	85	9	26		60	
BM: Morningstar Moderate Target Risk TR USD			9.09%	6.13%	6.69%		-0.15%	0.56%	-0.31%	6.92%	6.41%	6.92%		7.84%	
Fund vs. Morningstar Moderate Target Risk TR USD			176	30	99		-12	23	67	129	27	100		113	
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		14.87%	
Fund vs. Russell 3000 Index			-296	-379	-535		-92	-310	-286	-657	-490	-537		-590	
PG: Allocation-50% to 70% Equity Mstar Category			7.78%	4.89%	6.55%		N/A	N/A	N/A	6.58%	5.59%	6.85%		N/A	
Fund vs. Allocation-50% to 70% Equity Mstar Category			307	154	113		N/A	N/A	N/A	163	109	107		N/A	
PG: Fund % Rank in Allocation-50% to 70% Equity Mstar Category			11%	17%	28%		N/A	N/A	N/A	21%	25%	27%		N/A	
PG: # of funds in Allocation-50% to 70% Equity Mstar Category			777	680	628		N/A	N/A	N/A	766	674	617		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	

Money Market

TIAA-CREF MONEY MARKET FUND (TPPXX)[12,3,5,6]	\$1,028.50	29	0.80%	0.33%	0.20%	0.33%	0.13%	0.37%	0.65%	1.05%	0.45%	0.27%	0.30%	1.85%	7/1/1999
Gross Expense Ratio		29													9/30/2009
BM: iMoneyNet Money Fund Averages-TM-All Government			0.66%	0.27%	0.16%	0.19%	0.11%	0.33%	0.57%	0.89%	0.37%	0.23%	0.18%	1.50%	
Fund vs. iMoneyNet Money Fund Averages-TM-All Government			14	6	4	14	2	4	8	16	8	4	12	35	
7-Day Effective Yield as of 06/30/2018: 1.61%															
7-Day Current Yield as of 06/30/2018: 1.61%															

MUTUAL FUND TOTALS[11]

\$108,295.30

BM = Benchmark; PG = Peer Group; % Rank within Morningstar Category: 1 = Best 100 = Worst; Morningstar Category Returns are equal-weighted.

[1] Combined Mutual Funds' Net Assets exclude the Managed Allocation Fund, Lifecycle Funds, and Lifestyle Funds.

[2] The net expense ratio (top number) represents expenses after reimbursement and waivers, and is what participants actually pay. The number below represents the gross expense ratio, before consideration for reimbursements and/or waivers.

[3] The "Since Inception" benchmark performance shown is computed from August 1999.

[4] The "Since Inception" values presented are cumulative values and not average annualized total returns.

[5] The Premier Class began operations on September 30, 2009. Where a product lists two inception dates, the top date reflects the inception date of the product's oldest share class, and the bottom date represents the date of inception for the Share Class being reported. Performance shown for periods prior to the inception of the Premier Class reflects the performance of the Institutional Class, and has not been adjusted to reflect the expenses of the Premier Class.

[6] Beginning October 1, 2009, part or all of the 12b-1 distribution and investment management fees of the Premier Class of the TIAA-CREF Money Market Fund is being voluntarily waived. Without these waivers, the 7-day current and effective annualized yields and total returns would have been lower. These voluntary fee waivers may be discontinued at any time without notice.

[7] Effective January 1, 2016 the Fund's benchmark index changed from the Bloomberg Barclays U.S. TIPS Index to the Bloomberg Barclays 1-10 US Treasury Inflation Protected Securities Index.

[8] The S&P Target Date Indexes represent a broadly derived consensus of asset class exposure for the respective target retirement date based on market observations acquired through an annual survey of target date fund managers. The S&P Target Date Index returns include the fees and expenses of the exchange-traded funds that comprise each respective index. Previously, the Lifecycle Active and Index 2010, 2015 and Retirement Income Funds compared their performance to the Bloomberg Barclays U.S. Aggregate Bond Index instead of the S&P Target Date Indexes shown in the chart above. The returns of the S&P Target Date Indexes are more appropriate for comparison purposes because they reflect multi-asset class exposure for the same target date as the Fund.

[9] The S&P Target Date Indexes represent a broadly derived consensus of asset class exposure for the respective target retirement date based on market observations acquired through an annual survey of target date fund managers. The S&P Target Date Index returns include the fees and expenses of the exchange-traded funds that comprise each respective index. Previously, the Lifecycle Active and Index 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055 and 2060 Funds compared their performance to the Russell 3000 Index instead of the S&P Target Date Indexes shown in the chart above. The returns of the S&P Target Date Indexes are more appropriate for comparison purposes because they reflect multi-asset class exposure for the same target date as the Fund.

[10] The Morningstar Target Risk Indexes are asset allocation indexes comprised of constituent Morningstar indexes and reflect global equity market exposure of 20%, 40%, 60%, 80% or 95% based on an asset allocation methodology from Ibbotson Associates, a Morningstar company. The returns of the Morningstar Target Risk Indexes do not reflect a deduction for fees or expenses. Previously, the Lifestyle Conservative and Lifestyle Income Funds compared their performance to the Bloomberg Barclays U.S. Aggregate Bond Index instead of the Morningstar Target Risk Indexes shown in the chart above. The returns of the Morningstar Target Risk Indexes are more appropriate for comparison purposes because they reflect multi-asset class exposure and similar risk profiles.

[11] The Morningstar Target Risk Indexes are asset allocation indexes comprised of constituent Morningstar indexes and reflect global equity market exposure of 20%, 40%, 60%, 80% or 95% based on an asset allocation methodology from Ibbotson Associates, a Morningstar company. The returns of the Morningstar Target Risk Indexes do not reflect a deduction for fees or expenses. Previously, the Lifestyle Moderate, Growth and Aggressive, and the TIAA-CREF Managed Allocation Fund compared their performance to the Russell 3000 Index instead of the Morningstar Target Risk Indexes shown in the chart above. The returns of the Morningstar Target Risk Indexes are more appropriate for comparison purposes because they reflect multi-asset class exposure and similar risk profiles.

[12] Effective October 1, 2016, the iMoneyNet Money Fund Averages-All Taxable peer group was changed to the iMoneyNet Money Fund Averages-All Government.

Teachers Advisors, LLC ("Advisors"), the Funds' investment adviser has contractually agreed to reimburse the Funds for any Total Annual Fund Operating Expenses (excluding Acquired Fund Fees and Expenses and extraordinary expenses) that exceed 0.15% of average daily net assets for the Lifecycle and 0.19% for the Lifecycle Index Premier Class Funds. These expense reimbursement arrangements will continue through at least September 30, 2018 unless changed with approval of the Board of Trustees.

In addition to the expense reimbursement arrangement, Advisors has contractually agreed to waive a portion of the Fund's Management Fee equal to, on an annual basis of 0.10% for the all of the Lifecycle Funds. This waiver will remain in effect through September 30, 2018, unless changed with approval of the Board of Trustees.

The Morningstar category averages, percentile ranks and star ratings are sourced from the Morningstar Essentials files prepared for TIAA as well as from Morningstar Direct.

Under the Funds' expense reimbursement arrangements, the Funds' investment adviser, Teachers Advisors, LLC ("Advisors"), has contractually agreed to reimburse the Funds for any Total Annual Fund Operating Expenses (excluding Acquired Fund Fees and Expenses and extraordinary expenses) that exceed the following annual rates of average daily net assets: a) 0.67% for the Growth & Income Fund; 0.75% for the International Equity Fund; 1.10% for the Emerging Markets Equity Fund; 0.67% for the Large-Cap Growth Fund; 0.67% for the Large-Cap Value Fund; 0.70% for the Mid-Cap Growth Fund; 0.70% for the Mid-Cap Value Fund; 0.68% for the Small-Cap Equity Fund; 0.24% for the Equity Index Fund; 0.30% for the International Equity Index Fund; 0.40% for the Emerging Markets Equity Index Fund; 0.37% for the Social Choice Equity Fund; 0.90% for the Global Natural Resources Fund; 0.85% for the International Opportunities Fund; 0.80% for the Emerging Markets Debt Fund; b) 0.72% for the Real Estate Securities Fund; 0.50% for the Bond Fund; 0.50% for the Bond Plus Fund; 0.45% for the Short-Term Bond Fund; 0.45% for the Inflation-Linked Bond Fund; 0.55% for the High-Yield Fund; 0.28% for the Tax-Exempt Bond Fund; 0.28% for the Bond Index Fund; 0.30% for the Money Market Fund; 0.55% for the Social Choice Bond Fund; 0.27% for the Short-Term Bond Index Fund; 0.47% for the Social Choice Low Carbon Equity Fund; 0.55% for the Social Choice International Equity Index.

a) These expense reimbursement arrangements will continue through at least February 28, 2019 unless changed with approval of the Board of Trustees.

b) These expense reimbursement arrangements will continue through at least July 31, 2018 unless changed with approval of the Board of Trustees.

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
RETIREMENT SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mil.)	Exp. Ratio (bps) [2]	Previous Quarter-End Returns				Current Month-End Returns								
			Avg. Annual Return				Avg. Annual Return								
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	
04/01/17 to 03/31/18	04/01/15 to 03/31/18	04/01/13 to 03/31/18	04/01/08 to 03/31/18	06/01/18 to 06/30/18	04/01/18 to 06/30/18	01/01/18 to 06/30/18	07/01/17 to 06/30/18	07/01/15 to 06/30/18	07/01/13 to 06/30/18	07/01/08 to 06/30/18	06/30/18 to 06/30/18	Inc. Date			
U.S. Equities															
TIAA-CREF EQUITY INDEX FUND (TIQRX) ^[5]	\$18,152.20	30	13.48%	9.94%	12.72%	9.33%	0.64%	3.84%	3.06%	14.49%	11.28%	12.99%	9.94%	5.89%	7/1/1999
Gross Expense Ratio		30													3/31/2006
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	6.13%	
Fund vs. Russell 3000 Index			-33	-28	-31	-29	-1	-5	-16	-29	-30	-30	-29	-24	
PG: Large Blend M*star Category			12.82%	8.89%	11.72%	8.58%	N/A	N/A	N/A	12.58%	9.93%	11.73%	9.08%	N/A	
Fund vs. Large Blend M*star Category			66	105	100	75	N/A	N/A	N/A	191	135	126	86	N/A	
PG: Fund % Rank in Large Blend M*star Category			49%	37%	36%	29%	N/A	N/A	N/A	26%	32%	28%	29%	N/A	
PG: # of funds in Large Blend M*star Category			1401	1204	1077	802	N/A	N/A	N/A	1353	1166	1042	776	N/A	
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A	
TIAA-CREF GROWTH & INCOME FUND (TRGIX) ^[6,7]	\$6,863.70	66	16.51%	10.58%	13.52%	9.72%	0.49%	3.66%	4.21%	16.79%	11.35%	13.64%	10.25%	6.21%	7/1/1999
Gross Expense Ratio		66													10/1/2002
BM: S&P 500 Index			13.99%	10.78%	13.31%	9.49%	0.62%	3.43%	2.65%	14.37%	11.93%	13.42%	10.17%	5.64%	
Fund vs. S&P 500 Index			252	-20	21	23	-13	23	156	242	-58	22	8	57	
PG: Large Growth M*star Category			20.41%	10.64%	13.81%	9.87%	N/A	N/A	N/A	20.58%	12.21%	14.37%	10.23%	N/A	
Fund vs. Large Growth M*star Category			-390	-6	-29	-15	N/A	N/A	N/A	-379	-86	-73	2	N/A	
PG: Fund % Rank in Large Growth M*star Category			77%	54%	59%	56%	N/A	N/A	N/A	72%	65%	65%	52%	N/A	
PG: # of funds in Large Growth M*star Category			1376	1213	1099	779	N/A	N/A	N/A	1454	1265	1141	825	N/A	
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A	
TIAA-CREF LARGE-CAP GROWTH FUND (TILRX)	\$5,273.50	72	26.75%	12.81%	16.20%	10.77%	1.06%	6.94%	10.89%	27.22%	14.70%	17.25%	11.28%	10.06%	3/31/2006
Gross Expense Ratio		72													
BM: Russell 1000 Growth Index			21.25%	12.90%	15.53%	11.34%	0.96%	5.76%	7.25%	22.51%	14.98%	16.36%	11.83%	10.21%	
Fund vs. Russell 1000 Growth Index			550	-9	67	-57	10	118	364	471	-28	89	-55	-15	
PG: Large Growth M*star Category			20.41%	10.64%	13.81%	9.87%	N/A	N/A	N/A	20.58%	12.21%	14.37%	10.23%	N/A	
Fund vs. Large Growth M*star Category			634	217	239	90	N/A	N/A	N/A	664	249	288	105	N/A	
PG: Fund % Rank in Large Growth M*star Category			14%	23%	16%	33%	N/A	N/A	N/A	14%	23%	14%	31%	N/A	
PG: # of funds in Large Growth M*star Category			1376	1213	1099	779	N/A	N/A	N/A	1454	1265	1141	825	N/A	
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A	
TIAA-CREF LARGE-CAP GROWTH INDEX FUND (TRIRX)	\$5,967.10	31	20.88%	12.55%	15.17%	11.01%	0.94%	5.67%	7.09%	22.14%	14.60%	15.98%	11.49%	10.47%	10/1/2002
Gross Expense Ratio		31													
BM: Russell 1000 Growth Index			21.25%	12.90%	15.53%	11.34%	0.96%	5.76%	7.25%	22.51%	14.98%	16.36%	11.83%	10.87%	
Fund vs. Russell 1000 Growth Index			-39	-35	-36	-33	-2	-9	-16	-37	-38	-38	-34	-40	
PG: Large Growth M*star Category			20.41%	10.64%	13.81%	9.87%	N/A	N/A	N/A	20.58%	12.21%	14.37%	10.23%	N/A	
Fund vs. Large Growth M*star Category			45	191	136	114	N/A	N/A	N/A	156	239	161	126	N/A	
PG: Fund % Rank in Large Growth M*star Category			45%	26%	30%	28%	N/A	N/A	N/A	40%	24%	30%	26%	N/A	
PG: # of funds in Large Growth M*star Category			1376	1213	1099	779	N/A	N/A	N/A	1454	1265	1141	825	N/A	
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A	
TIAA-CREF LARGE-CAP VALUE FUND (TRLCX)	\$6,685.40	65	5.34%	6.65%	9.87%	7.58%	0.16%	1.41%	-1.32%	6.77%	7.24%	9.43%	8.39%	9.30%	10/1/2002
Gross Expense Ratio		65													
BM: Russell 1000 Value Index			6.95%	7.88%	10.78%	7.78%	0.25%	1.18%	-1.69%	6.77%	8.26%	10.34%	8.49%	9.33%	
Fund vs. Russell 1000 Value Index			-161	-123	-91	-20	-9	23	37	0	-102	-91	-10	-3	
PG: Large Value M*star Category			9.07%	7.65%	10.32%	7.66%	N/A	N/A	N/A	9.04%	8.35%	9.94%	8.30%	N/A	
Fund vs. Large Value M*star Category			-373	-100	-45	-8	N/A	N/A	N/A	-227	-111	-51	9	N/A	
PG: Fund % Rank in Large Value M*star Category			88%	74%	68%	53%	N/A	N/A	N/A	74%	74%	69%	48%	N/A	
PG: # of funds in Large Value M*star Category			1263	1086	958	687	N/A	N/A	N/A	1273	1099	951	686	N/A	
Fund Star Rating			N/A	**	**	***	N/A	N/A	N/A	N/A	**	**	***	N/A	
TIAA-CREF LARGE-CAP VALUE INDEX FUND (TRCVX)	\$6,283.80	30	6.57%	7.54%	10.44%	7.45%	0.20%	1.09%	-1.86%	6.38%	7.93%	10.00%	8.16%	8.95%	10/1/2002
Gross Expense Ratio		30													
BM: Russell 1000 Value Index			6.95%	7.88%	10.78%	7.78%	0.25%	1.18%	-1.69%	6.77%	8.26%	10.34%	8.49%	9.33%	
Fund vs. Russell 1000 Value Index			-38	-34	-34	-33	-5	-9	-17	-39	-33	-34	-33	-38	
PG: Large Value M*star Category			9.07%	7.65%	10.32%	7.66%	N/A	N/A	N/A	9.04%	8.35%	9.94%	8.30%	N/A	
Fund vs. Large Value M*star Category			-250	-11	12	-21	N/A	N/A	N/A	-266	-42	6	-14	N/A	
PG: Fund % Rank in Large Value M*star Category			79%	56%	51%	58%	N/A	N/A	N/A	79%	60%	53%	56%	N/A	
PG: # of funds in Large Value M*star Category			1263	1086	958	687	N/A	N/A	N/A	1273	1099	951	686	N/A	
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A	
TIAA-CREF MID-CAP GROWTH FUND (TRGMX)	\$1,555.80	72	18.39%	6.92%	11.26%	9.13%	-0.13%	3.41%	5.20%	17.39%	8.39%	11.20%	8.97%	11.41%	10/1/2002
Gross Expense Ratio		72													
BM: Russell Mid Cap Growth Index			19.74%	9.17%	13.31%	10.61%	0.39%	3.16%	5.40%	18.52%	10.73%	13.37%	10.45%	12.20%	
Fund vs. Russell Mid Cap Growth Index			-135	-225	-205	-148	-52	25	-20	-113	-234	-217	-148	-79	
PG: Mid-Cap Growth M*star Category			18.34%	8.28%	11.94%	9.39%	N/A	N/A	N/A	18.06%	9.68%	12.31%	9.45%	N/A	
Fund vs. Mid-Cap Growth M*star Category			5	-136	-68	-26	N/A	N/A	N/A	-67	-129	-111	-48	N/A	
PG: Fund % Rank in Mid-Cap Growth M*star Category			48%	70%	65%	59%	N/A	N/A	N/A	51%	70%	76%	64%	N/A	
PG: # of funds in Mid-Cap Growth M*star Category			613	549	485	352	N/A	N/A	N/A	607	541	480	344	N/A	
Fund Star Rating			N/A	**	***	***	N/A	N/A	N/A	N/A	**	**	***	N/A	
TIAA-CREF MID-CAP VALUE FUND (TRVRX)	\$3,894.70	66	5.99%	5.61%	9.88%	8.21%	0.09%	1.87%	0.64%	7.24%	6.86%	9.84%	8.46%	11.41%	10/1/2002
Gross Expense Ratio		66													
BM: Russell Mid Cap Value Index			6.50%	7.23%	11.11%	9.81%	0.81%	2.41%	-0.16%	7.60%	8.80%	11.27%	10.06%	11.65%	
Fund vs. Russell Mid Cap Value Index			-51	-162	-123	-160	-72	-54	80	-36	-194	-143	-160	-24	
PG: Mid-Cap Value M*star Category			7.30%	6.75%	10.06%	8.87%	N/A	N/A	N/A	8.86%	7.99%	10.12%	9.16%	N/A	
Fund vs. Mid-Cap Value M*star Category			-131	-114	-18	-66	N/A	N/A	N/A	-162	-113	-28	-70	N/A	
PG: Fund % Rank in Mid-Cap Value M*star Category			65%	71%	66%	69%	N/A	N/A	N/A	67%	71%	65%	63%	N/A	
PG: # of funds in Mid-Cap Value M*star Category			407	361	309	225	N/A	N/A	N/A	409	365	307	221	N/A	
Fund Star Rating			N/A	**	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A	
TIAA-CREF REAL ESTATE SECURITIES FUND (TRRSX)	\$2,080.90	76	3.12%	3.07%	7.37%	6.50%	3.70%	7.31%	1.47%	6.70%	9.01%	9.14%	7.87%	10.25%	10/1/2002
Gross Expense Ratio		76													
BM: FTSE Nareit All Equity REITs Index			-1.09%	2.90%	6.66%	6.88%	4.18%	8.50%	1.27%	4.93%	9.14%	8.88%	8.30%	10.71%	
Fund vs. FTSE Nareit All Equity REITs Index			4291	17	71	-68	-48	-119	20	177	-13	26	-43	-46	
PG: Real Estate M*star Category			-2.30%	1.26%	5.55%	5.88%	N/A	N/A	N/A	3.39%	7.22%	7.70%	7.27%	N/A	
Fund vs. Real Estate M*star Category			542	181	182	62	N/A	N/A	N/A	331	179	144	60	N/A	
PG: Fund % Rank in Real Estate M*star Category			6%	12%	4%	31%	N/A	N/A	N/A	7%	9%	9%	31%	N/A	
PG: # of funds in Real Estate M*star Category			261	228	198	143	N/A	N/A	N/A	259	230	199	143	N/A	
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A	

