

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://www1.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.

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 Russell 1000, 2000, 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 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 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.

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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 November 30, 2017
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 RETURNS				AVG. ANNUAL RETURNS								
			1 Year to 09/30/17	3 Year to 09/30/17	5 Year to 09/30/17	10 Year to 09/30/17	1 Month to 11/30/17	3 Month to 11/30/17	YTD to 11/30/17	1 Year to 11/30/17	3 Year to 11/30/17		5 Year to 11/30/17	10 Year to 11/30/17	
U.S. Equities															
CREF EQUITY INDEX ACCOUNT	\$19,467.00	23	18.44%	10.48%	13.89%	7.22%	3.01%	7.78%	19.66%	21.98%	10.50%	15.29%	8.07%	9.58%	4/29/1994
BM: Russell 3000 Index Fund vs. Russell 3000 Index PG: Large Blend M*star OE Category Fund vs. Large Blend M*star OE Category PG: Fund % Rank in Large Blend M*star Category PG: # of funds in Large Blend M*star Category Fund Star Rating															
CREF GROWTH ACCOUNT	\$25,561.80	27	22.02%	12.30%	15.27%	8.67%	3.18%	8.80%	31.01%	31.91%	12.52%	17.08%	9.37%	8.84%	4/29/1994
BM: Russell 1000 Growth Index Fund vs. Russell 1000 Growth Index PG: Large Growth M*star OE Category Fund vs. Large Growth M*star OE Category PG: Fund % Rank in Large Growth M*star Category PG: # of funds in Large Growth M*star Category Fund Star Rating															
Global Equities															
CREF GLOBAL EQUITIES ACCOUNT	\$20,586.80	33	19.74%	7.77%	10.95%	4.23%	2.25%	7.21%	23.03%	25.28%	8.24%	11.74%	4.76%	7.86%	5/1/1992
BM: MSCI World Index Fund vs. MSCI World Index PG: World Large Stock M*star OE Category Fund vs. World Large Stock M*star OE Category PG: Fund % Rank in World Large Stock M*star Category PG: # of funds in World Large Stock M*star Category Fund Star Rating															
CREF STOCK ACCOUNT	\$126,533.20	32	19.19%	8.96%	11.93%	5.57%	2.21%	6.85%	21.90%	24.08%	9.28%	12.88%	6.23%	9.92%	7/31/1952
BM: CREF Composite Benchmark ^[1] Fund vs. CREF Composite Benchmark BM: Russell 3000 Index ^[6] Fund vs. Russell 3000 Index PG: Allocation--85%+ Equity M*star OE Category Fund vs. Allocation--85%+ Equity M*star OE Category PG: Fund % Rank in Allocation--85%+ Equity M*star Category PG: # of funds in Allocation--85%+ Equity M*star Category Fund Star Rating															
Fixed Income															
CREF BOND MARKET ACCOUNT	\$13,800.50	29	0.82%	3.02%	2.26%	4.06%	-0.09%	-0.35%	3.67%	3.90%	2.56%	2.18%	3.81%	5.89%	3/1/1990
BM: Bloomberg Barclays U.S. Aggregate Bond Index Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index PG: Intermediate-Term Bond M*star OE Category Fund vs. Intermediate-Term Bond M*star OE Category PG: Fund % Rank in Intermediate-Term Bond M*star Category PG: # of funds in Intermediate-Term Bond M*star Category Fund Star Rating															
CREF INFLATION-LINKED BOND ACCOUNT ^[5]	\$6,552.20	24	-0.42%	1.20%	-0.38%	3.45%	-0.14%	-0.51%	1.30%	1.44%	0.86%	-0.61%	2.95%	4.98%	5/1/1997
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 OE Category Fund vs. Inflation-Protected Bond M*star OE Category PG: Fund % Rank in Inflation-Protected Bond M*star Category PG: # of funds in Inflation-Protected Bond M*star Category Fund Star Rating															
Multi-Asset															
CREF SOCIAL CHOICE ACCOUNT ^[3]	\$14,373.40	27	10.88%	6.27%	8.34%	5.60%	1.33%	3.96%	13.25%	14.64%	6.26%	8.77%	5.88%	8.40%	3/1/1990
BM: CREF Social Choice Account Composite Benchmark Fund vs. CREF Social Choice Account Composite Benchmark BM: Russell 3000 Index Fund vs. Russell 3000 Index PG: Allocation--50% to 70% Equity M*star OE Category Fund vs. Allocation--50% to 70% Equity M*star OE Category PG: Fund % Rank in Allocation--50% to 70% Equity M*star Category PG: # of funds in Allocation--50% to 70% Equity M*star Category Fund Star Rating															

INVESTMENT PERFORMANCE SUMMARY
CREF VARIABLE ANNUITIES - R3

FOR PERIOD ENDING November 30, 2017
 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	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
	11/30/17		10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17		
Money Market															
CREF MONEY MARKET ACCOUNT ^[2,4,7]	\$9,465.60	23	0.37%	0.15%	0.09%	0.41%	0.05%	0.16%	0.44%	0.46%	0.19%	0.11%	0.35%	3.23%	4/1/1988
PG: iMoneyNet Money Fund Averages™-All Government			0.32%	0.13%	0.08%	0.31%	0.05%	0.16%	0.40%	0.41%	0.16%	0.10%	0.26%	2.93%	4/24/2015
Fund vs. iMoneyNet Money Fund Averages™-All Government			5	2	1	10	0	0	4	5	3	1	9	30	
7-Day Effective Yield as of 11/30/2017: 0.68%															
7-Day Current Yield as of 11/30/2017: 0.68%															
CREF ACCOUNTS TOTALS	\$236,340.50														

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 April 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] 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.

INVESTMENT PERFORMANCE SUMMARY

CREF VARIABLE ANNUITIES - R2

FOR PERIOD ENDING November 30, 2017
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

ACCOUNT	Total Portfolio Net Assets (in \$ML.) 11/30/17	Exp. Ratio (bps)	Previous Quarter-End Returns				Current Month-End Returns								Since Inception to 11/30/17	Inc. Date
			Avg. Annual Returns				Avg. Annual Returns									
			1 Year 10/01/16 to 09/30/17	3 Year 10/01/14 to 09/30/17	5 Year 10/01/12 to 09/30/17	10 Year 10/01/07 to 09/30/17	1 Month 11/01/17 to 11/30/17	3 Month 09/01/17 to 11/30/17	YTD 01/01/17 to 11/30/17	1 Year 12/01/16 to 11/30/17	3 Year 12/01/14 to 11/30/17	5 Year 12/01/12 to 11/30/17	10 Year 12/01/07 to 11/30/17			
U.S. Equities																
CREF EQUITY INDEX ACCOUNT	\$19,467.00	34	18.35%	10.39%	13.83%	7.19%	3.01%	7.76%	19.58%	21.88%	10.41%	15.23%	8.04%	9.57%	4/29/1994	
4/24/2015																
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	10.00%		
Fund vs. Russell 3000 Index			-36	-35	-40	-38	-3	-9	-35	-39	-34	-40	-39	-43		
PG: Large Blend M'star OE Category			17.65%	9.03%	12.91%	6.58%	N/A	N/A	N/A	21.06%	9.18%	14.23%	7.42%	N/A		
Fund vs. Large Blend M'star OE Category			70	136	92	61	N/A	N/A	N/A	82	123	100	62	N/A		
PG: Fund % Rank in Large Blend M'star Category			45%	29%	35%	33%	N/A	N/A	N/A	48%	31%	35%	33%	N/A		
PG: # of funds in Large Blend M'star Category			1396	1218	1083	799	N/A	N/A	N/A	1392	1219	1083	797	N/A		
Fund Star Rating			N/A	****	***	***	N/A	N/A	N/A	N/A	****	****	***	N/A		
CREF GROWTH ACCOUNT	\$25,561.80	38	21.92%	12.21%	15.21%	8.64%	3.17%	8.78%	30.92%	31.80%	12.43%	17.03%	9.35%	8.83%	4/29/1994	
4/24/2015																
BM: Russell 1000 Growth Index			21.94%	12.69%	15.26%	9.08%	3.04%	8.42%	29.21%	30.81%	13.10%	17.14%	9.87%	10.00%		
Fund vs. Russell 1000 Growth Index			-2	-48	-5	-44	13	36	171	99	-67	-11	-52	-117		
PG: Large Growth M'star OE Category			19.75%	10.36%	13.70%	7.55%	N/A	N/A	N/A	27.69%	10.53%	15.25%	8.19%	N/A		
Fund vs. Large Growth M'star OE Category			217	185	151	109	N/A	N/A	N/A	411	190	178	116	N/A		
PG: Fund % Rank in Large Growth M'star Category			28%	26%	22%	26%	N/A	N/A	N/A	23%	24%	20%	27%	N/A		
PG: # of funds in Large Growth M'star Category			1398	1259	1125	800	N/A	N/A	N/A	1371	1226	1110	786	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
Global Equities																
CREF GLOBAL EQUITIES ACCOUNT	\$20,586.80	44	19.64%	7.69%	10.90%	4.21%	2.24%	7.19%	22.94%	25.18%	8.15%	11.68%	4.74%	7.85%	5/1/1992	
4/24/2015																
BM: MSCI World Index			18.17%	7.69%	10.99%	4.22%	2.17%	6.43%	20.77%	23.66%	8.19%	11.75%	4.76%	8.00%		
Fund vs. MSCI World Index			147	0	-9	-1	7	76	217	152	-4	-7	-2	-15		
PG: World Large Stock M'star OE Category			17.50%	7.21%	10.39%	3.98%	N/A	N/A	N/A	23.97%	7.65%	10.97%	4.50%	N/A		
Fund vs. World Large Stock M'star OE Category			214	48	51	23	N/A	N/A	N/A	121	50	71	24	N/A		
PG: Fund % Rank in World Large Stock M'star Category			31%	45%	41%	46%	N/A	N/A	N/A	36%	42%	41%	47%	N/A		
PG: # of funds in World Large Stock M'star Category			842	703	583	320	N/A	N/A	N/A	851	711	585	333	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A		
CREF STOCK ACCOUNT	\$126,533.20	43	19.09%	8.88%	11.87%	5.55%	2.20%	6.84%	21.81%	23.98%	9.19%	12.82%	6.21%	9.91%	7/31/1952	
4/24/2015																
BM: CREF Composite Benchmark ¹⁾			19.05%	9.10%	12.18%	5.79%	2.40%	6.92%	21.43%	23.99%	9.47%	13.19%	6.47%	N/A		
Fund vs. CREF Composite Benchmark			4	-22	-31	-24	-20	-8	38	-1	-28	-37	-26	N/A		
BM: Russell 3000 Index ²⁾			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	N/A		
Fund vs. Russell 3000 Index			38	-186	-236	-202	-84	-101	188	171	-156	-281	-222	N/A		
PG: Allocation-85%+ Equity M'star OE Category			16.02%	7.40%	10.73%	5.18%	N/A	N/A	N/A	19.30%	7.35%	11.55%	5.74%	N/A		
Fund vs. Allocation-85%+ Equity M'star OE Category			307	148	114	37	N/A	N/A	N/A	468	184	127	47	N/A		
PG: Fund % Rank in Allocation-85%+ Equity M'star OE Category			8%	12%	9%	20%	N/A	N/A	N/A	4%	9%	10%	17%	N/A		
PG: # of funds in Allocation-85%+ Equity M'star OE Category			178	156	131	105	N/A	N/A	N/A	185	160	132	106	N/A		
Fund Star Rating			N/A	****	*****	***	N/A	N/A	N/A	N/A	*****	*****	****	N/A		
Fixed Income																
CREF BOND MARKET ACCOUNT	\$13,800.50	40	0.74%	2.94%	2.21%	4.03%	-0.09%	-0.36%	3.59%	3.82%	2.48%	2.13%	3.79%	5.88%	3/1/1990	
4/24/2015																
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%	4.27%	-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%	3.99%	6.00%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			67	23	15	-24	4	19	52	61	37	15	-20	-12		
PG: Intermediate-Term Bond M'star OE Category			0.83%	2.51%	2.12%	4.26%	N/A	N/A	N/A	3.57%	2.05%	1.98%	4.03%	N/A		
Fund vs. Intermediate-Term Bond M'star OE Category			-9	43	9	-23	N/A	N/A	N/A	25	43	15	-24	N/A		
PG: Fund % Rank in Intermediate-Term Bond M'star OE Category			46%	29%	44%	68%	N/A	N/A	N/A	39%	26%	40%	67%	N/A		
PG: # of funds in Intermediate-Term Bond M'star OE Category			985	852	773	546	N/A	N/A	N/A	981	845	779	551	N/A		
Fund Star Rating			N/A	****	***	***	N/A	N/A	N/A	N/A	****	***	***	N/A		
CREF INFLATION-LINKED BOND ACCOUNT³⁾	\$6,552.20	35	-0.50%	1.12%	-0.42%	3.43%	-0.15%	-0.53%	1.23%	1.35%	0.78%	-0.66%	2.92%	4.97%	5/1/1997	
4/24/2015																
BM: Bloomberg Barclays US TIPS 1-10 Year Index			-0.14%	1.26%	0.08%	3.27%	-0.11%	-0.43%	1.41%	1.52%	1.10%	-0.08%	2.79%	N/A		
Fund vs. Bloomberg Barclays US TIPS 1-10 Year Index			-36	-14	-50	16	-4	-10	-18	-17	-32	-58	13	N/A		
PG: Inflation-Protected Bond M'star OE Category			-0.42%	1.07%	-0.31%	3.32%	N/A	N/A	N/A	1.93%	0.92%	-0.45%	2.88%	N/A		
Fund vs. Inflation-Protected Bond M'star OE Category			-8	5	-11	11	N/A	N/A	N/A	-58	-14	-21	4	N/A		
PG: Fund % Rank in Inflation-Protected Bond M'star OE Category			52%	44%	64%	53%	N/A	N/A	N/A	69%	59%	67%	55%	N/A		
PG: # of funds in Inflation-Protected Bond M'star OE Category			232	198	171	114	N/A	N/A	N/A	231	194	173	112	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A		
Multi-Asset																
CREF SOCIAL CHOICE ACCOUNT³⁾	\$14,373.40	38	10.79%	6.18%	8.29%	5.58%	1.33%	3.94%	13.17%	14.55%	6.18%	8.71%	5.86%	8.39%	3/1/1990	
4/24/2015																
BM: CREF Social Choice Account Composite Benchmark			10.99%	6.66%	8.44%	5.69%	1.41%	3.94%	13.29%	14.95%	6.49%	8.99%	6.02%	9.00%		
Fund vs. CREF Social Choice Account Composite Benchmark			-20	-48	-15	-11	-8	0	-12	-40	-31	-28	-16	-61		
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	10.00%		
Fund vs. Russell 3000 Index			-792	-456	-594	-199	-171	-391	-676	-772	-457	-692	-257	-161		
PG: Allocation-50% to 70% Equity M'star OE Category			10.52%	5.38%	7.51%	5.07%	N/A	N/A	N/A	13.56%	5.32%	8.03%	5.40%	N/A		
Fund vs. Allocation-50% to 70% Equity M'star OE Category			27	80	78	51	N/A	N/A	N/A	99	86	68	46	N/A		
PG: Fund % Rank in Allocation-50% to 70% Equity M'star OE Category			49%	35%	34%	35%	N/A	N/A	N/A	39%	35%	38%	37%	N/A		
PG: # of funds in Allocation-50% to 70% Equity M'star OE Category			821	725	664	458	N/A	N/A	N/A	820	719	668	458	N/A		
Fund Star Rating			N/A	****	***	****	N/A	N/A	N/A	N/A	****	***	****	N/A		

INVESTMENT PERFORMANCE SUMMARY
CREF VARIABLE ANNUITIES - R2

FOR PERIOD ENDING November 30, 2017
 PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

ACCOUNT	Total Portfolio Net Assets (in \$Ml.) 11/30/17	Exp. Ratio (bps)	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Returns				Avg. Annual Returns									
			1 Year 10/01/16 to 09/30/17	3 Year 10/01/14 to 09/30/17	5 Year 10/01/12 to 09/30/17	10 Year 10/01/07 to 09/30/17	1 Month 11/01/17 to 11/30/17	3 Month 09/01/17 to 11/30/17	YTD 01/01/17 to 11/30/17	1 Year 12/01/16 to 11/30/17	3 Year 12/01/14 to 11/30/17	5 Year 12/01/12 to 11/30/17	10 Year 12/01/07 to 11/30/17	Since Inception to 11/30/17	Inc. Date	
Money Market																
CREF MONEY MARKET ACCOUNT ^[2,4,7]	\$9,465.60	34	0.31%	0.11%	0.07%	0.40%	0.05%	0.15%	0.38%	0.40%	0.15%	0.09%	0.34%	3.23%	4/1/1988	
PG: iMoneynet Money Fund Averages TM -All Government Fund vs.iMoneynet Money Fund Averages TM -All Government			0.32%	0.13%	0.08%	0.31%	0.05%	0.16%	0.40%	0.41%	0.16%	0.10%	0.26%	2.93%	4/24/2015	
7-Day Effective Yield as of 11/30/2017: 0.64%			-1	-2	-1	9	0	-1	-2	-1	-1	-1	8	30		
7-Day Current Yield as of 11/30/2017: 0.64%																
CREF ACCOUNTS TOTALS	\$236,340.50															

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 April 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] 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.

**INVESTMENT PERFORMANCE SUMMARY
CREF VARIABLE ANNUITIES - R1**

FOR PERIOD ENDING November 30, 2017
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

ACCOUNT	Total Portfolio Net Assets (in \$MM)	Exp. Ratio (bps)	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Returns				Avg. Annual Returns									
			1 Year to 10/01/16	3 Year to 10/01/14	5 Year to 10/01/12	10 Year to 10/01/07	1 Month to 11/01/17	3 Month to 09/01/17	YTD to 01/01/17	1 Year to 12/01/16	3 Year to 12/01/14	5 Year to 12/01/12	10 Year to 12/01/07	Since Inception to 11/30/17	Date	
U.S. Equities																
CREF EQUITY INDEX ACCOUNT	\$19,467.0	61	18.02%	10.14%	13.68%	7.12%	2.99%	7.70%	19.28%	21.55%	10.14%	15.07%	7.97%	9.54%	4/29/1994	
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	9.94%		
Fund vs. Russell 3000 Index			-69	-60	-55	-45	-5	-15	-65	-72	-61	-56	-46	-40		
PG: Large Blend M*star OE Category			17.65%	9.03%	12.91%	6.58%	N/A	N/A	N/A	21.06%	9.18%	14.23%	7.42%	N/A		
Fund vs. Large Blend M*star OE Category			37	111	77	54	N/A	N/A	N/A	49	96	84	55	N/A		
PG: Fund % Rank in Large Blend M*star Category			52%	35%	40%	37%	N/A	N/A	N/A	53%	39%	41%	36%	N/A		
PG: # of funds in Large Blend M*star Category			1396	1218	1083	799	N/A	N/A	N/A	1392	1219	1083	797	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A		
CREF GROWTH ACCOUNT	\$25,561.8	65	21.59%	11.96%	15.06%	8.57%	3.16%	8.71%	30.60%	31.45%	12.16%	16.86%	9.27%	8.79%	4/29/1994	
BM: Russell 1000 Growth Index			21.94%	12.69%	15.26%	9.08%	3.04%	8.42%	29.21%	30.81%	13.10%	17.14%	9.87%	9.67%		
Fund vs. Russell 1000 Growth Index			-35	-73	-20	-51	12	29	139	64	-94	-28	-60	-88		
PG: Large Growth M*star OE Category			19.75%	10.36%	13.70%	7.55%	N/A	N/A	N/A	27.69%	10.53%	15.25%	8.19%	N/A		
Fund vs. Large Growth M*star OE Category			184	160	136	102	N/A	N/A	N/A	376	163	161	108	N/A		
PG: Fund % Rank in Large Growth M*star Category			31%	31%	24%	28%	N/A	N/A	N/A	25%	27%	22%	28%	N/A		
PG: # of funds in Large Growth M*star Category			1398	1259	1125	800	N/A	N/A	N/A	1371	1226	1110	786	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
Global Equities																
CREF GLOBAL EQUITIES ACCOUNT	\$20,586.8	72	19.31%	7.44%	10.75%	4.14%	2.23%	7.12%	22.64%	24.85%	7.89%	11.52%	4.66%	7.81%	5/1/1992	
BM: MSCI World Index			18.17%	7.69%	10.99%	4.22%	2.17%	6.43%	20.77%	23.66%	8.19%	11.75%	4.76%	7.64%		
Fund vs. MSCI World Index			114	-25	-24	-8	6	69	187	119	-30	-23	-10	17		
PG: World Large Stock M*star OE Category			17.50%	7.21%	10.39%	3.98%	N/A	N/A	N/A	23.97%	7.65%	10.97%	4.50%	N/A		
Fund vs. World Large Stock M*star OE Category			181	23	36	16	N/A	N/A	N/A	88	24	55	16	N/A		
PG: Fund % Rank in World Large Stock M*star Category			34%	50%	45%	48%	N/A	N/A	N/A	38%	46%	43%	48%	N/A		
PG: # of funds in World Large Stock M*star Category			842	703	583	320	N/A	N/A	N/A	851	711	585	333	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A		
CREF STOCK ACCOUNT	\$126,533.2	71	18.76%	8.63%	11.72%	5.48%	2.19%	6.77%	21.51%	23.64%	8.93%	12.66%	6.13%	9.90%	7/31/1992	
BM: CREF Composite Benchmark ^[1]			19.05%	9.10%	12.18%	5.79%	2.40%	6.92%	21.43%	23.99%	9.47%	13.19%	6.47%	N/A		
Fund vs. CREF Composite Benchmark			-29	-47	-46	-31	-21	-15	8	-35	-54	-53	-34	N/A		
BM: Russell 3000 Index ^[2]			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	N/A		
Fund vs. Russell 3000 Index			5	-211	-251	-209	-85	-108	158	137	-182	-297	-230	N/A		
PG: Allocation~85%+ Equity M*star OE Category			16.02%	7.40%	10.73%	5.18%	N/A	N/A	N/A	19.30%	7.35%	11.55%	5.74%	N/A		
Fund vs. Allocation~85%+ Equity M*star OE Category			274	123	99	30	N/A	N/A	N/A	434	158	111	39	N/A		
PG: Fund % Rank in Allocation~85%+ Equity M*star Category			12%	20%	12%	25%	N/A	N/A	N/A	5%	12%	13%	21%	N/A		
PG: # of funds in Allocation~85%+ Equity M*star Category			178	156	131	105	N/A	N/A	N/A	185	160	132	106	N/A		
Fund Star Rating			N/A	****	****	***	N/A	N/A	N/A	N/A	****	****	****	N/A		
Fixed Income																
CREF BOND MARKET ACCOUNT	\$13,800.5	68	0.46%	2.70%	2.08%	3.96%	-0.11%	-0.42%	3.34%	3.54%	2.23%	1.99%	3.71%	5.85%	3/1/1990	
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%	4.27%	-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%	3.99%	6.11%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			39	-1	2	-31	2	13	27	33	12	1	-28	-26		
PG: Intermediate-Term Bond M*star OE Category			0.83%	2.51%	2.12%	4.26%	N/A	N/A	N/A	3.57%	2.05%	1.98%	4.03%	N/A		
Fund vs. Intermediate-Term Bond M*star OE Category			-37	19	-4	-30	N/A	N/A	N/A	-3	18	1	-32	N/A		
PG: Fund % Rank in Intermediate-Term Bond M*star Category			59%	39%	50%	70%	N/A	N/A	N/A	49%	38%	47%	72%	N/A		
PG: # of funds in Intermediate-Term Bond M*star Category			985	852	773	546	N/A	N/A	N/A	981	845	779	551	N/A		
Fund Star Rating			N/A	***	***	**	N/A	N/A	N/A	N/A	***	***	**	N/A		
CREF INFLATION-LINKED BOND ACCOUNT^[5]	\$6,552.2	63	-0.78%	0.89%	-0.56%	3.36%	-0.16%	-0.59%	0.98%	1.08%	0.54%	-0.80%	2.85%	4.93%	5/1/1997	
BM: Bloomberg Barclays US TIPS 1-10 Year Index			-0.14%	1.26%	0.08%	3.27%	-0.11%	-0.43%	1.41%	1.52%	1.10%	-0.08%	2.79%	N/A		
Fund vs. Bloomberg Barclays US TIPS 1-10 Year Index			-64	-37	-64	9	-5	-16	-43	-44	-56	-72	6	N/A		
PG: Inflation-Protected Bond M*star OE Category			-0.42%	1.07%	-0.31%	3.32%	N/A	N/A	N/A	1.93%	0.92%	-0.45%	2.88%	N/A		
Fund vs. Inflation-Protected Bond M*star OE Category			-36	-18	-25	4	N/A	N/A	N/A	-85	-38	-35	-3	N/A		
PG: Fund % Rank in Inflation-Protected Bond M*star Category			59%	61%	73%	56%	N/A	N/A	N/A	77%	76%	79%	58%	N/A		
PG: # of funds in Inflation-Protected Bond M*star Category			232	198	171	114	N/A	N/A	N/A	231	194	173	112	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	**	**	***	N/A		
Multi-Asset																
CREF SOCIAL CHOICE ACCOUNT^[3]	\$14,373.4	65	10.49%	5.94%	8.14%	5.51%	1.31%	3.88%	12.90%	14.24%	5.92%	8.56%	5.78%	8.36%	3/1/1990	
BM: CREF Social Choice Account Composite Benchmark			10.99%	6.66%	8.44%	5.69%	1.41%	3.94%	13.29%	14.95%	6.49%	8.99%	6.02%	8.51%		
Fund vs. CREF Social Choice Account Composite Benchmark			-50	-72	-30	-18	-10	-6	-39	-71	-57	-43	-24	-15		
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	10.20%		
Fund vs. Russell 3000 Index			-822	-480	-609	-206	-173	-397	-703	-803	-483	-707	-265	-184		
PG: Allocation~50% to 70% Equity M*star OE Category			10.52%	5.38%	7.51%	5.07%	N/A	N/A	N/A	13.56%	5.32%	8.03%	5.40%	N/A		
Fund vs. Allocation~50% to 70% Equity M*star OE Category			-3	56	63	44	N/A	N/A	N/A	68	60	53	38	N/A		
PG: Fund % Rank in Allocation~50% to 70% Equity M*star Category			55%	42%	36%	36%	N/A	N/A	N/A	44%	43%	43%	37%	N/A		
PG: # of funds in Allocation~50% to 70% Equity M*star Category			821	725	664	458	N/A	N/A	N/A	820	719	668	458	N/A		
Fund Star Rating			N/A	***	***	****	N/A	N/A	N/A	N/A	***	***	***	N/A		

INVESTMENT PERFORMANCE SUMMARY
CREF VARIABLE ANNUITIES - R1

FOR PERIOD ENDING November 30, 2017
 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 to 09/30/17	3 Year to 09/30/17	5 Year to 09/30/17	10 Year to 09/30/17	1 Month to 11/30/17	3 Month to 11/30/17	YTD to 11/30/17	1 Year to 11/30/17	3 Year to 11/30/17	5 Year to 11/30/17	10 Year to 11/30/17	Since Inception to 11/30/17	Date				
Money Market																			
CREF MONEY MARKET ACCOUNT ^[2,4,7]	\$9,465.6	62	0.13%	0.04%	0.03%	0.38%	0.04%	0.10%	0.20%	0.20%	0.07%	0.04%	0.31%	3.22%	4/1/1988				
PG: iMoneynet Money Fund AveragesTM-All Government			0.32%	0.13%	0.08%	0.31%	0.05%	0.16%	0.40%	0.41%	0.16%	0.10%	0.26%	2.93%					
Fund vs. iMoneynet Money Fund AveragesTM-All Government			-19	-9	-5	7	-1	-6	-20	-21	-9	-6	5	29					
7-Day Effective Yield as of 11/30/2017: 0.50%																			
7-Day Current Yield as of 11/30/2017: 0.50%																			
CREF ACCOUNTS TOTALS	\$236,340.5																		

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 April 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] 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.

**INVESTMENT PERFORMANCE SUMMARY
TIAA ANNUITY ACCOUNTS**

FOR PERIOD ENDING November 30, 2017
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

ACCOUNT	Total Portfolio Net Assets (in \$Mil.) 11/30/17	Exp. Ratio (bps)	Previous Quarter-End Returns				Current Month-End Returns								
			Avg. Annual Return ¹				Avg. Annual Return ¹								
			1 Year 10/01/16 to 09/30/17	3 Year 10/01/14 to 09/30/17	5 Year 10/01/12 to 09/30/17	10 Year 10/01/07 to 09/30/17	1 Month 11/30/17	3 Month 09/01/17 to 11/30/17	YTD 01/01/17 to 11/30/17	1 Year 12/01/16 to 11/30/17	3 Year 12/01/14 to 11/30/17	5 Year 12/01/12 to 11/30/17	10 Year 12/01/07 to 11/30/17	Since Inception 11/30/17 to 11/30/17	Date
TIAA TRADITIONAL ANNUITY-GROUP RETIREMENT ANNUITY [1,2,3]	\$247,689.81		3.89%	3.97%	4.01%	4.24%	0.30%	0.92%	3.47%	3.83%	3.95%	4.00%	4.21%	N/A	1918
TIAA TRADITIONAL ANNUITY-GROUP SUPPLEMENTAL RETIREMENT ANNUITY [1,2,3]			3.22%	3.28%	3.33%	3.52%	0.25%	0.76%	2.88%	3.17%	3.26%	3.32%	3.50%	N/A	10/1/1973
TIAA TRADITIONAL ANNUITY-IRA (ISSUED ON OR AFTER 10/11/2,3010) [1,2,3]			1.17%	1.07%	1.04%	N/A	0.10%	0.31%	1.10%	1.19%	1.08%	1.05%	N/A	1.07%	10/11/2010
TIAA TRADITIONAL ANNUITY-IRA (ISSUED PRIOR TO 10/11/2,3010) [1,2,3,4]			3.00%	3.00%	3.00%	3.32%	0.24%	0.74%	2.74%	3.00%	3.00%	3.00%	3.29%	N/A	5/1/1997
TIAA TRADITIONAL ANNUITY-KEOGH [1,2,3]			3.00%	3.00%	3.00%	3.32%	0.24%	0.74%	2.74%	3.00%	3.00%	3.00%	3.29%	N/A	4/1/1988
TIAA TRADITIONAL ANNUITY-RETIREMENT ANNUITY [1,2,3]			3.89%	3.97%	4.01%	4.24%	0.30%	0.92%	3.47%	3.83%	3.95%	4.00%	4.21%	N/A	1918
TIAA TRADITIONAL ANNUITY-RETIREMENT CHOICE [1,2,3]			4.16%	4.29%	4.34%	4.42%	0.32%	0.98%	3.71%	4.09%	4.26%	4.32%	4.40%	4.50%	8/1/2005
TIAA TRADITIONAL ANNUITY-RETIREMENT CHOICE PLUS [1,2,3]			3.41%	3.51%	3.54%	3.65%	0.26%	0.80%	3.03%	3.34%	3.49%	3.53%	3.63%	3.74%	6/1/2006
TIAA TRADITIONAL ANNUITY-SUPPLEMENTAL RETIREMENT ANNUITY [1,2,3]			3.22%	3.28%	3.33%	3.52%	0.25%	0.76%	2.88%	3.17%	3.26%	3.32%	3.50%	N/A	10/1/1973
TIAA REAL ESTATE ACCOUNT (QREARX)	\$24,928.00	85	4.34%	6.74%	8.04%	2.58%	0.44%	1.33%	3.93%	4.42%	6.07%	7.98%	2.57%	6.35%	10/2/1995
TIAA ANNUITY TOTALS	\$272,617.81														

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 October 31, 2017. 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 and the Stable Return (SR) Annuity contract 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 and Stable Return Products are based on a single investment at the beginning of each period. The Crediting Rates as of November 01, 2017 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%); TIAA Stable Return Annuity (1.25%). Funds applied to the TIAA Traditional Annuity during November 2017 will be credited with the indicated rates through February 28, 2018. Funds applied to TIAA Stable Return Annuity during November 2017 will be credited with the indicated rates until February 28, 2018. Funds transferred to TIAA Traditional and TIAA Stable Return Annuity during November 2017 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, 2018.