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
RETIREMENT SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mil.)	Exp. Ratio (bps) ^[2]	Previous Quarter-End Returns				Current Month-End Returns								Since Inception to 06/30/18	Inc. Date
			Avg. Annual Return				Avg. Annual Return									
			1 Year to 04/01/17	3 Year to 04/01/15	5 Year to 04/01/13	10 Year to 04/01/08	1 Month to 06/30/18	3 Month to 06/30/18	YTD to 06/30/18	1 Year to 07/01/17	3 Year to 07/01/15	5 Year to 07/01/13	10 Year to 07/01/08			
TIAA-CREF S&P 500 INDEX FUND (TRSPX)	\$4,839.90	31	13.62%	10.44%	12.95%	9.16%	0.60%	3.36%	2.48%	14.00%	11.58%	13.06%	9.83%	9.53%	10/1/2002	
Gross Expense Ratio		31														
BM: S&P 500 Index			13.99%	10.78%	13.31%	9.49%	0.62%	3.43%	2.65%	14.37%	11.93%	13.42%	10.17%	9.90%		
Fund vs. S&P 500 Index			-37	-34	-36	-33	-2	-7	-17	-37	-35	-36	-34	-37		
PG: Large Blend M*star Category			12.82%	8.89%	11.72%	8.58%	N/A	N/A	N/A	12.58%	9.93%	11.73%	9.08%	N/A		
Fund vs. Large Blend M*star Category			80	155	123	58	N/A	N/A	N/A	142	165	133	75	N/A		
PG: Fund % Rank in Large Blend M*star Category			46%	21%	26%	36%	N/A	N/A	N/A	37%	21%	25%	34%	N/A		
PG: # of funds in Large Blend M*star Category			1401	1204	1077	802	N/A	N/A	N/A	1353	1166	1042	776	N/A		
Fund Star Rating			N/A	****	****	***	N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF SMALL-CAP BLEND INDEX FUND (TRBIX)	\$2,746.70	31	11.73%	8.36%	11.43%	9.71%	0.70%	7.72%	7.62%	17.46%	10.91%	12.42%	10.46%	11.22%	10/1/2002	
Gross Expense Ratio		31														
BM: Russell 2000 Index			11.79%	8.39%	11.47%	9.84%	0.72%	7.75%	7.66%	17.57%	10.96%	12.46%	10.60%	11.44%		
Fund vs. Russell 2000 Index			-6	-3	-4	-13	-2	-3	-4	-11	-5	-4	-14	-22		
PG: Small Blend M*star Category			9.68%	7.21%	10.29%	9.15%	N/A	N/A	N/A	14.67%	9.41%	11.02%	9.73%	N/A		
Fund vs. Small Blend M*star Category			205	115	114	56	N/A	N/A	N/A	279	150	140	73	N/A		
PG: Fund % Rank in Small Blend M*star Category			28%	31%	32%	40%	N/A	N/A	N/A	24%	28%	25%	36%	N/A		
PG: # of funds in Small Blend M*star Category			781	627	542	400	N/A	N/A	N/A	775	639	539	393	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	****	****	***	N/A		
TIAA-CREF SMALL-CAP EQUITY FUND (TRSEX)	\$3,748.00	66	10.57%	9.00%	12.58%	10.11%	-0.10%	5.24%	4.51%	14.83%	10.73%	12.86%	10.48%	11.16%	10/1/2002	
Gross Expense Ratio		66														
BM: Russell 2000 Index			11.79%	8.39%	11.47%	9.84%	0.72%	7.75%	7.66%	17.57%	10.96%	12.46%	10.60%	11.44%		
Fund vs. Russell 2000 Index			-122	61	111	27	-82	-251	-315	-274	-23	40	-12	-28		
PG: Small Growth M*star Category			18.07%	8.77%	11.88%	10.28%	N/A	N/A	N/A	22.70%	11.04%	12.76%	10.85%	N/A		
Fund vs. Small Growth M*star Category			-750	23	70	-17	N/A	N/A	N/A	-787	-31	10	-37	N/A		
PG: Fund % Rank in Small Growth M*star Category			90%	47%	39%	53%	N/A	N/A	N/A	88%	54%	49%	57%	N/A		
PG: # of funds in Small Growth M*star Category			684	592	531	402	N/A	N/A	N/A	701	606	534	404	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A		
TIAA-CREF SMALL/MID-CAP EQUITY (TSMOX)	\$721.00	75	14.84%	N/A	N/A	N/A	0.46%	7.15%	7.15%	20.79%	N/A	N/A	N/A	18.25%	8/5/2016	
Gross Expense Ratio		75														
BM: Russell 2500 Index			12.31%				0.72%	5.71%	5.46%	16.24%				15.69%		
Fund vs. Russell 2500 Index			253				-26	144	169	455				256		
PG: Small Blend M*star Category			9.68%				N/A	N/A	N/A	14.67%				N/A		
Fund vs. Small Blend M*star Category			516				N/A	N/A	N/A	612				N/A		
PG: Fund % Rank in Small Blend M*star Category			7%				N/A	N/A	N/A	5%				N/A		
PG: # of funds in Small Blend M*star Category			781				N/A	N/A	N/A	775				N/A		
Fund Star Rating			N/A				N/A	N/A	N/A	N/A				N/A		
TIAA-CREF SOCIAL CHOICE EQUITY FUND (TRSCX)^[6]	\$3,468.60	43	14.58%	9.60%	11.77%	9.07%	0.55%	2.68%	2.41%	13.39%	11.05%	11.79%	9.49%	5.57%	7/1/1999	
Gross Expense Ratio		43													10/1/2002	
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	6.13%		
Fund vs. Russell 3000 Index			77	-62	-126	-55	-10	-121	-81	-139	-53	-150	-74	-56		
PG: Large Blend M*star Category			12.82%	8.89%	11.72%	8.58%	N/A	N/A	N/A	12.58%	9.93%	11.73%	9.08%	N/A		
Fund vs. Large Blend M*star Category			176	71	5	49	N/A	N/A	N/A	81	112	6	41	N/A		
PG: Fund % Rank in Large Blend M*star Category			25%	43%	61%	39%	N/A	N/A	N/A	49%	38%	61%	44%	N/A		
PG: # of funds in Large Blend M*star Category			1401	1204	1077	802	N/A	N/A	N/A	1353	1166	1042	776	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A		
TIAA-CREF SOCIAL CHOICE LOW CARBON EQUITY FUND (TEWCX)	\$110.80	57	13.90%	N/A	N/A	N/A	0.23%	2.38%	1.98%	12.43%	N/A	N/A	N/A	11.16%	8/7/2015	
Gross Expense Ratio		87														
BM: Russell 3000 Index			13.81%				0.65%	3.89%	3.22%	14.78%				11.88%		
Fund vs. Russell 3000 Index			9				-42	-151	-124	-235				-72		
PG: Large Blend M*star Category			12.82%				N/A	N/A	N/A	12.58%				N/A		
Fund vs. Large Blend M*star Category			108				N/A	N/A	N/A	-15				N/A		
PG: Fund % Rank in Large Blend M*star Category			37%				N/A	N/A	N/A	60%				N/A		
PG: # of funds in Large Blend M*star Category			1401				N/A	N/A	N/A	1353				N/A		
Fund Star Rating			N/A				N/A	N/A	N/A	N/A				N/A		
International Equities																
TIAA-CREF EMERGING MARKETS EQUITY FUND (TEMSX)	\$1,428.50	117	27.80%	10.06%	4.33%	N/A	-4.17%	-10.59%	-8.38%	7.69%	5.82%	3.96%	N/A	2.93%	8/31/2010	
Gross Expense Ratio		117														
BM: MS Emerging Market			24.93%	8.81%	4.99%		-4.15%	-7.96%	-6.66%	8.20%	5.60%	5.01%		3.69%		
Fund vs. MS Emerging Market			287	125	-66		-2	-283	-172	-51	22	-105		-76		
PG: Diversified Emerging Mkts M*star Category			22.90%	8.23%	4.45%		N/A	N/A	N/A	6.09%	4.76%	4.05%		N/A		
Fund vs. Diversified Emerging Mkts M*star Category			490	183	-12		N/A	N/A	N/A	160	106	-9		N/A		
PG: Fund % Rank in Diversified Emerging Mkts M*star Category			21%	28%	58%		N/A	N/A	N/A	37%	37%	62%		N/A		
PG: # of funds in Diversified Emerging Mkts M*star Category			815	666	474		N/A	N/A	N/A	823	688	489		N/A		
Fund Star Rating			N/A	****	***		N/A	N/A	N/A	N/A	***	***		N/A		
TIAA-CREF EMERGING MARKETS EQUITY INDEX FUND (TEQSX)	\$2,576.10	46	25.18%	8.84%	4.82%	N/A	-4.30%	-8.99%	-6.86%	7.35%	5.23%	4.68%	N/A	3.04%	8/31/2010	
Gross Expense Ratio		46														
BM: MS Emerging Market			24.93%	8.81%	4.99%		-4.15%	-7.96%	-6.66%	8.20%	5.60%	5.01%		3.69%		
Fund vs. MS Emerging Market			25	3	-17		-15	-103	-20	-85	-37	-33		-65		
PG: Diversified Emerging Mkts M*star Category			22.90%	8.23%	4.45%		N/A	N/A	N/A	6.09%	4.76%	4.05%		N/A		
Fund vs. Diversified Emerging Mkts M*star Category			228	61	37		N/A	N/A	N/A	126	47	63		N/A		
PG: Fund % Rank in Diversified Emerging Mkts M*star Category			38%	45%	47%		N/A	N/A	N/A	42%	47%	42%		N/A		
PG: # of funds in Diversified Emerging Mkts M*star Category			815	666	474		N/A	N/A	N/A	823	688	489		N/A		
Fund Star Rating			N/A	***	***		N/A	N/A	N/A	N/A	***	***		N/A		

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
RETIREMENT SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) [2]	Previous Quarter-End Returns				Current Month-End Returns							Since Inception	Date
			Avg. Annual Return				Avg. Annual Return								
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year		
			04/01/17	04/01/15	04/01/13	04/01/08	06/01/18	04/01/18	01/01/18	07/01/17	07/01/15	07/01/13	07/01/08		
			to	to	to	to	to	to	to	to	to	to			
			03/31/18	03/31/18	03/31/18	03/31/18	06/30/18	06/30/18	06/30/18	06/30/18	06/30/18	06/30/18	06/30/18		
			19.92%	6.42%	7.56%	2.88%	-2.74%	-3.53%	-4.79%	6.49%	4.56%	6.54%	3.24%	4.86%	7/1/1999
TIAA-CREF INTERNATIONAL EQUITY FUND (TRERX)^[5]	\$4,853.20	74													
Gross Expense Ratio		74													10/1/2002
BM: Morgan Stanley EAFE Index			14.80%	5.55%	6.50%	2.74%	-1.22%	-1.24%	-2.75%	6.84%	4.90%	6.44%	2.84%	4.17%	
Fund vs. Morgan Stanley EAFE Index			512	87	106	14	-152	-229	-204	-35	-34	10	40	69	
PG: Foreign Large Blend M*star Category			20.06%	7.35%	7.62%	3.90%	N/A	N/A	N/A	6.08%	4.56%	5.92%	2.61%	N/A	
Fund vs. Foreign Large Blend M*star Category			-14	-93	-6	-102	N/A	N/A	N/A	41	0	62	63	N/A	
PG: Fund % Rank in Foreign Large Blend M*star Category			45%	61%	42%	83%	N/A	N/A	N/A	48%	55%	30%	28%	N/A	
PG: # of funds in Foreign Large Blend M*star Category			409	339	293	211	N/A	N/A	N/A	774	623	533	371	N/A	
Fund Star Rating			N/A	**	***	*	N/A	N/A	N/A	N/A	***	***	***	N/A	
TIAA-CREF INTERNATIONAL EQUITY INDEX FUND (TRIEX)	\$12,162.90	31													
Gross Expense Ratio		31													
BM: Morgan Stanley EAFE Index			14.80%	5.55%	6.50%	2.74%	-1.22%	-1.24%	-2.75%	6.84%	4.90%	6.44%	2.84%	7.94%	
Fund vs. Morgan Stanley EAFE Index			50	11	-6	-3	-11	-57	13	-64	-23	-18	-8	-26	
PG: Foreign Large Blend M*star Category			15.20%	5.75%	6.21%	2.64%	N/A	N/A	N/A	6.08%	4.56%	5.92%	2.61%	N/A	
Fund vs. Foreign Large Blend M*star Category			-10	-9	23	7	N/A	N/A	N/A	12	11	34	15	N/A	
PG: Fund % Rank in Foreign Large Blend M*star Category			56%	54%	45%	46%	N/A	N/A	N/A	55%	51%	44%	44%	N/A	
PG: # of funds in Foreign Large Blend M*star Category			768	605	536	355	N/A	N/A	N/A	774	623	533	371	N/A	
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A	
TIAA-CREF INTERNATIONAL OPPORTUNITIES FUND (TIOTX)	\$1,542.20	88													
Gross Expense Ratio		88													
BM: MSCI AC World Index ex USA			16.53%	6.18%			-1.88%	-2.61%	-3.77%	7.28%	5.07%	5.99%		4.85%	
Fund vs. MSCI AC World Index ex USA			887	273			48	209	429	803	211	165		179	
PG: Foreign Large Growth M*star Category			20.06%	7.35%			N/A	N/A	N/A	10.53%	6.62%	7.72%		N/A	
Fund vs. Foreign Large Growth M*star Category			534	156			N/A	N/A	N/A	478	56	-8		N/A	
PG: Fund % Rank in Foreign Large Growth M*star Category			18%	21%			N/A	N/A	N/A	14%	36%	42%		N/A	
PG: # of funds in Foreign Large Growth M*star Category			409	339			N/A	N/A	N/A	423	344	304		N/A	
Fund Star Rating			N/A	****			N/A	N/A	N/A	N/A	***	***		N/A	
TIAA-CREF INTERNATIONAL SMALL-CAP EQUITY FUND (TTISX)	\$956.60	101													
Gross Expense Ratio		104													
BM: MSCI ACWI ex-US Small Cap Index			20.60%				-2.73%	-2.60%	-2.94%	10.57%				17.51%	
Fund vs. MSCI ACWI ex-US Small Cap Index			81				-100	-315	-417	-467				-280	
PG: Foreign Small/Mid Value M*star Category			20.74%				N/A	N/A	N/A	6.93%				N/A	
Fund vs. Foreign Small/Mid Value M*star Category			67				N/A	N/A	N/A	-103				N/A	
PG: Fund % Rank in Foreign Small/Mid Value M*star Category			45%				N/A	N/A	N/A	72%				N/A	
PG: # of funds in Foreign Small/Mid Value M*star Category			113				N/A	N/A	N/A	64				N/A	
Fund Star Rating			N/A				N/A	N/A	N/A	N/A				N/A	
TIAA-CREF SOCIAL CHOICE INTERNATIONAL EQUITY FUND (TSOEX)	\$52.50	65													
Gross Expense Ratio		145													
BM: Morgan Stanley EAFE Index			14.80%				-1.22%	-1.24%	-2.75%	6.84%				4.53%	
Fund vs. Morgan Stanley EAFE Index			-45				-6	-120	-48	-167				-10	
PG: Foreign Large Blend M*star Category			15.20%				N/A	N/A	N/A	6.08%				N/A	
Fund vs. Foreign Large Blend M*star Category			-85				N/A	N/A	N/A	-91				N/A	
PG: Fund % Rank in Foreign Large Blend M*star Category			69%				N/A	N/A	N/A	69%				N/A	
PG: # of funds in Foreign Large Blend M*star Category			768				N/A	N/A	N/A	774				N/A	
Fund Star Rating			N/A				N/A	N/A	N/A	N/A				N/A	
Fixed Income															
TIAA-CREF BOND FUND (TIDRX)^[5]	\$4,722.30	56													
Gross Expense Ratio		56													3/31/2006
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%	3.63%	-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%	3.72%	4.79%	
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			29	58	44	21	-3	-19	-13	-4	48	52	21	1	
PG: Intermediate-Term Bond M*star Category			1.31%	1.27%	1.73%	3.80%	N/A	N/A	N/A	-0.36%	1.68%	2.20%	3.89%	N/A	
Fund vs. Intermediate-Term Bond M*star Category			18	51	53	4	N/A	N/A	N/A	-8	52	59	4	N/A	
PG: Fund % Rank in Intermediate-Term Bond M*star Category			37%	21%	21%	53%	N/A	N/A	N/A	44%	20%	18%	53%	N/A	
PG: # of funds in Intermediate-Term Bond M*star Category			999	858	784	561	N/A	N/A	N/A	999	878	778	563	N/A	
Fund Star Rating			N/A	****	****	***	N/A	N/A	N/A	N/A	****	****	***	N/A	
TIAA-CREF BOND INDEX FUND (TBIRX)	\$10,172.10	37													
Gross Expense Ratio		37													
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%	3.63%	-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%	3.72%	4.10%	
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			-47	-44	-40		13	-9	-27	-49	-41	-39		-46	
PG: Intermediate-Term Bond M*star Category			1.31%	1.27%	1.73%	3.80%	N/A	N/A	N/A	-0.36%	1.68%	2.20%		N/A	
Fund vs. Intermediate-Term Bond M*star Category			-58	-51	-31		N/A	N/A	N/A	-53	-37	-32		N/A	
PG: Fund % Rank in Intermediate-Term Bond M*star Category			75%	79%	71%		N/A	N/A	N/A	74%	72%	71%		N/A	
PG: # of funds in Intermediate-Term Bond M*star Category			999	858	784		N/A	N/A	N/A	999	878	778		N/A	
Fund Star Rating			N/A	**	**		N/A	N/A	N/A	N/A	**	**		N/A	
TIAA-CREF BOND PLUS FUND (TCBRX)	\$4,078.80	56													
Gross Expense Ratio		56													3/31/2006
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%	3.63%	-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%	3.72%	4.10%	
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			72	80	61	58	8	-14	15	37	63	65	57	9	
PG: Intermediate-Term Bond M*star Category			1.31%	1.27%	1.73%	3.80%	N/A	N/A	N/A	-0.36%	1.68%	2.20%	3.89%	N/A	
Fund vs. Intermediate-Term Bond M*star Category			61	73	70	41	N/A	N/A	N/A	33	67	72	40	N/A	
PG: Fund % Rank in Intermediate-Term Bond M*star Category			22%	13%	14%	33%	N/A	N/A	N/A	26%	14%	14%	33%	N/A	
PG: # of funds in Intermediate-Term Bond M*star Category			999	858	784	561	N/A	N/A	N/A	999	878	778	563	N/A	
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A	
TIAA-CREF EMERGING MARKETS DEBT FUND (TEDTX)	\$374.40	90													
Gross Expense Ratio		90													9/26/2014
BM: J.P. Morgan Emerging Markets Bond Index (EMBI) Global Diversified			4.30%	5.78%			-1.19%	-3.54%	-5.23%	-1.60%	4.63%			3.81%	
Fund vs. J.P. Morgan Emerging Markets Bond Index (EMBI) Global Diversified			314	133			-83	-190	-81	45	62			-16	
PG: Emerging Markets Bond M*star Category			5.49%	5.61%			N/A	N/A	N/A	-1.77%	3.60%			N/A	
Fund vs. Emerging Markets Bond M*star Category			195	150			N/A	N/A	N/A	62	165			N/A	
PG: Fund % Rank in Emerging Markets Bond M*star Category			28%	23%			N/A	N/A	N/A	32%	14%			N/A	
PG: # of funds in Emerging Markets Bond M*star Category			288	219			N/A	N/A	N/A	288	221			N/A	
Fund Star Rating			N/A	****			N/A	N/A	N/A	N/A	****			N/A	

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
RETIREMENT SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mil.)	Exp. Ratio (bps) ^[2]	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Return				Avg. Annual Return									
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inc.	
			04/01/17 to 03/31/18	04/01/15 to 03/31/18	04/01/13 to 03/31/18	04/01/08 to 03/31/18	06/01/18 to 06/30/18	04/01/18 to 06/30/18	01/01/18 to 06/30/18	07/01/17 to 06/30/18	07/01/15 to 06/30/18	07/01/13 to 06/30/18	07/01/08 to 06/30/18	06/30/18	Date	
TIAA-CREF HIGH YIELD FUND (TIHRX)^[6]	\$4,028.40	61	2.47%	4.19%	4.22%	7.30%	0.46%	1.06%	-0.05%	1.99%	4.59%	4.83%	7.26%	6.60%	3/31/2006	
Gross Expense Ratio		61														
BM: ICE BofA ML BB-B Cash Pay Issuer Constrained Index (New)			3.43%	4.74%	4.85%	7.45%	0.23%	0.65%	-0.46%	1.86%	4.96%	5.32%	7.35%	6.76%		
Fund vs. ICE BofA ML BB-B Cash Pay Issuer Constrained Index (New)			-96	-55	-63	-15	23	41	41	13	-37	-49	-9	-16		
PG: High Yield Bond M*star Category			3.20%	3.88%	-0.22%	6.66%	N/A	N/A	N/A	2.23%	4.20%	4.36%	6.51%	N/A		
Fund vs. High Yield Bond M*star Category			-73	31	40	64	N/A	N/A	N/A	-24	39	47	75	N/A		
PG: Fund % Rank in High Yield Bond M*star Category			81%	44%	41%	29%	N/A	N/A	N/A	52%	34%	30%	24%	N/A		
PG: # of funds in High Yield Bond M*star Category			684	588	488	319	N/A	N/A	N/A	680	575	484	321	N/A		
Fund Star Rating			N/A	***	***	****	N/A	N/A	N/A	N/A	***	****	****	N/A		
TIAA-CREF INFLATION-LINKED BOND FUND (TIKRX)^[5,9]	\$2,990.50	52	-0.03%	0.34%	-0.68%	2.22%	0.35%	0.53%	-0.09%	1.10%	1.01%	0.90%	2.32%	3.73%	10/1/2002	
Gross Expense Ratio		52													3/31/2006	
BM: Bloomberg Barclays US TIPS 1-10 Year Index			0.43%	1.24%	-0.06%	2.22%	0.28%	0.61%	0.21%	1.45%	1.50%	1.21%	2.26%	3.68%		
Fund vs. Bloomberg Barclays US TIPS 1-10 Year Index			-46	-90	-62	0	7	-8	-30	-49	-31	6	5			
PG: Inflation-Protected Bond M*star Category			3.20%	1.03%	-0.22%	2.41%	N/A	N/A	N/A	1.94%	1.63%	1.25%	2.53%	N/A		
Fund vs. Inflation-Protected Bond M*star Category			-80	-69	-46	-19	N/A	N/A	N/A	-84	-62	-35	-21	N/A		
PG: Fund % Rank in Inflation-Protected Bond M*star Category			86%	92%	87%	67%	N/A	N/A	N/A	86%	80%	68%	68%	N/A		
PG: # of funds in Inflation-Protected Bond M*star Category			232	207	174	110	N/A	N/A	N/A	238	211	177	112	N/A		
Fund Star Rating			N/A	-	**	***	N/A	N/A	N/A	N/A	**	**	***	N/A		
TIAA-CREF INTERNATIONAL BOND FUND (TIBVX)	\$260.40	90	4.63%	N/A	N/A	N/A	-0.10%	-1.40%	-0.61%	1.88%	N/A	N/A	N/A	0.78%	8/5/2016	
Gross Expense Ratio		95														
BM: Bloomberg Barclays Global Aggregate ex-USD Index (Hedged)			3.38%				0.43%	0.48%	1.42%	3.27%				1.16%		
Fund vs. Bloomberg Barclays Global Aggregate ex-USD Index (Hedged)			125				-53	-188	-203	-139				-38		
PG: World Bond M*star Category			5.85%				N/A	N/A	N/A	0.64%				N/A		
Fund vs. World Bond M*star Category			-122				N/A	N/A	N/A	124				N/A		
PG: Fund % Rank in World Bond M*star Category			58%				N/A	N/A	N/A	24%				N/A		
PG: # of funds in World Bond M*star Category			301				N/A	N/A	N/A	300				N/A		
Fund Star Rating			N/A				N/A	N/A	N/A	N/A				N/A		
TIAA-CREF SHORT-TERM BOND FUND (TISRXX)	\$1,810.10	52	0.89%	1.14%	0.93%	2.12%	-0.01%	0.15%	0.06%	0.65%	1.20%	1.20%	2.20%	2.60%	3/31/2006	
Gross Expense Ratio		52														
BM: Bloomberg Barclays US 1-3 Yr Govt Credit Index			0.24%	0.66%	0.76%	1.56%	0.01%	0.28%	0.08%	0.21%	0.71%	0.84%	1.65%	2.38%		
Fund vs. Bloomberg Barclays US 1-3 Yr Govt Credit Index			65	48	17	56	-2	-13	-2	44	49	36	55	22		
PG: Short-Term Bond M*star Category			0.73%	1.07%	1.00%	2.18%	N/A	N/A	N/A	0.44%	1.18%	1.27%	2.29%	N/A		
Fund vs. Short-Term Bond M*star Category			16	7	-7	-6	N/A	N/A	N/A	21	2	-7	-9	N/A		
PG: Fund % Rank in Short-Term Bond M*star Category			33%	39%	52%	53%	N/A	N/A	N/A	29%	42%	51%	52%	N/A		
PG: # of funds in Short-Term Bond M*star Category			509	455	393	255	N/A	N/A	N/A	513	447	378	250	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A		
TIAA-CREF SHORT-TERM BOND INDEX FUND (TESHX)	\$387.60	37	-0.14%	N/A	N/A	N/A	0.04%	0.21%	-0.05%	-0.18%	N/A	N/A	N/A	0.32%	8/7/2015	
Gross Expense Ratio		50														
BM: Bloomberg Barclays US 1-3 Yr Govt Credit Index			0.24%				0.01%	0.28%	0.08%	0.21%				0.75%		
Fund vs. Bloomberg Barclays US 1-3 Yr Govt Credit Index			-38				3	-7	-13	-39				-43		
PG: Short-Term Bond M*star Category			0.73%				N/A	N/A	N/A	0.44%				N/A		
Fund vs. Short-Term Bond M*star Category			-87				N/A	N/A	N/A	-62				N/A		
PG: Fund % Rank in Short-Term Bond M*star Category			90%				N/A	N/A	N/A	19%				N/A		
PG: # of funds in Short-Term Bond M*star Category			509				N/A	N/A	N/A	513				N/A		
Fund Star Rating			N/A				N/A	N/A	N/A	N/A				N/A		
TIAA-CREF SOCIAL CHOICE BOND FUND (TSBBX)	\$2,315.60	65	1.79%	1.59%	2.72%	N/A	-0.08%	-0.14%	-1.28%	0.18%	2.16%	3.24%	N/A	2.55%	9/21/2012	
Gross Expense Ratio		65														
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%		-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%		1.63%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			59	39	90		4	2	34	58	44	97		92		
PG: Intermediate-Term Bond M*star Category			1.31%	1.27%	1.73%		N/A	N/A	N/A	-0.36%	1.68%	2.20%		N/A		
Fund vs. Intermediate-Term Bond M*star Category			48	32	99		N/A	N/A	N/A	54	48	104		N/A		
PG: Fund % Rank in Intermediate-Term Bond M*star Category			26%	30%	7%		N/A	N/A	N/A	19%	25%	5%		N/A		
PG: # of funds in Intermediate-Term Bond M*star Category			999	858	784		N/A	N/A	N/A	999	878	778		N/A		
Fund Star Rating			N/A	****	*****		N/A	N/A	N/A	N/A	****	*****		N/A		
Multi-Asset																
TIAA-CREF LIFECYCLE 2010 FUND (TCLFX)^[10,11]	\$1,244.90	63	7.87%	5.01%	5.92%	5.41%	-0.22%	0.44%	0.00%	5.77%	5.24%	6.25%	5.64%	5.63%	10/15/2004	
Gross Expense Ratio		75														
BM: Lifecycle 2010 Fund Composite Index			6.78%	4.61%	5.74%	5.45%	-0.08%	0.83%	-0.06%	5.33%	5.11%	6.09%	5.66%	5.73%		
Fund vs. Lifecycle 2010 Fund Composite Index			109	40	18	-4	-14	-39	6	44	13	16	-2	-10		
BM: S&P Target Date 2010 Index			6.09%	4.13%	5.01%	4.83%	-0.03%	0.82%	-0.05%	4.82%	4.67%	5.38%	5.08%	5.24%		
Fund vs. S&P Target Date 2010 Index			178	88	91	58	-19	-38	5	95	57	87	56	39		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%	3.63%	-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%	3.72%	3.83%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			667	381	410	178	-10	60	162	617	352	398	192	180		
PG: Target-Date 2000-2010 M*star Category			5.94%	4.11%	5.06%	4.77%	N/A	N/A	N/A	4.37%	4.38%	5.33%	4.88%	N/A		
Fund vs. Target-Date 2000-2010 M*star Category			193	90	86	64	N/A	N/A	N/A	140	86	92	76	N/A		
PG: Fund % Rank in Target-Date 2000-2010 M*star Category			3%	8%	15%	22%	N/A	N/A	N/A	6%	9%	9%	16%	N/A		
PG: # of funds in Target-Date 2000-2010 M*star Category			129	110	87	75	N/A	N/A	N/A	135	111	87	76	N/A		
Fund Star Rating			N/A	*****	****	****	N/A	N/A	N/A	N/A	*****	*****	****	N/A		