[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 November 30, 2017
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	
			10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17	Inception to 11/30/17	Inc. Date
U.S. Equities															
TIAA-CREF ENHANCED LARGE-CAP GROWTH INDEX FUND (TLIX)	\$2,651.60	34	22.59%	13.18%	14.56%	N/A	3.24%	9.21%	28.70%	30.31%	13.72%	16.62%	9.63%	9.63%	11/30/2007
Gross Expense Ratio		34													
BM: Russell 1000 Growth Index			21.94%	12.69%	15.26%		3.04%	8.42%	29.21%	30.81%	13.10%	17.14%	9.87%	9.87%	
Fund vs. Russell 1000 Growth Index			65	49	-70		20	79	-51	-50	62	-52	-24	-24	
PG: Large Growth M*star Category			19.75%	10.36%	13.70%		N/A	N/A	N/A	27.69%	10.53%	15.25%	8.19%	N/A	
Fund vs. Large Growth M*star Category			284	282	86		N/A	N/A	N/A	262	319	137	144	N/A	
PG: Fund % Rank in Large Growth M*star Category			23%	14%	35%		N/A	N/A	N/A	34%	10%	26%	20%	N/A	
PG: # of funds in Large Growth M*star Category			1398	1259	1125		N/A	N/A	N/A	1371	1226	1110	786	N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	*****	****	****	N/A	
TIAA-CREF ENHANCED LARGE-CAP VALUE INDEX FUND (TEVIX)	\$2,530.40	34	14.80%	7.82%	12.37%	N/A	3.12%	7.71%	12.26%	14.69%	8.05%	13.50%	6.30%	6.30%	11/30/2007
Gross Expense Ratio		34													
BM: Russell 1000 Value Index			15.12%	8.53%	13.20%		3.06%	6.89%	12.03%	14.83%	8.35%	14.17%	6.84%	6.84%	
Fund vs. Russell 1000 Value Index			-32	-71	-83		6	82	23	-14	-30	-67	-54	-54	
PG: Large Value M*star Category			16.17%	7.99%	12.23%		N/A	N/A	N/A	16.55%	8.14%	13.33%	6.59%	N/A	
Fund vs. Large Value M*star Category			-137	-17	14		N/A	N/A	N/A	-186	-9	17	-29	N/A	
PG: Fund % Rank in Large Value M*star Category			68%	58%	52%		N/A	N/A	N/A	74%	57%	52%	61%	N/A	
PG: # of funds in Large Value M*star Category			1269	1108	962		N/A	N/A	N/A	1266	1107	966	691	N/A	
Fund Star Rating			N/A	***	***		N/A	N/A	N/A	N/A	***	***	***	N/A	
TIAA-CREF EQUITY INDEX FUND (TIEIX)	\$16,203.10	5	18.69%	10.73%	14.19%	7.56%	3.00%	7.80%	19.89%	22.21%	10.73%	15.60%	8.41%	6.02%	7/1/1999
Gross Expense Ratio		5													
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	6.09%	
Fund vs. Russell 3000 Index			-2	-1	-4	-1	-4	-5	-4	-6	-2	-3	-2	-7	
PG: Large Blend M*star Category			17.65%	9.03%	12.91%	6.58%	N/A	N/A	N/A	21.06%	9.18%	14.23%	7.42%	N/A	
Fund vs. Large Blend M*star Category			104	170	128	98	N/A	N/A	N/A	115	155	137	99	N/A	
PG: Fund % Rank in Large Blend M*star Category			33%	15%	17%	17%	N/A	N/A	N/A	42%	18%	20%	17%	N/A	
PG: # of funds in Large Blend M*star Category			1396	1218	1083	799	N/A	N/A	N/A	1392	1219	1083	797	N/A	
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A	
TIAA-CREF GROWTH & INCOME FUND (TIGRX)	\$6,849.70	42	19.21%	10.77%	14.13%	8.27%	2.58%	8.15%	22.65%	24.32%	10.93%	15.66%	8.79%	6.35%	7/1/1999
Gross Expense Ratio		42													
BM: S&P 500 Index			18.61%	10.81%	14.22%	7.44%	3.07%	7.65%	20.49%	22.87%	10.91%	15.74%	8.30%	5.61%	
Fund vs. S&P 500 Index			60	-4	-9	83	-49	50	216	145	2	-8	49	74	
PG: Large Growth M*star Category			19.75%	10.36%	13.70%	7.55%	N/A	N/A	N/A	27.69%	10.53%	15.25%	8.19%	N/A	
Fund vs. Large Growth M*star Category			-54	41	43	72	N/A	N/A	N/A	-337	40	41	60	N/A	
PG: Fund % Rank in Large Growth M*star Category			57%	48%	45%	35%	N/A	N/A	N/A	73%	48%	46%	39%	N/A	
PG: # of funds in Large Growth M*star Category			1398	1259	1125	800	N/A	N/A	N/A	1371	1226	1110	786	N/A	
Fund Star Rating			N/A	***	***	****	N/A	N/A	N/A	N/A	***	***	****	N/A	
TIAA-CREF LARGE-CAP GROWTH FUND (TILGX)	\$4,902.60	43	22.44%	12.78%	16.31%	8.80%	2.79%	8.29%	34.11%	33.99%	12.91%	17.77%	9.32%	9.88%	3/31/2006
Gross Expense Ratio		43													
BM: Russell 1000 Growth Index			21.94%	12.69%	15.26%	9.08%	3.04%	8.42%	29.21%	30.81%	13.10%	17.14%	9.87%	10.01%	
Fund vs. Russell 1000 Growth Index			50	9	105	-28	-25	-13	490	318	-19	63	-55	-13	
PG: Large Growth M*star Category			19.75%	10.36%	13.70%	7.55%	N/A	N/A	N/A	27.69%	10.53%	15.25%	8.19%	N/A	
Fund vs. Large Growth M*star Category			269	242	261	125	N/A	N/A	N/A	630	238	252	113	N/A	
PG: Fund % Rank in Large Growth M*star Category			24%	18%	11%	23%	N/A	N/A	N/A	13%	19%	13%	27%	N/A	
PG: # of funds in Large Growth M*star Category			1398	1259	1125	800	N/A	N/A	N/A	1371	1226	1110	786	N/A	
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A	
TIAA-CREF LARGE-CAP GROWTH INDEX FUND (TILIX)	\$5,628.40	6	21.84%	12.63%	15.18%	9.01%	3.04%	8.40%	29.08%	30.66%	13.02%	17.05%	9.80%	10.64%	10/1/2002
Gross Expense Ratio		6													
BM: Russell 1000 Growth Index			21.94%	12.69%	15.26%	9.08%	3.04%	8.42%	29.21%	30.81%	13.10%	17.14%	9.87%	10.74%	
Fund vs. Russell 1000 Growth Index			-10	-6	-8	-7	0	-2	-13	-15	-8	-9	-7	-10	
PG: Large Growth M*star Category			19.75%	10.36%	13.70%	7.55%	N/A	N/A	N/A	27.69%	10.53%	15.25%	8.19%	N/A	
Fund vs. Large Growth M*star Category			209	227	148	146	N/A	N/A	N/A	297	249	180	161	N/A	
PG: Fund % Rank in Large Growth M*star Category			29%	19%	23%	19%	N/A	N/A	N/A	32%	18%	19%	17%	N/A	
PG: # of funds in Large Growth M*star Category			1398	1259	1125	800	N/A	N/A	N/A	1371	1226	1110	786	N/A	
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A	
TIAA-CREF LARGE-CAP VALUE FUND (TRLIX)	\$7,136.70	41	15.57%	8.33%	12.98%	5.91%	2.25%	6.04%	10.68%	12.80%	8.09%	13.44%	6.57%	9.92%	10/1/2002
Gross Expense Ratio		41													
BM: Russell 1000 Value Index			15.12%	8.53%	13.20%	5.92%	3.06%	6.89%	12.03%	14.83%	8.35%	14.17%	6.84%	9.72%	
Fund vs. Russell 1000 Value Index			45	-20	-22	-1	-81	-85	-135	-203	-26	-73	-27	20	
PG: Large Value M*star Category			16.17%	7.99%	12.23%	5.72%	N/A	N/A	N/A	16.55%	8.14%	13.33%	6.59%	N/A	
Fund vs. Large Value M*star Category			-60	34	75	19	N/A	N/A	N/A	-375	-5	11	-2	N/A	
PG: Fund % Rank in Large Value M*star Category			60%	47%	34%	46%	N/A	N/A	N/A	88%	56%	53%	52%	N/A	
PG: # of funds in Large Value M*star Category			1269	1108	962	689	N/A	N/A	N/A	1266	1107	966	691	N/A	
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A	
TIAA-CREF LARGE-CAP VALUE INDEX FUND (TILVX)	\$6,721.40	6	15.01%	8.47%	13.11%	5.86%	3.06%	6.89%	11.99%	14.77%	8.30%	14.10%	6.78%	9.63%	10/1/2002
Gross Expense Ratio		6													
BM: Russell 1000 Value Index			15.12%	8.53%	13.20%	5.92%	3.06%	6.89%	12.03%	14.83%	8.35%	14.17%	6.84%	9.72%	
Fund vs. Russell 1000 Value Index			-11	-6	-9	-6	0	0	-4	-6	-5	-7	-6	-9	
PG: Large Value M*star Category			16.17%	7.99%	12.23%	5.72%	N/A	N/A	N/A	16.55%	8.14%	13.33%	6.59%	N/A	
Fund vs. Large Value M*star Category			-116	48	88	14	N/A	N/A	N/A	-178	16	77	19	N/A	
PG: Fund % Rank in Large Value M*star Category			66%	41%	30%	48%	N/A	N/A	N/A	72%	51%	36%	44%	N/A	
PG: # of funds in Large Value M*star Category			1269	1108	962	689	N/A	N/A	N/A	1266	1107	966	691	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 November 30, 2017
PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

FUND	Total Portfolio Net Assets (in \$Mill.) 11/30/17	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.	
10/01/16	10/01/14	10/01/12	10/01/07	11/01/17	09/01/17	01/01/17	12/01/16	12/01/14	12/01/12	12/01/07	11/30/17	11/30/17	11/30/17	11/30/17	11/30/17	Date
TIAA-CREF MID-CAP GROWTH FUND (TRPW)	\$1,637.70	47	18.20%	8.46%	12.45%	7.36%	2.83%	7.82%	25.53%	25.27%	8.23%	13.56%	7.96%	11.76%	10/1/2002	
Gross Expense Ratio		47														
BM: Russell Mid Cap Growth Index			17.82%	9.96%	14.18%	8.20%	3.34%	9.24%	24.60%	25.03%	10.00%	15.99%	9.07%	12.26%		
Fund vs. Russell Mid Cap Growth Index			38	-150	-173	-84	-51	-142	93	24	-177	-203	-111	-50		
PG: Mid-Cap Growth M*star Category			18.18%	9.13%	12.62%	6.92%	N/A	N/A	N/A	23.75%	9.19%	13.95%	7.65%	N/A		
Fund vs. Mid-Cap Growth M*star Category			2	-67	-17	44	N/A	N/A	N/A	152	-96	-39	31	N/A		
PG: Fund % Rank in Mid-Cap Growth M*star Category			47%	66%	52%	41%	N/A	N/A	N/A	37%	72%	57%	44%	N/A		
PG: # of funds in Mid-Cap Growth M*star Category			614	563	484	362	N/A	N/A	N/A	613	560	491	365	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	**	***	***	N/A		
TIAA-CREF MID-CAP VALUE FUND (TIMV)	\$4,560.00	41	13.18%	8.01%	13.00%	6.76%	2.38%	6.41%	10.53%	12.36%	7.35%	13.51%	7.39%	12.09%	10/1/2002	
Gross Expense Ratio		41														
BM: Russell Mid Cap Value Index			13.37%	9.19%	14.33%	7.85%	3.38%	7.06%	11.96%	13.95%	8.83%	14.99%	8.84%	12.05%		
Fund vs. Russell Mid Cap Value Index			-19	-118	-133	-109	-100	-65	-143	-159	-148	-148	-145	4		
PG: Mid-Cap Value M*star Category			14.83%	7.90%	12.71%	6.85%	N/A	N/A	N/A	13.86%	7.97%	13.48%	7.77%	N/A		
Fund vs. Mid-Cap Value M*star Category			-165	11	29	-9	N/A	N/A	N/A	-150	-62	3	-38	N/A		
PG: Fund % Rank in Mid-Cap Value M*star Category			70%	59%	56%	54%	N/A	N/A	N/A	69%	68%	64%	62%	N/A		
PG: # of funds in Mid-Cap Value M*star Category			410	363	319	226	N/A	N/A	N/A	406	368	314	222	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A		
TIAA-CREF REAL ESTATE SECURITIES FUND (TIREX)	\$2,144.30	51	4.07%	10.48%	9.46%	5.68%	3.10%	2.65%	12.51%	16.74%	7.81%	10.61%	6.93%	10.80%	10/1/2002	
Gross Expense Ratio		51														
BM: FTSE NAREIT All Equity REITs Index			2.57%	10.18%	9.97%	6.06%	2.65%	1.97%	8.99%	13.86%	7.22%	10.69%	7.24%	11.07%		
Fund vs. FTSE NAREIT All Equity REITs Index			150	30	-51	-38	45	68	352	288	59	-8	-31	-27		
PG: Real Estate M*star Category			1.78%	8.76%	8.73%	5.13%	N/A	N/A	N/A	10.43%	5.65%	9.39%	6.21%	N/A		
Fund vs. Real Estate M*star Category			229	172	73	55	N/A	N/A	N/A	631	216	122	72	N/A		
PG: Fund % Rank in Real Estate M*star Category			15%	10%	21%	32%	N/A	N/A	N/A	5%	5%	10%	31%	N/A		
PG: # of funds in Real Estate M*star Category			255	230	203	141	N/A	N/A	N/A	261	233	205	144	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)	\$4,838.10	5	18.53%	10.76%	14.15%	7.38%	3.06%	7.66%	20.44%	22.80%	10.85%	15.67%	8.24%	9.95%	10/1/2002	
Gross Expense Ratio		5														
BM: S&P 500 Index			18.61%	10.81%	14.22%	7.44%	3.07%	7.65%	20.49%	22.87%	10.91%	15.74%	8.30%	10.03%		
Fund vs. S&P 500 Index			-8	-5	-7	-6	-1	1	-5	-7	-6	-7	-6	-8		
PG: Large Blend M*star Category			17.65%	9.03%	12.91%	6.58%	N/A	N/A	N/A	21.06%	9.18%	14.23%	7.42%	N/A		
Fund vs. Large Blend M*star Category			88	173	124	80	N/A	N/A	N/A	174	167	144	82	N/A		
PG: Fund % Rank in Large Blend M*star Category			38%	14%	20%	24%	N/A	N/A	N/A	27%	14%	14%	24%	N/A		
PG: # of funds in Large Blend M*star Category			1396	1218	1083	799	N/A	N/A	N/A	1392	1219	1083	797	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)	\$2,490.60	6	20.95%	12.45%	14.02%	8.00%	2.86%	10.27%	15.27%	18.49%	11.38%	15.23%	8.89%	11.44%	10/1/2002	
Gross Expense Ratio		6														
BM: Russell 2000 Index			20.74%	12.18%	13.79%	7.85%	2.88%	10.23%	15.11%	18.34%	11.14%	15.02%	8.75%	11.39%		
Fund vs. Russell 2000 Index			21	27	23	15	-2	4	16	15	24	21	14	5		
PG: Small Blend M*star Category			18.91%	10.01%	12.83%	7.19%	N/A	N/A	N/A	16.03%	9.54%	13.75%	8.14%	N/A		
Fund vs. Small Blend M*star Category			204	244	119	81	N/A	N/A	N/A	246	184	148	75	N/A		
PG: Fund % Rank in Small Blend M*star Category			28%	21%	33%	35%	N/A	N/A	N/A	24%	24%	28%	36%	N/A		
PG: # of funds in Small Blend M*star Category			794	653	554	393	N/A	N/A	N/A	797	653	560	397	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF SMALL-CAP EQUITY FUND (TISEX)	\$3,938.40	42	21.99%	13.13%	15.01%	8.44%	2.75%	9.92%	15.16%	18.19%	12.20%	16.43%	9.50%	11.60%	10/1/2002	
Gross Expense Ratio		42														
BM: Russell 2000 Index			20.74%	12.18%	13.79%	7.85%	2.88%	10.23%	15.11%	18.34%	11.14%	15.02%	8.75%	11.39%		
Fund vs. Russell 2000 Index			125	95	122	59	-13	-31	5	-15	106	141	75	21		
PG: Small Growth M*star Category			20.40%	11.15%	13.02%	7.57%	N/A	N/A	N/A	22.34%	10.67%	14.45%	8.38%	N/A		
Fund vs. Small Growth M*star Category			159	198	199	87	N/A	N/A	N/A	-415	153	198	112	N/A		
PG: Fund % Rank in Small Growth M*star Category			31%	27%	19%	29%	N/A	N/A	N/A	76%	26%	19%	23%	N/A		
PG: # of funds in Small Growth M*star Category			674	597	532	399	N/A	N/A	N/A	682	604	539	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) ^[4]	\$695.70	51	19.64%	N/A	N/A	N/A	3.39%	11.21%	19.07%	21.70%	N/A	N/A	N/A	20.75%	8/5/2016	
Gross Expense Ratio		51														
BM: Russell 2500 Index			17.79%	N/A	N/A	N/A	3.29%	9.64%	16.42%	18.68%	N/A	N/A	N/A	18.18%		
Fund vs. Russell 2500 Index			185	N/A	N/A	N/A	10	157	265	302	N/A	N/A	N/A	257		
PG: Small Blend M*star Category			18.91%	N/A	N/A	N/A	N/A	N/A	N/A	16.03%	N/A	N/A	N/A	N/A		
Fund vs. Small Blend M*star Category			73	N/A	N/A	N/A	N/A	N/A	N/A	567	N/A	N/A	N/A	N/A		
PG: Fund % Rank in Small Blend M*star Category			47%	N/A	N/A	N/A	N/A	N/A	N/A	7%	N/A	N/A	N/A	N/A		
PG: # of funds in Small Blend M*star Category			794	N/A	N/A	N/A	N/A	N/A	N/A	797	N/A	N/A	N/A	N/A		
Fund Star Rating			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
TIAA-CREF SOCIAL CHOICE EQUITY FUND (TISCX)	\$2,978.70	19	18.49%	9.50%	13.89%	7.39%	2.81%	7.87%	19.58%	21.76%	9.79%	15.05%	8.14%	5.81%	7/1/1999	
Gross Expense Ratio		19														
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	6.09%		
Fund vs. Russell 3000 Index			-22	-124	-34	-18	-23	2	-35	-51	-96	-58	-29	-28		
PG: Large Blend M*star Category			17.65%	9.03%	12.91%	6.58%	N/A	N/A	N/A	21.06%	9.18%	14.23%	7.42%	N/A		
Fund vs. Large Blend M*star Category			84	47	98	81	N/A	N/A	N/A	70	61	82	72	N/A		
PG: Fund % Rank in Large Blend M*star Category			39%	51%	33%	23%	N/A	N/A	N/A	50%	48%	42%	29%	N/A		
PG: # of funds in Large Blend M*star Category			1396	1218	1083	799	N/A	N/A	N/A	1392	1219	1083	797	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)	\$95.00	32	18.97%	N/A	N/A	N/A	2.64%	7.54%	19.79%	22.07%	N/A	N/A	N/A	13.04%	8/7/2015	
Gross Expense Ratio		65														
BM: Russell 3000 Index			18.71%	N/A	N/A	N/A	3.04%	7.85%	19.93%	22.27%	N/A	N/A	N/A	13.04%		
Fund vs. Russell 3000 Index			26	-40	-31	-14	-20	-14	-20	0	N/A	N/A	N/A	0		
PG: Large Blend M*star Category			17.65%	N/A	N/A	N/A	N/A	N/A	N/A	21.06%	N/A	N/A	N/A	N/A		
Fund vs. Large Blend M*star Category			132	N/A	N/A	N/A	N/A	N/A	N/A	101	N/A	N/A	N/A	N/A		
PG: Fund % Rank in Large Blend M																

INVESTMENT PERFORMANCE SUMMARY
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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 10/01/16 to 09/30/17	3 Year 10/01/14 to 09/30/17	5 Year 10/01/12 to 09/30/17	10 Year 10/01/07 to 09/30/17	1 Month 11/01/17	3 Month 09/01/17	YTD 01/01/17	1 Year 12/01/16	3 Year 12/01/14	5 Year 12/01/12	10 Year 12/01/07	Since Inception to 11/30/17	Inc. Date
Global Equities															
TIAA-CREF GLOBAL NATURAL RESOURCES FUND (TNRX)	\$42.60	75	4.47%	-3.17%	-2.64%	N/A	0.25%	5.29%	-3.77%	-4.68%	-0.52%	-2.02%	N/A	-1.44%	11/1/2011
Gross Expense Ratio 78															
BM: MSCI AC World Index Commodity Producers Sec. Cap. Index															
Fund vs. MSCI AC World Index Commodity Producers Sec. Cap. Index															
PG: Natural Resources M*star Category															
Fund vs. Natural Resources M*star Category															
PG: Fund % Rank in Natural Resources M*star Category															
PG: # of funds in Natural Resources M*star Category															
Fund Star Rating															
International Equities															
TIAA-CREF EMERGING MARKETS EQUITY FUND (TEMLX)	\$1,441.00	94	30.06%	5.96%	4.72%	N/A	-0.16%	5.32%	42.41%	40.75%	7.41%	4.98%	N/A	4.38%	8/31/2010
Gross Expense Ratio 94															
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)	\$2,413.90	23	22.18%	5.09%	3.96%	N/A	0.17%	3.21%	33.33%	32.95%	6.26%	4.59%	N/A	4.13%	8/31/2010
Gross Expense Ratio 23															
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 (TFIX)	\$1,906.90	41	19.72%	5.53%	9.16%	N/A	0.84%	4.99%	24.74%	28.40%	6.24%	8.94%	1.76%	1.76%	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 (THIEX)	\$5,124.50	49	22.10%	7.47%	9.75%	1.59%	1.06%	5.69%	30.66%	33.78%	7.29%	8.85%	1.78%	5.51%	7/1/1999
Gross Expense Ratio 49															
BM: Morgan Stanley EAFE Index															
Fund vs. Morgan Stanley EAFE Index															
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 EQUITY INDEX FUND (TCIEIX)	\$11,765.60	6	19.01%	5.29%	8.57%	1.50%	0.79%	4.86%	23.75%	27.07%	6.20%	8.36%	1.73%	8.38%	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)	\$1,462.80	63	24.61%	8.33%	N/A	N/A	0.92%	4.85%	31.67%	32.84%	9.00%	N/A	N/A	7.05%	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) ^[4]	\$960.20	72	N/A	N/A	N/A	N/A	0.39%	4.02%	30.94%	N/A	N/A	N/A	N/A	29.64%	12/9/2016
Gross Expense Ratio 72															
BM: MSCI ACWI ex-US Small Cap Index															
Fund vs. MSCI ACWI ex-US Small Cap Index															
PG: Foreign Small/Mid Blend M*star Category															
Fund vs. Foreign Small/Mid Blend M*star Category															
PG: Fund % Rank in Foreign Small/Mid Blend M*star Category															
PG: # of funds in Foreign Small/Mid Blend M*star Category															
Fund Star Rating															

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
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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		
			10/01/16	10/01/14	10/01/12	10/01/07	11/01/17	09/01/17	01/01/17	12/01/16	12/01/14	12/01/12	12/01/07	Since Inception	Inc. Date	
			to	to	to	to	11/30/17	11/30/17	11/30/17	11/30/17	11/30/17	11/30/17	11/30/17	11/30/17	Date	
TIAA-CREF SOCIAL CHOICE INTERNATIONAL EQUITY FUND (TSONX)	\$53.30	40	18.44%	N/A	N/A	N/A	0.71%	4.44%	23.12%	26.41%	N/A	N/A	N/A	6.85%	8/7/2015	
Gross Expense Ratio 135																
BM: Morgan Stanley EAFE Index 19.10%																
Fund vs. Morgan Stanley EAFE Index -66																
PG: Foreign Large Blend M*star Category 18.01%																
Fund vs. Foreign Large Blend M*star Category 43																
PG: Fund % Rank in Foreign Large Blend M*star Category 52%																
PG: # of funds in Foreign Large Blend M*star Category 736																
Fund Star Rating N/A																
Fixed Income																
TIAA-CREF BOND FUND (TIBDX)	\$4,482.10	31	1.22%	3.48%	2.88%	4.65%	-0.14%	-0.34%	4.06%	4.37%	2.99%	2.75%	4.40%	5.20%	7/1/1999	
Gross Expense Ratio 31																
BM: Bloomberg Barclays U.S. Aggregate Bond Index 0.07%																
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index 115																
PG: Intermediate-Term Bond M*star Category 0.83%																
Fund vs. Intermediate-Term Bond M*star Category 39																
PG: Fund % Rank in Intermediate-Term Bond M*star Category 32%																
PG: # of funds in Intermediate-Term Bond M*star Category 985																
Fund Star Rating N/A																
TIAA-CREF BOND INDEX FUND (TBIIX)	\$8,831.30	12	-0.19%	2.60%	1.92%	N/A	-0.17%	-0.59%	2.98%	3.08%	1.99%	1.81%	N/A	3.36%	9/14/2009	
Gross Expense Ratio 12																
BM: Bloomberg Barclays U.S. Aggregate Bond Index 0.07%																
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index -26																
PG: Intermediate-Term Bond M*star Category 0.83%																
Fund vs. Intermediate-Term Bond M*star Category -102																
PG: Fund % Rank in Intermediate-Term Bond M*star Category 84%																
PG: # of funds in Intermediate-Term Bond M*star Category 985																
Fund Star Rating N/A																
TIAA-CREF BOND PLUS FUND (TIBFX)	\$4,068.00	31	1.79%	3.61%	3.15%	4.76%	-0.02%	-0.17%	4.48%	4.75%	3.13%	3.02%	4.57%	4.76%	3/31/2006	
Gross Expense Ratio 31																
BM: Bloomberg Barclays U.S. Aggregate Bond Index 0.07%																
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index 172																
PG: Intermediate-Term Bond M*star Category 0.83%																
Fund vs. Intermediate-Term Bond M*star Category 96																
PG: Fund % Rank in Intermediate-Term Bond M*star Category 21%																
PG: # of funds in Intermediate-Term Bond M*star Category 985																
Fund Star Rating N/A																
TIAA-CREF EMERGING MARKETS DEBT FUND (TEDNX)	\$361.00	65	8.83%	6.79%	N/A	N/A	0.10%	0.90%	12.88%	14.79%	6.78%	N/A	N/A	6.35%	9/26/2014	
Gross Expense Ratio 68																
BM: JPMorgan EMBI Global Diversified Index 4.61%																
Fund vs. JPMorgan EMBI Global Diversified Index 422																
PG: Emerging Markets Bond M*star Category 6.49%																
Fund vs. Emerging Markets Bond M*star Category 234																
PG: Fund % Rank in Emerging Markets Bond M*star Category 12%																
PG: # of funds in Emerging Markets Bond M*star Category 289																
Fund Star Rating N/A																
TIAA-CREF HIGH YIELD FUND (TIHYX)	\$4,020.80	36	7.66%	5.32%	5.72%	7.31%	0.03%	1.07%	5.40%	7.42%	5.19%	5.48%	7.45%	7.20%	3/31/2006	
Gross Expense Ratio 36																
BM: ICE BofA ML BB-B Cash Pay Issuer Constrained Index (New) 7.91%																
Fund vs. ICE BofA ML BB-B Cash Pay Issuer Constrained Index (New) -25																
PG: High Yield Bond M*star Category 7.77%																
Fund vs. High Yield Bond M*star Category -11																
PG: Fund % Rank in High Yield Bond M*star Category 54%																
PG: # of funds in High Yield Bond M*star Category 697																
Fund Star Rating N/A																
TIAA-CREF INFLATION-LINKED BOND FUND (TIILX) ^[7]	\$2,708.40	26	-0.52%	1.01%	-0.42%	3.50%	-0.09%	-0.52%	1.23%	1.38%	0.69%	-0.64%	2.99%	4.03%	10/1/2002	
Gross Expense Ratio 26																
BM: Bloomberg Barclays US TIPS 1-10 Year Index -0.14%																
Fund vs. Bloomberg Barclays US TIPS 1-10 Year Index -38																
PG: Inflation-Protected Bond M*star Category -0.42%																
Fund vs. Inflation-Protected Bond M*star Category -10																
PG: Fund % Rank in Inflation-Protected Bond M*star Category 53%																
PG: # of funds in Inflation-Protected Bond M*star Category 232																
Fund Star Rating N/A																
TIAA-CREF INTERNATIONAL BOND FUND (TIBWX) ^[4]	\$248.80	65	0.97%	N/A	N/A	N/A	0.51%	0.61%	5.14%	6.02%	N/A	N/A	N/A	1.58%	8/5/2016	
Gross Expense Ratio 69																
BM: Bloomberg Barclays Global Aggregate ex-USD Index (Hedged) -0.55%																
Fund vs. Bloomberg Barclays Global Aggregate ex-USD Index (Hedged) 152																
PG: World Bond M*star Category 1.96%																
Fund vs. World Bond M*star Category -99																
PG: Fund % Rank in World Bond M*star Category 57%																
PG: # of funds in World Bond M*star Category 315																
Fund Star Rating N/A																
TIAA-CREF SHORT-TERM BOND FUND (TISIX)	\$1,624.50	27	1.48%	1.61%	1.33%	2.69%	-0.11%	0.01%	1.75%	1.91%	1.46%	1.23%	2.54%	2.96%	3/31/2006	
Gross Expense Ratio 27																
BM: Bloomberg Barclays US 1-3 Yr Govt Credit Index 0.66%																
Fund vs. Bloomberg Barclays US 1-3 Yr Govt Credit Index 82																
PG: Short-Term Bond M*star Category 1.26%																
Fund vs. Short-Term Bond M*star Category 22																
PG: Fund % Rank in Short-Term Bond M*star Category 29%																
PG: # of funds in Short-Term Bond M*star Category 512																
Fund Star Rating N/A																

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TIAA-CREF FUNDS
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FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) ^[2]	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Returns				1 Year					5 Year				Since Inception
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year			
10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17	Inc. Date					
TIAA-CREF SHORT-TERM BOND INDEX FUND (TNSHX)	\$293.60	12	0.38%	N/A	N/A	N/A	-0.28%	-0.45%	0.66%	0.65%	N/A	N/A	N/A	0.68%	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																
TIAA-CREF SOCIAL CHOICE BOND FUND (TSBIX)	\$1,628.50	40	1.16%	3.43%	3.17%	N/A	0.02%	-0.23%	4.08%	4.26%	2.86%	3.14%	N/A	3.28%	9/21/2012	
Gross Expense Ratio 40																
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 TAX-EXEMPT BOND FUND (TTITX)	\$274.10	35	0.20%	2.61%	2.02%	3.95%	-0.77%	-0.97%	4.10%	4.95%	2.06%	1.44%	3.75%	3.93%	3/31/2006	
Gross Expense Ratio 37																
BM: Bloomberg Barclays 10-Year Municipal Bond Index																
Fund vs. Bloomberg Barclays 10-Year Municipal Bond Index																
PG: Muni National Interim M*star Category																
Fund vs. Muni National Interim M*star Category																
PG: Fund % Rank in Muni National Interim M*star Category																
PG: # of funds in Muni National Interim M*star Category																
Fund Star Rating																
Multi-Asset																
TIAA-CREF LIFECYCLE 2010 FUND (TCTIX)^[8,9]	\$1,260.40	38	9.41%	5.92%	6.89%	4.95%	0.83%	2.89%	11.93%	12.92%	5.79%	7.16%	5.08%	6.06%	10/15/2004	
Gross Expense Ratio 50																
BM: Lifecycle 2010 Fund Composite Index																
Fund vs. Lifecycle 2010 Fund Composite Index																
BM: S&P Target Date 2010 Index																
Fund vs. S&P Target Date 2010 Index																
BM: Bloomberg Barclays U.S. Aggregate Bond Index																
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index																
PG: Target-Date 2000-2010 M*star Category																
Fund vs. Target-Date 2000-2010 M*star Category																
PG: Fund % Rank in Target-Date 2000-2010 M*star Category																
PG: # of funds in Target-Date 2000-2010 M*star Category																
Fund Star Rating																
TIAA-CREF LIFECYCLE 2015 FUND (TCNIX)^[8,9]	\$1,970.20	39	10.38%	6.31%	7.52%	4.97%	1.05%	3.33%	13.06%	14.08%	6.22%	7.85%	5.16%	6.30%	10/15/2004	
Gross Expense Ratio 51																
BM: Lifecycle 2015 Fund Composite Index																
Fund vs. Lifecycle 2015 Fund Composite Index																
BM: S&P Target Date 2015 Index																
Fund vs. S&P Target Date 2015 Index																
BM: Bloomberg Barclays U.S. Aggregate Bond Index																
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index																
PG: Target-Date 2015 M*star Category																
Fund vs. Target-Date 2015 M*star Category																
PG: Fund % Rank in Target-Date 2015 M*star Category																
PG: # of funds in Target-Date 2015 M*star Category																
Fund Star Rating																
TIAA-CREF LIFECYCLE 2020 FUND (TCWIX)^[10,8]	\$3,797.90	40	11.81%	6.84%	8.38%	5.05%	1.11%	3.81%	14.62%	15.68%	6.76%	8.75%	5.29%	6.51%	10/15/2004	
Gross Expense Ratio 51																
BM: Lifecycle 2020 Fund Composite Index																
Fund vs. Lifecycle 2020 Fund Composite Index																
BM: S&P Target Date 2020 Index																
Fund vs. S&P Target Date 2020 Index																
BM: Russell 3000 Index																
Fund vs. Russell 3000 Index																
PG: Target-Date 2020 M*star Category																
Fund vs. Target-Date 2020 M*star Category																
PG: Fund % Rank in Target-Date 2020 M*star Category																
PG: # of funds in Target-Date 2020 M*star Category																
Fund Star Rating																
TIAA-CREF LIFECYCLE 2025 FUND (TCYIX)^[10,8]	\$4,253.80	41	13.38%	7.36%	9.22%	5.11%	1.28%	4.42%	16.34%	17.56%	7.33%	9.68%	5.44%	6.74%	10/15/2004	
Gross Expense Ratio 52																
BM: Lifecycle 2025 Fund Composite Index																
Fund vs. Lifecycle 2025 Fund Composite Index																
BM: S&P Target Date 2025 Index																
Fund vs. S&P Target Date 2025 Index																
BM: Russell 3000 Index																
Fund vs. Russell 3000 Index																
PG: Target-Date 2025 M*star Category																
Fund vs. Target-Date 2025 M*star Category																
PG: Fund % Rank in Target-Date 2025 M*star Category																
PG: # of funds in Target-Date 2025 M*star Category																
Fund Star Rating																