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
RETIREMENT SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) [2]	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Return				Avg. Annual Return									
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inc. Date	
TIAA-CREF LIFECYCLE 2015 FUND (TCLIX)^[10,11]	\$1,926.40	64	8.69%	5.44%	6.48%	5.63%	-0.16%	0.49%	0.08%	6.44%	5.64%	6.78%	5.89%	5.87%	10/15/2004	
Gross Expense Ratio		76														
BM: Lifecycle 2015 Fund Composite Index			7.49%	5.02%	6.31%	5.67%	-0.09%	0.91%	0.01%	5.93%	5.53%	6.62%	5.90%	5.97%		
Fund vs. Lifecycle 2015 Fund Composite Index			120	42	17	-4	-7	-42	7	51	11	16	-1	-10		
BM: S&P Target Date 2015 Index			6.95%	4.76%	5.87%	5.35%	-0.03%	0.97%	0.07%	5.55%	5.33%	6.20%	5.63%	5.77%		
Fund vs. S&P Target Date 2015 Index			174	68	61	28	-13	-48	1	89	31	58	26	10		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%	3.63%	-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%	3.72%	3.83%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			749	424	466	200	-4	65	170	684	392	451	217	204		
PG: Target-Date 2015 M*star Category			6.87%	4.43%	5.55%	5.06%	N/A	N/A	N/A	5.14%	4.81%	5.84%	5.22%	N/A		
Fund vs. Target-Date 2015 M*star Category			182	101	93	57	N/A	N/A	N/A	130	83	94	67	N/A		
PG: Fund % Rank in Target-Date 2015 M*star Category			6%	8%	22%	27%	N/A	N/A	N/A	10%	10%	17%	25%	N/A		
PG: # of funds in Target-Date 2015 M*star Category			133	105	74	49	N/A	N/A	N/A	138	109	75	49	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF LIFECYCLE 2020 FUND (TCLTX)^[10,12]	\$3,793.60	65	9.84%	5.97%	7.20%	5.91%	-0.23%	0.62%	0.23%	7.39%	6.16%	7.46%	6.19%	6.09%	10/15/2004	
Gross Expense Ratio		76														
BM: Lifecycle 2020 Fund Composite Index			8.45%	5.58%	7.06%	5.98%	-0.11%	1.02%	0.12%	6.75%	6.09%	7.31%	6.23%	6.20%		
Fund vs. Lifecycle 2020 Fund Composite Index			139	39	14	-7	-12	-40	11	64	7	15	-4	-11		
BM: S&P Target Date 2020 Index			7.80%	5.33%	6.63%	5.77%	-0.07%	1.09%	0.16%	6.27%	5.91%	6.93%	6.06%	6.18%		
Fund vs. S&P Target Date 2020 Index			204	64	57	14	-16	-47	7	112	25	53	13	-9		
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	9.26%		
Fund vs. Russell 3000 Index			-397	-425	-583	-371	-88	-327	-299	-739	-542	-583	-404	-317		
PG: Target-Date 2020 M*star Category			7.60%	4.65%	5.74%	5.16%	N/A	N/A	N/A	5.65%	5.07%	6.07%	5.33%	N/A		
Fund vs. Target-Date 2020 M*star Category			224	132	146	75	N/A	N/A	N/A	174	109	139	86	N/A		
PG: Fund % Rank in Target-Date 2020 M*star Category			7%	6%	12%	25%	N/A	N/A	N/A	5%	6%	7%	18%	N/A		
PG: # of funds in Target-Date 2020 M*star Category			245	200	159	99	N/A	N/A	N/A	252	203	160	106	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF LIFECYCLE 2025 FUND (TCLFX)^[10,12]	\$4,376.50	66	11.16%	6.58%	8.00%	6.20%	-0.22%	0.74%	0.45%	8.54%	6.79%	8.18%	6.52%	6.34%	10/15/2004	
Gross Expense Ratio		77														
BM: Lifecycle 2025 Fund Composite Index			9.58%	6.22%	7.86%	6.30%	-0.12%	1.16%	0.27%	7.75%	6.75%	8.07%	6.58%	6.46%		
Fund vs. Lifecycle 2025 Fund Composite Index			158	36	14	-10	-10	-42	18	79	4	11	-6	-12		
BM: S&P Target Date 2025 Index			9.03%	6.01%	7.34%	6.12%	-0.11%	1.24%	0.29%	7.38%	6.59%	7.80%	6.43%	6.56%		
Fund vs. S&P Target Date 2025 Index			213	57	66	8	-11	-50	16	116	20	58	9	-22		
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	9.26%		
Fund vs. Russell 3000 Index			-265	-364	-503	-342	-87	-315	-277	-624	-479	-511	-371	-292		
PG: Target-Date 2025 M*star Category			9.10%	5.42%	6.69%	5.74%	N/A	N/A	N/A	6.79%	5.83%	6.94%	5.91%	N/A		
Fund vs. Target-Date 2025 M*star Category			206	116	131	46	N/A	N/A	N/A	175	96	124	61	N/A		
PG: Fund % Rank in Target-Date 2025 M*star Category			6%	8%	8%	27%	N/A	N/A	N/A	6%	8%	7%	26%	N/A		
PG: # of funds in Target-Date 2025 M*star Category			215	173	136	72	N/A	N/A	N/A	222	178	138	72	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF LIFECYCLE 2030 FUND (TCLNX)^[10,12]	\$4,318.30	67	12.49%	7.19%	8.72%	6.43%	-0.36%	0.87%	0.65%	9.62%	7.37%	8.88%	6.76%	6.52%	10/15/2004	
Gross Expense Ratio		78														
BM: Lifecycle 2030 Fund Composite Index			10.72%	6.87%	8.64%	6.59%	-0.13%	1.31%	0.41%	8.75%	7.41%	8.81%	6.90%	6.71%		
Fund vs. Lifecycle 2030 Fund Composite Index			177	32	8	-16	-23	-44	24	87	-4	7	-14	-19		
BM: S&P Target Date 2030 Index			10.19%	6.62%	8.02%	6.39%	-0.15%	1.40%	0.44%	8.47%	7.23%	8.26%	6.73%	6.85%		
Fund vs. S&P Target Date 2030 Index			230	57	70	4	-21	-53	21	115	14	62	3	-33		
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	9.26%		
Fund vs. Russell 3000 Index			-132	-303	-431	-319	-101	-302	-257	-516	-421	-441	-347	-274		
PG: Target-Date 2030 M*star Category			10.37%	6.07%	7.36%	5.86%	N/A	N/A	N/A	7.88%	6.48%	7.64%	6.06%	N/A		
Fund vs. Target-Date 2030 M*star Category			212	112	136	57	N/A	N/A	N/A	174	89	124	70	N/A		
PG: Fund % Rank in Target-Date 2030 M*star Category			7%	11%	12%	27%	N/A	N/A	N/A	5%	15%	12%	23%	N/A		
PG: # of funds in Target-Date 2030 M*star Category			235	190	149	89	N/A	N/A	N/A	241	193	150	96	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF LIFECYCLE 2035 FUND (TCLRX)^[10,12]	\$4,388.90	68	13.81%	7.76%	9.41%	6.76%	-0.34%	1.05%	0.84%	10.79%	7.95%	9.53%	7.11%	6.86%	10/15/2004	
Gross Expense Ratio		79														
BM: Lifecycle 2035 Fund Composite Index			11.83%	7.48%	9.37%	6.99%	-0.14%	1.46%	0.58%	9.78%	8.02%	9.51%	7.32%	7.09%		
Fund vs. Lifecycle 2035 Fund Composite Index			198	28	4	-23	-20	-41	26	101	-7	2	-21	-23		
BM: S&P Target Date 2035 Index			11.31%	7.21%	8.64%	6.64%	-0.19%	1.52%	0.56%	9.47%	7.83%	8.88%	7.00%	7.08%		
Fund vs. S&P Target Date 2035 Index			250	55	77	12	-15	-47	28	132	12	65	11	-22		
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	9.26%		
Fund vs. Russell 3000 Index			0	-246	-362	-286	-99	-284	-238	-399	-363	-376	-312	-240		
PG: Target-Date 2035 M*star Category			11.73%	6.73%	8.16%	6.35%	N/A	N/A	N/A	8.94%	7.13%	8.36%	6.55%	N/A		
Fund vs. Target-Date 2035 M*star Category			208	103	125	41	N/A	N/A	N/A	185	82	117	56	N/A		
PG: Fund % Rank in Target-Date 2035 M*star Category			7%	15%	11%	28%	N/A	N/A	N/A	8%	17%	11%	27%	N/A		
PG: # of funds in Target-Date 2035 M*star Category			210	168	131	67	N/A	N/A	N/A	217	173	133	67	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF LIFECYCLE 2040 FUND (TCLOX)^[10,12]	\$5,342.80	69	15.05%	8.33%	9.97%	7.09%	-0.47%	1.15%	1.08%	11.96%	8.48%	10.08%	7.45%	7.26%	10/15/2004	
Gross Expense Ratio		80														
BM: Lifecycle 2040 Fund Composite Index			12.94%	8.09%	9.97%	7.33%	-0.14%	1.63%	0.79%	10.85%	8.64%	10.11%	7.68%	7.48%		
Fund vs. Lifecycle 2040 Fund Composite Index			211	24	0	-24	-33	-48	29	111	-16	-3	-23	-22		
BM: S&P Target Date 2040 Index			12.07%	7.61%	9.07%	6.83%	-0.22%	1.64%	0.68%	10.20%	8.26%	9.30%	7.20%	7.28%		
Fund vs. S&P Target Date 2040 Index			298	72	90	26	-25	-49	40	176	22	78	25	-2		
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	9.26%		
Fund vs. Russell 3000 Index			124	-189	-306	-253	-112	-274	-214	-282	-310	-321	-278	-200		
PG: Target-Date 2040 M*star Category			12.42%	7.04%	8.48%	6.33%	N/A	N/A	N/A	9.56%	7.46%	8.73%	6.57%	N/A		
Fund vs. Target-Date 2040 M*star Category			263	129	149	76	N/A	N/A	N/A	240	102	135	88	N/A		
PG: Fund % Rank in Target-Date 2040 M*star Category			2%	8%	7%	24%	N/A	N/A	N/A	3%	14%	7%	24%	N/A		
PG: # of funds in Target-Date 2040 M*star Category			235	190	149	89	N/A	N/A	N/A	241	193	150	96	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
RETIREMENT SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) [2]	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Return				Avg. Annual Return									
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inc.	
	04/01/17 to 03/31/18	04/01/15 to 03/31/18	04/01/13 to 03/31/18	04/01/08 to 03/31/18	06/01/18 to 06/30/18	04/01/18 to 06/30/18	01/01/18 to 06/30/18	07/01/17 to 06/30/18	07/01/15 to 06/30/18	07/01/13 to 06/30/18	07/01/08 to 06/30/18	06/30/18 to 06/30/18	Date			
TIAA-CREF LIFECYCLE 2045 FUND (TTRFX) ^[10,12]	\$2,823.60	70	15.63%	8.66%	10.16%	7.03%	-0.39%	1.35%	1.27%	12.60%	8.89%	10.29%	7.38%	5.67%	11/30/2007	
Gross Expense Ratio		82														
BM: Lifecycle 2045 Fund Composite Index			13.51%	8.45%	10.19%	7.44%	-0.14%	1.73%	0.91%	11.42%	9.04%	10.36%	7.80%	6.23%		
Fund vs. Lifecycle 2045 Fund Composite Index			212	21	-3	-41	-25	-38	36	118	-15	-7	-42	-56		
BM: S&P Target Date 2045 Index			12.50%	7.88%	9.38%	6.89%	-0.24%	1.66%	0.70%	10.55%	8.52%	9.59%	7.27%	5.67%		
Fund vs. S&P Target Date 2045 Index			313	78	78	14	-15	-31	57	205	37	70	11	0		
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	8.37%		
Fund vs. Russell 3000 Index			182	-156	-287	-259	-104	-254	-195	-218	-269	-300	-285	-270		
PG: Target-Date 2045 M*star Category			13.18%	7.38%	8.89%	6.57%	N/A	N/A	N/A	10.12%	7.79%	9.06%	6.78%	N/A		
Fund vs. Target-Date 2045 M*star Category			245	128	127	46	N/A	N/A	N/A	248	110	123	60	N/A		
PG: Fund % Rank in Target-Date 2045 M*star Category			2%	4%	7%	27%	N/A	N/A	N/A	4%	5%	7%	23%	N/A		
PG: # of funds in Target-Date 2045 M*star Category			210	168	131	66	N/A	N/A	N/A	217	173	133	66	N/A		
Fund Star Rating			N/A	****	****	***	N/A	N/A	N/A	N/A	****	****	***	N/A		
TIAA-CREF LIFECYCLE 2050 FUND (TLFRX) ^[10,12]	\$1,841.40	70	15.86%	8.80%	10.25%	7.04%	-0.47%	1.35%	1.27%	12.82%	9.02%	10.39%	7.31%	5.69%	11/30/2007	
Gross Expense Ratio		82														
BM: Lifecycle 2050 Fund Composite Index			13.69%	8.60%	10.28%	7.48%	-0.14%	1.76%	0.94%	11.59%	9.20%	10.45%	7.85%	6.27%		
Fund vs. Lifecycle 2050 Fund Composite Index			217	20	-3	-44	-33	-41	33	123	-18	-6	-54	-58		
BM: S&P Target Date 2050 Index			12.83%	8.11%	9.68%	7.05%	-0.25%	1.72%	0.77%	10.85%	8.75%	9.89%	7.44%	5.82%		
Fund vs. S&P Target Date 2050 Index			303	69	57	-1	-22	-37	50	197	27	50	-13	-13		
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	8.37%		
Fund vs. Russell 3000 Index			205	-142	-278	-258	-112	-254	-195	-196	-256	-290	-292	-268		
PG: Target-Date 2050 M*star Category			13.25%	7.41%	8.91%	6.57%	N/A	N/A	N/A	10.22%	7.83%	9.15%	6.82%	N/A		
Fund vs. Target-Date 2050 M*star Category			261	139	134	47	N/A	N/A	N/A	260	119	124	49	N/A		
PG: Fund % Rank in Target-Date 2050 M*star Category			2%	4%	10%	33%	N/A	N/A	N/A	4%	5%	6%	34%	N/A		
PG: # of funds in Target-Date 2050 M*star Category			231	185	144	61	N/A	N/A	N/A	237	188	145	70	N/A		
Fund Star Rating			N/A	****	****	***	N/A	N/A	N/A	N/A	****	****	***	N/A		
TIAA-CREF LIFECYCLE 2055 FUND (TTRLX) ^[10,12]	\$569.80	70	16.11%	8.93%	10.33%	N/A	-0.41%	1.32%	1.32%	12.97%	9.15%	10.45%	N/A	8.93%	4/29/2011	
Gross Expense Ratio		86														
BM: Lifecycle 2055 Fund Composite Index			13.86%	8.74%	10.37%		-0.14%	1.78%	0.97%	11.76%	9.35%	10.54%		9.27%		
Fund vs. Lifecycle 2055 Fund Composite Index			225	19	-4		-27	-46	35	121	-20	-9		-34		
BM: S&P Target Date 2055 Index			13.00%	8.24%	9.87%		-0.26%	1.70%	0.78%	10.96%	8.86%	10.06%		8.68%		
Fund vs. S&P Target Date 2055 Index			311	69	46		-15	-38	54	201	29	39		25		
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		12.22%		
Fund vs. Russell 3000 Index			230	-129	-270		-106	-257	-190	-181	-243	-284		-329		
PG: Target-Date 2055 M*star Category			13.61%	7.61%	9.23%		N/A	N/A	N/A	10.47%	7.97%	9.38%		N/A		
Fund vs. Target-Date 2055 M*star Category			250	132	110		N/A	N/A	N/A	250	118	107		N/A		
PG: Fund % Rank in Target-Date 2055 M*star Category			4%	4%	12%		N/A	N/A	N/A	4%	5%	7%		N/A		
PG: # of funds in Target-Date 2055 M*star Category			208	159	105		N/A	N/A	N/A	215	171	106		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFECYCLE 2060 FUND (TLRX) ^[10,12]	\$99.10	70	16.23%	9.04%	N/A	N/A	-0.50%	1.36%	1.27%	13.04%	9.25%	N/A	N/A	8.89%	9/26/2014	
Gross Expense Ratio		145														
BM: Lifecycle 2060 Fund Composite Index			14.04%	8.89%			-0.14%	1.81%	1.00%	11.93%	9.51%			8.69%		
Fund vs. Lifecycle 2060 Fund Composite Index			219	15			-36	-45	27	111	-26			20		
BM: S&P Target Date 2060+ Index			13.15%	8.32%			-0.24%	1.77%	0.85%	11.17%	8.98%			8.28%		
Fund vs. S&P Target Date 2060+ Index			308	72			-26	-41	42	187	27			61		
BM: Russell 3000 Index			13.81%	10.22%			0.65%	3.89%	3.22%	14.78%	11.58%			11.01%		
Fund vs. Russell 3000 Index			242	-118			-115	-253	-195	-174	-233			-212		
PG: Target-Date 2060+ M*star Category			13.72%	8.03%			N/A	N/A	N/A	10.64%	8.29%			N/A		
Fund vs. Target-Date 2060+ M*star Category			251	101			N/A	N/A	N/A	240	96			N/A		
PG: Fund % Rank in Target-Date 2060+ M*star Category			3%	9%			N/A	N/A	N/A	5%	10%			N/A		
PG: # of funds in Target-Date 2060+ M*star Category			162	56			N/A	N/A	N/A	177	65			N/A		
Fund Star Rating			N/A	****			N/A	N/A	N/A	N/A	****			N/A		
TIAA-CREF LIFECYCLE INDEX 2010 FUND (TLTRX) ^[10,11]	\$404.60	35	6.45%	4.25%	5.45%	N/A	0.00%	0.61%	-0.20%	4.81%	4.76%	5.80%	N/A	6.64%	9/30/2009	
Gross Expense Ratio		51														
BM: Lifecycle Index 2010 Composite Benchmark			6.82%	4.59%	5.82%		-0.08%	0.77%	-0.08%	5.26%	5.11%	6.18%		7.06%		
Fund vs. Lifecycle Index 2010 Composite Benchmark			-37	-34	-37		8	-16	-12	-45	-35	-38		-42		
BM: S&P Target Date 2010 Index			6.09%	4.13%	5.01%		-0.03%	0.82%	-0.05%	4.82%	4.67%	5.38%		6.20%		
Fund vs. S&P Target Date 2010 Index			36	12	44		3	-21	-15	-1	9	42		44		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%		-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%		3.13%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			525	305	363		12	77	142	521	304	353		351		
PG: Target-Date 2000-2010 M*star Category			5.94%	4.11%	5.06%		N/A	N/A	N/A	4.37%	4.38%	5.33%		N/A		
Fund vs. Target-Date 2000-2010 M*star Category			51	14	39		N/A	N/A	N/A	44	38	47		N/A		
PG: Fund % Rank in Target-Date 2000-2010 M*star Category			33%	50%	35%		N/A	N/A	N/A	27%	27%	29%		N/A		
PG: # of funds in Target-Date 2000-2010 M*star Category			129	110	87		N/A	N/A	N/A	135	111	87		N/A		
Fund Star Rating			N/A	***	***		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFECYCLE INDEX 2015 FUND (TLGRX) ^[10,11]	\$771.70	35	7.19%	4.68%	6.00%	N/A	-0.06%	0.71%	-0.13%	5.38%	5.19%	6.32%	N/A	7.14%	9/30/2009	
Gross Expense Ratio		49														
BM: Lifecycle Index 2015 Composite Benchmark			7.54%	5.02%	6.38%		-0.10%	0.84%	-0.01%	5.85%	5.53%	6.69%		7.56%		
Fund vs. Lifecycle Index 2015 Composite Benchmark			-35	-34	-38		4	-13	-12	-47	-34	-37		-42		
BM: S&P Target Date 2015 Index			6.95%	4.76%	5.87%		-0.03%	0.97%	0.07%	5.55%	5.33%	6.20%		7.04%		
Fund vs. S&P Target Date 2015 Index			24	-8	13		-3	-26	-20	-17	-14	12		10		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%		-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%		3.13%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			599	348	418		6	87	149	578	347	405		401		
PG: Target-Date 2015 M*star Category			6.87%	4.43%	5.55%		N/A	N/A	N/A	5.14%	4.81%	5.84%		N/A		
Fund vs. Target-Date 2015 M*star Category			32	25	45		N/A	N/A	N/A	24	38	48		N/A		
PG: Fund % Rank in Target-Date 2015 M*star Category			43%	38%	40%		N/A	N/A	N/A	37%	32%	37%		N/A		
PG: # of funds in Target-Date 2015 M*star Category			133	105	74		N/A	N/A	N/A	138	109	75		N/A		
Fund Star Rating			N/A	***	***		N/A	N/A	N/A	N/A	****	***		N/A		

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
RETIREMENT SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) [2]	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Return				Avg. Annual Return									
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception		
TIAA-CREF LIFECYCLE INDEX 2020 FUND (TLWRX)^(10,12)	\$1,787.80	35	8.16%	5.26%	6.75%	N/A	-0.06%	0.80%	0.00%	6.19%	5.72%	7.00%	N/A	7.77%	9/30/2009	
Gross Expense Ratio		47														
BM: Lifecycle Index 2020 Composite Benchmark			8.49%	5.58%	7.11%		-0.11%	0.94%	0.10%	6.66%	6.08%	7.36%		8.18%		
Fund vs.Lifecycle Index 2020 Composite Benchmark			-33	-32	-36		5	-14	-10	-47	-36	-36		-41		
BM: S&P Target Date 2020 Index			7.80%	5.33%	6.63%		-0.07%	1.09%	0.16%	6.27%	5.91%	6.93%		7.77%		
Fund vs.S&P Target Date 2020 Index			36	-7	12		1	-29	-16	-8	-19	7		0		
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		13.81%		
Fund vs.Russell 3000 Index			-565	-496	-628		-71	-309	-322	-859	-586	-629		-604		
PG: Target-Date 2020 M*star Category			7.60%	4.65%	5.74%		N/A	N/A	N/A	5.65%	5.07%	6.07%		N/A		
Fund vs. Target-Date 2020 M*star Category			56	61	101		N/A	N/A	N/A	54	65	93		N/A		
PG: Fund % Rank in Target-Date 2020 M*star Category			37%	30%	22%		N/A	N/A	N/A	31%	29%	21%		N/A		
PG: # of funds in Target-Date 2020 M*star Category			245	200	159		N/A	N/A	N/A	252	203	160		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFECYCLE INDEX 2025 FUND (TLQRX)^(10,12)	\$2,161.30	35	9.30%	5.92%	7.54%	N/A	-0.12%	0.87%	0.12%	7.18%	6.36%	7.71%	N/A	8.43%	9/30/2009	
Gross Expense Ratio		47														
BM: Lifecycle Index 2025 Composite Benchmark			9.63%	6.23%	7.90%		-0.12%	1.07%	0.24%	7.64%	6.73%	8.10%		8.83%		
Fund vs.Lifecycle Index 2025 Composite Benchmark			-33	-31	-36		0	-20	-12	-46	-37	-39		-40		
BM: S&P Target Date 2025 Index			9.03%	6.01%	7.34%		-0.11%	1.24%	0.29%	7.38%	6.59%	7.60%		8.42%		
Fund vs.S&P Target Date 2025 Index			27	-9	20		-1	-37	-17	-20	-23	11		1		
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		13.81%		
Fund vs.Russell 3000 Index			-451	-430	-549		-77	-302	-310	-760	-522	-558		-538		
PG: Target-Date 2025 M*star Category			9.10%	5.42%	6.69%		N/A	N/A	N/A	6.79%	5.83%	6.94%		N/A		
Fund vs. Target-Date 2025 M*star Category			20	50	85		N/A	N/A	N/A	39	53	77		N/A		
PG: Fund % Rank in Target-Date 2025 M*star Category			53%	29%	23%		N/A	N/A	N/A	42%	31%	20%		N/A		
PG: # of funds in Target-Date 2025 M*star Category			215	173	136		N/A	N/A	N/A	222	178	138		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFECYCLE INDEX 2030 FUND (TLHRX)^(10,12)	\$2,252.40	35	10.47%	6.59%	8.32%	N/A	-0.11%	1.00%	0.28%	8.13%	7.01%	8.44%	N/A	9.08%	9/30/2009	
Gross Expense Ratio		46														
BM: Lifecycle Index 2030 Composite Benchmark			10.78%	6.88%	8.68%		-0.14%	1.20%	0.38%	8.63%	7.38%	8.83%		9.48%		
Fund vs.Lifecycle Index 2030 Composite Benchmark			-31	-29	-36		3	-20	-10	-50	-37	-39		-40		
BM: S&P Target Date 2030 Index			10.19%	6.62%	8.02%		-0.15%	1.40%	0.44%	8.47%	7.23%	8.26%		8.99%		
Fund vs.S&P Target Date 2030 Index			28	-3	30		4	-40	-16	-34	-22	18		9		
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		13.81%		
Fund vs.Russell 3000 Index			-334	-363	-471		-76	-289	-294	-665	-457	-485		-473		
PG: Target-Date 2030 M*star Category			10.37%	6.07%	7.36%		N/A	N/A	N/A	7.88%	6.48%	7.64%		N/A		
Fund vs. Target-Date 2030 M*star Category			10	52	96		N/A	N/A	N/A	25	53	80		N/A		
PG: Fund % Rank in Target-Date 2030 M*star Category			56%	30%	25%		N/A	N/A	N/A	47%	33%	27%		N/A		
PG: # of funds in Target-Date 2030 M*star Category			235	190	149		N/A	N/A	N/A	241	193	150		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFECYCLE INDEX 2035 FUND (TLYRX)^(10,12)	\$2,092.20	35	11.68%	7.21%	9.07%	N/A	-0.16%	1.11%	0.47%	9.18%	7.63%	9.14%	N/A	9.70%	9/30/2009	
Gross Expense Ratio		46														
BM: Lifecycle Index 2035 Composite Benchmark			11.90%	7.50%	9.41%		-0.14%	1.35%	0.55%	9.65%	7.99%	9.53%		10.11%		
Fund vs.Lifecycle Index 2035 Composite Benchmark			-22	-29	-34		-2	-24	-8	-47	-36	-39		-41		
BM: S&P Target Date 2035 Index			11.31%	7.21%	8.64%		-0.19%	1.52%	0.56%	9.47%	7.83%	8.88%		9.50%		
Fund vs.S&P Target Date 2035 Index			37	0	43		3	-41	-9	-29	-20	26		20		
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		13.81%		
Fund vs.Russell 3000 Index			-213	-301	-396		-81	-278	-275	-560	-395	-415		-411		
PG: Target-Date 2035 M*star Category			11.73%	6.73%	8.16%		N/A	N/A	N/A	8.94%	7.13%	8.36%		N/A		
Fund vs. Target-Date 2035 M*star Category			-5	48	91		N/A	N/A	N/A	24	50	78		N/A		
PG: Fund % Rank in Target-Date 2035 M*star Category			57%	27%	24%		N/A	N/A	N/A	48%	30%	27%		N/A		
PG: # of funds in Target-Date 2035 M*star Category			210	168	131		N/A	N/A	N/A	217	173	133		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFECYCLE INDEX 2040 FUND (TLZRX)^(10,12)	\$2,246.60	35	12.77%	7.83%	9.68%	N/A	-0.15%	1.28%	0.66%	10.22%	8.27%	9.75%	N/A	10.14%	9/30/2009	
Gross Expense Ratio		45														
BM: Lifecycle Index 2040 Composite Benchmark			13.02%	8.11%	10.01%		-0.15%	1.50%	0.75%	10.69%	8.61%	10.13%		10.54%		
Fund vs.Lifecycle Index 2040 Composite Benchmark			-25	-28	-33		0	-22	-9	-47	-34	-38		-40		
BM: S&P Target Date 2040 Index			12.07%	7.61%	9.07%		-0.22%	1.64%	0.68%	10.20%	8.26%	9.30%		9.86%		
Fund vs.S&P Target Date 2040 Index			70	22	61		7	-36	-2	2	1	45		28		
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		13.81%		
Fund vs.Russell 3000 Index			-104	-239	-335		-80	-261	-256	-456	-331	-354		-367		
PG: Target-Date 2040 M*star Category			12.42%	7.04%	8.48%		N/A	N/A	N/A	9.56%	7.46%	8.73%		N/A		
Fund vs. Target-Date 2040 M*star Category			35	79	120		N/A	N/A	N/A	66	81	102		N/A		
PG: Fund % Rank in Target-Date 2040 M*star Category			44%	23%	18%		N/A	N/A	N/A	28%	19%	17%		N/A		
PG: # of funds in Target-Date 2040 M*star Category			235	190	149		N/A	N/A	N/A	241	193	150		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFECYCLE INDEX 2045 FUND (TLMRX)^(10,12)	\$1,421.20	35	13.33%	8.18%	9.88%	N/A	-0.15%	1.38%	0.81%	10.81%	8.65%	9.99%	N/A	10.27%	9/30/2009	
Gross Expense Ratio		46														
BM: Lifecycle Index 2045 Composite Benchmark			13.59%	8.47%	10.23%		-0.15%	1.60%	0.87%	11.26%	9.00%	10.37%		10.68%		
Fund vs.Lifecycle Index 2045 Composite Benchmark			-26	-29	-35		0	-22	-6	-45	-35	-38		-41		
BM: S&P Target Date 2045 Index			12.50%	7.88%	9.38%		-0.24%	1.66%	0.70%	10.55%	8.52%	9.59%		10.10%		
Fund vs.S&P Target Date 2045 Index			83	30	50		9	-28	11	26	13	40		17		
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		13.81%		
Fund vs.Russell 3000 Index			-48	-204	-315		-80	-251	-241	-397	-293	-330		-354		
PG: Target-Date 2045 M*star Category			13.18%	7.38%	8.89%		N/A	N/A	N/A	10.12%	7.79%	9.06%		N/A		
Fund vs. Target-Date 2045 M*star Category			15	80	99		N/A	N/A	N/A	69	86	93		N/A		
PG: Fund % Rank in Target-Date 2045 M*star Category			47%	15%	14%		N/A	N/A	N/A	27%	11%	13%		N/A		
PG: # of funds in Target-Date 2045 M*star Category			210	168	131		N/A	N/A	N/A	217	173	133		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
RETIREMENT SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) [2]	Previous Quarter-End Returns				Current Month-End Returns								
			Avg. Annual Return				Avg. Annual Return								
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	
TIAA-CREF LIFESTYLE CONSERVATIVE FUND (TSCTX)^[13]	\$225.10	71	7.45%	4.69%	5.51%	N/A	-0.20%	0.52%	-0.01%	5.48%	4.93%	5.80%	N/A	6.53%	12/9/2011
Gross Expense Ratio		83													
BM: Lifestyle Conservative Composite Benchmark			6.34%	4.33%	5.28%		-0.10%	0.76%	-0.11%	4.87%	4.78%	5.59%		6.05%	
Fund vs.Lifestyle Conservative Composite Benchmark			111	36	23		-10	-24	10	61	15	21		48	
BM: Morningstar Moderately Conservative Target Risk TR USD			6.54%	4.70%	4.95%		-0.07%	0.39%	-0.53%	4.68%	4.98%	5.23%		5.87%	
Fund vs.Morningstar Moderately Conservative Target Risk TR USD			91	-1	56		-13	13	52	80	-5	57		66	
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%		-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%		2.10%	
Fund vs.Bloomberg Barclays U.S. Aggregate Bond Index			625	349	369		-8	68	161	588	321	353		443	
PG: Allocation--30% to 50% Equity M*star Category			5.40%	3.70%	4.65%		N/A	N/A	N/A	4.01%	4.17%	5.00%		N/A	
Fund vs. Allocation--30% to 50% Equity M*star Category			205	99	86		N/A	N/A	N/A	147	76	80		N/A	
PG: Fund % Rank in Allocation--30% to 50% Equity M*star Category			12%	16%	21%		N/A	N/A	N/A	18%	23%	20%		N/A	
PG: # of funds in Allocation--30% to 50% Equity M*star Category			511	423	354		N/A	N/A	N/A	517	425	358		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFESTYLE GROWTH FUND (TSGRX)^[14]	\$153.70	78	13.81%	7.73%	9.26%	N/A	-0.45%	1.10%	0.84%	10.87%	7.94%	9.37%	N/A	10.70%	12/9/2011
Gross Expense Ratio		97													
BM: Lifestyle Growth Composite Benchmark			12.02%	7.59%	9.15%		-0.14%	1.51%	0.63%	10.00%	8.16%	9.41%		10.45%	
Fund vs.Lifestyle Growth Composite Benchmark			179	14	11		-31	-41	21	87	-22	-4		25	
BM: Morningstar Moderately Aggressive Target Risk TR USD			12.00%	7.61%	8.42%		-0.23%	0.76%	-0.03%	9.33%	7.82%	8.60%		9.76%	
Fund vs.Morningstar Moderately Aggressive Target Risk TR USD			181	12	84		-22	34	87	154	12	77		94	
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		14.87%	
Fund vs.Russell 3000 Index			0	-249	-377		-110	-279	-238	-391	-364	-392		-417	
PG: Allocation--70% to 85% Equity M*star Category			9.75%	5.63%	7.74%		N/A	N/A	N/A	8.46%	6.38%	7.97%		N/A	
Fund vs. Allocation--70% to 85% Equity M*star Category			406	210	152		N/A	N/A	N/A	241	156	140		N/A	
PG: Fund % Rank in Allocation--70% to 85% Equity M*star Category			12%	11%	16%		N/A	N/A	N/A	15%	17%	18%		N/A	
PG: # of funds in Allocation--70% to 85% Equity M*star Category			351	318	276		N/A	N/A	N/A	344	313	274		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFESTYLE INCOME FUND (TLSRX)^[13]	\$70.80	68	4.33%	3.04%	3.45%	N/A	-0.16%	0.11%	-0.44%	2.72%	3.25%	3.78%	N/A	4.19%	12/9/2011
Gross Expense Ratio		97													
BM: Lifestyle Income Composite Benchmark			3.46%	2.62%	3.21%		-0.07%	0.43%	-0.35%	2.40%	2.96%	3.51%		3.73%	
Fund vs.Lifestyle Income Composite Benchmark			87	42	24		-9	-32	-9	32	29	27		46	
BM: Morningstar Conservative Target Risk TR USD			4.02%	3.03%	2.93%		-0.04%	0.00%	-0.85%	2.33%	3.24%	3.24%		3.62%	
Fund vs.Morningstar Conservative Target Risk TR USD			31	1	52		-12	11	41	39	1	54		57	
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%		-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%		2.10%	
Fund vs.Bloomberg Barclays U.S. Aggregate Bond Index			313	184	163		-4	27	118	312	153	151		209	
PG: Allocation--15% to 30% Equity M*star Category			2.99%	2.52%	2.80%		N/A	N/A	N/A	1.84%	2.89%	3.30%		N/A	
Fund vs. Allocation--15% to 30% Equity M*star Category			134	52	65		N/A	N/A	N/A	88	36	48		N/A	
PG: Fund % Rank in Allocation--15% to 30% Equity M*star Category			22%	32%	38%		N/A	N/A	N/A	37%	45%	40%		N/A	
PG: # of funds in Allocation--15% to 30% Equity M*star Category			200	176	149		N/A	N/A	N/A	207	183	151		N/A	
Fund Star Rating			N/A	****	***		N/A	N/A	N/A	N/A	***	***		N/A	
TIAA-CREF LIFESTYLE MODERATE FUND (TSMTX)^[14]	\$335.20	75	10.77%	6.31%	7.58%	N/A	-0.31%	0.76%	0.29%	8.12%	6.56%	7.78%	N/A	8.85%	12/9/2011
Gross Expense Ratio		84													
BM: Lifestyle Moderate Composite Benchmark			9.27%	6.03%	7.34%		-0.13%	1.09%	0.10%	7.36%	6.59%	7.66%		8.37%	
Fund vs.Lifestyle Moderate Composite Benchmark			150	28	24		-18	-33	19	76	-3	12		48	
BM: Morningstar Moderate Target Risk TR USD			9.09%	6.13%	6.69%		-0.15%	0.56%	-0.31%	6.92%	6.41%	6.92%		7.84%	
Fund vs.Morningstar Moderate Target Risk TR USD			168	18	89		-16	20	60	120	15	86		101	
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		14.87%	
Fund vs.Russell 3000 Index			-304	-391	-545		-96	-313	-293	-666	-502	-551		-602	
PG: Allocation--50% to 70% Equity M*star Category			7.78%	4.89%	6.55%		N/A	N/A	N/A	6.58%	5.59%	6.85%		N/A	
Fund vs. Allocation--50% to 70% Equity M*star Category			299	142	103		N/A	N/A	N/A	154	97	93		N/A	
PG: Fund % Rank in Allocation--50% to 70% Equity M*star Category			11%	19%	31%		N/A	N/A	N/A	23%	27%	30%		N/A	
PG: # of funds in Allocation--50% to 70% Equity M*star Category			777	680	628		N/A	N/A	N/A	766	674	617		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF MANAGED ALLOCATION FUND (TITRX)^[14]	\$864.30	65	10.75%	6.43%	7.63%	6.30%	-0.34%	0.68%	0.17%	8.06%	6.67%	7.84%	6.57%	5.86%	3/31/2006
Gross Expense Ratio		68													
BM: Managed Allocation Composite Index ^[8]			9.27%	6.03%	7.40%	6.38%	-0.13%	1.09%	0.10%	7.36%	6.59%	7.66%	6.64%	6.12%	
Fund vs.Managed Allocation Composite Index			148	40	23	-8	-21	-41	7	70	8	18	-7	-26	
BM: Morningstar Moderate Target Risk TR USD			9.09%	6.13%	6.69%	6.12%	-0.15%	0.56%	-0.31%	6.92%	6.41%	6.92%	6.28%	6.10%	
Fund vs.Morningstar Moderate Target Risk TR USD			166	30	94	18	-19	12	48	114	26	92	29	-24	
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	8.52%	
Fund vs.Russell 3000 Index			-306	-379	-540	-332	-99	-321	-305	-672	-491	-545	-366	-266	
PG: Allocation--50% to 70% Equity M*star Category			7.78%	4.89%	6.55%	6.06%	N/A	N/A	N/A	6.58%	5.59%	6.85%	6.27%	N/A	
Fund vs. Allocation--50% to 70% Equity M*star Category			297	154	108	24	N/A	N/A	N/A	148	108	99	30	N/A	
PG: Fund % Rank in Allocation--50% to 70% Equity M*star Category			12%	17%	29%	43%	N/A	N/A	N/A	24%	25%	29%	42%	N/A	
PG: # of funds in Allocation--50% to 70% Equity M*star Category			777	680	628	442	N/A	N/A	N/A	766	674	617	439	N/A	
Fund Star Rating			N/A	****	****	***	N/A	N/A	N/A	N/A	****	****	***	N/A	

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
RETIREMENT SHARE CLASS

FOR PERIOD ENDING June 30, 2018
 PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) ^[2]	Previous Quarter-End Returns				Current Month-End Returns					Since Inception to Inc. Date			
			Avg. Annual Return				Avg. Annual Return								
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year		5 Year	10 Year	
	06/30/18		04/01/17 to 03/31/18	04/01/15 to 03/31/18	04/01/13 to 03/31/18	04/01/08 to 03/31/18	06/01/18 to 06/30/18	04/01/18 to 06/30/18	01/01/18 to 06/30/18	07/01/17 to 06/30/18	07/01/15 to 06/30/18	07/01/13 to 06/30/18	07/01/08 to 06/30/18		
Money Market															
TIAA-CREF MONEY MARKET FUND (TIEXX) ^[15,3,5,7]	\$1,028.50	39	0.70%	0.26%	0.16%	0.27%	0.13%	0.36%	0.61%	0.96%	0.38%	0.23%	0.25%	1.79%	7/1/1999
Gross Expense Ratio		39													3/31/2006
BM: iMoneynet Money Fund AveragesTM-All Government			0.66%	0.27%	0.16%	0.19%	0.11%	0.33%	0.57%	0.89%	0.37%	0.23%	0.18%	1.50%	
Fund vs. iMoneynet Money Fund AveragesTM-All Government			4	-1	0	8	2	3	4	7	1	0	7	29	
7-Day Effective Yield as of 06/30/2018: 1.62%															
7-Day Current Yield as of 06/30/2018: 1.62%															
MUTUAL FUND TOTALS^[1]	\$128,132.80														

BM = Benchmark; PG = Peer Group; % Rank within Morningstar Category: 1 = Best 100 = Worst; Morningstar Category Returns are equal-weighted.

[1] Combined Mutual Funds' Net Assets exclude the Managed Allocation Fund, Lifecycle Funds, and Lifestyle Funds.

[2] The net expense ratio (top number) represents expenses after reimbursement and waivers, and is what participants actually pay. The number below represents the gross expense ratio, before consideration for reimbursements and/or waivers.

[3] The "Since Inception" benchmark performance shown is computed from August 1999.

[4] The "Since Inception" values presented are cumulative values and not average annualized total returns.

[5] The Retirement Class began operations on March 31, 2006. Where a product lists two inception dates, the top date reflects the inception date of the product's oldest share class, and the bottom date represents the date of inception for the Share Class being reported. Performance shown for periods prior to the inception of the Retirement Class reflects the performance of the Institutional Class, and has not been adjusted to reflect the higher expenses of the Retirement Class.

[6] The Retirement Class began operations on October 1, 2002. Where a product lists two inception dates, the top date reflects the inception date of the product's oldest share class, and the bottom date represents the date of inception for the Share Class being reported. Performance shown for periods prior to the inception of the Retirement Class reflects the performance of the Institutional Class, and has not been adjusted to reflect the higher expenses of the Retirement Class.

[7] Beginning August 27, 2013, part or all of the investment management fees of the Retirement Class are being voluntarily waived. In addition, the fund's investment adviser is reimbursing certain other fund expenses. Beginning August 18, 2009 part or all of the service fees are being voluntarily waived. Without these changes, the 7-day current and effective net annualized yields and total returns for the fund would have been lower. The suspension of reimbursements and the addition of waivers are voluntary and may be discontinued at any time without notice.

[8] 42% Russell 3000® Index, 40% Bloomberg Barclays U.S. Aggregate Bond Index, 18% Morgan Stanley All Country World Index ex-USA.

[9] Effective January 1, 2016 the Fund's benchmark index changed from the Bloomberg Barclays U.S. TIPS Index to the Bloomberg Barclays 1-10 US Treasury Inflation Protected Securities Index.

[10] TPIS has contractually agreed not to seek payment of the 12b-1 fee under the Retirement Plan through September 30, 2018. This agreement may not be continued after that date.

[11] The S&P Target Date Indexes represent a broadly derived consensus of asset class exposure for the respective target retirement date based on market observations acquired through an annual survey of target date fund managers. The S&P Target Date Index returns include the fees and expenses of the exchange-traded funds that comprise each respective index. Previously, the Lifecycle Active and Index 2010, 2015 and Retirement Income Funds compared their performance to the Bloomberg Barclays U.S. Aggregate Bond Index instead of the S&P Target Date Indexes shown in the chart above. The returns of the S&P Target Date Indexes are more appropriate for comparison purposes because they reflect multi-asset class exposure for the same target date as the Fund.

[12] The S&P Target Date Indexes represent a broadly derived consensus of asset class exposure for the respective target retirement date based on market observations acquired through an annual survey of target date fund managers. The S&P Target Date Index returns include the fees and expenses of the exchange-traded funds that comprise each respective index. Previously, the Lifecycle Active and Index 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055 and 2060 Funds compared their performance to the Russell 3000 Index instead of the S&P Target Date Indexes shown in the chart above. The returns of the S&P Target Date Indexes are more appropriate for comparison purposes because they reflect multi-asset class exposure for the same target date as the Fund.