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
INSTITUTIONAL SHARE CLASS

FOR PERIOD ENDING November 30, 2017
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		
			10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17	11/30/17 to 11/30/17		
TIAA-CREF LIFECYCLE 2030 FUND (TCRX)^[10.8]	\$4,180.40	42	15.04%	7.87%	10.02%	5.14%	1.45%	4.96%	18.00%	19.46%	7.94%	10.58%	5.52%	6.91%	10/15/2004	
Gross Expense Ratio		53													1/17/2007	
BM: Lifecycle 2030 Fund Composite Index			13.39%	7.26%	9.71%	5.11%	1.65%	4.68%	15.77%	17.58%	7.28%	10.39%	5.60%	7.00%		
Fund vs Lifecycle 2030 Fund Composite Index			165	61	31	3	-20	28	223	187	66	19	-8	-9		
BM: S&P Target Date 2030 Index			N/A	N/A	N/A	N/A	1.73%	4.95%	15.03%	16.98%	7.19%	9.75%	5.49%	7.00%		
Fund vs S&P Target Date 2030 Index			N/A	N/A	N/A	N/A	-28	1	297	248	75	83	3	-9		
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	9.00%		
Fund vs Russell 3000 Index			-367	-287	-421	-243	-159	-289	-193	-281	-281	-505	-291	-209		
PG: Target-Date 2030 M*star Category			12.52%	6.49%	8.23%	4.45%	N/A	N/A	N/A	17.05%	6.52%	8.83%	4.94%	N/A		
Fund vs Target-Date 2030 M*star Category			252	138	179	69	N/A	N/A	N/A	241	142	175	58	N/A		
PG: Fund % Rank in Target-Date 2030 M*star Category			8%	2%	5%	27%	N/A	N/A	N/A	8%	3%	6%	26%	N/A		
PG: # of funds in Target-Date 2030 M*star Category			239	188	155	89	N/A	N/A	N/A	231	182	150	84	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]	\$4,246.10	43	16.59%	8.36%	10.77%	5.34%	1.69%	5.64%	19.83%	21.30%	8.48%	11.43%	5.78%	7.24%	10/15/2004	
Gross Expense Ratio		54													1/17/2007	
BM: Lifecycle 2035 Fund Composite Index			14.98%	7.75%	10.52%	5.38%	1.85%	5.28%	17.32%	19.35%	7.84%	11.29%	5.93%	7.00%		
Fund vs Lifecycle 2035 Fund Composite Index			161	61	25	-4	-16	36	251	195	64	14	-15	24		
BM: S&P Target Date 2035 Index			N/A	N/A	N/A	N/A	1.92%	5.58%	16.51%	18.64%	7.77%	10.48%	5.65%	7.00%		
Fund vs S&P Target Date 2035 Index			N/A	N/A	N/A	N/A	-23	6	332	266	71	95	13	24		
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	9.00%		
Fund vs Russell 3000 Index			-212	-238	-346	-223	-135	-221	-10	-97	-227	-420	-265	-176		
PG: Target-Date 2035 M*star Category			14.35%	7.03%	9.12%	4.73%	N/A	N/A	N/A	19.04%	7.12%	9.81%	5.22%	N/A		
Fund vs Target-Date 2035 M*star Category			224	133	165	61	N/A	N/A	N/A	226	136	162	56	N/A		
PG: Fund % Rank in Target-Date 2035 M*star Category			10%	3%	5%	23%	N/A	N/A	N/A	9%	5%	5%	23%	N/A		
PG: # of funds in Target-Date 2035 M*star Category			210	162	124	57	N/A	N/A	N/A	205	159	131	57	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]	\$5,272.20	44	18.26%	8.81%	11.31%	5.62%	1.85%	6.24%	21.51%	23.05%	8.99%	12.03%	6.09%	7.63%	10/15/2004	
Gross Expense Ratio		55													1/17/2007	
BM: Lifecycle 2040 Fund Composite Index			16.58%	8.21%	11.11%	5.68%	2.05%	5.88%	18.86%	21.10%	8.39%	11.97%	6.26%	8.00%		
Fund vs Lifecycle 2040 Fund Composite Index			168	60	20	-6	-20	36	265	195	60	6	-17	-37		
BM: S&P Target Date 2040 Index			N/A	N/A	N/A	N/A	2.08%	6.04%	17.53%	19.79%	8.17%	10.99%	5.78%	7.00%		
Fund vs S&P Target Date 2040 Index			N/A	N/A	N/A	N/A	-23	20	398	326	82	104	31	63		
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	9.00%		
Fund vs Russell 3000 Index			-45	-193	-292	-195	-119	-161	158	78	-176	-380	-234	-137		
PG: Target-Date 2040 M*star Category			15.27%	7.31%	9.41%	4.73%	N/A	N/A	N/A	20.15%	7.44%	10.16%	5.29%	N/A		
Fund vs Target-Date 2040 M*star Category			299	150	190	89	N/A	N/A	N/A	290	155	187	80	N/A		
PG: Fund % Rank in Target-Date 2040 M*star Category			2%	1%	4%	23%	N/A	N/A	N/A	4%	1%	4%	20%	N/A		
PG: # of funds in Target-Date 2040 M*star Category			239	188	155	89	N/A	N/A	N/A	231	182	150	84	N/A		
Fund Star Rating			N/A	*****	*****	****	N/A	N/A	N/A	N/A	*****	*****	****	N/A		
TIAA-CREF LIFECYCLE 2045 FUND (TTFIIX)^[10]	\$2,658.90	45	18.88%	9.05%	11.44%	N/A	1.96%	6.57%	22.22%	23.95%	9.32%	12.21%	6.02%	6.02%	11/30/2007	
Gross Expense Ratio		57														
BM: Lifecycle 2045 Fund Composite Index			17.28%	8.48%	11.28%		2.16%	6.21%	19.61%	21.94%	8.74%	12.19%	6.36%	6.36%		
Fund vs Lifecycle 2045 Fund Composite Index			160	57	16		-20	36	261	201	58	2	-34	-34		
BM: S&P Target Date 2045 Index			N/A	N/A	N/A		2.14%	6.25%	18.18%	20.53%	8.43%	11.37%	5.81%	5.81%		
Fund vs S&P Target Date 2045 Index			N/A	N/A	N/A		-18	32	404	342	89	84	21	21		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	8.43%		
Fund vs Russell 3000 Index			17	-169	-279		-108	-128	229	168	-143	-342	-241	-241		
PG: Target-Date 2045 M*star Category			16.14%	7.57%	9.82%		N/A	N/A	N/A	21.14%	7.73%	10.61%	5.46%	N/A		
Fund vs Target-Date 2045 M*star Category			274	148	162		N/A	N/A	N/A	281	159	160	56	N/A		
PG: Fund % Rank in Target-Date 2045 M*star Category			1%	1%	4%		N/A	N/A	N/A	1%	1%	4%	27%	N/A		
PG: # of funds in Target-Date 2045 M*star Category			210	162	123		N/A	N/A	N/A	205	159	130	57	N/A		
Fund Star Rating			N/A	*****	*****		N/A	N/A	N/A	N/A	*****	*****	***	N/A		
TIAA-CREF LIFECYCLE 2050 FUND (TFTIIX)^[10]	\$1,706.60	45	19.27%	9.18%	11.53%	N/A	2.03%	6.71%	22.56%	24.22%	9.43%	12.29%	6.04%	6.04%	11/30/2007	
Gross Expense Ratio		57														
BM: Lifecycle 2050 Fund Composite Index			17.53%	8.60%	11.35%		2.19%	6.30%	19.85%	22.22%	8.87%	12.27%	6.41%	6.41%		
Fund vs Lifecycle 2050 Fund Composite Index			174	58	18		-16	41	271	200	56	2	-37	-37		
BM: S&P Target Date 2050 Index			N/A	N/A	N/A		2.21%	6.44%	18.77%	21.21%	8.66%	11.72%	5.96%	5.96%		
Fund vs S&P Target Date 2050 Index			N/A	N/A	N/A		-18	27	379	301	77	57	8	8		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	8.43%		
Fund vs Russell 3000 Index			56	-156	-270		-101	-114	263	195	-132	-334	-239	-239		
PG: Target-Date 2050 M*star Category			16.18%	7.63%	9.81%		N/A	N/A	N/A	21.29%	7.80%	10.62%	5.51%	N/A		
Fund vs Target-Date 2050 M*star Category			309	155	172		N/A	N/A	N/A	293	163	167	53	N/A		
PG: Fund % Rank in Target-Date 2050 M*star Category			1%	1%	4%		N/A	N/A	N/A	1%	1%	4%	33%	N/A		
PG: # of funds in Target-Date 2050 M*star Category			232	180	144		N/A	N/A	N/A	227	177	144	52	N/A		
Fund Star Rating			N/A	*****	*****		N/A	N/A	N/A	N/A	*****	*****	***	N/A		
TIAA-CREF LIFECYCLE 2055 FUND (TTRIIX)^[10]	\$477.90	45	19.43%	9.26%	11.58%	N/A	2.07%	6.80%	22.80%	24.49%	9.55%	12.36%	N/A	9.62%	4/29/2011	
Gross Expense Ratio		61														
BM: Lifecycle 2055 Fund Composite Index			17.79%	8.72%	11.42%		2.23%	6.40%	20.09%	22.50%	9.01%	12.36%		9.74%		
Fund vs Lifecycle 2055 Fund Composite Index			164	54	16		-16	40	271	199	54	0		-12		
BM: S&P Target Date 2055 Index			N/A	N/A	N/A		2.21%	6.50%	19.05%	21.54%	8.77%	11.95%		9.16%		
Fund vs S&P Target Date 2055 Index			N/A	N/A	N/A		-14	30	375	295	78	41		46		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		12.65%		
Fund vs Russell 3000 Index			72	-148	-265		-97	-105	287	222	-120	-327		-303		
PG: Target-Date 2055 M*star Category			16.60%	7.82%	10.21%		N/A	N/A	N/A	21.66%	8.02%	11.03%		N/A		
Fund vs Target-Date 2055 M*star Category			283	144	137		N/A	N/A	N/A	283	153	133		N/A		
PG: Fund % Rank in Target-Date 2055 M*star Category			1%	1%	3%		N/A	N/A	N/A	1%	1%	4%		N/A		
PG: # of funds in Target-Date 2055 M*star Category			208	149	92		N/A	N/A	N/A	203	149	100		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 November 30, 2017
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	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) [2]	Previous Quarter-End Returns				Current Month-End 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		
			10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17	to Inception		
TIAA-CREF LIFECYCLE 2060 FUND (TLXNX) [10]	\$62.10	45	18.60%	9.35%	N/A	N/A	2.04%	6.86%	22.95%	24.57%	9.64%	N/A	N/A	10.00%	9/26/2014	
Gross Expense Ratio		120														
BM: Lifecycle 2060 Fund Composite Index			18.04%	8.84%			2.26%	6.50%	20.34%	22.78%	9.15%			9.55%		
Fund vs Lifecycle 2060 Fund Composite Index			156	51			-22	36	261	179	49			45		
BM: S&P Target Date 2060+ Index			N/A	N/A			2.26%	6.61%	19.31%	21.84%	8.85%			9.16%		
Fund vs S&P Target Date 2060+ Index			N/A	N/A			-22	25	364	273	79			84		
BM: Russell 3000 Index			18.71%	10.74%			3.04%	7.85%	19.93%	22.27%	10.75%			11.68%		
Fund vs Russell 3000 Index			89	-139			-100	-99	302	230	-111			-168		
PG: Target-Date 2060+ M*star Category			16.85%	8.27%			N/A	N/A	N/A	21.86%	8.41%			N/A		
Fund vs Target-Date 2060+ M*star Category			275	108			N/A	N/A	N/A	271	123			N/A		
PG: Fund % Rank in Target-Date 2060+ M*star Category			1%	3%			N/A	N/A	N/A	1%	1%			N/A		
PG: # of funds in Target-Date 2060+ M*star Category			148	34			N/A	N/A	N/A	148	40			N/A		
Fund Star Rating			N/A	****			N/A	N/A	N/A	N/A	****			N/A		
TIAA-CREF LIFECYCLE INDEX 2010 FUND (TLTIX) [9]	\$346.90	10	7.84%	5.29%	6.38%	N/A	0.86%	2.48%	10.34%	11.27%	5.06%	6.73%	N/A	7.33%	9/30/2009	
Gross Expense Ratio		26														
BM: Lifecycle Index 2010 Composite Benchmark			8.04%	5.36%	6.51%		0.93%	2.62%	10.35%	11.46%	5.14%	6.86%		7.48%		
Fund vs Lifecycle Index 2010 Composite Benchmark			-20	-7	-13		-7	-14	-1	-19	-8	-13		-15		
BM: S&P Target Date 2010 Index			N/A	N/A	N/A		0.94%	2.58%	9.14%	10.23%	4.68%	5.97%		6.56%		
Fund vs S&P Target Date 2010 Index			N/A	N/A	N/A		-8	-10	120	104	38	76		77		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%		3.51%		
Fund vs Bloomberg Barclays U.S. Aggregate Bond Index			777	258	432		99	303	727	806	295	475		382		
PG: Target-Date 2000-2010 M*star Category			7.10%	4.66%	5.51%		N/A	N/A	N/A	10.44%	4.50%	5.79%		N/A		
Fund vs Target-Date 2000-2010 M*star Category			74	63	87		N/A	N/A	N/A	83	56	94		N/A		
PG: Fund % Rank in Target-Date 2000-2010 M*star Category			27%	16%	14%		N/A	N/A	N/A	26%	17%	14%		N/A		
PG: # of funds in Target-Date 2000-2010 M*star Category			108	88	66		N/A	N/A	N/A	110	90	69		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFECYCLE INDEX 2015 FUND (TLFIX) [9]	\$673.80	10	8.83%	5.70%	7.04%	N/A	1.01%	2.91%	11.39%	12.44%	5.50%	7.46%	N/A	7.86%	9/30/2009	
Gross Expense Ratio		24														
BM: Lifecycle Index 2015 Composite Benchmark			8.98%	5.74%	7.16%		1.06%	2.98%	11.35%	12.58%	5.55%	7.57%		8.01%		
Fund vs Lifecycle Index 2015 Composite Benchmark			-15	-4	-12		-5	-7	4	-14	-5	-11		-15		
BM: S&P Target Date 2015 Index			N/A	N/A	N/A		1.10%	3.05%	10.52%	11.87%	5.35%	7.07%		7.45%		
Fund vs S&P Target Date 2015 Index			N/A	N/A	N/A		-9	-14	87	57	15	39		41		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%		3.51%		
Fund vs Bloomberg Barclays U.S. Aggregate Bond Index			876	299	498		114	346	832	923	339	548		435		
PG: Target-Date 2015 M*star Category			8.05%	5.01%	6.23%		N/A	N/A	N/A	11.63%	4.84%	6.53%		N/A		
Fund vs Target-Date 2015 M*star Category			78	69	81		N/A	N/A	N/A	81	66	93		N/A		
PG: Fund % Rank in Target-Date 2015 M*star Category			38%	17%	20%		N/A	N/A	N/A	33%	19%	21%		N/A		
PG: # of funds in Target-Date 2015 M*star Category			121	90	64		N/A	N/A	N/A	119	89	65		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFECYCLE INDEX 2020 FUND (TLWIX) [10]	\$1,467.60	10	10.14%	6.18%	7.88%	N/A	1.20%	3.38%	12.75%	14.03%	6.03%	8.37%	N/A	8.51%	9/30/2009	
Gross Expense Ratio		22														
BM: Lifecycle Index 2020 Composite Benchmark			10.31%	6.22%	7.99%		1.23%	3.47%	12.70%	14.11%	6.09%	8.49%		8.65%		
Fund vs Lifecycle Index 2020 Composite Benchmark			-17	-4	-11		-3	-9	5	-8	-6	-12		-14		
BM: S&P Target Date 2020 Index			N/A	N/A	N/A		1.27%	3.55%	11.87%	13.43%	5.95%	8.04%		8.21%		
Fund vs S&P Target Date 2020 Index			N/A	N/A	N/A		-7	-17	88	60	8	33		30		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.28%		
Fund vs Russell 3000 Index			-857	-456	-635		-184	-447	-718	-824	-472	-726		-577		
PG: Target-Date 2020 M*star Category			8.92%	5.22%	6.40%		N/A	N/A	N/A	12.80%	5.10%	6.80%		N/A		
Fund vs Target-Date 2020 M*star Category			122	96	148		N/A	N/A	N/A	123	93	157		N/A		
PG: Fund % Rank in Target-Date 2020 M*star Category			34%	16%	12%		N/A	N/A	N/A	29%	14%	12%		N/A		
PG: # of funds in Target-Date 2020 M*star Category			239	188	155		N/A	N/A	N/A	231	182	150		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFECYCLE INDEX 2025 FUND (TLQIX) [10]	\$1,671.60	10	11.67%	6.74%	8.77%	N/A	1.38%	3.95%	14.32%	15.75%	6.66%	9.34%	N/A	9.19%	9/30/2009	
Gross Expense Ratio		22														
BM: Lifecycle Index 2025 Composite Benchmark			11.85%	6.78%	8.87%		1.43%	4.06%	14.28%	15.90%	6.71%	9.46%		9.32%		
Fund vs Lifecycle Index 2025 Composite Benchmark			-18	-4	-10		-5	-11	4	-15	-5	-12		-13		
BM: S&P Target Date 2025 Index			N/A	N/A	N/A		1.50%	4.25%	13.50%	15.26%	6.59%	8.91%		8.88%		
Fund vs S&P Target Date 2025 Index			N/A	N/A	N/A		-12	-30	82	49	7	43		31		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.28%		
Fund vs Russell 3000 Index			-704	-400	-546		-166	-390	-561	-652	-409	-629		-509		
PG: Target-Date 2025 M*star Category			10.85%	5.92%	7.54%		N/A	N/A	N/A	15.08%	5.86%	8.03%		N/A		
Fund vs Target-Date 2025 M*star Category			82	82	123		N/A	N/A	N/A	67	80	131		N/A		
PG: Fund % Rank in Target-Date 2025 M*star Category			39%	17%	16%		N/A	N/A	N/A	41%	14%	13%		N/A		
PG: # of funds in Target-Date 2025 M*star Category			210	162	124		N/A	N/A	N/A	205	159	131		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFECYCLE INDEX 2030 FUND (TLHIX) [10]	\$1,728.70	10	13.21%	7.28%	9.63%	N/A	1.54%	4.57%	15.97%	17.53%	7.28%	10.30%	N/A	9.87%	9/30/2009	
Gross Expense Ratio		21														
BM: Lifecycle Index 2030 Composite Benchmark			13.41%	7.32%	9.73%		1.63%	4.65%	15.88%	17.72%	7.33%	10.42%		10.00%		
Fund vs Lifecycle Index 2030 Composite Benchmark			-20	-4	-10		-9	-8	9	-19	-5	-12		-13		
BM: S&P Target Date 2030 Index			N/A	N/A	N/A		1.73%	4.95%	15.03%	16.98%	7.19%	9.75%		9.47%		
Fund vs S&P Target Date 2030 Index			N/A	N/A	N/A		-19	-38	94	55	9	55		40		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.28%		
Fund vs Russell 3000 Index			-550	-346	-460		-150	-328	-396	-474	-347	-533		-441		
PG: Target-Date 2030 M*star Category			12.52%	6.49%	8.23%		N/A	N/A	N/A	17.05%	6.52%	8.83%		N/A		
Fund vs Target-Date 2030 M*star Category			69	79	140		N/A	N/A	N/A	48	76	147		N/A		
PG: Fund % Rank in Target-Date 2030 M*star Category			43%	17%	11%		N/A	N/A	N/A	51%	18%	11%		N/A		
PG: # of funds in Target-Date 2030 M*star Category			239	188	155		N/A	N/A	N/A	231	182	150		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 November 30, 2017
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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		
			10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17	11/30/17 to 9/30/2009		
TIAA-CREF LIFECYCLE INDEX 2035 FUND (TLYIX) [10]	\$1,625.60	10	14.88%	7.80%	10.46%	N/A	1.73%	5.10%	17.47%	19.31%	7.84%	11.20%	N/A	10.50%	9/30/2009	
Gross Expense Ratio		21														
BM: Lifecycle Index 2035 Composite Benchmark			15.00%	7.82%	10.55%		1.83%	5.25%	17.45%	19.50%	7.90%	11.33%		10.64%		
Fund vs. Lifecycle Index 2035 Composite Benchmark			-12	-2	-9		-10	-15	2	-19	-6	-13		-14		
BM: S&P Target Date 2035 Index			N/A	N/A	N/A		1.92%	5.58%	16.51%	18.64%	7.77%	10.48%		9.99%		
Fund vs. S&P Target Date 2035 Index			N/A	N/A	N/A		-19	-48	96	67	7	72		51		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.28%		
Fund vs. Russell 3000 Index			-383	-294	-377		-131	-275	-246	-296	-291	-443		-378		
PG: Target-Date 2035 M*star Category			14.35%	7.03%	9.12%		N/A	N/A	N/A	19.04%	7.12%	9.81%		N/A		
Fund vs. Target-Date 2035 M*star Category			53	77	134		N/A	N/A	N/A	27	72	139		N/A		
PG: Fund % Rank in Target-Date 2035 M*star Category			33%	21%	10%		N/A	N/A	N/A	50%	19%	8%		N/A		
PG: # of funds in Target-Date 2035 M*star Category			210	162	124		N/A	N/A	N/A	205	159	131		N/A		
Fund Star Rating			N/A	****	*****		N/A	N/A	N/A	N/A	****	*****		N/A		
TIAA-CREF LIFECYCLE INDEX 2040 FUND (TLZIX) [10]	\$1,752.00	10	16.44%	8.28%	11.07%	N/A	1.94%	5.77%	19.08%	21.14%	8.43%	11.91%	N/A	10.94%	9/30/2009	
Gross Expense Ratio		20														
BM: Lifecycle Index 2040 Composite Benchmark			16.60%	8.30%	11.15%		2.03%	5.86%	19.00%	21.27%	8.46%	12.01%		11.07%		
Fund vs. Lifecycle Index 2040 Composite Benchmark			-16	-2	-8		-9	-9	8	-13	-3	-10		-13		
BM: S&P Target Date 2040 Index			N/A	N/A	N/A		2.08%	6.04%	17.53%	19.79%	8.17%	10.99%		10.35%		
Fund vs. S&P Target Date 2040 Index			N/A	N/A	N/A		-14	-27	155	135	26	92		59		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.28%		
Fund vs. Russell 3000 Index			-227	-246	-316		-110	-208	-85	-113	-232	-372		-334		
PG: Target-Date 2040 M*star Category			15.27%	7.31%	9.41%		N/A	N/A	N/A	20.15%	7.44%	10.16%		N/A		
Fund vs. Target-Date 2040 M*star Category			117	97	166		N/A	N/A	N/A	99	99	175		N/A		
PG: Fund % Rank in Target-Date 2040 M*star Category			28%	13%	7%		N/A	N/A	N/A	29%	11%	6%		N/A		
PG: # of funds in Target-Date 2040 M*star Category			239	188	155		N/A	N/A	N/A	231	182	150		N/A		
Fund Star Rating			N/A	****	*****		N/A	N/A	N/A	N/A	****	*****		N/A		
TIAA-CREF LIFECYCLE INDEX 2045 FUND (TLXIX) [10]	\$1,080.50	10	17.16%	8.54%	11.20%	N/A	2.09%	6.08%	19.82%	21.97%	8.75%	12.10%	N/A	11.06%	9/30/2009	
Gross Expense Ratio		21														
BM: Lifecycle Index 2045 Composite Benchmark			17.31%	8.57%	11.31%		2.14%	6.18%	19.76%	22.11%	8.80%	12.22%		11.19%		
Fund vs. Lifecycle Index 2045 Composite Benchmark			-15	-3	-11		-5	-10	6	-14	-5	-12		-13		
BM: S&P Target Date 2045 Index			N/A	N/A	N/A		2.14%	6.25%	18.18%	20.53%	8.43%	11.37%		10.60%		
Fund vs. S&P Target Date 2045 Index			N/A	N/A	N/A		-5	-17	164	144	32	73		46		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.28%		
Fund vs. Russell 3000 Index			-155	-220	-303		-95	-177	-11	-30	-200	-353		-322		
PG: Target-Date 2045 M*star Category			16.14%	7.57%	9.82%		N/A	N/A	N/A	21.14%	7.73%	10.61%		N/A		
Fund vs. Target-Date 2045 M*star Category			102	97	138		N/A	N/A	N/A	83	102	149		N/A		
PG: Fund % Rank in Target-Date 2045 M*star Category			24%	10%	7%		N/A	N/A	N/A	26%	8%	5%		N/A		
PG: # of funds in Target-Date 2045 M*star Category			210	162	123		N/A	N/A	N/A	205	159	130		N/A		
Fund Star Rating			N/A	****	*****		N/A	N/A	N/A	N/A	****	*****		N/A		
TIAA-CREF LIFECYCLE INDEX 2050 FUND (TLIIX) [10]	\$774.80	10	17.44%	8.67%	11.28%	N/A	2.08%	6.17%	20.10%	22.23%	8.89%	12.20%	N/A	11.12%	9/30/2009	
Gross Expense Ratio		22														
BM: Lifecycle Index 2050 Composite Benchmark			17.56%	8.68%	11.39%		2.17%	6.28%	20.00%	22.39%	8.94%	12.31%		11.25%		
Fund vs. Lifecycle Index 2050 Composite Benchmark			-12	-1	-11		-9	-11	10	-16	-5	-11		-13		
BM: S&P Target Date 2050 Index			N/A	N/A	N/A		2.21%	6.44%	18.77%	21.21%	8.66%	11.72%		10.80%		
Fund vs. S&P Target Date 2050 Index			N/A	N/A	N/A		-13	-27	133	102	23	48		32		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.28%		
Fund vs. Russell 3000 Index			-127	-207	-295		-96	-168	17	-4	-186	-343		-316		
PG: Target-Date 2050 M*star Category			18.18%	7.63%	9.81%		N/A	N/A	N/A	21.29%	7.80%	10.62%		N/A		
Fund vs. Target-Date 2050 M*star Category			126	104	147		N/A	N/A	N/A	94	109	158		N/A		
PG: Fund % Rank in Target-Date 2050 M*star Category			20%	12%	7%		N/A	N/A	N/A	25%	6%	5%		N/A		
PG: # of funds in Target-Date 2050 M*star Category			232	180	144		N/A	N/A	N/A	227	177	144		N/A		
Fund Star Rating			N/A	*****	*****		N/A	N/A	N/A	N/A	*****	*****		N/A		
TIAA-CREF LIFECYCLE INDEX 2055 FUND (TTIIX) [10]	\$252.90	10	17.64%	8.76%	11.36%	N/A	2.16%	6.27%	20.31%	22.51%	9.04%	12.29%	N/A	9.66%	4/29/2011	
Gross Expense Ratio		31														
BM: Lifecycle Index 2055 Composite Benchmark			17.81%	8.80%	11.46%		2.20%	6.37%	20.25%	22.68%	9.08%	12.40%		9.77%		
Fund vs. Lifecycle Index 2055 Composite Benchmark			-17	-4	-10		-4	-10	6	-17	-4	-11		-11		
BM: S&P Target Date 2055 Index			N/A	N/A	N/A		2.21%	6.50%	19.05%	21.54%	8.77%	11.95%		9.16%		
Fund vs. S&P Target Date 2055 Index			N/A	N/A	N/A		-5	-23	126	97	27	34		50		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		12.65%		
Fund vs. Russell 3000 Index			-107	-198	-287		-88	-158	38	24	-171	-334		-299		
PG: Target-Date 2055 M*star Category			16.60%	7.82%	10.21%		N/A	N/A	N/A	21.66%	8.02%	11.03%		N/A		
Fund vs. Target-Date 2055 M*star Category			104	94	115		N/A	N/A	N/A	85	102	126		N/A		
PG: Fund % Rank in Target-Date 2055 M*star Category			25%	8%	8%		N/A	N/A	N/A	22%	4%	6%		N/A		
PG: # of funds in Target-Date 2055 M*star Category			208	149	92		N/A	N/A	N/A	203	149	100		N/A		
Fund Star Rating			N/A	****	*****		N/A	N/A	N/A	N/A	****	*****		N/A		
TIAA-CREF LIFECYCLE INDEX 2060 FUND (TVIIX) [10]	\$44.40	10	17.84%	8.90%	N/A	N/A	2.14%	6.35%	20.51%	22.67%	9.17%	N/A	N/A	9.52%	9/26/2014	
Gross Expense Ratio		100														
BM: Lifecycle Index 2060 Composite Benchmark			18.07%	8.92%			2.23%	6.47%	20.49%	22.96%	9.22%			9.63%		
Fund vs. Lifecycle Index 2060 Composite Benchmark			-23	-2			-9	-12	2	-29	-5			-11		
BM: S&P Target Date 2060+ Index			N/A	N/A			2.26%	6.61%	19.31%	21.84%	8.85%			9.16%		
Fund vs. S&P Target Date 2060+ Index			N/A	N/A			-12	-26	120	83	32			36		
BM: Russell 3000 Index			18.71%	10.74%			3.04%	7.85%	19.93%	22.27%	10.75%			11.68%		
Fund vs. Russell 3000 Index			-87	-184			-90	-150	58	40	-158			-216		
PG: Target-Date 2060+ M*star Category			16.85%	8.27%			N/A	N/A	N/A	21.86%	8.41%			N/A		
Fund vs. Target-Date 2060+ M*star Category			99	63			N/A	N/A	N/A	81	76			N/A		
PG: Fund % Rank in Target-Date 2060+ M*star Category			19%	11%			N/A	N/A	N/A	24%	7%			N/A		
PG: # of funds in Target-Date 2060+ M*star Category			148	34			N/A	N/A	N/A	148	40			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 November 30, 2017
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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 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		
TIAA-CREF LIFECYCLE INDEX RETIREMENT INCOME FUND (TRILX) [9]	\$174.80	10	7.19%	5.01%	5.74%	N/A	0.77%	2.33%	9.68%	10.57%	4.78%	6.04%	N/A	6.80%	9/30/2009
Gross Expense Ratio		37													
BM: Lifecycle Index Retirement Income Composite Benchmark			7.42%	5.10%	5.87%		0.87%	2.41%	9.74%	10.76%	4.88%	6.18%		6.96%	
Fund vs. Lifecycle Index Retirement Income Composite Benchmark			-23	-9	-13		-10	-8	-6	-19	-10	-14		-16	
BM: S&P Target Date Retirement Income Index			N/A	N/A	N/A		0.81%	2.18%	7.80%	8.65%	4.03%	4.84%		5.64%	
Fund vs. S&P Target Date Retirement Income Index			N/A	N/A	N/A		-4	15	188	192	75	120		116	
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%		3.51%	
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			712	230	368		90	288	661	736	267	406		329	
PG: Target-Date Retirement M*star Category			5.83%	3.87%	4.22%		N/A	N/A	N/A	8.93%	3.67%	4.43%		N/A	
Fund vs. Target-Date Retirement M*star Category			136	114	152		N/A	N/A	N/A	164	111	161		N/A	
PG: Fund % Rank in Target-Date Retirement M*star Category			21%	6%	7%		N/A	N/A	N/A	22%	9%	9%		N/A	
PG: # of funds in Target-Date Retirement M*star Category			178	144	125		N/A	N/A	N/A	172	140	122		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFECYCLE RETIREMENT INCOME FUND (TLRIX) [9]	\$520.00	38	8.76%	5.61%	6.28%	N/A	0.76%	2.63%	11.28%	12.12%	5.49%	6.50%	5.19%	5.19%	11/30/2007
Gross Expense Ratio		54													
BM: Lifecycle Retirement Income Fund Composite Index			7.41%	5.01%	5.79%		0.88%	2.43%	9.68%	10.69%	4.84%	6.11%	5.11%	5.11%	
Fund vs. Lifecycle Retirement Income Fund Composite Index			135	60	49		-12	20	160	143	65	39	8	8	
BM: S&P Target Date Retirement Income Index			N/A	N/A	N/A		0.81%	2.18%	7.80%	8.65%	4.03%	4.84%	3.99%	3.99%	
Fund vs. S&P Target Date Retirement Income Index			N/A	N/A	N/A		-5	45	348	347	146	166	120	120	
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%	3.99%	3.99%	
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			869	290	422		89	318	821	891	338	452	120	120	
PG: Target-Date Retirement M*star Category			5.83%	3.87%	4.22%		N/A	N/A	N/A	8.93%	3.67%	4.43%	3.98%	N/A	
Fund vs. Target-Date Retirement M*star Category			293	174	206		N/A	N/A	N/A	319	182	207	121	N/A	
PG: Fund % Rank in Target-Date Retirement M*star Category			1%	1%	1%		N/A	N/A	N/A	4%	1%	1%	5%	N/A	
PG: # of funds in Target-Date Retirement M*star Category			178	144	125		N/A	N/A	N/A	172	140	122	73	N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****	****	N/A	
TIAA-CREF LIFESTYLE AGGRESSIVE GROWTH FUND (TSAIX) [12]	\$92.10	56	20.50%	9.49%	12.41%	N/A	2.10%	7.05%	23.98%	25.67%	9.70%	13.12%	N/A	13.60%	12/9/2011
Gross Expense Ratio		86													
BM: Lifestyle Aggressive Composite Benchmark			19.15%	8.99%	12.08%		2.40%	6.92%	21.41%	24.00%	9.32%	13.08%		13.32%	
Fund vs. Lifestyle Aggressive Composite Benchmark			135	50	33		-30	13	257	167	38	4		28	
BM: Morningstar Aggressive Target Risk TR USD			17.79%	8.19%	10.87%		2.22%	6.40%	20.15%	22.53%	8.72%	11.74%		12.06%	
Fund vs. Morningstar Aggressive Target Risk TR USD			271	130	154		-12	65	383	314	98	138		154	
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		15.62%	
Fund vs. Russell 3000 Index			179	-125	-182		-94	-80	405	340	-105	-251		-202	
PG: Allocation--85%+ Equity M*star Category			16.02%	7.40%	10.73%		N/A	N/A	N/A	19.30%	7.35%	11.55%		N/A	
Fund vs. Allocation--85%+ Equity M*star Category			448	209	168		N/A	N/A	N/A	637	235	157		N/A	
PG: Fund % Rank in Allocation--85%+ Equity M*star Category			1%	3%	2%		N/A	N/A	N/A	1%	1%	3%		N/A	
PG: # of funds in Allocation--85%+ Equity M*star Category			178	156	131		N/A	N/A	N/A	185	160	132		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFESTYLE CONSERVATIVE FUND (TCSIX) [11]	\$211.30	46	8.97%	5.61%	6.45%	N/A	0.79%	2.72%	11.37%	12.20%	5.49%	6.63%	N/A	7.34%	12/9/2011
Gross Expense Ratio		58													
BM: Lifestyle Conservative Composite Benchmark			7.50%	4.98%	5.84%		0.86%	2.43%	9.61%	10.62%	4.82%	6.17%		6.54%	
Fund vs. Lifestyle Conservative Composite Benchmark			147	63	61		-7	29	176	158	67	46		80	
BM: Morningstar Moderately Conservative Target Risk TR USD			7.29%	4.82%	5.48%		0.87%	2.44%	9.94%	10.94%	4.86%	5.81%		6.41%	
Fund vs. Morningstar Moderately Conservative Target Risk TR USD			168	79	97		-8	28	143	126	63	82		93	
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%		2.51%	
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			890	290	439		92	327	830	899	338	465		483	
PG: Allocation--30% to 50% Equity M*star Category			7.04%	4.06%	5.30%		N/A	N/A	N/A	10.23%	4.06%	5.72%		N/A	
Fund vs. Allocation--30% to 50% Equity M*star Category			193	155	115		N/A	N/A	N/A	197	143	91		N/A	
PG: Fund % Rank in Allocation--30% to 50% Equity M*star Category			14%	9%	19%		N/A	N/A	N/A	16%	12%	23%		N/A	
PG: # of funds in Allocation--30% to 50% Equity M*star Category			502	395	356		N/A	N/A	N/A	510	414	370		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFESTYLE GROWTH FUND (TSGGX) [12]	\$136.80	53	16.74%	8.41%	10.60%	N/A	1.73%	5.65%	20.11%	21.47%	8.52%	11.13%	N/A	11.74%	12/9/2011
Gross Expense Ratio		72													
BM: Lifestyle Growth Composite Benchmark			15.11%	7.80%	10.10%		1.89%	5.40%	17.53%	19.57%	7.95%	10.86%		11.18%	
Fund vs. Lifestyle Growth Composite Benchmark			163	61	50		-16	25	258	190	57	27		56	
BM: Morningstar Moderately Aggressive Target Risk TR USD			14.90%	7.25%	9.39%		1.85%	5.25%	17.30%	19.32%	7.65%	10.11%		10.52%	
Fund vs. Morningstar Moderately Aggressive Target Risk TR USD			184	116	121		-12	40	281	215	87	102		122	
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		15.62%	
Fund vs. Russell 3000 Index			-197	-233	-363		-131	-220	18	-80	-223	-450		-388	
PG: Allocation--70% to 85% Equity M*star Category			12.84%	6.01%	8.87%		N/A	N/A	N/A	16.20%	5.87%	9.54%		N/A	
Fund vs. Allocation--70% to 85% Equity M*star Category			390	240	173		N/A	N/A	N/A	527	265	159		N/A	
PG: Fund % Rank in Allocation--70% to 85% Equity M*star Category			6%	4%	9%		N/A	N/A	N/A	6%	4%	12%		N/A	
PG: # of funds in Allocation--70% to 85% Equity M*star Category			359	319	284		N/A	N/A	N/A	351	317	277		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFESTYLE INCOME FUND (TSITX) [11]	\$68.70	43	5.25%	3.99%	4.19%	N/A	0.36%	1.37%	7.05%	7.57%	3.80%	4.22%	N/A	4.88%	12/9/2011
Gross Expense Ratio		72													
BM: Lifestyle Income Composite Benchmark			3.92%	3.36%	3.59%		0.34%	0.99%	5.60%	6.13%	3.09%	3.70%		4.07%	
Fund vs. Lifestyle Income Composite Benchmark			133	63	60		2	38	145	144	71	52		81	
BM: Morningstar Conservative Target Risk TR USD			3.56%	3.23%	3.17%		0.42%	0.98%	6.40%	6.93%	3.15%	3.31%		4.03%	
Fund vs. Morningstar Conservative Target Risk TR USD			169	76	102		-6	39	65	64	65	91		85	
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%		2.51%	
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			518	128	213		49	192	398	436	169	224		237	
PG: Allocation--15% to 30% Equity M*star Category			4.46%	2.92%	3.33%		N/A	N/A	N/A	6.61%	2.80%	3.37%		N/A	
Fund vs. Allocation--15% to 30% Equity M*star Category			79	107	86		N/A	N/A	N/A	96	100	85		N/A	
PG: Fund % Rank in Allocation--15% to 30% Equity M*star Category			28%	18%	30%		N/A	N/A	N/A	35%	17%	33%		N/A	
PG: # of funds in Allocation--15% to 30% Equity M*star Category			201	175	149		N/A	N/A	N/A	200	177	152		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 November 30, 2017
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	
TIAA-CREF LIFESTYLE MODERATE FUND (TSIMX) [12]	\$307.70	50	12.77%	7.21%	8.72%	N/A	1.27%	4.17%	16.03%	17.12%	7.18%	9.09%	N/A	9.82%	12/9/2011
Gross Expense Ratio		59													
BM: Lifestyle Moderate Composite Benchmark			11.19%	6.58%	8.10%		1.39%	3.89%	13.76%	15.28%	6.54%	8.64%		9.02%	
Fund vs. Lifestyle Moderate Composite Benchmark			158	63	62		-12	28	227	184	64	45		80	
BM: Morningstar Moderate Target Risk TR USD			10.95%	6.04%	7.44%		1.36%	3.81%	13.42%	14.91%	6.23%	7.96%		8.49%	
Fund vs. Morningstar Moderate Target Risk TR USD			182	117	128		-9	36	261	221	95	113		133	
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		15.62%	
Fund vs. Russell 3000 Index			-594	-353	-551		-177	-368	-390	-515	-357	-654		-580	
PG: Allocation--50% to 70% Equity M*star Category			10.52%	5.38%	7.51%		N/A	N/A	N/A	13.56%	5.32%	8.03%		N/A	
Fund vs. Allocation--50% to 70% Equity M*star Category			225	183	121		N/A	N/A	N/A	356	186	106		N/A	
PG: Fund % Rank in Allocation--50% to 70% Equity M*star Category			17%	13%	27%		N/A	N/A	N/A	10%	10%	32%		N/A	
Fund % Rank in Allocation--50% to 70% Equity M*star Category			821	725	664		N/A	N/A	N/A	820	719	668		N/A	
PG: # of funds in Allocation--50% to 70% Equity M*star Category			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	
Fund Star Rating															
TIAA-CREF MANAGED ALLOCATION FUND (TIMX) [12]	\$865.40	40	12.93%	7.34%	8.78%	5.46%	1.31%	4.23%	16.02%	17.10%	7.33%	9.21%	5.74%	6.35%	3/31/2006
Gross Expense Ratio		43													
BM: Managed Allocation Composite Index [5]			11.19%	6.58%	8.19%	5.51%	1.39%	3.89%	13.76%	15.28%	6.54%	8.74%	5.81%	6.33%	
Fund vs. Managed Allocation Composite Index			174	76	59	-5	-8	34	226	182	79	47	-7	2	
BM: Morningstar Moderate Target Risk TR USD			10.95%	6.04%	7.44%	5.40%	1.36%	3.81%	13.42%	14.91%	6.23%	7.96%	5.66%	6.35%	
Fund vs. Morningstar Moderate Target Risk TR USD			198	130	134	6	-5	42	260	219	110	125	8	0	
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	8.57%	
Fund vs. Russell 3000 Index			-578	-340	-545	-211	-173	-362	-391	-517	-342	-642	-269	-222	
PG: Allocation--50% to 70% Equity M*star Category			10.52%	5.38%	7.51%	5.07%	N/A	N/A	N/A	13.56%	5.32%	8.03%	5.40%	N/A	
Fund vs. Allocation--50% to 70% Equity M*star Category			241	196	127	39	N/A	N/A	N/A	354	201	118	34	N/A	
PG: Fund % Rank in Allocation--50% to 70% Equity M*star Category			15%	11%	26%	38%	N/A	N/A	N/A	10%	8%	30%	39%	N/A	
Fund % Rank in Allocation--50% to 70% Equity M*star Category			821	725	664	458	N/A	N/A	N/A	820	719	668	458	N/A	
PG: # of funds in Allocation--50% to 70% Equity M*star Category			N/A	****	****	***	N/A	N/A	N/A	N/A	****	****	***	N/A	
Fund Star Rating															
TIAA-CREF MONEY MARKET FUND (TCIXX) [3,6,13]	\$877.60	14	0.58%	0.27%	0.17%	0.56%	0.08%	0.23%	0.66%	0.69%	0.32%	0.20%	0.49%	1.90%	7/1/1999
Gross Expense Ratio		14													
BM: iMoneyNet Money Fund Averages TM-All Government			0.32%	0.13%	0.08%	0.31%	0.05%	0.16%	0.40%	0.41%	0.16%	0.10%	0.26%	1.51%	
Fund vs. iMoneyNet Money Fund Averages TM-All Government			26	14	9	25	3	7	26	28	16	10	23	39	
7-Day Effective Yield as of 11/30/2017: 0.90%															
7-Day Current Yield as of 11/30/2017: 0.90%															