[13] The Morningstar Target Risk Indexes are asset allocation indexes comprised of constituent Morningstar indexes and reflect global equity market exposure of 20%, 40%, 60%, 80% or 95% based on an asset allocation methodology from Ibbotson Associates, a Morningstar company. The returns of the Morningstar Target Risk Indexes do not reflect a deduction for fees or expenses. Previously, the Lifestyle Conservative and Lifestyle Income Funds compared their performance to the Bloomberg Barclays U.S. Aggregate Bond Index instead of the Morningstar Target Risk Indexes shown in the chart above. The returns of the Morningstar Target Risk Indexes are more appropriate for comparison purposes because they reflect multi-asset class exposure and similar risk profiles.

[14] The Morningstar Target Risk Indexes are asset allocation indexes comprised of constituent Morningstar indexes and reflect global equity market exposure of 20%, 40%, 60%, 80% or 95% based on an asset allocation methodology from Ibbotson Associates, a Morningstar company. The returns of the Morningstar Target Risk Indexes do not reflect a deduction for fees or expenses. Previously, the Lifestyle Moderate, Growth and Aggressive, and the TIAA-CREF Managed Allocation Fund compared their performance to the Russell 3000 Index instead of the Morningstar Target Risk Indexes shown in the chart above. The returns of the Morningstar Target Risk Indexes are more appropriate for comparison purposes because they reflect multi-asset class exposure and similar risk profiles.

[15] Effective October 1, 2016, the iMoneyNet Money Fund Averages-All Taxable peer group was changed to the iMoneyNet Money Fund Averages-All Government.

Teachers Advisors, LLC ("Advisors"), the Funds' investment adviser has contractually agreed to reimburse the Funds for any Total Annual Fund Operating Expenses (excluding Acquired Fund Fees and Expenses and extraordinary expenses) that exceed 0.25% of average daily net assets for the Lifecycle and 0.29% for the Lifecycle Index Retirement Class Funds. These expense reimbursement arrangements will continue through at least September 30, 2018 unless changed with approval of the Board of Trustees.

In addition to the expense reimbursement arrangement, Advisors has contractually agreed to waive a portion of the Fund's Management Fee equal to, on an annual basis of 0.10% for the all of the Lifecycle Funds. This waiver will remain in effect through September 30, 2018, unless changed with approval of the Board of Trustees.

The Morningstar category averages, percentile ranks and star ratings are sourced from the Morningstar Essentials files prepared for TIAA as well as from Morningstar Direct.

Under the Funds' expense reimbursement arrangements, the Funds' investment adviser, Teachers Advisors, LLC. ("Advisors"), has contractually agreed to reimburse the Funds for any Total Annual Fund Operating Expenses (excluding Acquired Fund Fees and Expenses and extraordinary expenses) that exceed the following annual rates of average daily net assets: a) 0.77% for the Growth & Income Fund; 0.85% for the International Equity Fund; 1.20% for the Emerging Markets Equity Fund; 0.77% for the Large-Cap Growth Fund; 0.77% for the Large-Cap Value Fund; 0.80% for the Mid-Cap Growth Fund; 0.80% for the Mid-Cap Value Fund; 0.78% for the Small-Cap Equity Fund; 0.34% for the Large-Cap Growth Index Fund; 0.34% for the Large-Cap Value Index Fund; 0.34% for the Equity Index Fund; 0.34% for the S&P 500 Index Fund; 0.34% for the Small-Cap Blend Index Fund; 0.40% for the International Equity Index Fund; 0.50% for the Emerging Markets Equity Index Fund; 0.47% for the Social Choice Equity Fund; 1.00% for the Global Natural Resources Fund; 0.95% for the International Opportunities Fund; 0.90% for the Emerging Markets Debt Fund; b) 0.82% for the Real Estate Securities Fund; 0.60% for the Bond Fund; 0.60% for the Bond Plus Fund; 0.55% for the Short-Term Bond Fund; 0.55% for the Inflation-Linked Bond Fund; 0.65% for the High-Yield Fund; 0.38% for the Bond Index Fund; 0.40% for the Money Market Fund; 0.65% for the Social Choice Bond Fund; 0.37% for the Short-Term Bond Index Fund; 0.57% for the Social Choice Low Carbon Equity Fund; 0.65% for the Social Choice International Equity Index; c) 0.25% for the Managed Allocation Fund.

a) These expense reimbursement arrangements will continue through at least February 28, 2019 unless changed with approval of the Board of Trustees.

b) These expense reimbursement arrangements will continue through at least July 31, 2018 unless changed with approval of the Board of Trustees.

c) These expense reimbursement arrangements will continue through at least September 30, 2018 unless changed with approval of the Board of Trustees.

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
RETAIL SHARE CLASS

FOR PERIOD ENDING June 30, 2018
 PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mil.)	Exp. Ratio (bps) ^[2]	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Return				Avg. Annual Return									
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inc.	
			04/01/17 to 03/31/18	04/01/15 to 03/31/18	04/01/13 to 03/31/18	04/01/08 to 03/31/18	06/01/18 to 06/30/18	04/01/18 to 06/30/18	01/01/18 to 06/30/18	07/01/17 to 06/30/18	07/01/15 to 06/30/18	07/01/13 to 06/30/18	07/01/08 to 06/30/18	06/30/18 to 06/30/18	Date	
U.S. Equities																
TIAA-CREF EQUITY INDEX FUND (TINRX)^[6]	\$18,152.20	33	13.52%	9.90%	12.67%	9.32%	0.63%	3.77%	3.05%	14.41%	11.24%	12.94%	9.92%	5.90%	7/1/1999	
Gross Expense Ratio		33													3/31/2006	
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	6.13%		
Fund vs. Russell 3000 Index			-29	-32	-36	-30	-2	-12	-17	-37	-34	-35	-31	-23		
PG: Large Blend M*star Category			12.82%	8.89%	11.72%	8.58%	N/A	N/A	N/A	12.58%	9.93%	11.73%	9.08%	N/A		
Fund vs. Large Blend M*star Category			70	101	95	74	N/A	N/A	N/A	183	131	121	84	N/A		
PG: Fund % Rank in Large Blend M*star Category			48%	38%	37%	29%	N/A	N/A	N/A	26%	34%	30%	30%	N/A		
PG: # of funds in Large Blend M*star Category			1401	1204	1077	802	N/A	N/A	N/A	1353	1166	1042	776	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A		
TIAA-CREF GROWTH & INCOME FUND (TIIRX)^[6]	\$6,863.70	70	16.49%	10.53%	13.45%	9.69%	0.45%	3.60%	4.16%	16.76%	11.28%	13.58%	10.21%	6.30%	7/1/1999	
Gross Expense Ratio		70													3/31/2006	
BM: S&P 500 Index			13.99%	10.78%	13.31%	9.49%	0.62%	3.43%	2.65%	14.37%	11.93%	13.42%	10.17%	5.64%		
Fund vs. S&P 500 Index			250	-25	14	20	-17	17	151	239	-65	16	4	66		
PG: Large Growth M*star Category			20.41%	10.64%	13.81%	9.87%	N/A	N/A	N/A	20.58%	12.21%	14.37%	10.23%	N/A		
Fund vs. Large Growth M*star Category			-392	-11	-36	-18	N/A	N/A	N/A	-382	-93	-79	-2	N/A		
PG: Fund % Rank in Large Growth M*star Category			77%	55%	60%	56%	N/A	N/A	N/A	72%	66%	65%	52%	N/A		
PG: # of funds in Large Growth M*star Category			1376	1213	1099	779	N/A	N/A	N/A	1454	1265	1141	825	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A		
TIAA-CREF LARGE-CAP GROWTH FUND (TIRTX)	\$5,273.50	75	26.70%	12.77%	16.14%	10.71%	1.06%	6.92%	10.86%	27.09%	14.66%	17.19%	11.21%	10.04%	3/31/2006	
Gross Expense Ratio		75													3/31/2006	
BM: Russell 1000 Growth Index			21.25%	12.90%	15.53%	11.34%	0.96%	5.76%	7.25%	22.51%	14.98%	16.36%	11.83%	10.21%		
Fund vs. Russell 1000 Growth Index			545	-13	61	-63	10	116	361	458	-32	83	-62	-17		
PG: Large Growth M*star Category			20.41%	10.64%	13.81%	9.87%	N/A	N/A	N/A	20.58%	12.21%	14.37%	10.23%	N/A		
Fund vs. Large Growth M*star Category			629	213	233	84	N/A	N/A	N/A	651	245	282	98	N/A		
PG: Fund % Rank in Large Growth M*star Category			14%	24%	16%	33%	N/A	N/A	N/A	15%	23%	15%	32%	N/A		
PG: # of funds in Large Growth M*star Category			1376	1213	1099	779	N/A	N/A	N/A	1454	1265	1141	825	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A		
TIAA-CREF LARGE-CAP VALUE FUND (TCLCX)	\$6,685.40	72	5.26%	6.59%	9.81%	7.55%	0.17%	1.41%	-1.31%	6.74%	7.19%	9.36%	8.35%	9.29%	10/1/2002	
Gross Expense Ratio		72													10/1/2002	
BM: Russell 1000 Value Index			6.95%	7.88%	10.78%	7.78%	0.25%	1.18%	-1.69%	6.77%	8.26%	10.34%	8.49%	9.33%		
Fund vs. Russell 1000 Value Index			-169	-129	-97	-23	-8	23	38	-3	-107	-98	-14	-4		
PG: Large Value M*star Category			9.07%	7.65%	10.32%	7.66%	N/A	N/A	N/A	9.04%	8.35%	9.94%	8.30%	N/A		
Fund vs. Large Value M*star Category			-381	-106	-51	-11	N/A	N/A	N/A	-230	-116	-58	5	N/A		
PG: Fund % Rank in Large Value M*star Category			88%	75%	69%	54%	N/A	N/A	N/A	74%	74%	71%	50%	N/A		
PG: # of funds in Large Value M*star Category			1263	1086	958	687	N/A	N/A	N/A	1273	1099	951	686	N/A		
Fund Star Rating			N/A	**	**	***	N/A	N/A	N/A	N/A	**	**	***	N/A		
TIAA-CREF MID-CAP GROWTH FUND (TCMGX)	\$1,555.80	80	18.35%	6.86%	11.18%	9.09%	-0.13%	3.37%	5.16%	17.30%	8.31%	11.12%	8.92%	11.39%	10/1/2002	
Gross Expense Ratio		80													10/1/2002	
BM: Russell Mid Cap Growth Index			19.74%	9.17%	13.31%	10.61%	0.39%	3.16%	5.40%	18.52%	10.73%	13.37%	10.45%	12.20%		
Fund vs. Russell Mid Cap Growth Index			-139	-231	-213	-152	-52	21	-24	-122	-242	-225	-153	-81		
PG: Mid-Cap Growth M*star Category			18.34%	8.28%	11.94%	9.39%	N/A	N/A	N/A	18.06%	9.68%	12.31%	9.45%	N/A		
Fund vs. Mid-Cap Growth M*star Category			1	-142	-76	-30	N/A	N/A	N/A	-76	-137	-119	-53	N/A		
PG: Fund % Rank in Mid-Cap Growth M*star Category			48%	72%	67%	61%	N/A	N/A	N/A	52%	70%	77%	65%	N/A		
PG: # of funds in Mid-Cap Growth M*star Category			613	549	485	352	N/A	N/A	N/A	607	541	480	344	N/A		
Fund Star Rating			N/A	**	***	***	N/A	N/A	N/A	N/A	**	**	***	N/A		
TIAA-CREF MID-CAP VALUE FUND (TCMVX)	\$3,894.70	71	5.89%	5.55%	9.82%	8.20%	0.04%	1.86%	0.57%	7.17%	6.80%	9.79%	8.43%	11.43%	10/1/2002	
Gross Expense Ratio		71													10/1/2002	
BM: Russell Mid Cap Value Index			6.50%	7.23%	11.11%	9.81%	0.81%	2.41%	-0.16%	7.60%	8.80%	11.27%	10.06%	11.65%		
Fund vs. Russell Mid Cap Value Index			-61	-168	-129	-161	-77	-55	73	-43	-200	-148	-163	-22		
PG: Mid-Cap Value M*star Category			7.30%	6.75%	10.06%	8.87%	N/A	N/A	N/A	8.86%	7.99%	10.12%	9.16%	N/A		
Fund vs. Mid-Cap Value M*star Category			-141	-120	-24	-67	N/A	N/A	N/A	-169	-119	-33	-73	N/A		
PG: Fund % Rank in Mid-Cap Value M*star Category			67%	71%	68%	69%	N/A	N/A	N/A	68%	72%	67%	64%	N/A		
PG: # of funds in Mid-Cap Value M*star Category			407	361	309	225	N/A	N/A	N/A	409	365	307	221	N/A		
Fund Star Rating			N/A	**	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A		
TIAA-CREF REAL ESTATE SECURITIES FUND (TCREX)	\$2,080.90	82	3.09%	3.02%	7.30%	6.46%	3.68%	7.24%	1.39%	6.65%	8.95%	9.07%	7.82%	10.22%	10/1/2002	
Gross Expense Ratio		82													10/1/2002	
BM: FTSE Nareit All Equity REITs Index			-1.09%	2.90%	6.66%	6.88%	4.18%	8.50%	1.27%	4.93%	9.14%	8.88%	8.30%	10.71%		
Fund vs. FTSE Nareit All Equity REITs Index			418	12	64	-42	-50	-126	12	172	-19	19	-48	-49		
PG: Real Estate M*star Category			-2.30%	1.26%	5.55%	5.88%	N/A	N/A	N/A	3.39%	7.22%	7.70%	7.27%	N/A		
Fund vs. Real Estate M*star Category			539	176	175	58	N/A	N/A	N/A	326	173	137	55	N/A		
PG: Fund % Rank in Real Estate M*star Category			8%	14%	5%	34%	N/A	N/A	N/A	7%	10%	10%	34%	N/A		
PG: # of funds in Real Estate M*star Category			261	228	198	143	N/A	N/A	N/A	259	230	199	143	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF SMALL-CAP EQUITY FUND (TCSEX)	\$3,748.00	71	10.58%	8.96%	12.49%	10.06%	-0.10%	5.19%	4.45%	14.76%	10.66%	12.78%	10.42%	11.18%	10/1/2002	
Gross Expense Ratio		71													10/1/2002	
BM: Russell 2000 Index			11.79%	8.39%	11.47%	9.84%	0.72%	7.75%	7.66%	17.57%	10.96%	12.46%	10.60%	11.44%		
Fund vs. Russell 2000 Index			-121	57	102	22	-82	-256	-321	-281	-30	32	-18	-26		
PG: Small Growth M*star Category			18.07%	8.77%	11.88%	10.28%	N/A	N/A	N/A	22.70%	11.04%	12.76%	10.85%	N/A		
Fund vs. Small Growth M*star Category			-749	19	61	-22	N/A	N/A	N/A	-794	-38	2	-43	N/A		
PG: Fund % Rank in Small Growth M*star Category			90%	48%	40%	54%	N/A	N/A	N/A	89%	55%	51%	58%	N/A		
PG: # of funds in Small Growth M*star Category			684	592	531	402	N/A	N/A	N/A	701	606	534	404	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A		
TIAA-CREF SMALL/MID-CAP EQUITY (TSMEX)	\$721.00	88	14.79%	N/A	N/A	N/A	0.46%	7.08%	7.08%	20.64%	N/A	N/A	N/A	18.10%	8/5/2016	
Gross Expense Ratio		88													8/5/2016	
BM: Russell 2500 Index			12.31%				0.72%	5.71%	5.46%	16.24%				15.69%		
Fund vs. Russell 2500 Index			248				-26	137	162	440				241		
PG: Small Blend M*star Category			9.68%				N/A	N/A	N/A	14.67%				N/A		
Fund vs. Small Blend M*star Category			511				N/A	N/A	N/A	597				N/A		
PG: Fund % Rank in Small Blend M*star Category			7%				N/A									