MUTUAL FUND TOTALS [11] **\$130,591.90**

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.

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, 2018 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.

[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 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.

[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.

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
ADVISOR SHARE CLASS

FOR PERIOD ENDING November 30, 2017
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		
			10/01/16	10/01/14	10/01/12	10/01/07	11/01/17	09/01/17	01/01/17	12/01/16	12/01/14	12/01/12	12/01/07	Inc.		
			to	to	to	to	to	to	to	to	to	to	Date			
			09/30/17	09/30/17	09/30/17	09/30/17	11/30/17	11/30/17	11/30/17	11/30/17	11/30/17	11/30/17	11/30/17			
U.S. Equities																
TIAA-CREF ENHANCED LARGE-CAP GROWTH INDEX FUND (TECGX)	\$2,651.60	43	22.48%	13.14%	14.54%	N/A	3.24%	9.22%	28.61%	30.21%	13.68%	16.59%	9.62%	9.62%	11/30/2007	
Gross Expense Ratio 43																
BM: Russell 1000 Growth Index																
Fund vs. Russell 1000 Growth Index																
PG: Large Growth M*star Category																
Fund vs. Large Growth M*star Category																
PG: Fund % Rank in Large Growth M*star Category																
PG: # of funds in Large Growth M*star Category																
Fund Star Rating																
TIAA-CREF ENHANCED LARGE-CAP VALUE INDEX FUND (TELCX)	\$2,530.40	43	14.67%	7.78%	12.34%	N/A	3.13%	7.61%	12.15%	14.68%	8.01%	13.47%	6.29%	6.29%	11/30/2007	
Gross Expense Ratio 43																
BM: Russell 1000 Value Index																
Fund vs. Russell 1000 Value Index																
PG: Large Value M*star Category																
Fund vs. Large Value M*star Category																
PG: Fund % Rank in Large Value M*star Category																
PG: # of funds in Large Value M*star Category																
Fund Star Rating																
TIAA-CREF EQUITY INDEX FUND (TEIHX)	\$16,203.10	14	18.62%	10.70%	14.18%	7.56%	3.01%	7.81%	19.83%	22.14%	10.71%	15.58%	8.40%	6.01%	7/1/1999	
Gross Expense Ratio 14																
BM: Russell 3000 Index																
Fund vs. Russell 3000 Index																
PG: Large Blend M*star Category																
Fund vs. Large Blend M*star Category																
PG: Fund % Rank in Large Blend M*star Category																
PG: # of funds in Large Blend M*star Category																
Fund Star Rating																
TIAA-CREF GROWTH & INCOME FUND (TGIHX)	\$6,849.70	50	19.02%	10.71%	14.09%	8.25%	2.58%	8.02%	22.57%	24.23%	10.87%	15.62%	8.77%	6.34%	7/1/1999	
Gross Expense Ratio 50																
BM: S&P 500 Index																
Fund vs. S&P 500 Index																
PG: Large Growth M*star Category																
Fund vs. Large Growth M*star Category																
PG: Fund % Rank in Large Growth M*star Category																
PG: # of funds in Large Growth M*star Category																
Fund Star Rating																
TIAA-CREF LARGE-CAP GROWTH FUND (TILHX)	\$4,902.60	52	22.28%	12.72%	16.28%	8.78%	2.74%	8.25%	33.83%	33.84%	12.84%	17.73%	9.30%	9.86%	3/31/2006	
Gross Expense Ratio 52																
BM: Russell 1000 Growth Index																
Fund vs. Russell 1000 Growth Index																
PG: Large Growth M*star Category																
Fund vs. Large Growth M*star Category																
PG: Fund % Rank in Large Growth M*star Category																
PG: # of funds in Large Growth M*star Category																
Fund Star Rating																
TIAA-CREF LARGE-CAP GROWTH INDEX FUND (TRIHx)	\$5,628.40	15	21.71%	12.59%	15.16%	9.00%	3.04%	8.37%	28.95%	30.55%	12.97%	17.02%	9.78%	10.63%	10/1/2002	
Gross Expense Ratio 15																
BM: Russell 1000 Growth Index																
Fund vs. Russell 1000 Growth Index																
PG: Large Growth M*star Category																
Fund vs. Large Growth M*star Category																
PG: Fund % Rank in Large Growth M*star Category																
PG: # of funds in Large Growth M*star Category																
Fund Star Rating																
TIAA-CREF LARGE-CAP VALUE FUND (TRLHX)	\$7,136.70	52	15.56%	8.30%	12.97%	5.90%	2.25%	5.99%	10.57%	12.73%	8.05%	13.41%	6.55%	9.91%	10/1/2002	
Gross Expense Ratio 52																
BM: Russell 1000 Value Index																
Fund vs. Russell 1000 Value Index																
PG: Large Value M*star Category																
Fund vs. Large Value M*star Category																
PG: Fund % Rank in Large Value M*star Category																
PG: # of funds in Large Value M*star Category																
Fund Star Rating																
TIAA-CREF LARGE-CAP VALUE INDEX FUND (THCVX)	\$6,721.40	15	14.93%	8.43%	13.08%	5.84%	3.02%	6.78%	11.82%	14.58%	8.23%	14.05%	6.76%	9.62%	10/1/2002	
Gross Expense Ratio 15																
BM: Russell 1000 Value Index																
Fund vs. Russell 1000 Value Index																
PG: Large Value M*star Category																
Fund vs. Large Value M*star Category																
PG: Fund % Rank in Large Value M*star Category																
PG: # of funds in Large Value M*star Category																
Fund Star Rating																
TIAA-CREF MID-CAP GROWTH FUND (TCMHX)	\$1,637.70	56	18.13%	8.44%	12.43%	7.35%	2.79%	7.78%	25.43%	25.16%	8.19%	13.53%	7.95%	11.78%	10/1/2002	
Gross Expense Ratio 56																
BM: Russell Mid Cap Growth Index																
Fund vs. Russell Mid Cap Growth Index																
PG: Mid-Cap Growth M*star Category																
Fund vs. Mid-Cap Growth M*star Category																
PG: Fund % Rank in Mid-Cap Growth M*star Category																
PG: # of funds in Mid-Cap Growth M*star Category																
Fund Star Rating																

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
ADVISOR SHARE CLASS

FOR PERIOD ENDING November 30, 2017
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.	
			10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17		Date	
TIAA-CREF MID-CAP VALUE FUND (TRVHX)	\$4,560.00	49	13.07%	7.95%	12.96%	6.75%	2.38%	6.38%	10.36%	12.21%	7.29%	13.47%	7.37%	12.08%	10/1/2002	
Gross Expense Ratio		49													12/4/2015	
BM: Russell Mid Cap Value Index			13.37%	9.19%	14.33%	7.85%	3.38%	7.06%	11.96%	13.95%	8.83%	14.99%	8.84%	12.00%		
Fund vs. Russell Mid Cap Value Index			-30	-124	-137	-110	-100	-68	-160	-174	-154	-152	-147	8		
PG: Mid-Cap Value M*star Category			14.83%	7.90%	12.71%	6.85%	N/A	N/A	N/A	13.86%	7.97%	13.48%	7.77%	N/A		
Fund vs. Mid-Cap Value M*star Category			-176	5	25	-10	N/A	N/A	N/A	-165	-68	-1	-40	N/A		
PG: Fund % Rank in Mid-Cap Value M*star Category			71%	60%	56%	54%	N/A	N/A	N/A	71%	69%	64%	62%	N/A		
PG: # of funds in Mid-Cap Value M*star Category			410	363	319	226	N/A	N/A	N/A	406	368	314	222	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A		
TIAA-CREF REAL ESTATE SECURITIES FUND (TRHX)	\$2,144.30	60	3.97%	10.43%	9.43%	5.67%	3.10%	2.67%	12.42%	16.71%	7.77%	10.58%	6.91%	10.79%	10/1/2002	
Gross Expense Ratio		60													12/4/2015	
BM: FTSE NAREIT All Equity REITs Index			2.57%	10.18%	9.97%	6.06%	2.65%	1.97%	8.99%	13.86%	7.22%	10.69%	7.24%	11.00%		
Fund vs. FTSE NAREIT All Equity REITs Index			140	25	-54	-39	45	70	343	285	55	-11	-33	-21		
PG: Real Estate M*star Category			1.78%	8.76%	8.73%	5.13%	N/A	N/A	N/A	10.43%	5.65%	9.39%	6.21%	N/A		
Fund vs. Real Estate M*star Category			219	167	70	54	N/A	N/A	N/A	628	212	119	70	N/A		
PG: Fund % Rank in Real Estate M*star Category			15%	10%	23%	33%	N/A	N/A	N/A	5%	7%	13%	32%	N/A		
PG: # of funds in Real Estate M*star Category			255	230	203	141	N/A	N/A	N/A	261	233	205	144	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF S&P 500 INDEX FUND (TISAX)	\$4,838.10	15	18.42%	10.72%	14.13%	7.37%	3.03%	7.60%	20.28%	22.66%	10.79%	15.63%	8.23%	9.93%	10/1/2002	
Gross Expense Ratio		15													12/4/2015	
BM: S&P 500 Index			18.61%	10.81%	14.22%	7.44%	3.07%	7.65%	20.49%	22.87%	10.91%	15.74%	8.30%	10.00%		
Fund vs. S&P 500 Index			-19	-9	-9	-7	-4	-5	-21	-21	-12	-11	-7	-7		
PG: Large Blend M*star Category			17.65%	9.03%	12.91%	6.58%	N/A	N/A	N/A	21.06%	9.18%	14.23%	7.42%	N/A		
Fund vs. Large Blend M*star Category			77	169	122	79	N/A	N/A	N/A	160	161	140	81	N/A		
PG: Fund % Rank in Large Blend M*star Category			43%	16%	22%	24%	N/A	N/A	N/A	30%	16%	17%	24%	N/A		
PG: # of funds in Large Blend M*star Category			1396	1218	1083	799	N/A	N/A	N/A	1392	1219	1083	797	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF SMALL-CAP BLEND INDEX FUND (TRHBX)	\$2,490.60	15	20.77%	12.40%	14.00%	7.96%	2.86%	10.23%	15.17%	18.37%	11.34%	15.21%	8.88%	11.44%	10/1/2002	
Gross Expense Ratio		15													12/4/2015	
BM: Russell 2000 Index			20.74%	12.18%	13.79%	7.85%	2.88%	10.23%	15.11%	18.34%	11.14%	15.02%	8.75%	11.00%		
Fund vs. Russell 2000 Index			3	22	21	13	-2	0	6	3	20	19	13	44		
PG: Small Blend M*star Category			18.91%	10.01%	12.83%	7.19%	N/A	N/A	N/A	16.03%	9.54%	13.75%	8.14%	N/A		
Fund vs. Small Blend M*star Category			186	239	117	79	N/A	N/A	N/A	234	180	146	74	N/A		
PG: Fund % Rank in Small Blend M*star Category			32%	22%	34%	35%	N/A	N/A	N/A	25%	25%	28%	36%	N/A		
PG: # of funds in Small Blend M*star Category			794	653	554	393	N/A	N/A	N/A	797	653	560	397	N/A		
Fund Star Rating			N/A	****	***	***	N/A	N/A	N/A	N/A	****	****	***	N/A		
TIAA-CREF SMALL-CAP EQUITY FUND (TSCHX)	\$3,938.40	51	21.85%	13.08%	14.98%	8.43%	2.76%	9.82%	15.06%	18.06%	12.14%	16.39%	9.48%	11.58%	10/1/2002	
Gross Expense Ratio		51													12/4/2015	
BM: Russell 2000 Index			20.74%	12.18%	13.79%	7.85%	2.88%	10.23%	15.11%	18.34%	11.14%	15.02%	8.75%	11.00%		
Fund vs. Russell 2000 Index			111	90	119	58	-12	-41	-5	-28	100	137	73	58		
PG: Small Growth M*star Category			20.40%	11.15%	13.02%	7.57%	N/A	N/A	N/A	22.34%	10.67%	14.45%	8.38%	N/A		
Fund vs. Small Growth M*star Category			145	193	196	86	N/A	N/A	N/A	-428	147	194	110	N/A		
PG: Fund % Rank in Small Growth M*star Category			31%	27%	20%	29%	N/A	N/A	N/A	78%	27%	20%	23%	N/A		
PG: # of funds in Small Growth M*star Category			674	597	532	399	N/A	N/A	N/A	682	604	539	404	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF SMALL/MID-CAP EQUITY (TSMNX) ^[4]	\$695.70	60	19.61%	N/A	N/A	N/A	3.40%	11.12%	19.09%	21.68%	N/A	N/A	N/A	20.65%	8/5/2016	
Gross Expense Ratio		60														
BM: Russell 2500 Index			17.79%				3.29%	9.64%	16.42%	18.68%				18.18%		
Fund vs. Russell 2500 Index			182				11	148	267	300				247		
PG: Small Blend M*star Category			18.91%				N/A	N/A	N/A	16.03%				N/A		
Fund vs. Small Blend M*star Category			70				N/A	N/A	N/A	565				N/A		
PG: Fund % Rank in Small Blend M*star Category			47%				N/A	N/A	N/A	7%				N/A		
PG: # of funds in Small Blend M*star Category			794				N/A	N/A	N/A	797				N/A		
Fund Star Rating			N/A				N/A	N/A	N/A	N/A				N/A		
TIAA-CREF SOCIAL CHOICE EQUITY FUND (TICHX)	\$2,978.70	28	18.49%	9.47%	13.87%	7.38%	2.82%	7.82%	19.52%	21.76%	9.76%	15.03%	8.13%	5.80%	7/1/1999	
Gross Expense Ratio		28													12/4/2015	
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	6.00%		
Fund vs. Russell 3000 Index			-22	-127	-36	-19	-22	-3	-41	-51	-99	-60	-30	-20		
PG: Large Blend M*star Category			17.65%	9.03%	12.91%	6.58%	N/A	N/A	N/A	21.06%	9.18%	14.23%	7.42%	N/A		
Fund vs. Large Blend M*star Category			84	44	96	80	N/A	N/A	N/A	70	58	80	71	N/A		
PG: Fund % Rank in Large Blend M*star Category			39%	51%	33%	23%	N/A	N/A	N/A	50%	48%	41%	29%	N/A		
PG: # of funds in Large Blend M*star Category			1396	1218	1083	799	N/A	N/A	N/A	1392	1219	1083	797	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 (TCCHX)	\$95.00	41	18.95%	N/A	N/A	N/A	2.64%	7.46%	19.59%	21.95%	N/A	N/A	N/A	12.99%	8/7/2015	
Gross Expense Ratio		41													12/4/2015	
BM: Russell 3000 Index			18.71%				3.04%	7.85%	19.93%	22.27%				13.00%		
Fund vs. Russell 3000 Index			24				-40	-39	-34	-32				-1		
PG: Large Blend M*star Category			17.65%				N/A	N/A	N/A	21.06%				N/A		
Fund vs. Large Blend M*star Category			130				N/A	N/A	N/A	89				N/A		
PG: Fund % Rank in Large Blend M*star Category			29%				N/A	N/A	N/A	47%				N/A		
PG: # of funds in Large Blend M*star Category			1396				N/A	N/A	N/A	1392				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 November 30, 2017
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		
			10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17	11/30/17 to 11/30/17	Inc. Date	
Global Equities																
TIAA-CREF GLOBAL NATURAL RESOURCES FUND (TNRHX)	\$42.60	85	4.44%	-3.18%	-2.65%	N/A	0.37%	5.28%	-3.77%	-4.70%	-0.50%	-2.00%	N/A	-1.43%	11/1/2011	
Gross Expense Ratio 88																
BM: MSCI AC World Index Commodity Producers Sec. Cap. Index																
Fund vs. MSCI AC World Index Commodity Producers Sec. Cap. Index																
PG: Natural Resources M*star Category																
Fund vs. Natural Resources M*star Category																
PG: Fund % Rank in Natural Resources M*star Category																
PG: # of funds in Natural Resources M*star Category																
Fund Star Rating																
International Equities																
TIAA-CREF EMERGING MARKETS EQUITY FUND (TEMHX)	\$1,441.00	102	29.95%	5.89%	4.68%	N/A	-0.16%	5.33%	42.35%	40.50%	7.34%	4.94%	N/A	4.36%	8/31/2010	
Gross Expense Ratio 102																
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 (TEQHX)	\$2,413.90	32	22.04%	5.05%	3.93%	N/A	0.17%	3.22%	33.22%	32.80%	6.22%	4.56%	N/A	4.11%	8/31/2010	
Gross Expense Ratio 32																
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 (TEIEIX)	\$1,906.90	51	19.51%	5.51%	9.15%	N/A	0.84%	4.99%	24.74%	28.17%	6.23%	8.93%	1.75%	1.75%	11/30/2007	
Gross Expense Ratio 51																
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 (TIEHX)	\$5,124.50	56	22.08%	7.46%	9.74%	1.59%	1.06%	5.77%	30.54%	33.63%	7.28%	8.84%	1.78%	5.51%	7/1/1999	
Gross Expense Ratio 56																
BM: Morgan Stanley EAFE Index																
Fund vs. Morgan Stanley EAFE Index																
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 EQUITY INDEX FUND (TCHIX)	\$11,765.60	15	18.85%	5.24%	8.54%	1.48%	0.84%	4.82%	23.63%	26.98%	6.15%	8.33%	1.72%	8.37%	10/1/2002	
Gross Expense Ratio 15																
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 (TIOHX)	\$1,462.80	72	24.71%	8.32%	N/A	N/A	1.00%	4.94%	31.80%	32.82%	8.99%	N/A	N/A	7.04%	4/12/2013	
Gross Expense Ratio 72																
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 (TAISX) ^[4]	\$960.20	81	N/A	N/A	N/A	N/A	0.39%	3.94%	30.74%	N/A	N/A	N/A	N/A	29.42%	12/9/2016	
Gross Expense Ratio 81																
BM: MSCI ACWI ex-US Small Cap Index																
Fund vs. MSCI ACWI ex-US Small Cap Index																
PG: Foreign Small/Mid Blend M*star Category																
Fund vs. Foreign Small/Mid Blend M*star Category																
PG: Fund % Rank in Foreign Small/Mid Blend M*star Category																
PG: # of funds in Foreign Small/Mid Blend M*star Category																
Fund Star Rating																

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
ADVISOR SHARE CLASS

FOR PERIOD ENDING November 30, 2017
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					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	Inc. Date				
			10/01/16	10/01/14	10/01/12	10/01/07	11/01/17	09/01/17	01/01/17	12/01/16	12/01/14	12/01/12	12/01/07	11/30/17	11/30/17	11/30/17	11/30/17	8/7/2015	
			to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	Date	
	11/30/17		09/30/17	09/30/17	09/30/17	09/30/17	11/30/17	11/30/17	11/30/17	11/30/17	11/30/17	11/30/17	11/30/17	11/30/17	11/30/17	11/30/17	11/30/17	Date	
TIAA-CREF SOCIAL CHOICE INTERNATIONAL EQUITY FUND (TSOIX)	\$53.30	48	18.41%	N/A	N/A	N/A	0.80%	4.44%	23.12%	26.25%	N/A	N/A	N/A	6.83%				8/7/2015	
Gross Expense Ratio			143																12/4/2015
BM: Morgan Stanley EAFE Index			19.10%																6.00%
Fund vs. Morgan Stanley EAFE Index			-69																83
PG: Foreign Large Blend M*star Category			18.01%																N/A
Fund vs. Foreign Large Blend M*star Category			40																N/A
PG: Fund % Rank in Foreign Large Blend M*star Category			53%																N/A
PG: # of funds in Foreign Large Blend M*star Category			736																N/A
Fund Star Rating			N/A																N/A
Fixed Income																			
TIAA-CREF BOND FUND (TIBHX)	\$4,482.10	41	1.26%	3.48%	2.88%	4.65%	-0.05%	-0.27%	3.99%	4.30%	2.98%	2.75%	4.39%	5.20%				7/1/1999	
Gross Expense Ratio			41																12/4/2015
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%																5.00%
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			119																20
PG: Intermediate-Term Bond M*star Category			0.83%																N/A
Fund vs. Intermediate-Term Bond M*star Category			43																N/A
PG: Fund % Rank in Intermediate-Term Bond M*star Category			31%																N/A
PG: # of funds in Intermediate-Term Bond M*star Category			985																N/A
Fund Star Rating			N/A																N/A
TIAA-CREF BOND INDEX FUND (TBIAX)	\$8,831.30	21	-0.26%	2.56%	1.89%	N/A	-0.17%	-0.70%	2.81%	3.00%	1.94%	1.78%	N/A	3.35%				9/14/2009	
Gross Expense Ratio			21																12/4/2015
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%																4.00%
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			-33																-65
PG: Intermediate-Term Bond M*star Category			0.83%																N/A
Fund vs. Intermediate-Term Bond M*star Category			-109																N/A
PG: Fund % Rank in Intermediate-Term Bond M*star Category			86%																N/A
PG: # of funds in Intermediate-Term Bond M*star Category			985																N/A
Fund Star Rating			N/A																N/A
TIAA-CREF BOND PLUS FUND (TCBHX)	\$4,068.00	41	1.79%	3.60%	3.14%	4.76%	-0.03%	-0.19%	4.37%	4.74%	3.10%	3.00%	4.57%	4.76%				3/31/2006	
Gross Expense Ratio			41																12/4/2015
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%																4.00%
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			172																76
PG: Intermediate-Term Bond M*star Category			0.83%																N/A
Fund vs. Intermediate-Term Bond M*star Category			96																N/A
PG: Fund % Rank in Intermediate-Term Bond M*star Category			21%																N/A
PG: # of funds in Intermediate-Term Bond M*star Category			985																N/A
Fund Star Rating			N/A																N/A
TIAA-CREF EMERGING MARKETS DEBT FUND (TEDHX)	\$361.00	75	8.90%	6.81%	N/A	N/A	0.10%	0.89%	12.84%	14.74%	6.77%	N/A	N/A	6.35%				9/26/2014	
Gross Expense Ratio			78																12/4/2015
BM: JPMorgan EMBI Global Diversified Index			4.61%																6.00%
Fund vs. JPMorgan EMBI Global Diversified Index			429																35
PG: Emerging Markets Bond M*star Category			6.49%																N/A
Fund vs. Emerging Markets Bond M*star Category			241																N/A
PG: Fund % Rank in Emerging Markets Bond M*star Category			12%																N/A
PG: # of funds in Emerging Markets Bond M*star Category			289																N/A
Fund Star Rating			N/A																N/A
TIAA-CREF HIGH YIELD FUND (TIHXX)	\$4,020.80	46	7.43%	5.23%	5.66%	7.28%	0.02%	0.93%	5.28%	7.18%	5.09%	5.41%	7.41%	7.17%				3/31/2006	
Gross Expense Ratio			46																12/4/2015
BM: ICE BofA ML BB-B Cash Pay Issuer Constrained Index (New)			7.91%																7.00%
Fund vs. ICE BofA ML BB-B Cash Pay Issuer Constrained Index (New)			-48																17
PG: High Yield Bond M*star Category			7.77%																N/A
Fund vs. High Yield Bond M*star Category			-34																N/A
PG: Fund % Rank in High Yield Bond M*star Category			59%																N/A
PG: # of funds in High Yield Bond M*star Category			697																N/A
Fund Star Rating			N/A																N/A
TIAA-CREF INFLATION-LINKED BOND FUND (TIHFX) ^[5]	\$2,708.40	37	-0.65%	0.96%	-0.45%	3.48%	-0.09%	-0.52%	1.14%	1.34%	0.64%	-0.67%	2.98%	4.02%				10/1/2002	
Gross Expense Ratio			37																12/4/2015
BM: Bloomberg Barclays US TIPS 1-10 Year Index			-0.14%																4.00%
Fund vs. Bloomberg Barclays US TIPS 1-10 Year Index			-51																2
PG: Inflation-Protected Bond M*star Category			-0.42%																N/A
Fund vs. Inflation-Protected Bond M*star Category			-23																N/A
PG: Fund % Rank in Inflation-Protected Bond M*star Category			57%																N/A
PG: # of funds in Inflation-Protected Bond M*star Category			232																N/A
Fund Star Rating			N/A																N/A
TIAA-CREF INTERNATIONAL BOND FUND (TIBNX) ^[4]	\$248.80	75	1.03%	N/A	N/A	N/A	0.51%	0.71%	5.13%	6.08%	N/A	N/A	N/A	1.63%				8/5/2016	
Gross Expense Ratio			79																12/4/2015
BM: Bloomberg Barclays Global Aggregate ex-USD Index (Hedged)			-0.55%																0.55%
Fund vs. Bloomberg Barclays Global Aggregate ex-USD Index (Hedged)			158																N/A
PG: World Bond M*star Category			1.96%																N/A
Fund vs. World Bond M*star Category			-93																N/A
PG: Fund % Rank in World Bond M*star Category			54%																N/A
PG: # of funds in World Bond M*star Category			315																N/A
Fund Star Rating			N/A																N/A
TIAA-CREF SHORT-TERM BOND FUND (TCTHX)	\$1,624.50	38	1.48%	1.56%	1.30%	2.68%	-0.22%	0.00%	1.73%	1.89%	1.44%	1.21%	2.53%	2.96%				3/31/2006	
Gross Expense Ratio			38																12/4/2015
BM: Bloomberg Barclays US 1-3 Yr Govt. Credit Index			0.66%																2.00%
Fund vs. Bloomberg Barclays US 1-3 Yr Govt. Credit Index			82																96
PG: Short-Term Bond M*star Category			1.26%																N/A
Fund vs. Short-Term Bond M*star Category			22																N/A
PG: Fund % Rank in Short-Term Bond M*star Category			29%																N/A
PG: # of funds in Short-Term Bond M*star Category			512																N/A
Fund Star Rating			N/A																N/A