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
RETAIL SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.) 06/30/18	Exp. Ratio (bps) [2]	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Return				Avg. Annual Return									
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inc.	
04/01/17 to 03/31/18	04/01/15 to 03/31/18	04/01/13 to 03/31/18	04/01/08 to 03/31/18	06/01/18 to 06/30/18	04/01/18 to 06/30/18	01/01/18 to 06/30/18	07/01/17 to 06/30/18	07/01/15 to 06/30/18	07/01/13 to 06/30/18	07/01/08 to 06/30/18	06/30/18	06/30/18				
TIAA-CREF SOCIAL CHOICE EQUITY FUND (TICRX)^[6]	\$3,468.60	46	14.54%	9.57%	11.74%	9.08%	0.51%	2.68%	2.38%	13.32%	11.02%	11.75%	9.49%	5.67%	7/1/1999	
Gross Expense Ratio		46													3/31/2006	
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	6.13%		
Fund vs. Russell 3000 Index			73	-65	-129	-54	-14	-121	-84	-146	-56	-154	-74	-46		
PG: Large Blend M*star Category			12.82%	8.89%	11.72%	8.58%	N/A	N/A	N/A	12.58%	9.93%	11.73%	9.08%	N/A		
Fund vs. Large Blend M*star Category			172	68	2	50	N/A	N/A	N/A	74	109	2	41	N/A		
PG: Fund % Rank in Large Blend M*star Category			25%	44%	62%	38%	N/A	N/A	N/A	49%	39%	62%	44%	N/A		
PG: # of funds in Large Blend M*star Category			1401	1204	1077	802	N/A	N/A	N/A	1353	1166	1042	776	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A		
TIAA-CREF SOCIAL CHOICE LOW CARBON EQUITY FUND (TLWCX)	\$110.80	67	13.77%	N/A	N/A	N/A	0.31%	2.46%	1.98%	12.48%	N/A	N/A	N/A	11.10%	8/7/2015	
Gross Expense Ratio		97														
BM: Russell 3000 Index			13.81%				0.65%	3.89%	3.22%	14.78%				11.88%		
Fund vs. Russell 3000 Index			-4				-34	-143	-124	-230				-78		
PG: Large Blend M*star Category			12.82%				N/A	N/A	N/A	12.58%				N/A		
Fund vs. Large Blend M*star Category			95				N/A	N/A	N/A	-10				N/A		
PG: Fund % Rank in Large Blend M*star Category			41%				N/A	N/A	N/A	60%				N/A		
PG: # of funds in Large Blend M*star Category			1401				N/A	N/A	N/A	1353				N/A		
Fund Star Rating			N/A				N/A	N/A	N/A	N/A				N/A		
International Equities																
TIAA-CREF EMERGING MARKETS EQUITY FUND (TEMRX)	\$1,428.50	130	27.62%	9.90%	4.20%	N/A	-4.25%	-10.65%	-8.45%	7.57%	5.67%	3.81%	N/A	2.78%	8/31/2010	
Gross Expense Ratio		130														
BM: MS Emerging Market			24.93%	8.81%	4.99%		-4.15%	-7.96%	-6.66%	8.20%	5.60%	5.01%		3.69%		
Fund vs. MS Emerging Market			269	109	-79		-10	-269	-179	-63	7	-120		-91		
PG: Diversified Emerging Mkts M*star Category			22.90%	8.23%	4.45%		N/A	N/A	N/A	6.09%	4.76%	4.05%		N/A		
Fund vs. Diversified Emerging Mkts M*star Category			472	167	-25		N/A	N/A	N/A	148	91	-24		N/A		
PG: Fund % Rank in Diversified Emerging Mkts M*star Category			21%	29%	62%		N/A	N/A	N/A	39%	40%	64%		N/A		
PG: # of funds in Diversified Emerging Mkts M*star Category			815	666	474		N/A	N/A	N/A	823	688	489		N/A		
Fund Star Rating			N/A	***	***		N/A	N/A	N/A	N/A	***	***		N/A		
TIAA-CREF EMERGING MARKETS EQUITY INDEX FUND (TEQKX)	\$2,576.10	58	25.01%	8.66%	4.67%	N/A	-4.29%	-8.98%	-6.93%	7.33%	5.13%	4.54%	N/A	2.89%	8/31/2010	
Gross Expense Ratio		58														
BM: MS Emerging Market			24.93%	8.81%	4.99%		-4.15%	-7.96%	-6.66%	8.20%	5.60%	5.01%		3.69%		
Fund vs. MS Emerging Market			8	-15	-32		-14	-102	-27	-87	-47	-47		-80		
PG: Diversified Emerging Mkts M*star Category			22.90%	8.23%	4.45%		N/A	N/A	N/A	6.09%	4.76%	4.05%		N/A		
Fund vs. Diversified Emerging Mkts M*star Category			211	43	22		N/A	N/A	N/A	124	37	49		N/A		
PG: Fund % Rank in Diversified Emerging Mkts M*star Category			39%	47%	51%		N/A	N/A	N/A	42%	48%	48%		N/A		
PG: # of funds in Diversified Emerging Mkts M*star Category			815	666	474		N/A	N/A	N/A	823	688	489		N/A		
Fund Star Rating			N/A	***	***		N/A	N/A	N/A	N/A	***	***		N/A		
TIAA-CREF INTERNATIONAL EQUITY FUND (TIERX)^[6]	\$4,853.20	79	20.00%	6.37%	7.49%	2.84%	-2.67%	-3.57%	-4.78%	6.45%	4.51%	6.49%	3.18%	5.11%	7/1/1999	
Gross Expense Ratio		79													3/31/2006	
BM: Morgan Stanley EAFE Index			14.80%	5.55%	6.50%	2.74%	-1.22%	-1.24%	-2.75%	6.84%	4.90%	6.44%	2.84%	4.17%		
Fund vs. Morgan Stanley EAFE Index			520	82	99	10	-145	-233	-203	-39	-39	5	34	94		
PG: Foreign Large Blend M*star Category			20.06%	7.35%	7.62%	3.90%	N/A	N/A	N/A	6.08%	4.56%	5.92%	2.61%	N/A		
Fund vs. Foreign Large Blend M*star Category			-6	-98	-13	-106	N/A	N/A	N/A	37	-5	57	57	N/A		
PG: Fund % Rank in Foreign Large Blend M*star Category			45%	62%	44%	84%	N/A	N/A	N/A	49%	55%	34%	30%	N/A		
PG: # of funds in Foreign Large Blend M*star Category			409	339	293	211	N/A	N/A	N/A	774	623	533	371	N/A		
Fund Star Rating			N/A	**	***	-	N/A	N/A	N/A	N/A	***	***	***	N/A		
TIAA-CREF INTERNATIONAL OPPORTUNITIES FUND (TIOSX)	\$1,542.20	108	25.18%	8.73%	N/A	N/A	-1.40%	-0.52%	0.45%	15.21%	7.01%	7.48%	N/A	6.49%	4/12/2013	
Gross Expense Ratio		108														
BM: MSCI ACWI ex-US Small Cap Index			16.53%	6.18%			-1.88%	-2.61%	-3.77%	7.28%	5.07%	5.99%		4.85%		
Fund vs. MSCI ACWI ex-US Small Cap Index			865	255			48	209	422	793	194	149		164		
PG: Foreign Large Growth M*star Category			20.06%	7.35%			N/A	N/A	N/A	10.53%	6.62%	7.72%		N/A		
Fund vs. Foreign Large Growth M*star Category			512	138			N/A	N/A	N/A	468	39	-24		N/A		
PG: Fund % Rank in Foreign Large Growth M*star Category			19%	25%			N/A	N/A	N/A	15%	38%	47%		N/A		
PG: # of funds in Foreign Large Growth M*star Category			409	339			N/A	N/A	N/A	423	344	304		N/A		
Fund Star Rating			N/A	***			N/A	N/A	N/A	N/A	***	***		N/A		
TIAA-CREF INTERNATIONAL SMALL-CAP EQUITY FUND (TLISX)	\$956.60	115	21.20%	N/A	N/A	N/A	-3.73%	-5.75%	-7.11%	5.81%	N/A	N/A	N/A	14.58%	12/9/2016	
Gross Expense Ratio		143														
BM: MSCI ACWI ex-US Small Cap Index			20.60%				-2.73%	-2.60%	-2.94%	10.57%				17.51%		
Fund vs. MSCI ACWI ex-US Small Cap Index			60				-100	-315	-417	-476				-293		
PG: Foreign Small/Mid Value M*star Category			20.74%				N/A	N/A	N/A	6.93%				N/A		
Fund vs. Foreign Small/Mid Value M*star Category			46				N/A	N/A	N/A	-112				N/A		
PG: Fund % Rank in Foreign Small/Mid Value M*star Category			46%				N/A	N/A	N/A	76%				N/A		
PG: # of funds in Foreign Small/Mid Value M*star Category			113				N/A	N/A	N/A	64				N/A		
Fund Star Rating			N/A				N/A	N/A	N/A	N/A				N/A		
TIAA-CREF SOCIAL CHOICE INTERNATIONAL EQUITY FUND (TSORX)	\$52.50	76	14.16%	N/A	N/A	N/A	-1.28%	-2.44%	-3.31%	5.10%	N/A	N/A	N/A	4.31%	8/7/2015	
Gross Expense Ratio		156														
BM: Morgan Stanley EAFE Index			14.80%				-1.22%	-1.24%	-2.75%	6.84%				4.53%		
Fund vs. Morgan Stanley EAFE Index			-64				-6	-120	-56	-174				-22		
PG: Foreign Large Blend M*star Category			15.20%				N/A	N/A	N/A	6.08%				N/A		
Fund vs. Foreign Large Blend M*star Category			-104				N/A	N/A	N/A	-98				N/A		
PG: Fund % Rank in Foreign Large Blend M*star Category			72%				N/A	N/A	N/A	69%				N/A		
PG: # of funds in Foreign Large Blend M*star Category			768				N/A	N/A	N/A	774				N/A		
Fund Star Rating			N/A				N/A	N/A	N/A	N/A				N/A		

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
RETAIL SHARE CLASS

FOR PERIOD ENDING June 30, 2018
 PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mil.)	Exp. Ratio (bps) ⁽²⁾	Previous Quarter-End Returns				Current Month-End Returns								
			Avg. Annual Return									Avg. Annual Return			
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inc.
	06/30/18		04/01/17 to 03/31/18	04/01/15 to 03/31/18	04/01/13 to 03/31/18	04/01/08 to 03/31/18	06/01/18 to 06/30/18	04/01/18 to 06/30/18	01/01/18 to 06/30/18	07/01/17 to 06/30/18	07/01/15 to 06/30/18	07/01/13 to 06/30/18	07/01/08 to 06/30/18	06/30/18 to 06/30/18	Date
Fixed Income															
TIAA-CREF BOND FUND (TIORX)	\$4,722.30	61	1.45%	1.73%	2.22%	3.83%	-0.16%	-0.37%	-1.86%	-0.49%	2.15%	2.74%	3.92%	4.81%	7/1/1999
Gross Expense Ratio 61															
BM: Bloomberg Barclays U.S. Aggregate Bond Index															
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index															
PG: Intermediate-Term Bond M*star Category															
Fund vs. Intermediate-Term Bond M*star Category															
PG: Fund % Rank in Intermediate-Term Bond M*star Category															
PG: # of funds in Intermediate-Term Bond M*star Category															
Fund Star Rating															
TIAA-CREF BOND INDEX FUND (TBILX)	\$10,172.10	44	0.66%	0.68%	1.33%	N/A	0.01%	-0.27%	-1.94%	-0.96%	1.24%	1.79%	N/A	2.64%	9/14/2009
Gross Expense Ratio 44															
BM: Bloomberg Barclays U.S. Aggregate Bond Index															
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index															
PG: Intermediate-Term Bond M*star Category															
Fund vs. Intermediate-Term Bond M*star Category															
PG: Fund % Rank in Intermediate-Term Bond M*star Category															
PG: # of funds in Intermediate-Term Bond M*star Category															
Fund Star Rating															
TIAA-CREF BOND PLUS FUND (TCBPX)	\$4,078.80	63	1.75%	1.90%	2.36%	4.17%	-0.14%	-0.32%	-1.60%	-0.19%	2.25%	2.85%	4.25%	4.18%	3/31/2006
Gross Expense Ratio 63															
BM: Bloomberg Barclays U.S. Aggregate Bond Index															
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index															
PG: Intermediate-Term Bond M*star Category															
Fund vs. Intermediate-Term Bond M*star Category															
PG: Fund % Rank in Intermediate-Term Bond M*star Category															
PG: # of funds in Intermediate-Term Bond M*star Category															
Fund Star Rating															
TIAA-CREF EMERGING MARKETS DEBT FUND (TEDLX)	\$374.40	100	7.25%	7.02%	N/A	N/A	-2.03%	-5.46%	-6.15%	-1.23%	5.16%	N/A	N/A	3.56%	9/26/2014
Gross Expense Ratio 117															
BM: J.P. Morgan Emerging Markets Bond Index (EMBI) Global Diversified															
Fund vs. J.P. Morgan Emerging Markets Bond Index (EMBI) Global Diversified															
PG: Emerging Markets Bond M*star Category															
Fund vs. Emerging Markets Bond M*star Category															
PG: Fund % Rank in Emerging Markets Bond M*star Category															
PG: # of funds in Emerging Markets Bond M*star Category															
Fund Star Rating															
TIAA-CREF HIGH YIELD BOND FUND (TIYRX)	\$4,028.40	63	2.47%	4.18%	4.19%	7.31%	0.46%	1.06%	-0.04%	1.99%	4.57%	4.79%	7.27%	6.66%	3/31/2006
Gross Expense Ratio 63															
BM: ICE BofA ML BB-B Cash Pay Issuer Constrained Index (New)															
Fund vs. ICE BofA ML BB-B Cash Pay Issuer Constrained Index (New)															
PG: High Yield Bond M*star Category															
Fund vs. High Yield Bond M*star Category															
PG: Fund % Rank in High Yield Bond M*star Category															
PG: # of funds in High Yield Bond M*star Category															
Fund Star Rating															
TIAA-CREF INFLATION-LINKED BOND FUND (TCILX)⁽⁸⁾	\$2,990.50	63	-0.14%	0.29%	-0.74%	2.21%	0.33%	0.51%	-0.12%	0.91%	0.94%	0.83%	2.31%	3.69%	10/1/2002
Gross Expense Ratio 63															
BM: Bloomberg Barclays US TIPS 1-10 Year Index															
Fund vs. Bloomberg Barclays US TIPS 1-10 Year Index															
PG: Inflation-Protected Bond M*star Category															
Fund vs. Inflation-Protected Bond M*star Category															
PG: Fund % Rank in Inflation-Protected Bond M*star Category															
PG: # of funds in Inflation-Protected Bond M*star Category															
Fund Star Rating															
TIAA-CREF INTERNATIONAL BOND FUND (TIBEX)	\$260.40	90	4.63%	N/A	N/A	N/A	-0.20%	-1.50%	-0.71%	1.67%	N/A	N/A	N/A	0.69%	8/5/2016
Gross Expense Ratio 96															
BM: Bloomberg Barclays Global Aggregate ex-USD Index (Hedged)															
Fund vs. Bloomberg Barclays Global Aggregate ex-USD Index (Hedged)															
PG: World Bond M*star Category															
Fund vs. World Bond M*star Category															
PG: Fund % Rank in World Bond M*star Category															
PG: # of funds in World Bond M*star Category															
Fund Star Rating															
TIAA-CREF SHORT-TERM BOND FUND (TCTR)	\$1,810.10	58	0.84%	1.08%	0.87%	2.11%	0.09%	0.13%	0.04%	0.60%	1.18%	1.16%	2.20%	2.61%	3/31/2006
Gross Expense Ratio 58															
BM: Bloomberg Barclays US 1-3 Yr Govt Credit Index															
Fund vs. Bloomberg Barclays US 1-3 Yr Govt Credit Index															
PG: Short-Term Bond M*star Category															
Fund vs. Short-Term Bond M*star Category															
PG: Fund % Rank in Short-Term Bond M*star Category															
PG: # of funds in Short-Term Bond M*star Category															
Fund Star Rating															
TIAA-CREF SHORT-TERM BOND INDEX FUND (TRSHX)	\$387.60	42	-0.24%	N/A	N/A	N/A	0.03%	0.18%	-0.10%	-0.18%	N/A	N/A	N/A	0.24%	8/7/2015
Gross Expense Ratio 55															
BM: Bloomberg Barclays US 1-3 Yr Govt Credit Index															
Fund vs. Bloomberg Barclays US 1-3 Yr Govt Credit Index															
PG: Short-Term Bond M*star Category															
Fund vs. Short-Term Bond M*star Category															
PG: Fund % Rank in Short-Term Bond M*star Category															
PG: # of funds in Short-Term Bond M*star Category															
Fund Star Rating															

INVESTMENT PERFORMANCE SUMMARY

TIAA-CREF FUNDS

RETAIL SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.) 06/30/18	Exp. Ratio (bps) ^[2]	Previous Quarter-End Returns				Current Month-End Returns								
			Avg. Annual Return				Avg. Annual Return								
			1 Year 04/01/17 to 03/31/18	3 Year 04/01/15 to 03/31/18	5 Year 04/01/13 to 03/31/18	10 Year 04/01/08 to 03/31/18	1 Month 06/01/18 to 06/30/18	3 Month 04/01/18 to 06/30/18	YTD 01/01/18 to 06/30/18	1 Year 07/01/17 to 06/30/18	3 Year 07/01/15 to 06/30/18	5 Year 07/01/13 to 06/30/18	10 Year 07/01/08 to 06/30/18	Since Inception to 06/30/18	Inc. Date
TIAA-CREF SOCIAL CHOICE BOND FUND (TSBRX)	\$2,315.60	67	1.88%	1.57%	2.68%	N/A	-0.08%	-0.24%	-1.39%	0.16%	2.11%	3.18%	N/A	2.49%	9/21/2012
Gross Expense Ratio			67												
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%		-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%			1.63%
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			68	37	86		4	-8	23	56	39	91			86
PG: Intermediate-Term Bond M*star Category			1.31%	1.27%	1.73%		N/A	N/A	N/A	-0.36%	1.68%	2.20%			N/A
Fund vs. Intermediate-Term Bond M*star Category			57	30	95		N/A	N/A	N/A	52	43	98			N/A
PG: Fund % Rank in Intermediate-Term Bond M*star Category			23%	31%	8%		N/A	N/A	N/A	19%	27%	6%			N/A
PG: # of funds in Intermediate-Term Bond M*star Category			999	858	784		N/A	N/A	N/A	999	878	778			N/A
Fund Star Rating			N/A	****	*****		N/A	N/A	N/A	N/A	****	*****			N/A
TIAA-CREF TAX-EXEMPT BOND FUND (TIXRX)	\$262.70	63	2.20%	1.16%	1.34%	3.46%	0.00%	0.57%	-0.40%	0.89%	1.74%	2.15%	3.58%	3.58%	3/31/2006
Gross Expense Ratio			65												
BM: Bloomberg Barclays 10-Year Municipal Bond Index			2.31%	2.14%	2.72%	4.66%	0.07%	0.90%	-0.72%	0.86%	2.84%	3.56%	4.74%	4.65%	
Fund vs. Bloomberg Barclays 10-Year Municipal Bond Index			-11	-98	-138	-120	-7	-33	32	3	-110	-141	-116	-107	
PG: Muni National Interim M*star Category			2.12%	1.71%	2.06%	3.61%	N/A	N/A	N/A	1.14%	2.30%	2.89%	3.67%	N/A	
Fund vs. Muni National Interim M*star Category			8	-55	-72	-15	N/A	N/A	N/A	-25	-56	-74	-9	N/A	
PG: Fund % Rank in Muni National Interim M*star Category			43%	80%	85%	63%	N/A	N/A	N/A	52%	79%	83%	57%	N/A	
PG: # of funds in Muni National Interim M*star Category			298	257	232	156	N/A	N/A	N/A	304	261	233	154	N/A	
Fund Star Rating			N/A	**	**	**	N/A	N/A	N/A	N/A	**	**	**	N/A	
Multi-Asset															
TIAA-CREF LIFECYCLE RETIREMENT INCOME FUND (TLRRX)^[9]	\$541.40	63	7.49%	4.74%	5.44%	5.37%	-0.18%	0.43%	0.00%	5.45%	5.02%	5.81%	5.56%	4.77%	11/30/2007
Gross Expense Ratio			82												
BM: Lifecycle Retirement Income Fund Composite Index			6.36%	4.35%	5.22%	5.38%	-0.08%	0.80%	-0.10%	5.00%	4.86%	5.64%	5.58%	4.89%	
Fund vs. Lifecycle Retirement Income Fund Composite Index			113	39	22	-1	-10	-37	10	45	16	17	-2	-12	
BM: S&P Target Date Retirement Income Index			5.35%	3.54%	4.13%	4.27%	-0.03%	0.70%	-0.11%	4.23%	4.08%	4.56%	4.50%	3.82%	
Fund vs. S&P Target Date Retirement Income Index			214	120	131	110	-15	-27	11	122	94	125	106	95	
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%	3.63%	-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%	3.72%	3.65%	
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			629	354	362	174	-6	59	162	585	330	354	184	112	
PG: Target-Date Retirement M*star Category			4.95%	3.22%	3.83%	4.31%	N/A	N/A	N/A	3.50%	3.66%	4.26%	4.45%	N/A	
Fund vs. Target-Date Retirement M*star Category			254	152	161	106	N/A	N/A	N/A	195	136	155	111	N/A	
PG: Fund % Rank in Target-Date Retirement M*star Category			5%	4%	4%	4%	N/A	N/A	N/A	5%	6%	3%	3%	N/A	
PG: # of funds in Target-Date Retirement M*star Category			183	160	131	90	N/A	N/A	N/A	188	163	133	92	N/A	
Fund Star Rating			N/A	*****	*****	*****	N/A	N/A	N/A	N/A	*****	*****	*****	N/A	
TIAA-CREF LIFESTYLE AGGRESSIVE GROWTH FUND (TSALX)^[11]	\$115.20	88	16.90%	8.99%	10.87%	N/A	-0.47%	1.51%	1.57%	13.70%	9.19%	10.89%	N/A	12.47%	12/9/2011
Gross Expense Ratio			118												
BM: Lifestyle Aggressive Composite Benchmark			14.81%	9.11%	10.94%		-0.14%	1.93%	1.15%	12.67%	9.71%	11.15%		12.51%	
Fund vs. Lifestyle Aggressive Composite Benchmark			209	-12	-7		-33	-42	42	103	-52	-26		-4	
BM: Morningstar Aggressive Target Risk TR USD			14.10%	8.71%	9.73%		-0.22%	1.14%	0.46%	11.42%	9.00%	9.93%		11.26%	
Fund vs. Morningstar Aggressive Target Risk TR USD			280	28	114		-25	37	111	228	19	96		121	
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		14.87%	
Fund vs. Russell 3000 Index			309	-123	-216		-112	-238	-165	-108	-239	-240		-240	
PG: Allocation--85%+ Equity M*star Category			11.51%	6.66%	9.40%		N/A	N/A	N/A	10.33%	7.62%	9.49%		N/A	
Fund vs. Allocation--85%+ Equity M*star Category			539	233	147		N/A	N/A	N/A	337	157	140		N/A	
PG: Fund % Rank in Allocation--85%+ Equity M*star Category			2%	4%	6%		N/A	N/A	N/A	8%	12%	10%		N/A	
PG: # of funds in Allocation--85%+ Equity M*star Category			191	167	141		N/A	N/A	N/A	200	179	154		N/A	
Fund Star Rating			N/A	*****	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFESTYLE CONSERVATIVE FUND (TSCLX)^[10]	\$225.10	73	7.52%	4.67%	5.49%	N/A	-0.28%	0.44%	-0.10%	5.38%	4.88%	5.75%	N/A	6.48%	12/9/2011
Gross Expense Ratio			85												
BM: Lifestyle Conservative Composite Benchmark			6.34%	4.33%	5.28%		-0.10%	0.76%	-0.11%	4.87%	4.78%	5.59%		6.05%	
Fund vs. Lifestyle Conservative Composite Benchmark			118	34	21		-18	-32	1	51	10	16		43	
BM: Morningstar Moderately Conservative Target Risk TR USD			6.54%	4.70%	4.95%		-0.07%	0.39%	-0.53%	4.68%	4.98%	5.23%		5.87%	
Fund vs. Morningstar Moderately Conservative Target Risk TR USD			98	-3	54		-21	5	43	70	-10	52		61	
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%		-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%		2.10%	
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			632	347	367		-16	60	152	578	316	348		438	
PG: Allocation--30% to 50% Equity M*star Category			5.40%	3.70%	4.65%		N/A	N/A	N/A	4.01%	4.17%	5.00%		N/A	
Fund vs. Allocation--30% to 50% Equity M*star Category			212	97	84		N/A	N/A	N/A	137	71	75		N/A	
PG: Fund % Rank in Allocation--30% to 50% Equity M*star Category			12%	17%	21%		N/A	N/A	N/A	20%	24%	22%		N/A	
PG: # of funds in Allocation--30% to 50% Equity M*star Category			511	423	354		N/A	N/A	N/A	517	425	358		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFESTYLE GROWTH FUND (TSGLX)^[11]	\$153.70	82	13.78%	7.70%	9.20%	N/A	-0.38%	1.10%	0.84%	10.84%	7.89%	9.33%	N/A	10.66%	12/9/2011
Gross Expense Ratio			101												
BM: Lifestyle Growth Composite Benchmark			12.02%	7.59%	9.15%		-0.14%	1.51%	0.63%	10.00%	8.16%	9.41%		10.45%	
Fund vs. Lifestyle Growth Composite Benchmark			176	11	5		-24	-41	21	84	-27	-8		21	
BM: Morningstar Moderately Aggressive Target Risk TR USD			12.00%	7.61%	8.42%		-0.23%	0.76%	-0.03%	9.33%	7.82%	8.60%		9.76%	
Fund vs. Morningstar Moderately Aggressive Target Risk TR USD			178	9	78		-15	34	87	151	7	73		90	
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		14.87%	
Fund vs. Russell 3000 Index			-3	-252	-383		-103	-279	-238	-394	-369	-396		-421	
PG: Allocation--70% to 85% Equity M*star Category			9.75%	5.63%	7.74%		N/A	N/A	N/A	8.46%	6.38%	7.97%		N/A	
Fund vs. Allocation--70% to 85% Equity M*star Category			403	207	146		N/A	N/A	N/A	238	151	136		N/A	
PG: Fund % Rank in Allocation--70% to 85% Equity M*star Category			12%	11%	17%		N/A	N/A	N/A	16%	19%	20%		N/A	
PG: # of funds in Allocation--70% to 85% Equity M*star Category			351	318	276		N/A	N/A	N/A	344	313	274		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
RETAIL SHARE CLASS

FOR PERIOD ENDING June 30, 2018
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) [2]	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Return				Avg. Annual Return									
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception		
TIAA-CREF LIFESTYLE INCOME FUND (TSILX)^[10]	\$70.80	71	4.30%	3.02%	3.42%	N/A	-0.08%	0.19%	-0.36%	2.79%	3.25%	3.77%	N/A	4.17%	12/9/2011	
Gross Expense Ratio		99														
BM: Lifestyle Income Composite Benchmark			3.46%	2.62%	3.21%		-0.07%	0.43%	-0.35%	2.40%	2.96%	3.51%		3.73%		
Fund vs. Lifestyle Income Composite Benchmark			84	40	21		-1	-24	-1	39	29	26		44		
BM: Morningstar Conservative Target Risk TR USD			4.02%	3.03%	2.93%		-0.04%	0.00%	-0.85%	2.33%	3.24%	3.24%		3.62%		
Fund vs. Morningstar Conservative Target Risk TR USD			28	-1	49		-4	19	49	46	1	53		55		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			1.20%	1.20%	1.82%		-0.12%	-0.16%	-1.62%	-0.40%	1.72%	2.27%		2.10%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			310	182	160		4	35	126	319	153	150		207		
PG: Allocation--15% to 30% Equity Mstar Category			2.99%	2.52%	2.80%		N/A	N/A	N/A	1.84%	2.89%	3.30%		N/A		
Fund vs. Allocation--15% to 30% Equity Mstar Category			131	50	62		N/A	N/A	N/A	95	36	47		N/A		
PG: Fund % Rank in Allocation--15% to 30% Equity Mstar Category			24%	33%	41%		N/A	N/A	N/A	33%	44%	40%		N/A		
PG: # of funds in Allocation--15% to 30% Equity Mstar Category			200	176	149		N/A	N/A	N/A	207	183	151		N/A		
Fund Star Rating			N/A	****	***		N/A	N/A	N/A	N/A	***	***		N/A		
TIAA-CREF LIFESTYLE MODERATE FUND (TSM LX)^[11]	\$335.20	77	10.75%	6.31%	7.55%	N/A	-0.32%	0.75%	0.28%	8.11%	6.53%	7.76%	N/A	8.82%	12/9/2011	
Gross Expense Ratio		86														
BM: Lifestyle Moderate Composite Benchmark			9.27%	6.03%	7.34%		-0.13%	1.09%	0.10%	7.36%	6.59%	7.66%		8.37%		
Fund vs. Lifestyle Moderate Composite Benchmark			148	28	21		-19	-34	18	75	-6	10		45		
BM: Morningstar Moderate Target Risk TR USD			9.09%	6.13%	6.69%		-0.15%	0.56%	-0.31%	6.92%	6.41%	6.92%		7.84%		
Fund vs. Morningstar Moderate Target Risk TR USD			166	18	86		-17	19	59	119	12	84		98		
BM: Russell 3000 Index			13.81%	10.22%	13.03%		0.65%	3.89%	3.22%	14.78%	11.58%	13.29%		14.87%		
Fund vs. Russell 3000 Index			-306	-391	-548		-97	-314	-294	-667	-505	-553		-605		
PG: Allocation--50% to 70% Equity Mstar Category			7.78%	4.89%	6.55%		N/A	N/A	N/A	6.58%	5.59%	6.85%		N/A		
Fund vs. Allocation--50% to 70% Equity Mstar Category			297	142	100		N/A	N/A	N/A	153	94	91		N/A		
PG: Fund % Rank in Allocation--50% to 70% Equity Mstar Category			12%	19%	32%		N/A	N/A	N/A	24%	28%	30%		N/A		
PG: # of funds in Allocation--50% to 70% Equity Mstar Category			777	680	628		N/A	N/A	N/A	766	674	617		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF MANAGED ALLOCATION FUND (TIMRX)^[11]	\$864.30	65	10.70%	6.46%	7.64%	6.35%	-0.34%	0.67%	0.17%	8.02%	6.67%	7.84%	6.61%	5.95%	3/31/2006	
Gross Expense Ratio		72														
BM: Managed Allocation Composite Index ^[5]			9.27%	6.03%	7.40%	6.38%	-0.13%	1.09%	0.10%	7.36%	6.59%	7.66%	6.64%	6.12%		
Fund vs. Managed Allocation Composite Index			143	43	24	-3	-21	-42	7	66	8	18	-3	-17		
BM: Morningstar Moderate Target Risk TR USD			9.09%	6.13%	6.69%	6.12%	-0.15%	0.56%	-0.31%	6.92%	6.41%	6.92%	6.28%	6.10%		
Fund vs. Morningstar Moderate Target Risk TR USD			161	33	95	23	-19	11	48	110	26	92	33	-15		
BM: Russell 3000 Index			13.81%	10.22%	13.03%	9.62%	0.65%	3.89%	3.22%	14.78%	11.58%	13.29%	10.23%	8.52%		
Fund vs. Russell 3000 Index			-311	-376	-539	-327	-99	-322	-305	-676	-491	-545	-362	-257		
PG: Allocation--50% to 70% Equity Mstar Category			7.78%	4.89%	6.55%	6.06%	N/A	N/A	N/A	6.58%	5.59%	6.85%	6.27%	N/A		
Fund vs. Allocation--50% to 70% Equity Mstar Category			292	157	109	29	N/A	N/A	N/A	144	108	99	34	N/A		
PG: Fund % Rank in Allocation--50% to 70% Equity Mstar Category			12%	16%	29%	41%	N/A	N/A	N/A	25%	25%	28%	41%	N/A		
PG: # of funds in Allocation--50% to 70% Equity Mstar Category			777	680	628	442	N/A	N/A	N/A	766	674	617	439	N/A		
Fund Star Rating			N/A	****	****	***	N/A	N/A	N/A	N/A	****	****	***	N/A		

MUTUAL FUND TOTALS^[11] **\$96,395.10**

BM = Benchmark; PG = Peer Group; % Rank within Morningstar Category: 1 = Best 100 = Worst; Morningstar Category Returns are equal-weighted.

[1] Combined Mutual Funds' Net Assets exclude the Managed Allocation Fund, Lifecycle Funds, and Lifestyle Funds.

[2] The net expense ratio (top number) represents expenses after reimbursement and waivers, and is what participants actually pay. The number below represents the gross expense ratio, before consideration for reimbursements and/or waivers.

[3] The "Since Inception" benchmark performance shown is computed from August 1999.

[4] The "Since Inception" values presented are cumulative values and not average annualized total returns.

[5] 42% Russell 3000® Index, 40% Bloomberg Barclays U.S. Aggregate Bond Index, 18% Morgan Stanley All Country World Index ex-USA.

[6] The Retail Class began operations on March 31, 2006. Where a product lists two inception dates, the top date reflects the inception date of the product's oldest share class, and the bottom date represents the date of inception for the Share Class being reported. Performance shown for periods prior to the inception of the Retail Class reflects the performance of the Institutional Class, and has not been adjusted to reflect the higher expenses of the Retail Class.

[7] Beginning August 18, 2009, part or all of the 12b-1 distribution expenses of the Retail Class of the TIAA-CREF Money Market Fund are not being reimbursed to the Fund's distributor. The Fund's advisor is also waiving part or all of the investment management fees and reimbursing certain other Fund expenses. Without these changes, current and effective annualized yields and total returns would have been lower. These voluntary fee and waivers and reimbursements may be discontinued at any time without notice.

[8] Effective January 1, 2016 the Fund's benchmark index changed from the Bloomberg Barclays U.S. TIPS Index to the Bloomberg Barclays 1-10 US Treasury Inflation Protected Securities Index.

[9] The S&P Target Date Indexes represent a broadly derived consensus of asset class exposure for the respective target retirement date based on market observations acquired through an annual survey of target date fund managers. The S&P Target Date Index returns include the fees and expenses of the exchange-traded funds that comprise each respective index. Previously, the Lifecycle Active and Index 2010, 2015 and Retirement Income Funds compared their performance to the Bloomberg Barclays U.S. Aggregate Bond Index instead of the S&P Target Date Indexes shown in the chart above. The returns of the S&P Target Date Indexes are more appropriate for comparison purposes because they reflect multi-asset class exposure for the same target date as the Fund.

[10] The Morningstar Target Risk Indexes are asset allocation indexes comprised of constituent Morningstar indexes and reflect global equity market exposure of 20%, 40%, 60%, 80% or 95% based on an asset allocation methodology from Ibbotson Associates, a Morningstar company. The returns of the Morningstar Target Risk Indexes do not reflect a deduction for fees or expenses. Previously, the Lifestyle Conservative and Lifestyle Income Funds compared their performance to the Bloomberg Barclays U.S. Aggregate Bond Index instead of the Morningstar Target Risk Indexes shown in the chart above. The returns of the Morningstar Target Risk Indexes are more appropriate for comparison purposes because they reflect multi-asset class exposure and similar risk profiles.

[11] The Morningstar Target Risk Indexes are asset allocation indexes comprised of constituent Morningstar indexes and reflect global equity market exposure of 20%, 40%, 60%, 80% or 95% based on an asset allocation methodology from Ibbotson Associates, a Morningstar company. The returns of the Morningstar Target Risk Indexes do not reflect a deduction for fees or expenses. Previously, the Lifestyle Moderate, Growth and Aggressive, and the TIAA-CREF Managed Allocation Fund compared their performance to the Russell 3000 Index instead of the Morningstar Target Risk Indexes shown in the chart above. The returns of the Morningstar Target Risk Indexes are more appropriate for comparison purposes because they reflect multi-asset class exposure and similar risk profiles.

[12] Effective October 1, 2016, the iMoneyNet Money Fund Averages-All Taxable peer group was changed to the iMoneyNet Money Fund Averages-All Government.

Teachers Advisors, LLC ("Advisors"), the Funds' investment adviser has contractually agreed to reimburse the Funds for any Total Annual Fund Operating Expenses (excluding Acquired Fund Fees and Expenses and extraordinary expenses) that exceed the following annual rates of average daily net assets: a) 0.91% for the Growth & Income Fund; 0.99% for the International Equity Fund; 1.34% for the Emerging Markets Equity Fund; 0.91% for the Large-Cap Growth Fund; 0.91% for the Large-Cap Value Fund; 0.94% for the Mid-Cap Growth Fund; 0.94% for the Mid-Cap Value Fund; 0.92% for the Small-Cap Equity Fund; 0.48% for the Equity Index Fund; 0.64% for the Emerging Markets Equity Index Fund; 0.61% for the Social Choice Equity Fund; 1.14% for the Global Natural Resources Fund; 1.09% for the International Opportunities Fund; 1.00% for the Emerging Markets Debt Fund; 0.96% for the Real Estate Securities Fund; 0.70% for the Bond Fund; 0.70% for the Bond Plus Fund; 0.65% for the Short-Term Bond Fund; 0.65% for the Inflation-Linked Bond Fund; 0.75% for the High-Yield Fund; 0.70% for the Tax-Exempt Bond Fund; 0.48% for the Bond Index Fund; 0.50% for the Money Market Fund; 0.75% for the Social Choice Bond Fund; 0.47% for the Short-Term Bond Index Fund; 0.71% for the Social Choice Low Carbon Equity Fund; 0.79% for the Social Choice International Equity Index; c) 0.25% for the Managed Allocation Fund.

In addition to the expense reimbursement arrangement, Advisors has contractually agreed to waive a portion of the Fund's Management Fee equal to, on an annual basis of 0.10% for the all of the Lifecycle Funds. This waiver will remain in effect through September 30, 2018, unless changed with approval of the Board of Trustees.

The Morningstar category averages, percentile ranks and star ratings are sourced from the Morningstar Essentials files prepared for TIAA as well as from Morningstar Direct.

Under the Funds' expense reimbursement arrangements, the Funds' investment adviser, Teachers Advisors, LLC ("Advisors"), has contractually agreed to reimburse the Funds for any Total Annual Fund Operating Expenses (excluding Acquired Fund Fees and Expenses and extraordinary expenses) that exceed the following annual rates of average daily net assets: a) 0.91% for the Growth & Income Fund; 0.99% for the International Equity Fund; 1.34% for the Emerging Markets Equity Fund; 0.91% for the Large-Cap Growth Fund; 0.91% for the Large-Cap Value Fund; 0.94% for the Mid-Cap Growth Fund; 0.94% for the Mid-Cap Value Fund; 0.92% for the Small-Cap Equity Fund; 0.48% for the Equity Index Fund; 0.64% for the Emerging Markets Equity Index Fund; 0.61% for the Social Choice Equity Fund; 1.14% for the Global Natural Resources Fund; 1.09% for the International Opportunities Fund; 1.00% for the Emerging Markets Debt Fund; 0.96% for the Real Estate Securities Fund; 0.70% for the Bond Fund; 0.70% for the Bond Plus Fund; 0.65% for the Short-Term Bond Fund; 0.65% for the Inflation-Linked Bond Fund; 0.75% for the High-Yield Fund; 0.70% for the Tax-Exempt Bond Fund; 0.48% for the Bond Index Fund; 0.50% for the Money Market Fund; 0.75% for the Social Choice Bond Fund; 0.47% for the Short-Term Bond Index Fund; 0.71% for the Social Choice Low Carbon Equity Fund; 0.79% for the Social Choice International Equity Index; c) 0.25% for the Managed Allocation Fund.

a) These expense reimbursement arrangements will continue through at least February 28, 2019 unless changed with approval of the Board of Trustees.

b) These expense reimbursement arrangements will continue through at least July 31, 2018 unless changed with approval of the Board of Trustees.

c) These expense reimbursement arrangements will continue through at least September 30, 2018 unless changed with approval of the Board of Trustees.