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
ADVISOR SHARE CLASS

FOR PERIOD ENDING November 30, 2017
 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 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		
10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17	11/30/17					
TIAA-CREF SHORT-TERM BOND INDEX FUND (TTBHX)	\$293.60	21	0.40%	N/A	N/A	N/A	-0.29%	-0.49%	0.56%	0.65%	N/A	N/A	N/A	0.62%	8/7/2015	
Gross Expense Ratio		34													12/4/2015	
BM: Bloomberg Barclays US 1-3 Yr Govt Credit Index			0.66%				-0.22%	-0.36%	0.81%	0.88%				1.00%		
Fund vs. Bloomberg Barclays US 1-3 Yr Govt Credit Index			-26				-7	-13	-25	-23				-38		
PG: Short-Term Bond M*star Category			1.26%				N/A	N/A	N/A	1.80%				N/A		
Fund vs. Short-Term Bond M*star Category			-86				N/A	N/A	N/A	-115				N/A		
PG: Fund % Rank in Short-Term Bond M*star Category			87%				N/A	N/A	N/A	92%				N/A		
PG: # of funds in Short-Term Bond M*star Category			512				N/A	N/A	N/A	514				N/A		
Fund Star Rating			N/A				N/A	N/A	N/A	N/A				N/A		
TIAA-CREF SOCIAL CHOICE BOND FUND (TSBHX)	\$1,628.50	52	1.16%	3.39%	3.14%	N/A	0.02%	-0.15%	4.11%	4.17%	2.81%	3.11%	N/A	3.25%	9/21/2012	
Gross Expense Ratio		53													12/4/2015	
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%		2.00%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			109	68	108		15	40	104	96	70	113		125		
PG: Intermediate-Term Bond M*star Category			0.83%	2.51%	2.12%		N/A	N/A	N/A	3.57%	2.05%	1.98%		N/A		
Fund vs. Intermediate-Term Bond M*star Category			33	88	102		N/A	N/A	N/A	60	76	113		N/A		
PG: Fund % Rank in Intermediate-Term Bond M*star Category			34%	8%	9%		N/A	N/A	N/A	29%	11%	5%		N/A		
PG: # of funds in Intermediate-Term Bond M*star Category			985	852	773		N/A	N/A	N/A	981	845	779		N/A		
Fund Star Rating			N/A	*****	*****		N/A	N/A	N/A	N/A	****	*****		N/A		
TIAA-CREF TAX-EXEMPT BOND FUND (TDXHX)	\$274.10	44	0.21%	2.60%	2.02%	3.95%	-0.77%	-0.95%	4.01%	4.85%	2.05%	1.43%	3.75%	3.93%	3/31/2006	
Gross Expense Ratio		46													12/4/2015	
BM: Bloomberg Barclays 10-Year Municipal Bond Index			0.77%	3.42%	3.18%	4.98%	-0.89%	-1.24%	4.58%	6.08%	2.88%	2.60%	4.76%	5.00%		
Fund vs. Bloomberg Barclays 10-Year Municipal Bond Index			-56	-82	-116	-103	12	29	-57	-123	-83	-117	-101	-107		
PG: Muni National Interim M*star Category			0.45%	2.53%	2.36%	3.72%	N/A	N/A	N/A	4.65%	2.18%	1.91%	3.59%	N/A		
Fund vs. Muni National Interim M*star Category			-24	7	-34	23	N/A	N/A	N/A	20	-13	-48	16	N/A		
PG: Fund % Rank in Muni National Interim M*star Category			70%	40%	72%	37%	N/A	N/A	N/A	36%	57%	79%	43%	N/A		
PG: # of funds in Muni National Interim M*star Category			289	257	221	156	N/A	N/A	N/A	290	260	225	156	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]	\$1,260.40	46	9.39%	5.78%	6.72%	4.73%	0.83%	2.89%	11.93%	12.81%	5.67%	6.97%	4.86%	5.87%	10/15/2004	
Gross Expense Ratio		58													12/4/2015	
BM: Lifecycle 2010 Fund Composite Index			8.03%	5.27%	6.44%	4.79%	0.94%	2.63%	10.28%	11.38%	5.09%	6.80%	4.96%	6.00%		
Fund vs. Lifecycle 2010 Fund Composite Index			136	51	28	-6	-11	26	165	143	58	17	-10	-13		
BM: S&P Target Date 2010 Index			N/A	N/A	N/A	N/A	0.94%	2.58%	9.14%	10.23%	4.68%	5.97%	4.41%	5.00%		
Fund vs. S&P Target Date 2010 Index			N/A	N/A	N/A	N/A	-11	31	279	258	99	100	45	87		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%	4.27%	-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%	3.99%	4.00%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			932	307	466	46	96	344	886	960	356	499	87	187		
PG: Target-Date 2000-2010 M*star Category			7.10%	4.66%	5.51%	3.89%	N/A	N/A	N/A	10.44%	4.50%	5.79%	4.07%	N/A		
Fund vs. Target-Date 2000-2010 M*star Category			229	112	121	84	N/A	N/A	N/A	237	117	118	79	N/A		
PG: Fund % Rank in Target-Date 2000-2010 M*star Category			3%	2%	7%	12%	N/A	N/A	N/A	4%	2%	6%	12%	N/A		
PG: # of funds in Target-Date 2000-2010 M*star Category			108	88	66	54	N/A	N/A	N/A	110	90	69	54	N/A		
Fund Star Rating			N/A	*****	*****	*****	N/A	N/A	N/A	N/A	*****	*****	*****	N/A		
TIAA-CREF LIFECYCLE 2015 FUND (TCNHX)^[7]	\$1,970.20	47	10.34%	6.18%	7.35%	4.75%	0.96%	3.23%	12.96%	13.95%	6.07%	7.66%	4.93%	6.10%	10/15/2004	
Gross Expense Ratio		59													12/4/2015	
BM: Lifecycle 2015 Fund Composite Index			8.97%	5.65%	7.10%	4.82%	1.07%	3.00%	11.27%	12.50%	5.50%	7.52%	5.06%	6.00%		
Fund vs. Lifecycle 2015 Fund Composite Index			137	53	25	-7	-11	23	169	145	57	14	-13	10		
BM: S&P Target Date 2015 Index			N/A	N/A	N/A	N/A	1.10%	3.05%	10.52%	11.87%	5.35%	7.07%	4.80%	6.00%		
Fund vs. S&P Target Date 2015 Index			N/A	N/A	N/A	N/A	-14	18	244	208	72	59	13	10		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%	4.27%	-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%	3.99%	4.00%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			1027	347	529	48	109	378	989	1074	396	568	94	210		
PG: Target-Date 2015 M*star Category			8.05%	5.01%	6.23%	4.08%	N/A	N/A	N/A	11.63%	4.84%	6.53%	4.31%	N/A		
Fund vs. Target-Date 2015 M*star Category			229	117	112	67	N/A	N/A	N/A	232	123	113	62	N/A		
PG: Fund % Rank in Target-Date 2015 M*star Category			7%	3%	14%	22%	N/A	N/A	N/A	11%	5%	13%	22%	N/A		
PG: # of funds in Target-Date 2015 M*star Category			121	90	64	32	N/A	N/A	N/A	119	89	65	32	N/A		
Fund Star Rating			N/A	*****	****	****	N/A	N/A	N/A	N/A	*****	****	****	N/A		
TIAA-CREF LIFECYCLE 2020 FUND (TCWHX)^[8]	\$3,797.90	48	11.79%	6.70%	8.19%	4.81%	1.11%	3.71%	14.51%	15.55%	6.64%	8.56%	5.08%	6.32%	10/15/2004	
Gross Expense Ratio		59													12/4/2015	
BM: Lifecycle 2020 Fund Composite Index			10.29%	6.15%	7.95%	4.92%	1.24%	3.49%	12.61%	14.01%	6.04%	8.44%	5.24%	6.00%		
Fund vs. Lifecycle 2020 Fund Composite Index			150	55	24	-11	-13	22	190	154	60	12	-16	32		
BM: S&P Target Date 2020 Index			N/A	N/A	N/A	N/A	1.27%	3.55%	11.87%	13.43%	5.95%	8.04%	5.09%	6.00%		
Fund vs. S&P Target Date 2020 Index			N/A	N/A	N/A	N/A	-16	16	264	212	69	52	-1	32		
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	9.00%		
Fund vs. Russell 3000 Index			-692	-404	-604	-276	-193	-414	-542	-672	-411	-707	-335	-268		
PG: Target-Date 2020 M*star Category			8.92%	5.22%	6.40%	4.12%	N/A	N/A	N/A	12.80%	5.10%	6.80%	4.39%	N/A		
Fund vs. Target-Date 2020 M*star Category			287	148	179	69	N/A	N/A	N/A	275	154	176	69	N/A		
PG: Fund % Rank in Target-Date 2020 M*star Category			7%	4%	6%	24%	N/A	N/A	N/A	8%	4%	9%	24%	N/A		
PG: # of funds in Target-Date 2020 M*star Category			239	188	155	89	N/A	N/A	N/A	231	182	150	84	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF LIFECYCLE 2025 FUND (TCQHX)^[8]	\$4,253.80	49	13.35%	7.24%	9.03%	4.89%	1.28%	4.32%	16.23%	17.42%	7.22%	9.48%	5.21%	6.55%	10/15/2004	
Gross Expense Ratio		60													12/4/2015	
BM: Lifecycle 2025 Fund Composite Index			11.83%	6.71%	8.83%	5.03%	1.44%	4.08%	14.18%	15.79%	6.66%	9.42%	5.43%	7.00%		
Fund vs. Lifecycle 2025 Fund Composite Index			152	53	20	-14	-16	24	205	163	56	6	-22	-45		
BM: S&P Target Date 2025 Index			N/A	N/A	N/A	N/A	1.50%	4.25%	13.50%	15.26%	6.59%	8.91%	5.32%	7.00%		
Fund vs. S&P Target Date 2025 Index			N/A	N/A	N/A	N/A	-22	7	273	216	63	57	-11	-45		
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	9.00%		
Fund vs. Russell 3000 Index			-536	-350	-520	-268	-176	-353	-370	-485	-353	-615	-322	-245		
PG: Target-Date 2025 M*star Category			10.85%	5.92%	7.54%	4.42%	N/A	N/A	N/A	15.08%	5.86%	8.03%	4.79%	N/A		
Fund vs. Target-Date 2025 M*star Category			250	132	149	47	N/A	N/A	N/A	234	136	145	42	N/A		
PG: Fund % Rank in Target-Date 2025 M*star Category			5%	2%	9%	29%	N/A	N/A	N/A	6%	2%	8%	24%	N/A		
PG: # of funds in Target-Date 2025 M*star Category			210	162	124	57	N/A	N/A	N/A	205	159	131	57	N/A		
Fund Star Rating			N/A	*****	*****											

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
ADVISOR SHARE CLASS

FOR PERIOD ENDING November 30, 2017
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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.	
10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17	11/30/17 to 11/30/17	11/30/17 to 11/30/17	Date			
TIAA-CREF LIFECYCLE 2030 FUND (TCHHX) [R]	\$4,180.40	50	15.02%	7.75%	9.84%	4.91%	1.45%	4.96%	18.00%	19.44%	7.82%	10.40%	5.31%	6.72%	10/15/2004	
Gross Expense Ratio 61 12/4/2015																
BM: Lifecycle 2030 Fund Composite Index			13.39%	7.26%	9.71%	5.11%	1.65%	4.68%	15.77%	17.59%	7.28%	10.39%	5.60%	7.00%		
Fund vs. Lifecycle 2030 Fund Composite Index			163	49	13	-20	-20	28	223	185	54	1	-29	-28		
BM: S&P Target Date 2030 Index			N/A	N/A	N/A	N/A	1.73%	4.95%	15.03%	16.98%	7.19%	9.75%	5.49%	7.00%		
Fund vs. S&P Target Date 2030 Index			N/A	N/A	N/A	N/A	-28	1	297	246	63	65	-18	-28		
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	9.00%		
Fund vs. Russell 3000 Index			-369	-299	-439	-266	-159	-289	-193	-283	-293	-523	-312	-228		
PG: Target-Date 2030 M*star Category			12.52%	6.49%	8.23%	4.45%	N/A	N/A	N/A	17.05%	6.52%	8.83%	4.94%	N/A		
Fund vs. Target-Date 2030 M*star Category			250	126	161	46	N/A	N/A	N/A	239	130	157	37	N/A		
PG: Fund % Rank in Target-Date 2030 M*star Category			10%	4%	10%	33%	N/A	N/A	N/A	9%	5%	9%	37%	N/A		
PG: # of funds in Target-Date 2030 M*star Category			239	188	155	89	N/A	N/A	N/A	231	182	150	84	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF LIFECYCLE 2035 FUND (TCYHX) [R]	\$4,246.10	51	16.59%	8.23%	10.59%	5.12%	1.69%	5.65%	19.73%	21.30%	8.36%	11.23%	5.57%	7.06%	10/15/2004	
Gross Expense Ratio 62 12/4/2015																
BM: Lifecycle 2035 Fund Composite Index			14.98%	7.75%	10.52%	5.38%	1.85%	5.28%	17.32%	19.35%	7.84%	11.29%	5.93%	7.00%		
Fund vs. Lifecycle 2035 Fund Composite Index			161	48	7	-26	-16	37	241	195	52	-6	-36	6		
BM: S&P Target Date 2035 Index			N/A	N/A	N/A	N/A	1.92%	5.58%	16.51%	18.64%	7.77%	10.48%	5.65%	7.00%		
Fund vs. S&P Target Date 2035 Index			N/A	N/A	N/A	N/A	-23	7	322	266	59	75	-8	6		
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	9.00%		
Fund vs. Russell 3000 Index			-212	-251	-364	-245	-135	-220	-20	-97	-239	-440	-286	-194		
PG: Target-Date 2035 M*star Category			14.35%	7.03%	9.12%	4.73%	N/A	N/A	N/A	19.04%	7.12%	9.81%	5.22%	N/A		
Fund vs. Target-Date 2035 M*star Category			224	120	147	39	N/A	N/A	N/A	226	124	142	35	N/A		
PG: Fund % Rank in Target-Date 2035 M*star Category			10%	4%	7%	28%	N/A	N/A	N/A	9%	7%	8%	31%	N/A		
PG: # of funds in Target-Date 2035 M*star Category			210	162	124	57	N/A	N/A	N/A	205	159	131	57	N/A		
Fund Star Rating			N/A	****	****	***	N/A	N/A	N/A	N/A	****	****	***	N/A		
TIAA-CREF LIFECYCLE 2040 FUND (TCZHX) [R]	\$5,272.20	52	18.24%	8.69%	11.14%	5.40%	1.85%	6.24%	21.41%	23.05%	8.86%	11.85%	5.87%	7.44%	10/15/2004	
Gross Expense Ratio 63 12/4/2015																
BM: Lifecycle 2040 Fund Composite Index			16.58%	8.21%	11.11%	5.68%	2.05%	5.88%	18.86%	21.10%	8.39%	11.97%	6.26%	8.00%		
Fund vs. Lifecycle 2040 Fund Composite Index			166	48	3	-28	-20	36	255	195	47	-12	-39	-56		
BM: S&P Target Date 2040 Index			N/A	N/A	N/A	N/A	2.08%	6.04%	17.53%	19.79%	8.17%	10.99%	5.78%	7.00%		
Fund vs. S&P Target Date 2040 Index			N/A	N/A	N/A	N/A	-23	20	388	326	69	86	9	44		
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	9.00%		
Fund vs. Russell 3000 Index			-47	-205	-309	-217	-119	-161	148	78	-189	-378	-256	-156		
PG: Target-Date 2040 M*star Category			15.27%	7.31%	9.41%	4.73%	N/A	N/A	N/A	20.15%	7.44%	10.16%	5.29%	N/A		
Fund vs. Target-Date 2040 M*star Category			297	138	173	67	N/A	N/A	N/A	290	142	169	58	N/A		
PG: Fund % Rank in Target-Date 2040 M*star Category			2%	5%	7%	26%	N/A	N/A	N/A	4%	5%	7%	24%	N/A		
PG: # of funds in Target-Date 2040 M*star Category			239	188	155	89	N/A	N/A	N/A	231	182	150	84	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF LIFECYCLE 2045 FUND (TFHX) [R]	\$2,658.90	53	18.96%	8.92%	11.28%	N/A	1.96%	6.57%	22.22%	23.93%	9.18%	12.03%	5.80%	5.80%	11/30/2007	
Gross Expense Ratio 65 12/4/2015																
BM: Lifecycle 2045 Fund Composite Index			17.28%	8.48%	11.28%		2.16%	6.21%	19.61%	21.94%	8.74%	12.19%	6.36%	6.00%		
Fund vs. Lifecycle 2045 Fund Composite Index			168	44	0		-20	36	261	199	44	-16	-56	-20		
BM: S&P Target Date 2045 Index			N/A	N/A	N/A		2.14%	6.25%	18.18%	20.53%	8.43%	11.37%	5.81%	6.00%		
Fund vs. S&P Target Date 2045 Index			N/A	N/A	N/A		-18	32	404	340	75	66	-1	-20		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	8.00%		
Fund vs. Russell 3000 Index			25	-182	-295		-108	-128	229	166	-157	-360	-263	-220		
PG: Target-Date 2045 M*star Category			16.14%	7.57%	9.82%		N/A	N/A	N/A	21.14%	7.73%	10.61%	5.46%	N/A		
Fund vs. Target-Date 2045 M*star Category			282	135	146		N/A	N/A	N/A	279	145	142	34	N/A		
PG: Fund % Rank in Target-Date 2045 M*star Category			1%	1%	4%		N/A	N/A	N/A	1%	1%	5%	28%	N/A		
PG: # of funds in Target-Date 2045 M*star Category			210	162	123		N/A	N/A	N/A	205	159	130	57	N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****	***	N/A		
TIAA-CREF LIFECYCLE 2050 FUND (FTFHX) [R]	\$1,706.60	53	19.25%	9.03%	11.33%	N/A	2.03%	6.71%	22.56%	24.20%	9.30%	12.12%	5.82%	5.82%	11/30/2007	
Gross Expense Ratio 65 12/4/2015																
BM: Lifecycle 2050 Fund Composite Index			17.53%	8.60%	11.35%		2.19%	6.30%	19.85%	22.22%	8.87%	12.27%	6.41%	6.00%		
Fund vs. Lifecycle 2050 Fund Composite Index			172	43	-2		-16	41	271	198	43	-15	-59	-18		
BM: S&P Target Date 2050 Index			N/A	N/A	N/A		2.21%	6.44%	18.77%	21.21%	8.66%	11.72%	5.96%	6.00%		
Fund vs. S&P Target Date 2050 Index			N/A	N/A	N/A		-18	27	379	299	64	40	-14	-18		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	8.00%		
Fund vs. Russell 3000 Index			54	-171	-290		-101	-114	263	193	-145	-351	-261	-218		
PG: Target-Date 2050 M*star Category			16.18%	7.63%	9.81%		N/A	N/A	N/A	21.29%	7.80%	10.62%	5.51%	N/A		
Fund vs. Target-Date 2050 M*star Category			307	140	152		N/A	N/A	N/A	291	150	150	31	N/A		
PG: Fund % Rank in Target-Date 2050 M*star Category			1%	3%	4%		N/A	N/A	N/A	1%	1%	4%	34%	N/A		
PG: # of funds in Target-Date 2050 M*star Category			232	180	144		N/A	N/A	N/A	227	177	144	52	N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****	***	N/A		
TIAA-CREF LIFECYCLE 2055 FUND (TTRHX) [R]	\$477.90	53	19.41%	9.14%	11.40%	N/A	2.07%	6.80%	22.69%	24.47%	9.46%	12.19%	N/A	9.42%	4/29/2011	
Gross Expense Ratio 69 12/4/2015																
BM: Lifecycle 2055 Fund Composite Index			17.79%	8.72%	11.42%		2.23%	6.40%	20.09%	22.50%	9.01%	12.36%		10.00%		
Fund vs. Lifecycle 2055 Fund Composite Index			162	42	-2		-16	40	260	197	45	-17	-58	-58		
BM: S&P Target Date 2055 Index			N/A	N/A	N/A		2.21%	6.50%	19.05%	21.54%	8.77%	11.95%		9.00%		
Fund vs. S&P Target Date 2055 Index			N/A	N/A	N/A		-14	30	364	293	69	24	42	42		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		13.00%		
Fund vs. Russell 3000 Index			70	-160	-283		-97	-105	276	220	-129	-344		-358		
PG: Target-Date 2055 M*star Category			16.60%	7.82%	10.21%		N/A	N/A	N/A	21.66%	8.02%	11.03%		N/A		
Fund vs. Target-Date 2055 M*star Category			281	132	119		N/A	N/A	N/A	281	144	116		N/A		
PG: Fund % Rank in Target-Date 2055 M*star Category			1%	2%	5%		N/A	N/A	N/A	1%	1%	5%		N/A		
PG: # of funds in Target-Date 2055 M*star Category			208	149	92		N/A	N/A	N/A	203	149	100		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 November 30, 2017
 PLEASE REFER TO RISK DISCLOSURES ON PAGE ONE

	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	
FUND	11/30/17		10/01/16	10/01/14	10/01/12	10/01/07	11/01/17	09/01/17	01/01/17	12/01/16	12/01/14	12/01/12	12/01/07	to	Inc. Date
TIAA-CREF LIFECYCLE 2060 FUND (TLHXH) [8]	\$62.10	53	19.58%	9.25%	N/A	N/A	2.04%	6.86%	22.82%	24.55%	9.57%	N/A	N/A	9.90%	9/26/2014
Gross Expense Ratio		128													12/4/2015
BM: Lifecycle 2060 Fund Composite Index			18.04%	8.84%			2.26%	6.50%	20.34%	22.78%	9.15%			10.00%	
Fund vs. Lifecycle 2060 Fund Composite Index			154	41			-22	36	248	177	42			-10	
BM: S&P Target Date 2060+ Index			N/A	N/A			2.26%	6.61%	19.31%	21.84%	8.85%			9.00%	
Fund vs. S&P Target Date 2060+ Index			N/A	N/A			-22	25	351	271	72			90	
BM: Russell 3000 Index			18.71%	10.74%			3.04%	7.85%	19.93%	22.27%	10.75%			12.00%	
Fund vs. Russell 3000 Index			87	-149			-100	-99	289	228	-118			-210	
PG: Target-Date 2060+ M*star Category			16.85%	8.27%			N/A	N/A	N/A	21.86%	8.41%			N/A	
Fund vs. Target-Date 2060+ M*star Category			273	98			N/A	N/A	N/A	269	116			N/A	
PG: Fund % Rank in Target-Date 2060+ M*star Category			1%	6%			N/A	N/A	N/A	1%	3%			N/A	
PG: # of funds in Target-Date 2060+ M*star Category			148	34			N/A	N/A	N/A	148	40			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]	\$346.90	18	7.82%	5.16%	6.21%	N/A	0.93%	2.55%	10.33%	11.33%	4.97%	6.57%	N/A	7.13%	9/30/2009
Gross Expense Ratio		34													12/4/2015
BM: Lifecycle Index 2010 Composite Benchmark			8.04%	5.36%	6.51%		0.93%	2.62%	10.35%	11.46%	5.14%	6.86%		7.00%	
Fund vs. Lifecycle Index 2010 Composite Benchmark			-22	-20	-30		0	-7	-2	-13	-17	-29		13	
BM: S&P Target Date 2010 Index			N/A	N/A	N/A		0.94%	2.58%	9.14%	10.23%	4.68%	5.97%		7.00%	
Fund vs. S&P Target Date 2010 Index			N/A	N/A	N/A		-1	-3	119	110	29	60		13	
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%		4.00%	
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			775	245	415		106	310	726	812	286	459		313	
PG: Target-Date 2000-2010 M*star Category			7.10%	4.66%	5.51%		N/A	N/A	N/A	10.44%	4.50%	5.79%		N/A	
Fund vs. Target-Date 2000-2010 M*star Category			72	50	70		N/A	N/A	N/A	89	47	78		N/A	
PG: Fund % Rank in Target-Date 2000-2010 M*star Category			28%	16%	21%		N/A	N/A	N/A	25%	18%	19%		N/A	
PG: # of funds in Target-Date 2000-2010 M*star Category			108	88	66		N/A	N/A	N/A	110	90	69		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]	\$673.80	18	8.74%	5.57%	6.87%	N/A	1.01%	2.91%	11.31%	12.42%	5.40%	7.29%	N/A	7.65%	9/30/2009
Gross Expense Ratio		32													12/4/2015
BM: Lifecycle Index 2015 Composite Benchmark			8.98%	5.74%	7.16%		1.06%	2.98%	11.35%	12.58%	5.55%	7.57%		8.00%	
Fund vs. Lifecycle Index 2015 Composite Benchmark			-24	-17	-29		-5	-7	-4	-16	-15	-28		-35	
BM: S&P Target Date 2015 Index			N/A	N/A	N/A		1.10%	3.05%	10.52%	11.87%	5.35%	7.07%		7.00%	
Fund vs. S&P Target Date 2015 Index			N/A	N/A	N/A		-9	-14	79	55	5	22		65	
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%		4.00%	
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			867	286	481		114	346	824	921	329	531		365	
PG: Target-Date 2015 M*star Category			8.05%	5.01%	6.23%		N/A	N/A	N/A	11.63%	4.84%	6.53%		N/A	
Fund vs. Target-Date 2015 M*star Category			69	56	64		N/A	N/A	N/A	79	56	76		N/A	
PG: Fund % Rank in Target-Date 2015 M*star Category			43%	18%	26%		N/A	N/A	N/A	33%	20%	21%		N/A	
PG: # of funds in Target-Date 2015 M*star Category			121	90	64		N/A	N/A	N/A	119	89	65		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]	\$1,467.60	18	10.06%	6.02%	7.69%	N/A	1.14%	3.39%	12.68%	13.95%	5.90%	8.20%	N/A	8.29%	9/30/2009
Gross Expense Ratio		30													12/4/2015
BM: Lifecycle Index 2020 Composite Benchmark			10.31%	6.22%	7.99%		1.23%	3.47%	12.70%	14.11%	6.09%	8.49%		9.00%	
Fund vs. Lifecycle Index 2020 Composite Benchmark			-25	-20	-30		-9	-8	-2	-16	-19	-29		-71	
BM: S&P Target Date 2020 Index			N/A	N/A	N/A		1.27%	3.55%	11.87%	13.43%	5.95%	8.04%		8.00%	
Fund vs. S&P Target Date 2020 Index			N/A	N/A	N/A		-13	-16	81	52	-5	16		29	
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.00%	
Fund vs. Russell 3000 Index			-865	-472	-654		-190	-446	-725	-832	-485	-743		-571	
PG: Target-Date 2020 M*star Category			8.92%	5.22%	6.40%		N/A	N/A	N/A	12.80%	5.10%	6.80%		N/A	
Fund vs. Target-Date 2020 M*star Category			114	80	129		N/A	N/A	N/A	115	80	140		N/A	
PG: Fund % Rank in Target-Date 2020 M*star Category			35%	17%	12%		N/A	N/A	N/A	31%	15%	12%		N/A	
PG: # of funds in Target-Date 2020 M*star Category			239	188	155		N/A	N/A	N/A	231	182	150		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFECYCLE INDEX 2025 FUND (TLQHX) [8]	\$1,671.60	18	11.58%	6.61%	8.58%	N/A	1.38%	3.95%	14.26%	15.74%	6.54%	9.16%	N/A	8.98%	9/30/2009
Gross Expense Ratio		30													12/4/2015
BM: Lifecycle Index 2025 Composite Benchmark			11.85%	6.78%	8.87%		1.43%	4.06%	14.28%	15.90%	6.71%	9.46%		9.00%	
Fund vs. Lifecycle Index 2025 Composite Benchmark			-27	-17	-29		-5	-11	-2	-16	-17	-30		-2	
BM: S&P Target Date 2025 Index			N/A	N/A	N/A		1.50%	4.25%	13.50%	15.26%	6.59%	8.91%		9.00%	
Fund vs. S&P Target Date 2025 Index			N/A	N/A	N/A		-12	-30	76	48	-5	25		-2	
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.00%	
Fund vs. Russell 3000 Index			-713	-413	-565		-166	-390	-567	-653	-421	-647		-502	
PG: Target-Date 2025 M*star Category			10.85%	5.92%	7.54%		N/A	N/A	N/A	15.08%	5.86%	8.03%		N/A	
Fund vs. Target-Date 2025 M*star Category			73	69	104		N/A	N/A	N/A	66	68	113		N/A	
PG: Fund % Rank in Target-Date 2025 M*star Category			43%	18%	17%		N/A	N/A	N/A	42%	17%	14%		N/A	
PG: # of funds in Target-Date 2025 M*star Category			210	162	124		N/A	N/A	N/A	205	159	131		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]	\$1,728.70	18	13.13%	7.14%	9.44%	N/A	1.54%	4.52%	15.84%	17.46%	7.13%	10.10%	N/A	9.65%	9/30/2009
Gross Expense Ratio		29													12/4/2015
BM: Lifecycle Index 2030 Composite Benchmark			13.41%	7.32%	9.73%		1.63%	4.65%	15.88%	17.72%	7.33%	10.42%		10.00%	
Fund vs. Lifecycle Index 2030 Composite Benchmark			-28	-18	-29		-9	-13	-4	-26	-20	-32		-35	
BM: S&P Target Date 2030 Index			N/A	N/A	N/A		1.73%	4.95%	15.03%	16.98%	7.19%	9.75%		9.00%	
Fund vs. S&P Target Date 2030 Index			N/A	N/A	N/A		-19	-43	81	48	-6	35		65	
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.00%	
Fund vs. Russell 3000 Index			-558	-360	-479		-150	-333	-409	-481	-362	-553		-435	
PG: Target-Date 2030 M*star Category			12.52%	6.49%	8.23%		N/A	N/A	N/A	17.05%	6.52%	8.83%		N/A	
Fund vs. Target-Date 2030 M*star Category			61	65	121		N/A	N/A	N/A	41	61	127		N/A	
PG: Fund % Rank in Target-Date 2030 M*star Category			46%	22%	14%		N/A	N/A	N/A	52%	19%	12%		N/A	
PG: # of funds in Target-Date 2030 M*star Category			239	188	155		N/A	N/A	N/A	231	182	150		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 November 30, 2017
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FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) [2]	Previous Quarter-End Returns				Current Month-End Returns							Inception Date	
			Avg. Annual Returns				Avg. Annual Returns					Since			
			1 Year	3 Year	5 Year	10 Year	1 Month	3 Month	YTD	1 Year	3 Year		5 Year		10 Year
10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17					
TIAA-CREF LIFECYCLE INDEX 2035 FUND (TLYHX) [8]	\$1,625.60	18	14.81%	7.67%	10.28%	N/A	1.79%	5.16%	17.54%	19.36%	7.77%	11.05%	N/A	10.29%	9/30/2009
Gross Expense Ratio		29													12/4/2015
BM: Lifecycle Index 2035 Composite Benchmark			15.00%	7.82%	10.55%		1.83%	5.25%	17.45%	19.50%	7.90%	11.33%		11.00%	
Fund vs. Lifecycle Index 2035 Composite Benchmark			-19	-15	-27		-4	-9	9	-14	-13	-28		-71	
BM: S&P Target Date 2035 Index			N/A	N/A	N/A		1.92%	5.58%	16.51%	18.64%	7.77%	10.48%		10.00%	
Fund vs. S&P Target Date 2035 Index			N/A	N/A	N/A		-13	-42	103	72	0	57		29	
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.00%	
Fund vs. Russell 3000 Index			-390	-307	-395		-125	-269	-239	-291	-298	-458		-371	
PG: Target-Date 2035 M*star Category			14.35%	7.03%	9.12%		N/A	N/A	N/A	19.04%	7.12%	9.81%		N/A	
Fund vs. Target-Date 2035 M*star Category			46	64	116		N/A	N/A	N/A	32	65	124		N/A	
PG: Fund % Rank in Target-Date 2035 M*star Category			37%	24%	11%		N/A	N/A	N/A	49%	20%	9%		N/A	
PG: # of funds in Target-Date 2035 M*star Category			210	162	124		N/A	N/A	N/A	205	159	131		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]	\$1,752.00	18	16.37%	8.16%	10.87%	N/A	1.94%	5.72%	19.02%	21.07%	8.32%	11.74%	N/A	10.73%	9/30/2009
Gross Expense Ratio		28													12/4/2015
BM: Lifecycle Index 2040 Composite Benchmark			16.60%	8.30%	11.15%		2.03%	5.86%	19.00%	21.27%	8.46%	12.01%		11.00%	
Fund vs. Lifecycle Index 2040 Composite Benchmark			-23	-14	-28		-9	-14	2	-20	-14	-27		-27	
BM: S&P Target Date 2040 Index			N/A	N/A	N/A		2.08%	6.04%	17.53%	19.79%	8.17%	10.99%		10.00%	
Fund vs. S&P Target Date 2040 Index			N/A	N/A	N/A		-14	-32	149	128	15	75		73	
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.00%	
Fund vs. Russell 3000 Index			-234	-258	-336		-110	-213	-91	-120	-243	-389		-327	
PG: Target-Date 2040 M*star Category			15.27%	7.31%	9.41%		N/A	N/A	N/A	20.15%	7.44%	10.16%		N/A	
Fund vs. Target-Date 2040 M*star Category			110	85	146		N/A	N/A	N/A	92	88	158		N/A	
PG: Fund % Rank in Target-Date 2040 M*star Category			29%	15%	8%		N/A	N/A	N/A	33%	12%	7%		N/A	
PG: # of funds in Target-Date 2040 M*star Category			239	188	155		N/A	N/A	N/A	231	182	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]	\$1,080.50	18	17.08%	8.41%	11.03%	N/A	2.03%	6.03%	19.83%	21.89%	8.63%	11.93%	N/A	10.84%	9/30/2009
Gross Expense Ratio		29													12/4/2015
BM: Lifecycle Index 2045 Composite Benchmark			17.31%	8.57%	11.31%		2.14%	6.18%	19.76%	22.11%	8.80%	12.22%		11.00%	
Fund vs. Lifecycle Index 2045 Composite Benchmark			-23	-16	-28		-11	-15	7	-22	-17	-29		-16	
BM: S&P Target Date 2045 Index			N/A	N/A	N/A		2.14%	6.25%	18.18%	20.53%	8.43%	11.37%		11.00%	
Fund vs. S&P Target Date 2045 Index			N/A	N/A	N/A		-11	-22	165	136	20	56		-16	
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.00%	
Fund vs. Russell 3000 Index			-163	-233	-320		-101	-182	-10	-38	-212	-370		-316	
PG: Target-Date 2045 M*star Category			16.14%	7.57%	9.82%		N/A	N/A	N/A	21.14%	7.73%	10.61%		N/A	
Fund vs. Target-Date 2045 M*star Category			94	84	121		N/A	N/A	N/A	75	90	132		N/A	
PG: Fund % Rank in Target-Date 2045 M*star Category			25%	13%	9%		N/A	N/A	N/A	30%	8%	7%		N/A	
PG: # of funds in Target-Date 2045 M*star Category			210	162	123		N/A	N/A	N/A	205	159	130		N/A	
Fund Star Rating			N/A	****	*****		N/A	N/A	N/A	N/A	****	*****		N/A	
TIAA-CREF LIFECYCLE INDEX 2050 FUND (TLHX) [8]	\$774.80	18	17.31%	8.51%	11.09%	N/A	2.08%	6.12%	19.98%	22.10%	8.76%	12.00%	N/A	10.89%	9/30/2009
Gross Expense Ratio		30													12/4/2015
BM: Lifecycle Index 2050 Composite Benchmark			17.56%	8.68%	11.39%		2.17%	6.28%	20.00%	22.39%	8.94%	12.31%		11.00%	
Fund vs. Lifecycle Index 2050 Composite Benchmark			-25	-17	-30		-9	-16	-2	-29	-18	-31		-11	
BM: S&P Target Date 2050 Index			N/A	N/A	N/A		2.21%	6.44%	18.77%	21.21%	8.66%	11.72%		11.00%	
Fund vs. S&P Target Date 2050 Index			N/A	N/A	N/A		-13	-32	121	89	10	28		-11	
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.00%	
Fund vs. Russell 3000 Index			-140	-223	-314		-96	-173	5	-17	-199	-363		-311	
PG: Target-Date 2050 M*star Category			16.18%	7.63%	9.81%		N/A	N/A	N/A	21.29%	7.80%	10.62%		N/A	
Fund vs. Target-Date 2050 M*star Category			113	88	128		N/A	N/A	N/A	81	96	138		N/A	
PG: Fund % Rank in Target-Date 2050 M*star Category			23%	12%	8%		N/A	N/A	N/A	32%	7%	6%		N/A	
PG: # of funds in Target-Date 2050 M*star Category			232	180	144		N/A	N/A	N/A	227	177	144		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]	\$252.90	18	17.64%	8.65%	11.17%	N/A	2.09%	6.27%	20.33%	22.51%	8.90%	12.10%	N/A	9.45%	4/29/2011
Gross Expense Ratio		39													12/4/2015
BM: Lifecycle Index 2055 Composite Benchmark			17.81%	8.80%	11.46%		2.20%	6.37%	20.25%	22.68%	9.08%	12.40%		10.00%	
Fund vs. Lifecycle Index 2055 Composite Benchmark			-17	-15	-29		-11	-10	8	-17	-18	-30		-55	
BM: S&P Target Date 2055 Index			N/A	N/A	N/A		2.21%	6.50%	19.05%	21.54%	8.77%	11.95%		9.00%	
Fund vs. S&P Target Date 2055 Index			N/A	N/A	N/A		-12	-23	128	97	13	15		45	
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		13.00%	
Fund vs. Russell 3000 Index			-107	-209	-306		-95	-158	40	24	-185	-353		-355	
PG: Target-Date 2055 M*star Category			16.60%	7.82%	10.21%		N/A	N/A	N/A	21.66%	8.02%	11.03%		N/A	
Fund vs. Target-Date 2055 M*star Category			104	83	96		N/A	N/A	N/A	85	88	107		N/A	
PG: Fund % Rank in Target-Date 2055 M*star Category			26%	12%	9%		N/A	N/A	N/A	22%	6%	8%		N/A	
PG: # of funds in Target-Date 2055 M*star Category			208	149	92		N/A	N/A	N/A	203	149	100		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]	\$44.40	18	17.81%	8.76%	N/A	N/A	2.22%	6.34%	20.49%	22.74%	9.06%	N/A	N/A	9.41%	9/26/2014
Gross Expense Ratio		108													12/4/2015
BM: Lifecycle Index 2060 Composite Benchmark			18.07%	8.92%			2.23%	6.47%	20.49%	22.96%	9.22%			10.00%	
Fund vs. Lifecycle Index 2060 Composite Benchmark			-26	-16			-1	-13	0	-22	-16			-59	
BM: S&P Target Date 2060+ Index			N/A	N/A			2.26%	6.61%	19.31%	21.84%	8.85%			9.00%	
Fund vs. S&P Target Date 2060+ Index			N/A	N/A			-4	-27	118	90	21			41	
BM: Russell 3000 Index			18.71%	10.74%			3.04%	7.85%	19.93%	22.27%	10.75%			12.00%	
Fund vs. Russell 3000 Index			-90	-198			-82	-151	56	47	-169			-259	
PG: Target-Date 2060+ M*star Category			16.85%	8.27%			N/A	N/A	N/A	21.86%	8.41%			N/A	
Fund vs. Target-Date 2060+ M*star Category			96	49			N/A	N/A	N/A	88	65			N/A	
PG: Fund % Rank in Target-Date 2060+ M*star Category			20%	13%			N/A	N/A	N/A	22%	7%			N/A	
PG: # of funds in Target-Date 2060+ M*star Category			148	34			N/A	N/A	N/A	148	40			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 November 30, 2017
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	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) [2]	Previous Quarter-End Returns				Current Month-End Returns							Since Inception	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		
FUND	11/30/17		10/01/16 to	10/01/14 to	10/01/12 to	10/01/07 to	11/01/17 to	09/01/17 to	01/01/17 to	12/01/16 to	12/01/14 to	12/01/12 to	12/01/07 to	11/30/17 to	9/30/2009
TIAA-CREF LIFECYCLE INDEX RETIREMENT INCOME FUND (TLIHX) [7]	\$174.80	18	7.23%	4.88%	5.56%	N/A	0.84%	2.39%	9.75%	10.62%	4.67%	5.87%	N/A	6.60%	12/4/2015
Gross Expense Ratio		44													
BM: Lifecycle Index Retirement Income Composite Benchmark			7.42%	5.10%	5.87%		0.87%	2.41%	9.74%	10.76%	4.88%	6.18%		7.00%	
Fund vs. Lifecycle Index Retirement Income Composite Benchmark			-19	-22	-31		-3	-2	1	-14	-21	-31		-40	
BM: S&P Target Date Retirement Income Index			N/A	N/A	N/A		0.81%	2.18%	7.80%	8.65%	4.03%	4.84%		6.00%	
Fund vs. S&P Target Date Retirement Income Index			N/A	N/A	N/A		3	21	195	197	64	103		60	
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%		4.00%	
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			716	217	350		97	294	668	741	256	389		260	
PG: Target-Date Retirement M*star Category			5.83%	3.87%	4.22%		N/A	N/A	N/A	8.93%	3.67%	4.43%		N/A	
Fund vs. Target-Date Retirement M*star Category			140	101	134		N/A	N/A	N/A	169	100	144		N/A	
PG: Fund % Rank in Target-Date Retirement M*star Category			20%	5%	7%		N/A	N/A	N/A	20%	9%	9%		N/A	
PG: # of funds in Target-Date Retirement M*star Category			178	144	125		N/A	N/A	N/A	172	140	122		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFECYCLE RETIREMENT INCOME FUND (TLRHX) [7]	\$520.00	46	8.74%	5.50%	6.09%	N/A	0.76%	2.63%	11.27%	12.10%	5.38%	6.33%	4.98%	4.98%	11/30/2007
Gross Expense Ratio		62													
BM: Lifecycle Retirement Income Fund Composite Index			7.41%	5.01%	5.79%		0.88%	2.43%	9.68%	10.69%	4.84%	6.11%	5.11%	5.00%	
Fund vs. Lifecycle Retirement Income Fund Composite Index			133	49	30		-12	20	159	141	54	22	-13	-2	
BM: S&P Target Date Retirement Income Index			N/A	N/A	N/A		0.81%	2.18%	7.80%	8.65%	4.03%	4.84%		4.00%	
Fund vs. S&P Target Date Retirement Income Index			N/A	N/A	N/A		-5	45	347	345	135	149	99	98	
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%	3.99%	4.00%	
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			867	279	403		89	318	820	889	327	435	99	98	
PG: Target-Date Retirement M*star Category			5.83%	3.87%	4.22%		N/A	N/A	N/A	8.93%	3.67%	4.43%		3.98%	
Fund vs. Target-Date Retirement M*star Category			291	163	187		N/A	N/A	N/A	317	171	190		100	
PG: Fund % Rank in Target-Date Retirement M*star Category			1%	1%	1%		N/A	N/A	N/A	6%	1%	1%		6%	
PG: # of funds in Target-Date Retirement M*star Category			178	144	125		N/A	N/A	N/A	172	140	122		73	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFESTYLE AGGRESSIVE GROWTH FUND (TSAHX) [10]	\$92.10	64	20.41%	9.45%	12.39%	N/A	2.10%	7.05%	23.98%	25.74%	9.68%	13.12%	N/A	13.60%	12/9/2011
Gross Expense Ratio		94													
BM: Lifestyle Aggressive Composite Benchmark			19.15%	8.99%	12.08%		2.40%	6.92%	21.41%	24.00%	9.32%	13.08%		13.00%	
Fund vs. Lifestyle Aggressive Composite Benchmark			126	46	31		-30	13	257	174	36	4		60	
BM: Morningstar Aggressive Target Risk TR USD			17.79%	8.19%	10.87%		2.22%	6.40%	20.15%	22.53%	8.72%	11.74%		12.00%	
Fund vs. Morningstar Aggressive Target Risk TR USD			262	126	152		-12	65	383	321	96	138		160	
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		16.00%	
Fund vs. Russell 3000 Index			170	-129	-184		-94	-80	405	347	-107	-251		-240	
PG: Allocation--85%+ Equity M*star Category			16.02%	7.40%	10.73%		N/A	N/A	N/A	19.30%	7.35%	11.55%		N/A	
Fund vs. Allocation--85%+ Equity M*star Category			439	205	166		N/A	N/A	N/A	644	233	157		N/A	
PG: Fund % Rank in Allocation--85%+ Equity M*star Category			1%	3%	3%		N/A	N/A	N/A	1%	1%	4%		N/A	
PG: # of funds in Allocation--85%+ Equity M*star Category			178	156	131		N/A	N/A	N/A	185	160	132		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFESTYLE CONSERVATIVE FUND (TLSHX) [9]	\$211.30	54	8.85%	5.58%	6.44%	N/A	0.79%	2.72%	11.44%	12.16%	5.49%	6.63%	N/A	7.34%	12/9/2011
Gross Expense Ratio		66													
BM: Lifestyle Conservative Composite Benchmark			7.50%	4.98%	5.84%		0.86%	2.43%	9.61%	10.62%	4.82%	6.17%		7.00%	
Fund vs. Lifestyle Conservative Composite Benchmark			135	60	60		-7	29	183	154	67	46		34	
BM: Morningstar Moderately Conservative Target Risk TR USD			7.29%	4.82%	5.48%		0.87%	2.44%	9.94%	10.94%	4.86%	5.81%		6.00%	
Fund vs. Morningstar Moderately Conservative Target Risk TR USD			156	76	96		-8	28	150	122	63	82		134	
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%		3.00%	
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			878	287	438		92	327	837	895	338	465		434	
PG: Allocation--30% to 50% Equity M*star Category			7.04%	4.06%	5.30%		N/A	N/A	N/A	10.23%	4.06%	5.72%		N/A	
Fund vs. Allocation--30% to 50% Equity M*star Category			181	152	114		N/A	N/A	N/A	193	143	91		N/A	
PG: Fund % Rank in Allocation--30% to 50% Equity M*star Category			16%	10%	20%		N/A	N/A	N/A	17%	12%	23%		N/A	
PG: # of funds in Allocation--30% to 50% Equity M*star Category			502	395	356		N/A	N/A	N/A	510	414	370		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFESTYLE GROWTH FUND (TSGHX) [10]	\$136.80	61	16.64%	8.37%	10.58%	N/A	1.73%	5.66%	20.03%	21.36%	8.48%	11.11%	N/A	11.72%	12/9/2011
Gross Expense Ratio		80													
BM: Lifestyle Growth Composite Benchmark			15.11%	7.80%	10.10%		1.89%	5.40%	17.53%	19.57%	7.95%	10.86%		11.00%	
Fund vs. Lifestyle Growth Composite Benchmark			153	57	48		-16	26	250	179	53	25		72	
BM: Morningstar Moderately Aggressive Target Risk TR USD			14.90%	7.25%	9.39%		1.85%	5.25%	17.30%	19.32%	7.65%	10.11%		11.00%	
Fund vs. Morningstar Moderately Aggressive Target Risk TR USD			174	112	119		-12	41	273	204	83	100		72	
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		16.00%	
Fund vs. Russell 3000 Index			-207	-237	-365		-131	-219	10	-91	-227	-452		-428	
PG: Allocation--70% to 85% Equity M*star Category			12.84%	6.01%	8.87%		N/A	N/A	N/A	16.20%	5.87%	9.54%		N/A	
Fund vs. Allocation--70% to 85% Equity M*star Category			380	236	171		N/A	N/A	N/A	516	261	157		N/A	
PG: Fund % Rank in Allocation--70% to 85% Equity M*star Category			6%	4%	10%		N/A	N/A	N/A	6%	5%	13%		N/A	
PG: # of funds in Allocation--70% to 85% Equity M*star Category			359	319	284		N/A	N/A	N/A	351	317	277		N/A	
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A	
TIAA-CREF LIFESTYLE INCOME FUND (TSLHX) [9]	\$68.70	51	5.14%	3.94%	4.16%	N/A	0.27%	1.27%	6.94%	7.46%	3.75%	4.18%	N/A	4.86%	12/9/2011
Gross Expense Ratio		80													
BM: Lifestyle Income Composite Benchmark			3.92%	3.36%	3.59%		0.34%	0.99%	5.60%	6.13%	3.09%	3.70%		4.00%	
Fund vs. Lifestyle Income Composite Benchmark			122	58	57		-7	28	134	133	66	48		86	
BM: Morningstar Conservative Target Risk TR USD			3.56%	3.23%	3.17%		0.42%	0.98%	6.40%	6.93%	3.15%	3.31%		4.00%	
Fund vs. Morningstar Conservative Target Risk TR USD			158	71	99		-15	29	54	53	60	87		86	
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%		3.00%	
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			507	123	210		40	182	387	425	164	220		186	
PG: Allocation--15% to 30% Equity M*star Category			4.46%	2.92%	3.33%		N/A	N/A	N/A	6.61%	2.80%	3.37%		N/A	
Fund vs. Allocation--15% to 30% Equity M*star Category			68	102	83		N/A	N/A	N/A	85	95	81		N/A	
PG: Fund % Rank in Allocation--15% to 30% Equity M*star Category			32%	18%	32%		N/A	N/A	N/A	39%	19%	34%		N/A	
PG: # of funds in Allocation--15% to 30% Equity M*star Category			201	175	149		N/A	N/A	N/A	200	177	152		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 November 30, 2017
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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		
TIAA-CREF LIFESTYLE MODERATE FUND (TSMHX) [10]	\$307.70	58	12.78%	7.19%	8.71%	N/A	1.27%	4.14%	15.98%	17.04%	7.14%	9.06%	N/A	9.80%	12/9/2011	
Gross Expense Ratio		67													12/4/2015	
BM: Lifestyle Moderate Composite Benchmark			11.19%	6.58%	8.10%		1.39%	3.89%	13.76%	15.28%	6.54%	8.64%		9.00%		
Fund vs. Lifestyle Moderate Composite Benchmark			159	61	61		-12	25	222	176	60	42		80		
BM: Morningstar Moderate Target Risk TR USD			10.95%	6.04%	7.44%		1.36%	3.81%	13.42%	14.91%	6.23%	7.96%		8.00%		
Fund vs. Morningstar Moderate Target Risk TR USD			183	115	127		-9	33	256	213	91	110		180		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		16.00%		
Fund vs. Russell 3000 Index			-593	-355	-552		-177	-371	-395	-523	-361	-657		-620		
PG: Allocation--50% to 70% Equity M*star Category			10.52%	5.38%	7.51%		N/A	N/A	N/A	13.56%	5.32%	8.03%		N/A		
Fund vs. Allocation--50% to 70% Equity M*star Category			226	181	120		N/A	N/A	N/A	348	182	103		N/A		
PG: Fund % Rank in Allocation--50% to 70% Equity M*star Category			17%	13%	27%		N/A	N/A	N/A	11%	11%	32%		N/A		
PG: # of Funds in Allocation--50% to 70% Equity M*star Category			821	725	664		N/A	N/A	N/A	820	719	668		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		

Money Market

FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) [2]	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 MONEY MARKET FUND (TMHXX) [3,4,11]	\$877.60	24	0.66%	0.27%	0.17%	0.55%	0.08%	0.29%	0.72%	0.75%	0.31%	0.19%	0.48%	1.90%	7/1/1999
Gross Expense Ratio		24													12/4/2015
BM: iMoneyNet Money Fund Averages TM-All Government			0.32%	0.13%	0.08%	0.31%	0.05%	0.16%	0.40%	0.41%	0.16%	0.10%	0.26%	1.51%	
Fund vs. iMoneyNet Money Fund Averages TM-All Government			34	14	9	24	3	13	32	34	15	9	22	39	
7-Day Effective Yield as of 11/30/2017: 0.88%															
7-Day Current Yield as of 11/30/2017: 0.88%															

MUTUAL FUND TOTALS [1] \$130,591.90

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.

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.

[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 Indices 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 Indices 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.

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
PREMIER SHARE CLASS

FOR PERIOD ENDING November 30, 2017
 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 Returns				Avg. Annual Returns					Since Inception			
			1 Year 10/01/16 to 09/30/17	3 Year 10/01/14 to 09/30/17	5 Year 10/01/12 to 09/30/17	10 Year 10/01/07 to 09/30/17	1 Month 11/01/17 to 11/30/17	3 Month 09/01/17 to 11/30/17	YTD 01/01/17 to 11/30/17	1 Year 12/01/16 to 11/30/17	3 Year 12/01/14 to 11/30/17	5 Year 12/01/12 to 11/30/17	10 Year 12/01/07 to 11/30/17	Since Inception 11/30/17 to Date	
U.S. Equities															
TIAA-CREF EQUITY INDEX FUND (TCEPX) ⁽⁵⁾	\$16,203.10	20	18.54%	10.56%	14.02%	7.43%	3.01%	7.83%	19.75%	22.06%	10.56%	15.42%	8.28%	5.95%	7/1/1999
Gross Expense Ratio		20													9/30/2009
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	6.00%	
Fund vs. Russell 3000 Index			-17	-18	-21	-14	-3	-2	-18	-21	-19	-21	-15	-5	
PG: Large Blend M*star Category			17.65%	9.03%	12.91%	6.58%	N/A	N/A	N/A	21.06%	9.18%	14.23%	7.42%	N/A	
Fund vs. Large Blend M*star Category			89	153	111	85	N/A	N/A	N/A	100	138	119	86	N/A	
PG: Fund % Rank in Large Blend M*star Category			38%	23%	28%	22%	N/A	N/A	N/A	45%	27%	28%	24%	N/A	
PG: # of funds in Large Blend M*star Category			1396	1218	1083	799	N/A	N/A	N/A	1392	1219	1083	797	N/A	
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A	
TIAA-CREF GROWTH & INCOME FUND (TRPGX) ⁽⁵⁾	\$6,849.70	57	19.01%	10.59%	13.94%	8.15%	2.58%	8.10%	22.60%	24.22%	10.78%	15.49%	8.66%	6.29%	7/1/1999
Gross Expense Ratio		57													9/30/2009
BM: S&P 500 Index			18.61%	10.81%	14.22%	7.44%	3.07%	7.65%	20.49%	22.87%	10.91%	15.74%	8.30%	6.00%	
Fund vs. S&P 500 Index			40	-22	-28	71	-49	45	211	135	-13	-25	36	29	
PG: Large Growth M*star Category			19.75%	10.36%	13.70%	7.55%	N/A	N/A	N/A	27.69%	10.53%	15.25%	8.19%	N/A	
Fund vs. Large Growth M*star Category			-74	23	24	60	N/A	N/A	N/A	-347	25	24	47	N/A	
PG: Fund % Rank in Large Growth M*star Category			59%	51%	48%	38%	N/A	N/A	N/A	74%	51%	49%	43%	N/A	
PG: # of funds in Large Growth M*star Category			1398	1259	1125	800	N/A	N/A	N/A	1371	1226	1110	786	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⁾	\$4,902.60	58	22.25%	12.60%	16.14%	8.67%	2.74%	8.20%	33.88%	33.74%	12.74%	17.58%	9.19%	9.76%	3/31/2006
Gross Expense Ratio		58													9/30/2009
BM: Russell 1000 Growth Index			21.94%	12.69%	15.26%	9.08%	3.04%	8.42%	29.21%	30.81%	13.10%	17.14%	9.87%	10.00%	
Fund vs. Russell 1000 Growth Index			31	-9	88	-41	-30	-22	467	293	-36	44	-68	-24	
PG: Large Growth M*star Category			19.75%	10.36%	13.70%	7.55%	N/A	N/A	N/A	27.69%	10.53%	15.25%	8.19%	N/A	
Fund vs. Large Growth M*star Category			250	224	244	112	N/A	N/A	N/A	605	221	233	100	N/A	
PG: Fund % Rank in Large Growth M*star Category			26%	20%	13%	26%	N/A	N/A	N/A	14%	21%	14%	30%	N/A	
PG: # of funds in Large Growth M*star Category			1398	1259	1125	800	N/A	N/A	N/A	1371	1226	1110	786	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⁾	\$7,136.70	56	15.45%	8.17%	12.81%	5.78%	2.21%	5.95%	10.48%	12.61%	7.93%	13.27%	6.44%	9.83%	10/1/2002
Gross Expense Ratio		56													9/30/2009
BM: Russell 1000 Value Index			15.12%	8.53%	13.20%	5.92%	3.06%	6.89%	12.03%	14.83%	8.35%	14.17%	6.84%	10.00%	
Fund vs. Russell 1000 Value Index			33	-36	-39	-14	-85	-94	-155	-222	-42	-90	-40	-17	
PG: Large Value M*star Category			16.17%	7.99%	12.23%	5.72%	N/A	N/A	N/A	16.55%	8.14%	13.33%	6.59%	N/A	
Fund vs. Large Value M*star Category			-72	18	58	6	N/A	N/A	N/A	-394	-21	-6	-15	N/A	
PG: Fund % Rank in Large Value M*star Category			62%	50%	39%	52%	N/A	N/A	N/A	88%	59%	57%	58%	N/A	
PG: # of funds in Large Value M*star Category			1269	1108	962	689	N/A	N/A	N/A	1266	1107	966	691	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⁾	\$1,637.70	62	17.97%	8.30%	12.27%	7.23%	2.81%	7.78%	25.36%	25.09%	8.07%	13.39%	7.82%	11.66%	10/1/2002
Gross Expense Ratio		62													9/30/2009
BM: Russell Mid Cap Growth Index			17.82%	9.96%	14.18%	8.20%	3.34%	9.24%	24.60%	25.03%	10.00%	15.59%	9.07%	12.00%	
Fund vs. Russell Mid Cap Growth Index			15	-166	-191	-97	-53	-146	76	6	-193	-220	-125	-34	
PG: Mid-Cap Growth M*star Category			18.18%	9.13%	12.62%	6.92%	N/A	N/A	N/A	23.75%	9.19%	13.95%	7.65%	N/A	
Fund vs. Mid-Cap Growth M*star Category			-21	-83	-35	31	N/A	N/A	N/A	134	-112	-56	17	N/A	
PG: Fund % Rank in Mid-Cap Growth M*star Category			49%	67%	55%	46%	N/A	N/A	N/A	38%	74%	61%	50%	N/A	
PG: # of funds in Mid-Cap Growth M*star Category			614	563	484	362	N/A	N/A	N/A	613	560	491	365	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⁾	\$4,560.00	56	13.01%	7.86%	12.83%	6.63%	2.39%	6.39%	10.37%	12.19%	7.20%	13.33%	7.26%	12.00%	10/1/2002
Gross Expense Ratio		56													9/30/2009
BM: Russell Mid Cap Value Index			13.37%	9.19%	14.33%	7.85%	3.38%	7.06%	11.96%	13.95%	8.83%	14.99%	8.84%	12.00%	
Fund vs. Russell Mid Cap Value Index			-36	-133	-150	-122	-99	-67	-159	-176	-163	-166	-158	0	
PG: Mid-Cap Value M*star Category			14.83%	7.90%	12.71%	6.85%	N/A	N/A	N/A	13.86%	7.97%	13.48%	7.77%	N/A	
Fund vs. Mid-Cap Value M*star Category			-182	-4	12	-22	N/A	N/A	N/A	-167	-77	-15	-51	N/A	
PG: Fund % Rank in Mid-Cap Value M*star Category			71%	63%	60%	57%	N/A	N/A	N/A	71%	71%	68%	65%	N/A	
PG: # of funds in Mid-Cap Value M*star Category			410	363	319	226	N/A	N/A	N/A	406	368	314	222	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⁾	\$2,144.30	66	3.97%	10.33%	9.30%	5.56%	3.10%	2.61%	12.37%	16.63%	7.65%	10.45%	6.80%	10.72%	10/1/2002
Gross Expense Ratio		66													9/30/2009
BM: FTSE NAREIT All Equity REITs Index			2.57%	10.18%	9.97%	6.06%	2.65%	1.97%	8.99%	13.86%	7.22%	10.69%	7.24%	11.00%	
Fund vs. FTSE NAREIT All Equity REITs Index			140	15	-67	-50	45	64	338	277	43	-24	-44	-28	
PG: Real Estate M*star Category			1.78%	8.76%	8.73%	5.13%	N/A	N/A	N/A	10.43%	5.65%	9.39%	6.21%	N/A	
Fund vs. Real Estate M*star Category			219	157	57	43	N/A	N/A	N/A	620	200	106	59	N/A	
PG: Fund % Rank in Real Estate M*star Category			15%	11%	26%	39%	N/A	N/A	N/A	5%	7%	17%	33%	N/A	
PG: # of funds in Real Estate M*star Category			255	230	203	141	N/A	N/A	N/A	261	233	205	144	N/A	
Fund Star Rating			N/A	****	****	***	N/A	N/A	N/A	N/A	****	****	****	N/A	
TIAA-CREF SMALL/MID-CAP EQUITY FUND (TSRPX) ⁽⁵⁾	\$3,938.40	57	21.77%	12.96%	14.84%	8.31%	2.77%	9.88%	15.02%	18.03%	12.05%	16.25%	9.37%	11.50%	10/1/2002
Gross Expense Ratio		57													9/30/2009
BM: Russell 2000 Index			20.74%	12.18%	13.79%	7.85%	2.88%	10.23%	15.11%	18.34%	11.14%	15.02%	8.75%	11.00%	
Fund vs. Russell 2000 Index			103	78	105	46	-11	-35	-9	-31	91	123	62	50	
PG: Small Growth M*star Category			20.40%	11.15%	13.02%	7.57%	N/A	N/A	N/A	22.34%	10.67%	14.45%	8.38%	N/A	
Fund vs. Small Growth M*star Category			137	181	182	74	N/A	N/A	N/A	-431	138	180	99	N/A	
PG: Fund % Rank in Small Growth M*star Category			32%	28%	21%	34%	N/A	N/A	N/A	78%	28%	22%	28%	N/A	
PG: # of funds in Small Growth M*star Category			674	597	532	399	N/A	N/A	N/A	682	604	539	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) ⁽⁴⁾	\$695.70	66	19.49%	N/A	N/A	N/A	3.40%	11.13%	18.99%	21.55%	N/A	N/A	N/A	20.55%	8/5/2016
Gross Expense Ratio		66													
BM: Russell 2500 Index			17.79%				3.29%	9.64%	16.42%	18.68%				18.18%	
Fund vs. Russell 2500 Index			170				11	149	257	287				237	
PG: Small Blend M*star Category			18.91%				N/A	N/A	N/A	16.03%				N/A	
Fund vs. Small Blend M*star Category			58				N/A	N/A	N/A	552				N/A	
PG: Fund % Rank in Small Blend M*star Category			48%				N/A	N/A	N/A						

**INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
PREMIER SHARE CLASS**

FOR PERIOD ENDING November 30, 2017
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 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.
			10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17	11/30/17	Date
TIAA-CREF SOCIAL CHOICE EQUITY FUND (TRPSX) ^[5]	\$2,978.70	34	18.33%	9.35%	13.73%	7.25%	2.83%	7.85%	19.45%	21.62%	9.62%	14.87%	8.00%	5.73%	7/1/1999
Gross Expense Ratio		34													9/30/2009
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	6.00%	
Fund vs. Russell 3000 Index			-38	-139	-50	-32	-21	0	-48	-65	-113	-76	-43	-27	
PG: Large Blend M*star Category			17.65%	9.03%	12.91%	6.58%	N/A	N/A	N/A	21.06%	9.18%	14.23%	7.42%	N/A	
Fund vs. Large Blend M*star Category			68	32	82	67	N/A	N/A	N/A	56	44	64	58	N/A	
PG: Fund % Rank in Large Blend M*star Category			45%	53%	38%	31%	N/A	N/A	N/A	52%	51%	47%	36%	N/A	
PG: # of funds in Large Blend M*star Category			1396	1218	1083	799	N/A	N/A	N/A	1392	1219	1083	797	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)	\$95.00	47	18.86%	N/A	N/A	N/A	2.64%	7.45%	19.55%	21.85%	N/A	N/A	N/A	12.89%	8/7/2015
Gross Expense Ratio		82													
BM: Russell 3000 Index			18.71%				3.04%	7.85%	19.93%	22.27%					13.04%
Fund vs. Russell 3000 Index			15				-40	-40	-38	-42					-15
PG: Large Blend M*star Category			17.65%				N/A	N/A	N/A	21.06%					
Fund vs. Large Blend M*star Category			121				N/A	N/A	N/A	79					N/A
PG: Fund % Rank in Large Blend M*star Category			30%				N/A	N/A	N/A	49%					N/A
PG: # of funds in Large Blend M*star Category			1396				N/A	N/A	N/A	1392					N/A
Fund Star Rating			N/A				N/A	N/A	N/A	N/A					N/A
Global Equities															
TIAA-CREF GLOBAL NATURAL RESOURCES FUND (TNRPX)	\$42.60	90	4.35%	-3.29%	-2.78%	N/A	0.25%	5.16%	-3.89%	-4.80%	-0.64%	-2.14%	N/A	-1.57%	11/1/2011
Gross Expense Ratio		94													
BM: MSCI AC World Index Commodity Producers Sec. Cap. Index			18.16%	-0.76%	-0.71%		0.13%	5.20%	13.65%	16.56%	2.14%	0.09%			0.09%
Fund vs. MSCI AC World Index Commodity Producers Sec. Cap. Index			-1381	-253	-207		12	-4	-1754	-2136	-278	-223			-166
PG: Natural Resources M*star Category			15.26%	-0.52%	1.75%		N/A	N/A	N/A	13.05%	2.56%	2.48%			N/A
Fund vs. Natural Resources M*star Category			-1091	-277	-453		N/A	N/A	N/A	-1785	-320	-462			N/A
PG: Fund % Rank in Natural Resources M*star Category			78%	66%	70%		N/A	N/A	N/A	91%	67%	71%			N/A
PG: # of funds in Natural Resources M*star Category			137	128	115		N/A	N/A	N/A	137	128	117			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)	\$1,441.00	109	29.82%	5.79%	4.55%	N/A	-0.16%	5.33%	42.35%	40.51%	7.24%	4.83%	N/A	4.24%	8/31/2010
Gross Expense Ratio		109													
BM: MS Emerging Market			22.46%	4.90%	3.99%		0.20%	3.30%	32.53%	32.82%	6.15%	4.61%			4.48%
Fund vs. MS Emerging Market			736	89	56		-36	203	982	769	109	22			-24
PG: Diversified Emerging Mkts M*star Category			19.93%	3.86%	4.09%		N/A	N/A	N/A	29.73%	4.91%	4.47%			N/A
Fund vs. Diversified Emerging Mkts M*star Category			989	193	46		N/A	N/A	N/A	1078	233	36			N/A
PG: Fund % Rank in Diversified Emerging Mkts M*star Category			3%	24%	40%		N/A	N/A	N/A	5%	18%	44%			N/A
PG: # of funds in Diversified Emerging Mkts M*star Category			797	642	447		N/A	N/A	N/A	796	636	454			N/A
Fund Star Rating			N/A	****	***		N/A	N/A	N/A	N/A	****	***			N/A
TIAA-CREF EMERGING MARKETS EQUITY INDEX FUND (TEOPX)	\$2,413.90	38	22.10%	4.97%	3.80%	N/A	0.25%	3.22%	33.30%	32.89%	6.11%	4.44%	N/A	3.98%	8/31/2010
Gross Expense Ratio		38													
BM: MS Emerging Market			22.46%	4.90%	3.99%		0.20%	3.30%	32.53%	32.82%	6.15%	4.61%			4.48%
Fund vs. MS Emerging Market			-36	7	-19		5	-8	77	7	-4	-17			-50
PG: Diversified Emerging Mkts M*star Category			19.93%	3.86%	4.09%		N/A	N/A	N/A	29.73%	4.91%	4.47%			N/A
Fund vs. Diversified Emerging Mkts M*star Category			217	111	-29		N/A	N/A	N/A	316	120	-3			N/A
PG: Fund % Rank in Diversified Emerging Mkts M*star Category			37%	36%	57%		N/A	N/A	N/A	33%	35%	54%			N/A
PG: # of funds in Diversified Emerging Mkts M*star Category			797	642	447		N/A	N/A	N/A	796	636	454			N/A
Fund Star Rating			N/A	***	***		N/A	N/A	N/A	N/A	***	***			N/A
TIAA-CREF INTERNATIONAL EQUITY FUND (TREPX) ^[5]	\$5,124.50	64	21.97%	7.32%	9.59%	1.47%	0.98%	5.71%	30.40%	33.57%	7.15%	8.67%	1.65%	5.44%	7/1/1999
Gross Expense Ratio		64													9/30/2009
BM: Morgan Stanley EAFE Index			19.10%	5.04%	8.38%	1.34%	1.05%	5.14%	23.06%	27.27%	5.97%	8.24%	1.55%	4.00%	
Fund vs. Morgan Stanley EAFE Index			287	228	121	13	-7	57	734	630	118	43	10	144	
PG: Foreign Large Growth M*star Category			18.47%	6.96%	8.81%	2.25%	N/A	N/A	N/A	30.17%	7.35%	8.83%	2.45%	N/A	
Fund vs. Foreign Large Growth M*star Category			350	36	78	-78	N/A	N/A	N/A	340	-20	-16	-80	N/A	
PG: Fund % Rank in Foreign Large Growth M*star Category			13%	38%	25%	77%	N/A	N/A	N/A	20%	47%	45%	79%	N/A	
PG: # of funds in Foreign Large Growth M*star Category			396	325	280	192	N/A	N/A	N/A	392	327	281	203	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]	\$11,765.60	21	18.83%	5.13%	8.41%	1.37%	0.79%	4.83%	23.61%	26.91%	6.04%	8.20%	1.61%	8.29%	10/1/2002
Gross Expense Ratio		21													9/30/2009
BM: Morgan Stanley EAFE Index			19.10%	5.04%	8.38%	1.34%	1.05%	5.14%	23.06%	27.27%	5.97%	8.24%	1.55%	8.00%	
Fund vs. Morgan Stanley EAFE Index			-27	9	3	3	-26	-31	55	-36	7	-4	6	29	
PG: Foreign Large Blend M*star Category			18.01%	5.07%	7.74%	1.22%	N/A	N/A	N/A	25.95%	5.87%	7.70%	1.43%	N/A	
Fund vs. Foreign Large Blend M*star Category			82	6	67	15	N/A	N/A	N/A	96	17	50	18	N/A	
PG: Fund % Rank in Foreign Large Blend M*star Category			45%	48%	31%	45%	N/A	N/A	N/A	46%	46%	35%	42%	N/A	
PG: # of funds in Foreign Large Blend M*star Category			736	598	533	344	N/A	N/A	N/A	754	599	536	346	N/A	
Fund Star Rating			N/A	***	****	***	N/A	N/A	N/A	N/A	***	***	***	N/A	
TIAA-CREF INTERNATIONAL OPPORTUNITIES FUND (TIOPX)	\$1,462.80	79	24.42%	8.19%	N/A	N/A	0.99%	4.85%	31.61%	32.64%	8.84%	N/A	N/A	6.89%	4/12/2013
Gross Expense Ratio		79													
BM: MSCI AC World Index ex USA			19.61%	4.70%			0.81%	4.62%	24.41%	27.59%	5.74%				5.85%
Fund vs. MSCI AC World Index ex USA			481	349			18	23	720	505	310				104
PG: Foreign Large Growth M*star Category			18.47%	6.96%			N/A	N/A	N/A	30.17%	7.35%				N/A
Fund vs. Foreign Large Growth M*star Category			595	123			N/A	N/A	N/A	247	149				N/A
PG: Fund % Rank in Foreign Large Growth M*star Category			8%	22%			N/A	N/A	N/A	23%	21%				N/A
PG: # of funds in Foreign Large Growth M*star Category			396	325			N/A	N/A	N/A	392	327				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 November 30, 2017
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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. Date	
TIAA-CREF INTERNATIONAL SMALL-CAP EQUITY FUND (TPISX) [4]	\$960.20	87	N/A	N/A	N/A	N/A	0.39%	3.94%	30.74%	N/A	N/A	N/A	N/A	N/A	29.42%	12/9/2016
Gross Expense Ratio																
BM: MSCI ACWI ex-US Small Cap Index							1.49% 5.60% 27.72%									
Fund vs. MSCI ACWI ex-US Small Cap Index							-110 -166 302									
PG: Foreign Small/Mid Blend M*star Category							N/A N/A N/A									
Fund vs. Foreign Small/Mid Blend M*star Category							N/A N/A N/A									
PG: Fund % Rank in Foreign Small/Mid Blend M*star Category							N/A N/A N/A									
PG: # of funds in Foreign Small/Mid Blend M*star Category							N/A N/A N/A									
Fund Star Rating							N/A N/A N/A									
TIAA-CREF SOCIAL CHOICE INTERNATIONAL EQUITY FUND (TSOPX)	\$53.30	55	18.28%	N/A	N/A	N/A	0.71%	4.35%	22.90%	26.14%	N/A	N/A	N/A	6.67%	8/7/2015	
Gross Expense Ratio																
BM: Morgan Stanley EAFE Index			19.10%				1.05% 5.14% 23.06%									
Fund vs. Morgan Stanley EAFE Index			-82				-34 -79 -16									
PG: Foreign Large Blend M*star Category			18.01%				N/A N/A N/A									
Fund vs. Foreign Large Blend M*star Category			27				N/A N/A N/A									
PG: Fund % Rank in Foreign Large Blend M*star Category			54%				N/A N/A N/A									
PG: # of funds in Foreign Large Blend M*star Category			736				N/A N/A N/A									
Fund Star Rating			N/A				N/A N/A N/A									
TIAA-CREF BOND FUND (TIDPX) [5]	\$4,482.10	46	1.17%	3.32%	2.74%	4.53%	-0.06%	-0.28%	3.91%	4.21%	2.84%	2.60%	4.28%	5.14%	7/1/1999	
Gross Expense Ratio																
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%				-0.13% -0.55% 3.07%									
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			110				7 27 84									
PG: Intermediate-Term Bond M*star Category			0.83%				N/A N/A N/A									
Fund vs. Intermediate-Term Bond M*star Category			34				N/A N/A N/A									
PG: Fund % Rank in Intermediate-Term Bond M*star Category			33%				N/A N/A N/A									
PG: # of funds in Intermediate-Term Bond M*star Category			985				N/A N/A N/A									
Fund Star Rating			N/A				N/A N/A N/A									
TIAA-CREF BOND INDEX FUND (TBIPX) [5]	\$8,831.30	27	-0.35%	2.42%	1.75%	N/A	-0.18%	-0.63%	2.84%	3.02%	1.80%	1.66%	N/A	3.21%	9/14/2009	
Gross Expense Ratio																
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%				-0.13% -0.55% 3.07%									
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			-42				-5 -8 -23									
PG: Intermediate-Term Bond M*star Category			0.83%				N/A N/A N/A									
Fund vs. Intermediate-Term Bond M*star Category			-118				N/A N/A N/A									
PG: Fund % Rank in Intermediate-Term Bond M*star Category			88%				N/A N/A N/A									
PG: # of funds in Intermediate-Term Bond M*star Category			985				N/A N/A N/A									
Fund Star Rating			N/A				N/A N/A N/A									
TIAA-CREF BOND PLUS FUND (TBPPX) [5]	\$4,068.00	46	1.55%	3.43%	2.97%	4.63%	-0.03%	-0.21%	4.23%	4.59%	2.97%	2.84%	4.44%	4.64%	3/31/2006	
Gross Expense Ratio																
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%				-0.13% -0.55% 3.07%									
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			148				10 34 116									
PG: Intermediate-Term Bond M*star Category			0.83%				N/A N/A N/A									
Fund vs. Intermediate-Term Bond M*star Category			72				N/A N/A N/A									
PG: Fund % Rank in Intermediate-Term Bond M*star Category			25%				N/A N/A N/A									
PG: # of funds in Intermediate-Term Bond M*star Category			985				N/A N/A N/A									
Fund Star Rating			N/A				N/A N/A N/A									
TIAA-CREF EMERGING MARKETS DEBT FUND (TEDPX)	\$361.00	80	8.79%	6.62%	N/A	N/A	0.10%	0.87%	12.65%	14.64%	6.58%	N/A	N/A	6.16%	9/26/2014	
Gross Expense Ratio																
BM: JPMorgan EMBI Global Diversified Index			4.61%				0.05% 0.43% 9.45%									
Fund vs. JPMorgan EMBI Global Diversified Index			418				5 44 320									
PG: Emerging Markets Bond M*star Category			6.49%				N/A N/A N/A									
Fund vs. Emerging Markets Bond M*star Category			230				N/A N/A N/A									
PG: Fund % Rank in Emerging Markets Bond M*star Category			13%				N/A N/A N/A									
PG: # of funds in Emerging Markets Bond M*star Category			289				N/A N/A N/A									
Fund Star Rating			N/A				N/A N/A N/A									
TIAA-CREF HIGH YIELD FUND (TIHPX) [5]	\$4,020.80	51	7.50%	5.13%	5.56%	7.18%	0.12%	1.03%	5.26%	7.26%	5.07%	5.34%	7.33%	7.09%	3/31/2006	
Gross Expense Ratio																
BM: ICE BofA ML BB-B Cash Pay Issuer Constrained Index (New)			7.91%				-0.26% 0.96% 6.76%									
Fund vs. ICE BofA ML BB-B Cash Pay Issuer Constrained Index (New)			-41				38 7 -150									
PG: High Yield Bond M*star Category			7.77%				N/A N/A N/A									
Fund vs. High Yield Bond M*star Category			-27				N/A N/A N/A									
PG: Fund % Rank in High Yield Bond M*star Category			57%				N/A N/A N/A									
PG: # of funds in High Yield Bond M*star Category			697				N/A N/A N/A									
Fund Star Rating			N/A				N/A N/A N/A									
TIAA-CREF INFLATION-LINKED BOND FUND (TIKPX) [5,7]	\$2,708.40	41	-0.67%	0.87%	-0.56%	3.37%	-0.17%	-0.61%	1.06%	1.23%	0.52%	-0.82%	2.85%	3.94%	10/1/2002	
Gross Expense Ratio																
BM: Bloomberg Barclays US TIPS 1-10 Year Index			-0.14%				-0.11% -0.43% 1.41%									
Fund vs. Bloomberg Barclays US TIPS 1-10 Year Index			-53				-6 -18 -35									
PG: Inflation-Protected Bond M*star Category			-0.42%				N/A N/A N/A									
Fund vs. Inflation-Protected Bond M*star Category			-25				N/A N/A N/A									
PG: Fund % Rank in Inflation-Protected Bond M*star Category			58%				N/A N/A N/A									
PG: # of funds in Inflation-Protected Bond M*star Category			232				N/A N/A N/A									
Fund Star Rating			N/A				N/A N/A N/A									
TIAA-CREF INTERNATIONAL BOND FUND (TIBLX) [4]	\$248.80	80	0.87%	N/A	N/A	N/A	0.51%	0.61%	4.99%	5.91%	N/A	N/A	N/A	1.51%	8/5/2016	
Gross Expense Ratio																
BM: Bloomberg Barclays Global Aggregate ex-USD Index (Hedged)			-0.55%				0.39% 0.61% 2.43%									
Fund vs. Bloomberg Barclays Global Aggregate ex-USD Index (Hedged)			142				12 0 256									
PG: World Bond M*star Category			1.96%				N/A N/A N/A									
Fund vs. World Bond M*star Category			-109				N/A N/A N/A									
PG: Fund % Rank in World Bond M*star Category			59%				N/A N/A N/A									
PG: # of funds in World Bond M*star Category			315				N/A N/A N/A									
Fund Star Rating			N/A				N/A N/A N/A									

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
PREMIER SHARE CLASS

FOR PERIOD ENDING November 30, 2017
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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. Date	
			10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17			
TIAA-CREF SHORT-TERM BOND FUND (TSTPX) ^[5]	\$1,624.50	42	1.33%	1.46%	1.18%	2.58%	-0.12%	-0.03%	1.61%	1.76%	1.31%	1.09%	2.42%	2.86%	3/31/2006	
Gross Expense Ratio		42													9/30/2009	
BM: Bloomberg Barclays US 1-3 Yr Govt Credit Index			0.66%	1.05%	0.91%	2.09%	-0.22%	-0.36%	0.81%	0.88%	0.83%	0.84%	1.88%	2.00%		
Fund vs. Bloomberg Barclays US 1-3 Yr Govt Credit Index			67	41	27	49	10	33	80	88	48	25	54	86		
PG: Short-Term Bond M*star Category			1.26%	1.40%	1.17%	2.43%	N/A	N/A	N/A	1.80%	1.27%	1.12%	2.29%	N/A		
Fund vs. Short-Term Bond M*star Category			7	6	1	15	N/A	N/A	N/A	-4	4	-3	13	N/A		
PG: Fund % Rank in Short-Term Bond M*star Category			38%	42%	47%	46%	N/A	N/A	N/A	46%	44%	47%	47%	N/A		
PG: # of funds in Short-Term Bond M*star Category			512	463	382	259	N/A	N/A	N/A	514	463	393	259	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A		
TIAA-CREF SHORT-TERM BOND INDEX FUND (TPSHX)	\$293.60	27	0.23%	N/A	N/A	N/A	-0.19%	-0.39%	0.53%	0.60%	N/A	N/A	N/A	0.52%	8/7/2015	
Gross Expense Ratio		41														
BM: Bloomberg Barclays US 1-3 Yr Govt Credit Index			0.66%				-0.22%	-0.36%	0.81%	0.88%					0.90%	
Fund vs. Bloomberg Barclays US 1-3 Yr Govt Credit Index			-43				3	-3	-28	-28					-38	
PG: Short-Term Bond M*star Category			1.26%				N/A	N/A	N/A	1.80%					N/A	
Fund vs. Short-Term Bond M*star Category			-103				N/A	N/A	N/A	-120					N/A	
PG: Fund % Rank in Short-Term Bond M*star Category			93%				N/A	N/A	N/A	93%					N/A	
PG: # of funds in Short-Term Bond M*star Category			512				N/A	N/A	N/A	514					N/A	
Fund Star Rating			N/A				N/A	N/A	N/A	N/A					N/A	
TIAA-CREF SOCIAL CHOICE BOND FUND (TSBPX)	\$1,628.50	55	1.10%	3.31%	3.04%	N/A	0.00%	-0.17%	4.04%	4.20%	2.74%	3.01%	N/A	3.14%	9/21/2012	
Gross Expense Ratio		55														
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%		2.04%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			103	60	98		13	38	97	99	63	103		110		
PG: Intermediate-Term Bond M*star Category			0.83%	2.51%	2.12%		N/A	N/A	N/A	3.57%	2.05%	1.98%		N/A		
Fund vs. Intermediate-Term Bond M*star Category			27	80	92		N/A	N/A	N/A	63	69	103		N/A		
PG: Fund % Rank in Intermediate-Term Bond M*star Category			35%	9%	11%		N/A	N/A	N/A	28%	13%	7%		N/A		
PG: # of funds in Intermediate-Term Bond M*star Category			985	852	773		N/A	N/A	N/A	981	845	779		N/A		
Fund Star Rating			N/A	*****	****		N/A	N/A	N/A	N/A	****	*****		N/A		
Multi-Asset																
TIAA-CREF LIFECYCLE 2010 FUND (TCTPX) ^[5,8]	\$1,260.40	53	9.18%	5.75%	6.73%	4.76%	0.84%	2.90%	11.77%	12.70%	5.61%	7.00%	4.90%	5.90%	10/15/2004	
Gross Expense Ratio		65													9/30/2009	
BM: Lifecycle 2010 Fund Composite Index			8.03%	5.27%	6.44%	4.79%	0.94%	2.63%	10.28%	11.38%	5.09%	6.80%	4.96%	6.00%		
Fund vs. Lifecycle 2010 Fund Composite Index			115	48	29	-3	-10	27	149	132	52	20	-6	-10		
BM: S&P Target Date 2010 Index			N/A	N/A	N/A	N/A	0.94%	2.58%	9.14%	10.23%	4.68%	5.97%	4.41%	5.00%		
Fund vs. S&P Target Date 2010 Index			N/A	N/A	N/A	N/A	-10	32	263	247	93	103	49	90		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%	4.27%	-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%	3.99%	4.00%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			911	304	467	49	97	345	870	949	350	502	91	190		
PG: Target-Date 2000-2010 M*star Category			7.10%	4.66%	5.51%	3.89%	N/A	N/A	N/A	10.44%	4.50%	5.79%	4.07%	N/A		
Fund vs. Target-Date 2000-2010 M*star Category			208	109	122	87	N/A	N/A	N/A	226	111	121	83	N/A		
PG: Fund % Rank in Target-Date 2000-2010 M*star Category			8%	2%	5%	12%	N/A	N/A	N/A	5%	2%	4%	12%	N/A		
PG: # of funds in Target-Date 2000-2010 M*star Category			108	88	66	54	N/A	N/A	N/A	110	90	69	54	N/A		
Fund Star Rating			N/A	*****	*****	*****	N/A	N/A	N/A	N/A	*****	*****	*****	N/A		
TIAA-CREF LIFECYCLE 2015 FUND (TCFPX) ^[5,8]	\$1,970.20	54	10.25%	6.14%	7.37%	4.79%	0.96%	3.24%	12.90%	13.87%	6.05%	7.68%	4.97%	6.13%	10/15/2004	
Gross Expense Ratio		66													9/30/2009	
BM: Lifecycle 2015 Fund Composite Index			8.97%	5.65%	7.10%	4.82%	1.07%	3.00%	11.27%	12.50%	5.50%	7.52%	5.06%	6.00%		
Fund vs. Lifecycle 2015 Fund Composite Index			128	49	27	-3	-11	24	163	137	55	16	-9	13		
BM: S&P Target Date 2015 Index			N/A	N/A	N/A	N/A	1.10%	3.05%	10.52%	11.87%	5.35%	7.07%	4.80%	6.00%		
Fund vs. S&P Target Date 2015 Index			N/A	N/A	N/A	N/A	-14	19	238	200	70	61	17	13		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%	4.27%	-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%	3.99%	4.00%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			1018	343	531	52	109	379	983	1066	394	570	98	213		
PG: Target-Date 2015 M*star Category			8.05%	5.01%	6.23%	4.08%	N/A	N/A	N/A	11.63%	4.84%	6.53%	4.31%	N/A		
Fund vs. Target-Date 2015 M*star Category			220	113	114	71	N/A	N/A	N/A	224	121	115	66	N/A		
PG: Fund % Rank in Target-Date 2015 M*star Category			9%	4%	11%	22%	N/A	N/A	N/A	13%	5%	12%	22%	N/A		
PG: # of funds in Target-Date 2015 M*star Category			121	90	64	32	N/A	N/A	N/A	119	89	65	32	N/A		
Fund Star Rating			N/A	*****	****	****	N/A	N/A	N/A	N/A	*****	****	****	N/A		
TIAA-CREF LIFECYCLE 2020 FUND (TCWPX) ^[5,9]	\$3,797.90	55	11.57%	6.67%	8.20%	4.86%	1.12%	3.72%	14.44%	15.45%	6.59%	8.57%	5.12%	6.36%	10/15/2004	
Gross Expense Ratio		66													9/30/2009	
BM: Lifecycle 2020 Fund Composite Index			10.29%	6.15%	7.95%	4.92%	1.24%	3.49%	12.61%	14.01%	6.04%	8.44%	5.24%	6.00%		
Fund vs. Lifecycle 2020 Fund Composite Index			128	52	25	-6	-12	23	183	144	55	13	-12	36		
BM: S&P Target Date 2020 Index			N/A	N/A	N/A	N/A	1.27%	3.55%	11.87%	13.43%	5.95%	8.04%	5.09%	6.00%		
Fund vs. S&P Target Date 2020 Index			N/A	N/A	N/A	N/A	-15	17	257	202	64	53	3	36		
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	9.00%		
Fund vs. Russell 3000 Index			-714	-407	-603	-271	-192	-413	-549	-682	-416	-706	-331	-264		
PG: Target-Date 2020 M*star Category			8.92%	5.22%	6.40%	4.12%	N/A	N/A	N/A	12.80%	5.10%	6.80%	4.39%	N/A		
Fund vs. Target-Date 2020 M*star Category			265	145	180	74	N/A	N/A	N/A	265	149	177	73	N/A		
PG: Fund % Rank in Target-Date 2020 M*star Category			10%	4%	6%	19%	N/A	N/A	N/A	8%	4%	6%	24%	N/A		
PG: # of funds in Target-Date 2020 M*star Category			239	188	155	89	N/A	N/A	N/A	231	182	150	84	N/A		
Fund Star Rating			N/A	*****	*****	****	N/A	N/A	N/A	N/A	*****	*****	****	N/A		
TIAA-CREF LIFECYCLE 2025 FUND (TCQPX) ^[5,9]	\$4,253.80	56	13.28%	7.19%	9.06%	4.92%	1.28%	4.34%	16.07%	17.37%	7.17%	9.50%	5.25%	6.58%	10/15/2004	
Gross Expense Ratio		67													9/30/2009	
BM: Lifecycle 2025 Fund Composite Index			11.83%	6.71%	8.83%	5.03%	1.44%	4.08%	14.18%	15.79%	6.66%	9.42%	5.43%	7.00%		
Fund vs. Lifecycle 2025 Fund Composite Index			145	48	23	-11	-16	26	189	158	51	8	-18	-42		
BM: S&P Target Date 2025 Index			N/A	N/A	N/A	N/A	1.50%	4.25%	13.50%	15.26%	6.59%	8.91%	5.32%	7.00%		
Fund vs. S&P Target Date 2025 Index			N/A	N/A	N/A	N/A	-22	9	257	211	58	59	-7	-42		
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	9.00%		
Fund vs. Russell 3000 Index			-543	-355	-517	-265	-176	-351	-386	-490	-358	-613	-318	-242		
PG: Target-Date 2025 M*star Category			10.85%	5.92%	7.54%	4.42%	N/A	N/A	N/A	15.08%	5.86%	8.03%	4.79%	N/A		
Fund vs. Target-Date 2025 M*star Category			243	127	152	50	N/A	N/A	N/A	229	131	147	46	N/A		
PG: Fund % Rank in Target-Date 2025 M*star Category			7%	3%	8%	26%	N/A	N/A	N/A	7%	3%	8%	24%	N/A		
PG: # of funds in Target-Date 2025 M*star Category			210	162	124	57	N/A	N/A	N/A	205	159	131	57	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 November 30, 2017
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 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 LIFECYCLE 2030 FUND (TCHPX) [5,9]	\$4,180.40	57	14.84%	7.71%	9.87%	4.94%	1.55%	4.99%	17.86%	19.28%	7.78%	10.41%	5.34%	6.75%	10/15/2004	
Gross Expense Ratio		68													9/30/2009	
BM: Lifecycle 2030 Fund Composite Index			13.99%	7.26%	9.71%	5.11%	1.65%	4.68%	15.77%	17.59%	7.28%	10.39%	5.60%	7.00%		
Fund vs. Lifecycle 2030 Fund Composite Index			145	45	16	-17	-10	31	209	169	50	2	-26	-25		
BM: S&P Target Date 2030 Index			N/A	N/A	N/A	N/A	1.73%	4.95%	15.03%	16.98%	7.19%	9.75%	5.49%	7.00%		
Fund vs. S&P Target Date 2030 Index			N/A	N/A	N/A	N/A	-18	4	283	230	59	66	-15	-25		
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	9.00%		
Fund vs. Russell 3000 Index			-387	-303	-436	-263	-149	-286	-207	-299	-297	-522	-309	-225		
PG: Target-Date 2030 M*star Category			12.52%	6.49%	8.23%	4.45%	N/A	N/A	N/A	17.05%	6.52%	8.83%	4.94%	N/A		
Fund vs. Target-Date 2030 M*star Category			232	122	164	49	N/A	N/A	N/A	223	126	158	40	N/A		
PG: Fund % Rank in Target-Date 2030 M*star Category			11%	4%	9%	31%	N/A	N/A	N/A	10%	6%	8%	32%	N/A		
PG: # of funds in Target-Date 2030 M*star Category			239	188	155	89	N/A	N/A	N/A	231	182	150	84	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]	\$4,246.10	58	16.49%	8.20%	10.63%	5.17%	1.70%	5.57%	19.56%	21.11%	8.32%	11.24%	5.61%	7.09%	10/15/2004	
Gross Expense Ratio		69													9/30/2009	
BM: Lifecycle 2035 Fund Composite Index			14.98%	7.75%	10.52%	5.38%	1.85%	5.28%	17.32%	19.35%	7.84%	11.29%	5.93%	7.00%		
Fund vs. Lifecycle 2035 Fund Composite Index			151	45	11	-21	-15	29	224	176	48	-5	-32	9		
BM: S&P Target Date 2035 Index			N/A	N/A	N/A	N/A	1.92%	5.58%	16.51%	18.64%	7.77%	10.48%	5.65%	7.00%		
Fund vs. S&P Target Date 2035 Index			N/A	N/A	N/A	N/A	-22	-1	305	247	55	76	-4	9		
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	9.00%		
Fund vs. Russell 3000 Index			-222	-254	-360	-240	-134	-228	-37	-116	-243	-439	-282	-191		
PG: Target-Date 2035 M*star Category			14.35%	7.03%	9.12%	4.73%	N/A	N/A	N/A	19.04%	7.12%	9.81%	5.22%	N/A		
Fund vs. Target-Date 2035 M*star Category			214	117	151	44	N/A	N/A	N/A	207	120	143	39	N/A		
PG: Fund % Rank in Target-Date 2035 M*star Category			12%	6%	6%	25%	N/A	N/A	N/A	11%	8%	7%	27%	N/A		
PG: # of funds in Target-Date 2035 M*star Category			210	162	124	57	N/A	N/A	N/A	205	159	131	57	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]	\$5,272.20	59	18.04%	8.64%	11.16%	5.44%	1.94%	6.26%	21.35%	22.96%	8.86%	11.86%	5.92%	7.48%	10/15/2004	
Gross Expense Ratio		70													9/30/2009	
BM: Lifecycle 2040 Fund Composite Index			16.58%	8.21%	11.11%	5.68%	2.05%	5.88%	18.86%	21.10%	8.39%	11.97%	6.26%	8.00%		
Fund vs. Lifecycle 2040 Fund Composite Index			146	43	5	-24	-11	38	249	186	47	-11	-34	-52		
BM: S&P Target Date 2040 Index			N/A	N/A	N/A	N/A	2.08%	6.04%	17.53%	19.79%	8.17%	10.99%	5.78%	7.00%		
Fund vs. S&P Target Date 2040 Index			N/A	N/A	N/A	N/A	-14	22	382	317	69	87	14	48		
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	9.00%		
Fund vs. Russell 3000 Index			-67	-210	-307	-213	-110	-159	142	69	-189	-377	-243	-152		
PG: Target-Date 2040 M*star Category			15.27%	7.31%	9.41%	4.73%	N/A	N/A	N/A	20.15%	7.44%	10.16%	5.29%	N/A		
Fund vs. Target-Date 2040 M*star Category			277	133	175	71	N/A	N/A	N/A	281	142	170	63	N/A		
PG: Fund % Rank in Target-Date 2040 M*star Category			3%	5%	6%	26%	N/A	N/A	N/A	5%	4%	7%	24%	N/A		
PG: # of funds in Target-Date 2040 M*star Category			239	188	155	89	N/A	N/A	N/A	231	182	150	84	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF LIFECYCLE 2045 FUND (TFPPX) [5,9]	\$2,658.90	60	18.71%	8.88%	11.29%	N/A	1.97%	6.52%	22.02%	23.71%	9.15%	12.04%	5.85%	5.85%	11/30/2007	
Gross Expense Ratio		72													9/30/2009	
BM: Lifecycle 2045 Fund Composite Index			17.28%	8.48%	11.28%		2.16%	6.21%	19.61%	21.94%	8.74%	12.19%	6.36%	6.00%		
Fund vs. Lifecycle 2045 Fund Composite Index			143	40	1		-19	31	241	177	41	-15	-51	-15		
BM: S&P Target Date 2045 Index			N/A	N/A	N/A		2.14%	6.25%	18.18%	20.53%	8.43%	11.37%	5.81%	6.00%		
Fund vs. S&P Target Date 2045 Index			N/A	N/A	N/A		-17	27	384	318	72	67	4	-15		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	8.00%		
Fund vs. Russell 3000 Index			0	-186	-294		-107	-133	209	144	-160	-359	-258	-215		
PG: Target-Date 2045 M*star Category			16.14%	7.57%	9.82%		N/A	N/A	N/A	21.14%	7.73%	10.61%	5.46%	N/A		
Fund vs. Target-Date 2045 M*star Category			257	131	147		N/A	N/A	N/A	257	142	143	39	N/A		
PG: Fund % Rank in Target-Date 2045 M*star Category			2%	2%	6%		N/A	N/A	N/A	1%	1%	7%	32%	N/A		
PG: # of funds in Target-Date 2045 M*star Category			210	162	123		N/A	N/A	N/A	205	159	130	57	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]	\$1,706.60	60	19.00%	8.98%	11.35%	N/A	2.04%	6.66%	22.34%	24.08%	9.27%	12.12%	5.86%	5.86%	11/30/2007	
Gross Expense Ratio		72													9/30/2009	
BM: Lifecycle 2050 Fund Composite Index			17.53%	8.60%	11.35%		2.19%	6.30%	19.85%	22.22%	8.87%	12.27%	6.41%	6.00%		
Fund vs. Lifecycle 2050 Fund Composite Index			147	38	0		-15	36	249	186	40	-15	-55	-14		
BM: S&P Target Date 2050 Index			N/A	N/A	N/A		2.21%	6.44%	18.77%	21.21%	8.66%	11.72%	5.96%	6.00%		
Fund vs. S&P Target Date 2050 Index			N/A	N/A	N/A		-17	22	357	287	61	40	-10	-14		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	8.00%		
Fund vs. Russell 3000 Index			29	-176	-288		-100	-119	241	181	-148	-351	-257	-214		
PG: Target-Date 2050 M*star Category			16.18%	7.63%	9.81%		N/A	N/A	N/A	21.29%	7.80%	10.62%	5.51%	N/A		
Fund vs. Target-Date 2050 M*star Category			282	135	154		N/A	N/A	N/A	279	147	150	35	N/A		
PG: Fund % Rank in Target-Date 2050 M*star Category			1%	4%	5%		N/A	N/A	N/A	1%	1%	6%	37%	N/A		
PG: # of funds in Target-Date 2050 M*star Category			232	180	144		N/A	N/A	N/A	227	177	144	52	N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****	***	N/A		
TIAA-CREF LIFECYCLE 2055 FUND (TTRPX) [9]	\$477.90	60	19.18%	9.07%	11.40%	N/A	2.08%	6.75%	22.60%	24.26%	9.40%	12.20%	N/A	9.45%	4/29/2011	
Gross Expense Ratio		76														
BM: Lifecycle 2055 Fund Composite Index			17.79%	8.72%	11.42%		2.23%	6.40%	20.09%	22.50%	9.01%	12.36%		9.74%		
Fund vs. Lifecycle 2055 Fund Composite Index			139	35	-2		-15	35	251	176	39	-16		-29		
BM: S&P Target Date 2055 Index			N/A	N/A	N/A		2.21%	6.50%	19.05%	21.54%	8.77%	11.95%		9.16%		
Fund vs. S&P Target Date 2055 Index			N/A	N/A	N/A		-13	25	355	272	63	25		29		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		12.65%		
Fund vs. Russell 3000 Index			47	-167	-283		-96	-110	267	199	-135	-343		-320		
PG: Target-Date 2055 M*star Category			16.60%	7.82%	10.21%		N/A	N/A	N/A	21.66%	8.02%	11.03%		N/A		
Fund vs. Target-Date 2055 M*star Category			258	125	119		N/A	N/A	N/A	260	138	117		N/A		
PG: Fund % Rank in Target-Date 2055 M*star Category			1%	2%	7%		N/A	N/A	N/A	1%	1%	8%		N/A		
PG: # of funds in Target-Date 2055 M*star Category			208	149	92		N/A	N/A	N/A	203	149	100		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 November 30, 2017
 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		
	11/30/17		10/01/16	10/01/14	10/01/12	10/01/07	11/01/17	09/01/17	01/01/17	12/01/16	12/01/14	12/01/12	12/01/07	11/30/17	Inc. Date	
TIAA-CREF LIFECYCLE 2060 FUND (TLXPX) [9]	\$62.10	60	19.38%	9.17%	N/A	N/A	2.04%	6.77%	22.75%	24.47%	9.47%	N/A	N/A	9.83%	9/26/2014	
Gross Expense Ratio		135														
BM: Lifecycle 2060 Fund Composite Index			18.04%	8.84%			2.26%	6.50%	20.34%	22.78%	9.15%			9.55%		
Fund vs. Lifecycle 2060 Fund Composite Index			134	33			-22	27	241	169	32			28		
BM: S&P Target Date 2060+ Index			N/A	N/A			2.26%	6.61%	19.31%	21.84%	8.85%			9.16%		
Fund vs. S&P Target Date 2060+ Index			N/A	N/A			-22	16	344	263	62			67		
BM: Russell 3000 Index			18.71%	10.74%			3.04%	7.85%	19.93%	22.27%	10.75%			11.68%		
Fund vs. Russell 3000 Index			67	-157			-100	-108	282	220	-128			-185		
PG: Target-Date 2060+ M*star Category			16.85%	8.27%			N/A	N/A	N/A	21.86%	8.41%			N/A		
Fund vs. Target-Date 2060+ M*star Category			253	90			N/A	N/A	N/A	261	106			N/A		
PG: Fund % Rank in Target-Date 2060+ M*star Category			2%	6%			N/A	N/A	N/A	2%	3%			N/A		
PG: # of funds in Target-Date 2060+ M*star Category			148	34			N/A	N/A	N/A	148	40			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]	\$346.90	25	7.64%	5.13%	6.24%	N/A	0.86%	2.49%	10.22%	11.15%	4.90%	6.58%	N/A	7.18%	9/30/2009	
Gross Expense Ratio		41														
BM: Lifecycle Index 2010 Composite Benchmark			8.04%	5.36%	6.51%		0.93%	2.62%	10.35%	11.46%	5.14%	6.86%		7.48%		
Fund vs. Lifecycle Index 2010 Composite Benchmark			-40	-23	-27		-7	-13	-13	-31	-24	-28		-30		
BM: S&P Target Date 2010 Index			N/A	N/A	N/A		0.94%	2.58%	9.14%	10.23%	4.68%	5.97%		6.56%		
Fund vs. S&P Target Date 2010 Index			N/A	N/A	N/A		-8	-9	108	92	22	61		62		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%		3.51%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			757	242	418		99	304	715	794	279	460		367		
PG: Target-Date 2000-2010 M*star Category			7.10%	4.66%	5.51%		N/A	N/A	N/A	10.44%	4.50%	5.79%		N/A		
Fund vs. Target-Date 2000-2010 M*star Category			54	47	73		N/A	N/A	N/A	71	40	79		N/A		
PG: Fund % Rank in Target-Date 2000-2010 M*star Category			38%	22%	26%		N/A	N/A	N/A	31%	23%	21%		N/A		
PG: # of funds in Target-Date 2000-2010 M*star Category			108	88	66		N/A	N/A	N/A	110	90	69		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]	\$673.80	25	8.64%	5.52%	6.88%	N/A	1.02%	2.85%	11.21%	12.33%	5.32%	7.29%	N/A	7.70%	9/30/2009	
Gross Expense Ratio		39														
BM: Lifecycle Index 2015 Composite Benchmark			8.98%	5.74%	7.16%		1.06%	2.98%	11.35%	12.58%	5.55%	7.57%		8.01%		
Fund vs. Lifecycle Index 2015 Composite Benchmark			-34	-22	-28		-4	-13	-14	-25	-23	-28		-31		
BM: S&P Target Date 2015 Index			N/A	N/A	N/A		1.10%	3.05%	10.52%	11.87%	5.35%	7.07%		7.45%		
Fund vs. S&P Target Date 2015 Index			N/A	N/A	N/A		-8	-20	69	46	-3	22		25		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%		3.51%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			857	281	482		115	340	814	912	321	531		419		
PG: Target-Date 2015 M*star Category			8.05%	5.01%	6.23%		N/A	N/A	N/A	11.63%	4.84%	6.53%		N/A		
Fund vs. Target-Date 2015 M*star Category			59	51	65		N/A	N/A	N/A	70	48	76		N/A		
PG: Fund % Rank in Target-Date 2015 M*star Category			47%	28%	32%		N/A	N/A	N/A	35%	27%	26%		N/A		
PG: # of funds in Target-Date 2015 M*star Category			121	90	64		N/A	N/A	N/A	119	89	65		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]	\$1,467.60	25	9.97%	6.01%	7.74%	N/A	1.15%	3.34%	12.53%	13.80%	5.84%	8.20%	N/A	8.34%	9/30/2009	
Gross Expense Ratio		37														
BM: Lifecycle Index 2020 Composite Benchmark			10.31%	6.22%	7.99%		1.23%	3.47%	12.70%	14.11%	6.09%	8.49%		8.65%		
Fund vs. Lifecycle Index 2020 Composite Benchmark			-34	-21	-25		-8	-13	-17	-31	-25	-29		-31		
BM: S&P Target Date 2020 Index			N/A	N/A	N/A		1.27%	3.55%	11.87%	13.43%	5.95%	8.04%		8.21%		
Fund vs. S&P Target Date 2020 Index			N/A	N/A	N/A		-12	-21	66	37	-11	16		13		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.28%		
Fund vs. Russell 3000 Index			-874	-473	-649		-189	-451	-740	-847	-491	-743		-594		
PG: Target-Date 2020 M*star Category			8.92%	5.22%	6.40%		N/A	N/A	N/A	12.80%	5.10%	6.80%		N/A		
Fund vs. Target-Date 2020 M*star Category			105	79	134		N/A	N/A	N/A	100	74	140		N/A		
PG: Fund % Rank in Target-Date 2020 M*star Category			37%	22%	14%		N/A	N/A	N/A	36%	23%	14%		N/A		
PG: # of funds in Target-Date 2020 M*star Category			239	188	155		N/A	N/A	N/A	231	182	150		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]	\$1,671.60	25	11.50%	6.57%	8.60%	N/A	1.33%	3.91%	14.17%	15.60%	6.49%	9.18%	N/A	9.03%	9/30/2009	
Gross Expense Ratio		37														
BM: Lifecycle Index 2025 Composite Benchmark			11.85%	6.78%	8.87%		1.43%	4.06%	14.28%	15.90%	6.71%	9.46%		9.32%		
Fund vs. Lifecycle Index 2025 Composite Benchmark			-35	-21	-27		-10	-15	-11	-30	-22	-28		-29		
BM: S&P Target Date 2025 Index			N/A	N/A	N/A		1.50%	4.25%	13.50%	15.26%	6.59%	8.91%		8.88%		
Fund vs. S&P Target Date 2025 Index			N/A	N/A	N/A		-17	-34	67	34	-10	27		15		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.28%		
Fund vs. Russell 3000 Index			-721	-417	-563		-171	-394	-576	-667	-426	-645		-525		
PG: Target-Date 2025 M*star Category			10.85%	5.92%	7.54%		N/A	N/A	N/A	15.08%	5.86%	8.03%		N/A		
Fund vs. Target-Date 2025 M*star Category			65	65	106		N/A	N/A	N/A	52	63	115		N/A		
PG: Fund % Rank in Target-Date 2025 M*star Category			47%	26%	23%		N/A	N/A	N/A	46%	21%	17%		N/A		
PG: # of funds in Target-Date 2025 M*star Category			210	162	124		N/A	N/A	N/A	205	159	131		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]	\$1,728.70	25	13.05%	7.12%	9.47%	N/A	1.54%	4.54%	15.77%	17.40%	7.12%	10.14%	N/A	9.71%	9/30/2009	
Gross Expense Ratio		36														
BM: Lifecycle Index 2030 Composite Benchmark			13.41%	7.32%	9.73%		1.63%	4.65%	15.88%	17.72%	7.33%	10.42%		10.00%		
Fund vs. Lifecycle Index 2030 Composite Benchmark			-36	-20	-26		-9	-11	-11	-32	-21	-28		-29		
BM: S&P Target Date 2030 Index			N/A	N/A	N/A		1.73%	4.95%	15.03%	16.98%	7.19%	9.75%		9.47%		
Fund vs. S&P Target Date 2030 Index			N/A	N/A	N/A		-19	-41	74	42	-7	39		24		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.28%		
Fund vs. Russell 3000 Index			-566	-362	-476		-150	-331	-416	-487	-363	-549		-457		
PG: Target-Date 2030 M*star Category			12.52%	6.49%	8.23%		N/A	N/A	N/A	17.05%	6.52%	8.83%		N/A		
Fund vs. Target-Date 2030 M*star Category			53	63	124		N/A	N/A	N/A	35	60	131		N/A		
PG: Fund % Rank in Target-Date 2030 M*star Category			49%	28%	19%		N/A	N/A	N/A	53%	26%	16%		N/A		
PG: # of funds in Target-Date 2030 M*star Category			239	188	155		N/A	N/A	N/A	231	182	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 November 30, 2017
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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.	
10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17	11/30/17 to 11/30/17	11/30/17 to 11/30/17	Date			
TIAA-CREF LIFECYCLE INDEX RETIREMENT INCOME FUND (TLIPX) [8]	\$174.80	25	7.11%	4.86%	5.58%	N/A	0.77%	2.29%	9.57%	10.42%	4.60%	5.87%	N/A	6.64%	9/30/2009	
Gross Expense Ratio		51														
BM: Lifecycle Index Retirement Income Composite Benchmark			7.42%	5.10%	5.87%		0.87%	2.41%	9.74%	10.76%	4.88%	6.18%		6.96%		
Fund vs. Lifecycle Index Retirement Income Composite Benchmark			-31	-24	-29		-10	-12	-17	-34	-28	-31		-32		
BM: S&P Target Date Retirement Income Index			N/A	N/A	N/A		0.81%	2.18%	7.80%	8.65%	4.03%	4.84%		5.64%		
Fund vs. S&P Target Date Retirement Income Index			N/A	N/A	N/A		-4	11	177	177	57	103		100		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%		3.51%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			704	215	352		90	284	650	721	249	389		313		
PG: Target-Date Retirement M*star Category			5.83%	3.87%	4.22%		N/A	N/A	N/A	8.93%	3.67%	4.43%		N/A		
Fund vs. Target-Date Retirement M*star Category			128	99	136		N/A	N/A	N/A	149	93	144		N/A		
PG: Fund % Rank in Target-Date Retirement M*star Category			22%	11%	11%		N/A	N/A	N/A	24%	13%	12%		N/A		
PG: # of funds in Target-Date Retirement M*star Category			178	144	125		N/A	N/A	N/A	172	140	122		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFECYCLE RETIREMENT INCOME FUND (TPIIX) [8,8]	\$520.00	53	8.61%	5.43%	6.11%	N/A	0.76%	2.60%	11.07%	11.97%	5.34%	6.34%	5.02%	5.02%	11/30/2007	
Gross Expense Ratio		69													9/30/2009	
BM: Lifecycle Retirement Income Fund Composite Index			7.41%	5.01%	5.79%		0.88%	2.43%	9.68%	10.69%	4.84%	6.11%	5.11%	5.00%		
Fund vs. Lifecycle Retirement Income Fund Composite Index			120	42	32		-12	17	139	128	50	23	-9	2		
BM: S&P Target Date Retirement Income Index			N/A	N/A	N/A		0.81%	2.18%	7.80%	8.65%	4.03%	4.84%	3.99%	4.00%		
Fund vs. S&P Target Date Retirement Income Index			N/A	N/A	N/A		-5	42	327	332	131	150	103	102		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%	3.99%	4.00%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			854	272	405		89	315	800	876	323	436	103	102		
PG: Target-Date Retirement M*star Category			5.83%	3.87%	4.22%		N/A	N/A	N/A	8.93%	3.67%	4.43%	3.98%	N/A		
Fund vs. Target-Date Retirement M*star Category			278	156	189		N/A	N/A	N/A	304	167	191	104	N/A		
PG: Fund % Rank in Target-Date Retirement M*star Category			3%	1%	2%		N/A	N/A	N/A	7%	1%	3%	9%	N/A		
PG: # of funds in Target-Date Retirement M*star Category			178	144	125		N/A	N/A	N/A	172	140	122	73	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]	\$92.10	71	20.35%	9.36%	12.28%	N/A	2.10%	7.04%	23.84%	25.60%	9.56%	12.97%	N/A	13.45%	12/9/2011	
Gross Expense Ratio		102														
BM: Lifestyle Aggressive Composite Benchmark			19.15%	8.99%	12.08%		2.40%	6.92%	21.41%	24.00%	9.32%	13.08%		13.32%		
Fund vs. Lifestyle Aggressive Composite Benchmark			120	37	20		-30	12	243	160	24	-11		13		
BM: Morningstar Aggressive Target Risk TR USD			17.79%	8.19%	10.87%		2.22%	6.40%	20.15%	22.53%	8.72%	11.74%		12.06%		
Fund vs. Morningstar Aggressive Target Risk TR USD			256	117	141		-12	64	369	307	84	123		139		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		15.62%		
Fund vs. Russell 3000 Index			164	-138	-195		-94	-81	391	333	-119	-266		-217		
PG: Allocation--85%+ Equity M*star Category			16.02%	7.40%	10.73%		N/A	N/A	N/A	19.30%	7.35%	11.55%		N/A		
Fund vs. Allocation--85%+ Equity M*star Category			433	196	155		N/A	N/A	N/A	630	221	142		N/A		
PG: Fund % Rank in Allocation--85%+ Equity M*star Category			1%	3%	4%		N/A	N/A	N/A	2%	1%	4%		N/A		
PG: # of funds in Allocation--85%+ Equity M*star Category			178	156	131		N/A	N/A	N/A	185	160	132		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFESTYLE CONSERVATIVE FUND (TLPX) [10]	\$211.30	61	8.80%	5.44%	6.28%	N/A	0.79%	2.68%	11.23%	12.02%	5.32%	6.48%	N/A	7.17%	12/9/2011	
Gross Expense Ratio		75														
BM: Lifestyle Conservative Composite Benchmark			7.50%	4.98%	5.84%		0.86%	2.43%	9.61%	10.62%	4.82%	6.17%		6.54%		
Fund vs. Lifestyle Conservative Composite Benchmark			130	46	44		-7	25	162	140	50	31		63		
BM: Morningstar Moderately Conservative Target Risk TR USD			7.29%	4.82%	5.48%		0.87%	2.44%	9.94%	10.94%	4.86%	5.81%		6.41%		
Fund vs. Morningstar Moderately Conservative Target Risk TR USD			151	62	80		-8	24	129	108	46	67		76		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%		2.51%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			873	273	422		92	323	816	881	321	460		466		
PG: Allocation--30% to 50% Equity M*star Category			7.04%	4.06%	5.30%		N/A	N/A	N/A	10.23%	4.06%	5.72%		N/A		
Fund vs. Allocation--30% to 50% Equity M*star Category			176	138	98		N/A	N/A	N/A	179	126	76		N/A		
PG: Fund % Rank in Allocation--30% to 50% Equity M*star Category			16%	11%	22%		N/A	N/A	N/A	19%	13%	26%		N/A		
PG: # of funds in Allocation--30% to 50% Equity M*star Category			502	395	356		N/A	N/A	N/A	510	414	370		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFESTYLE GROWTH FUND (TSGPX) [11]	\$136.80	68	16.51%	8.23%	10.41%	N/A	1.66%	5.59%	19.85%	21.25%	8.31%	10.93%	N/A	11.55%	12/9/2011	
Gross Expense Ratio		89														
BM: Lifestyle Growth Composite Benchmark			15.11%	7.80%	10.10%		1.89%	5.40%	17.53%	19.57%	7.95%	10.86%		11.18%		
Fund vs. Lifestyle Growth Composite Benchmark			140	43	31		-23	19	232	168	36	7		37		
BM: Morningstar Moderately Aggressive Target Risk TR USD			14.90%	7.25%	9.39%		1.85%	5.25%	17.30%	19.32%	7.65%	10.11%		10.52%		
Fund vs. Morningstar Moderately Aggressive Target Risk TR USD			161	98	102		-19	34	255	193	66	82		103		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		15.62%		
Fund vs. Russell 3000 Index			-220	-251	-382		-138	-226	-8	-102	-244	-470		-407		
PG: Allocation--70% to 85% Equity M*star Category			12.84%	6.01%	8.87%		N/A	N/A	N/A	16.20%	5.87%	9.54%		N/A		
Fund vs. Allocation--70% to 85% Equity M*star Category			367	222	154		N/A	N/A	N/A	505	244	139		N/A		
PG: Fund % Rank in Allocation--70% to 85% Equity M*star Category			10%	7%	12%		N/A	N/A	N/A	7%	5%	16%		N/A		
PG: # of funds in Allocation--70% to 85% Equity M*star Category			359	319	284		N/A	N/A	N/A	351	317	277		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFESTYLE INCOME FUND (TSIPX) [10]	\$68.70	58	5.00%	3.84%	4.02%	N/A	0.36%	1.33%	6.93%	7.41%	3.65%	4.05%	N/A	4.72%	12/9/2011	
Gross Expense Ratio		88														
BM: Lifestyle Income Composite Benchmark			3.92%	3.36%	3.59%		0.34%	0.99%	5.60%	6.13%	3.09%	3.70%		4.07%		
Fund vs. Lifestyle Income Composite Benchmark			108	48	43		2	34	133	128	56	35		65		
BM: Morningstar Conservative Target Risk TR USD			3.56%	3.23%	3.17%		0.42%	0.98%	6.40%	6.93%	3.15%	3.31%		4.03%		
Fund vs. Morningstar Conservative Target Risk TR USD			144	61	85		-6	35	53	48	50	74		69		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%		2.51%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			493	113	196		49	188	386	420	154	207		221		
PG: Allocation--15% to 30% Equity M*star Category			4.46%	2.92%	3.33%		N/A	N/A	N/A	6.61%	2.80%	3.37%		N/A		
Fund vs. Allocation--15% to 30% Equity M*star Category			54	92	69		N/A	N/A	N/A	80	85	68		N/A		
PG: Fund % Rank in Allocation--15% to 30% Equity M*star Category			36%	28%	40%		N/A	N/A	N/A	40%	23%	41%		N/A		
PG: # of funds in Allocation--15% to 30% Equity M*star Category			201	175	149		N/A	N/A	N/A	200	177	152		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 November 30, 2017
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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
TIAA-CREF LIFESTYLE MODERATE FUND (TSMFX) [11]	\$307.70	65	12.59%	7.08%	8.57%	N/A	1.27%	4.11%	15.79%	16.83%	7.02%	8.94%	N/A	9.66%	12/9/2011
Gross Expense Ratio		76													
BM: Lifestyle Moderate Composite Benchmark			11.19%	6.58%	8.10%		1.39%	3.89%	13.76%	15.28%	6.54%	8.64%		9.02%	
Fund vs. Lifestyle Moderate Composite Benchmark			140	50	47		-12	22	203	155	48	30		64	
BM: Morningstar Moderate Target Risk TR USD			10.95%	6.04%	7.44%		1.36%	3.81%	13.42%	14.91%	6.23%	7.96%		8.49%	
Fund vs. Morningstar Moderate Target Risk TR USD			164	104	113		-9	30	237	192	79	98		117	
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		15.62%	
Fund vs. Russell 3000 Index			-612	-366	-566		-177	-374	-414	-544	-373	-669		-596	
PG: Allocation--50% to 70% Equity M*star Category			10.52%	5.38%	7.51%		N/A	N/A	N/A	13.56%	5.32%	8.03%		N/A	
Fund vs. Allocation--50% to 70% Equity M*star Category			207	170	106		N/A	N/A	N/A	327	170	91		N/A	
PG: Fund % Rank in Allocation--50% to 70% Equity M*star Category			18%	16%	30%		N/A	N/A	N/A	11%	14%	34%		N/A	
PG: # of funds in Allocation--50% to 70% Equity M*star Category			821	725	664		N/A	N/A	N/A	820	719	668		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) [3,5,6]	\$877.60	29	0.42%	0.17%	0.10%	0.50%	0.06%	0.20%	0.52%	0.54%	0.21%	0.13%	0.43%	1.87%	7/1/1999
Gross Expense Ratio		29													9/30/2009
BM: iMoneyNet Money Fund AveragesTM-All Government			0.32%	0.13%	0.08%	0.31%	0.05%	0.16%	0.40%	0.41%	0.16%	0.10%	0.26%	1.51%	
Fund vs. iMoneyNet Money Fund AveragesTM-All Government			10	4	2	19	1	4	12	13	5	3	17	36	
7-Day Effective Yield as of 11/30/2017: 0.75%															
7-Day Current Yield as of 11/30/2017: 0.75%															

MUTUAL FUND TOTALS [1] **\$103,550.40**

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.

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, 2018 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.

[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.

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
RETIREMENT SHARE CLASS

FOR PERIOD ENDING November 30, 2017
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 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		
			10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17	Inc. Date		
U.S. Equities																
TIAA-CREF EQUITY INDEX FUND (TIQRX)^[5]	\$16,203.10	30	18.43%	10.45%	13.91%	7.28%	3.02%	7.75%	19.66%	21.96%	10.47%	15.31%	8.14%	5.85%	7/1/1999	
Gross Expense Ratio		30													3/31/2006	
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	6.00%		
Fund vs. Russell 3000 Index			-28	-29	-32	-29	-2	-10	-27	-31	-28	-32	-29	-15		
PG: Large Blend M*star Category			17.65%	9.03%	12.91%	6.58%	N/A	N/A	N/A	21.06%	9.18%	14.23%	7.42%	N/A		
Fund vs. Large Blend M*star Category			78	142	100	70	N/A	N/A	N/A	90	129	108	72	N/A		
PG: Fund % Rank in Large Blend M*star Category			42%	27%	32%	28%	N/A	N/A	N/A	47%	29%	32%	28%	N/A		
PG: # of funds in Large Blend M*star Category			1396	1218	1083	799	N/A	N/A	N/A	1392	1219	1083	797	N/A		
Fund Star Rating			N/A	****	****	***	N/A	N/A	N/A	N/A	****	****	***	N/A		
TIAA-CREF GROWTH & INCOME FUND (TRGX)^[6,7]	\$6,849.70	67	18.86%	10.46%	13.82%	7.99%	2.54%	8.03%	22.40%	24.06%	10.64%	15.36%	8.52%	6.11%	7/1/1999	
Gross Expense Ratio		67													10/1/2002	
BM: S&P 500 Index			18.61%	10.81%	14.22%	7.44%	3.07%	7.65%	20.49%	22.87%	10.91%	15.74%	8.30%	6.00%		
Fund vs. S&P 500 Index			25	-35	-40	55	-53	38	191	119	-27	-38	22	11		
PG: Large Growth M*star Category			19.75%	10.36%	13.70%	7.55%	N/A	N/A	N/A	27.69%	10.53%	15.25%	8.19%	N/A		
Fund vs. Large Growth M*star Category			-89	10	12	44	N/A	N/A	N/A	-363	11	11	33	N/A		
PG: Fund % Rank in Large Growth M*star Category			60%	53%	51%	42%	N/A	N/A	N/A	75%	52%	52%	44%	N/A		
PG: # of funds in Large Growth M*star Category			1398	1259	1125	800	N/A	N/A	N/A	1371	1226	1110	786	N/A		
Fund Star Rating			N/A	***	***	****	N/A	N/A	N/A	N/A	***	***	***	N/A		
TIAA-CREF LARGE-CAP GROWTH FUND (TILRX)	\$4,902.60	68	22.11%	12.46%	15.99%	8.51%	2.76%	8.24%	33.75%	33.58%	12.58%	17.45%	9.04%	9.59%	3/31/2006	
Gross Expense Ratio		68														
BM: Russell 1000 Growth Index			21.94%	12.69%	15.26%	9.08%	3.04%	8.42%	29.21%	30.81%	13.10%	17.14%	9.87%	10.01%		
Fund vs. Russell 1000 Growth Index			17	-23	73	-57	-28	-18	454	277	-52	31	-83	-42		
PG: Large Growth M*star Category			19.75%	10.36%	13.70%	7.55%	N/A	N/A	N/A	27.69%	10.53%	15.25%	8.19%	N/A		
Fund vs. Large Growth M*star Category			236	210	229	96	N/A	N/A	N/A	589	205	220	85	N/A		
PG: Fund % Rank in Large Growth M*star Category			27%	22%	14%	30%	N/A	N/A	N/A	15%	22%	16%	32%	N/A		
PG: # of funds in Large Growth M*star Category			1398	1259	1125	800	N/A	N/A	N/A	1371	1226	1110	786	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)	\$5,628.40	31	21.52%	12.35%	14.88%	8.74%	3.02%	8.35%	28.82%	30.38%	12.74%	16.77%	9.53%	10.34%	10/1/2002	
Gross Expense Ratio		31														
BM: Russell 1000 Growth Index			21.94%	12.69%	15.26%	9.08%	3.04%	8.42%	29.21%	30.81%	13.10%	17.14%	9.87%	10.74%		
Fund vs. Russell 1000 Growth Index			-42	-34	-38	-34	-2	-7	-39	-43	-36	-37	-34	-40		
PG: Large Growth M*star Category			19.75%	10.36%	13.70%	7.55%	N/A	N/A	N/A	27.69%	10.53%	15.25%	8.19%	N/A		
Fund vs. Large Growth M*star Category			177	199	118	119	N/A	N/A	N/A	269	221	152	134	N/A		
PG: Fund % Rank in Large Growth M*star Category			32%	24%	28%	24%	N/A	N/A	N/A	34%	21%	23%	22%	N/A		
PG: # of funds in Large Growth M*star Category			1398	1259	1125	800	N/A	N/A	N/A	1371	1226	1110	786	N/A		
Fund Star Rating			N/A	****	****	****	N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF LARGE-CAP VALUE FUND (TRLX)	\$7,136.70	66	15.31%	8.07%	12.71%	5.64%	2.21%	5.97%	10.38%	12.48%	7.82%	13.16%	6.30%	9.65%	10/1/2002	
Gross Expense Ratio		66														
BM: Russell 1000 Value Index			15.12%	8.53%	13.20%	5.92%	3.06%	6.89%	12.03%	14.83%	8.35%	14.17%	6.84%	9.72%		
Fund vs. Russell 1000 Value Index			19	-46	-49	-28	-85	-92	-165	-235	-53	-101	-54	-7		
PG: Large Value M*star Category			16.17%	7.99%	12.23%	5.72%	N/A	N/A	N/A	16.55%	8.14%	13.33%	6.59%	N/A		
Fund vs. Large Value M*star Category			-86	8	48	-8	N/A	N/A	N/A	-407	-32	-17	-29	N/A		
PG: Fund % Rank in Large Value M*star Category			63%	52%	43%	55%	N/A	N/A	N/A	89%	61%	59%	60%	N/A		
PG: # of funds in Large Value M*star Category			1269	1108	962	689	N/A	N/A	N/A	1266	1107	966	691	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)	\$6,721.40	31	14.74%	8.22%	12.84%	5.60%	3.02%	6.78%	11.74%	14.45%	8.04%	13.81%	6.52%	9.34%	10/1/2002	
Gross Expense Ratio		31														
BM: Russell 1000 Value Index			15.12%	8.53%	13.20%	5.92%	3.06%	6.89%	12.03%	14.83%	8.35%	14.17%	6.84%	9.72%		
Fund vs. Russell 1000 Value Index			-38	-31	-36	-32	-4	-11	-29	-38	-31	-36	-32	-38		
PG: Large Value M*star Category			16.17%	7.99%	12.23%	5.72%	N/A	N/A	N/A	16.55%	8.14%	13.33%	6.59%	N/A		
Fund vs. Large Value M*star Category			-143	23	61	-12	N/A	N/A	N/A	-210	-10	48	-7	N/A		
PG: Fund % Rank in Large Value M*star Category			69%	49%	38%	56%	N/A	N/A	N/A	76%	57%	45%	54%	N/A		
PG: # of funds in Large Value M*star Category			1269	1108	962	689	N/A	N/A	N/A	1266	1107	966	691	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A		
TIAA-CREF MID-CAP GROWTH FUND (TRGMX)	\$1,637.70	72	17.87%	8.16%	12.17%	7.09%	2.78%	7.72%	25.20%	24.86%	7.95%	13.27%	7.68%	11.46%	10/1/2002	
Gross Expense Ratio		72														
BM: Russell Mid Cap Growth Index			17.82%	9.96%	14.18%	8.20%	3.34%	9.24%	24.60%	25.03%	10.00%	15.59%	9.07%	12.26%		
Fund vs. Russell Mid Cap Growth Index			5	-178	-201	-111	-56	-152	60	-17	-205	-232	-139	-80		
PG: Mid-Cap Growth M*star Category			18.18%	9.13%	12.62%	6.92%	N/A	N/A	N/A	23.75%	9.19%	13.95%	7.65%	N/A		
Fund vs. Mid-Cap Growth M*star Category			-31	-95	-45	17	N/A	N/A	N/A	111	-124	-68	3	N/A		
PG: Fund % Rank in Mid-Cap Growth M*star Category			50%	69%	58%	49%	N/A	N/A	N/A	40%	76%	63%	53%	N/A		
PG: # of funds in Mid-Cap Growth M*star Category			614	563	484	362	N/A	N/A	N/A	613	560	491	365	N/A		
Fund Star Rating			N/A	**	***	***	N/A	N/A	N/A	N/A	**	***	***	N/A		
TIAA-CREF MID-CAP VALUE FUND (TRVRX)	\$4,560.00	66	12.91%	7.74%	12.72%	6.50%	2.35%	6.37%	10.23%	12.04%	7.08%	13.23%	7.12%	11.79%	10/1/2002	
Gross Expense Ratio		66														
BM: Russell Mid Cap Value Index			13.37%	9.19%	14.33%	7.85%	3.38%	7.06%	11.96%	13.95%	8.83%	14.99%	8.84%	12.05%		
Fund vs. Russell Mid Cap Value Index			-46	-145	-161	-135	-103	-69	-173	-191	-175	-176	-172	-26		
PG: Mid-Cap Value M*star Category			14.83%	7.90%	12.71%	6.85%	N/A	N/A	N/A	13.86%	7.97%	13.48%	7.77%	N/A		
Fund vs. Mid-Cap Value M*star Category			-192	-16	1	-35	N/A	N/A	N/A	-182	-89	-25	-65	N/A		
PG: Fund % Rank in Mid-Cap Value M*star Category			71%	64%	63%	59%	N/A	N/A	N/A	73%	72%	69%	68%	N/A		
PG: # of funds in Mid-Cap Value M*star Category			410	363	319	226	N/A	N/A	N/A	406	368	314	222	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	**	***	***	N/A		
TIAA-CREF REAL ESTATE SECURITIES FUND (TRRSX)	\$2,144.30	76	3.84%	10.23%	9.19%	5.42%	3.04%	2.55%	12.22%	16.45%	7.52%	10.33%	6.65%	10.57%	10/1/2002	
Gross Expense Ratio		76														
BM: FTSE NAREIT All Equity REITs Index			2.57%	10.18%	9.97%	6.06%	2.65%	1.97%	8.99%	13.86%	7.22%	10.69%	7.24%	11.07%		
Fund vs. FTSE NAREIT All Equity REITs Index			127	5	-78	-64	39	58	323	259	30	-36	-59	-50		
PG: Real Estate M*star Category			1.78%	8.76%	8.73%	5.13%	N/A	N/A	N/A	10.43%	5.65%	9.39%	6.21%	N/A		
Fund vs. Real Estate M*star Category			206	147	46	29	N/A	N/A	N/A	602	187	94	44	N/A		
PG: Fund % Rank in Real Estate M*star Category			16%	12												

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
RETIREMENT SHARE CLASS

FOR PERIOD ENDING November 30, 2017
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 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	
10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17	11/30/17					
TIAA-CREF S&P 500 INDEX FUND (TRSPX)	\$4,838.10	30	18.24%	10.47%	13.86%	7.11%	3.02%	7.57%	20.15%	22.45%	10.56%	15.38%	7.97%	9.65%	10/1/2002	
Gross Expense Ratio		30														
BM: S&P 500 Index			18.61%	10.81%	14.22%	7.44%	3.07%	7.65%	20.49%	22.87%	10.91%	15.74%	8.30%	10.03%		
Fund vs. S&P 500 Index			-37	-34	-36	-33	-5	-8	-34	-42	-35	-36	-33	-38		
PG: Large Blend M*star Category			17.65%	9.03%	12.91%	6.58%	N/A	N/A	N/A	21.06%	9.18%	14.23%	7.42%	N/A		
Fund vs. Large Blend M*star Category			59	144	95	53	N/A	N/A	N/A	139	138	115	55	N/A		
PG: Fund % Rank in Large Blend M*star Category			48%	27%	34%	37%	N/A	N/A	N/A	36%	27%	29%	35%	N/A		
PG: # of funds in Large Blend M*star Category			1396	1218	1083	799	N/A	N/A	N/A	1392	1219	1083	797	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)	\$2,490.60	31	20.63%	12.16%	13.73%	7.72%	2.90%	10.24%	15.05%	18.24%	11.11%	14.95%	8.62%	11.17%	10/1/2002	
Gross Expense Ratio		31														
BM: Russell 2000 Index			20.74%	12.18%	13.79%	7.85%	2.88%	10.23%	15.11%	18.34%	11.14%	15.02%	8.75%	11.39%		
Fund vs. Russell 2000 Index			-11	-2	-6	-13	2	1	-6	-10	-3	-7	-13	-22		
PG: Small Blend M*star Category			18.91%	10.01%	12.83%	7.19%	N/A	N/A	N/A	16.03%	9.54%	13.75%	8.14%	N/A		
Fund vs. Small Blend M*star Category			172	215	90	53	N/A	N/A	N/A	221	157	120	48	N/A		
PG: Fund % Rank in Small Blend M*star Category			34%	26%	44%	39%	N/A	N/A	N/A	27%	31%	36%	42%	N/A		
PG: # of funds in Small Blend M*star Category			794	653	554	393	N/A	N/A	N/A	797	653	560	397	N/A		
Fund Star Rating			N/A	****	***	***	N/A	N/A	N/A	N/A	***	***	***	N/A		
TIAA-CREF SMALL-CAP EQUITY FUND (TRSEX)	\$3,938.40	67	21.64%	12.82%	14.72%	8.17%	2.72%	9.79%	14.89%	17.87%	11.92%	16.13%	9.22%	11.30%	10/1/2002	
Gross Expense Ratio		67														
BM: Russell 2000 Index			20.74%	12.18%	13.79%	7.85%	2.88%	10.23%	15.11%	18.34%	11.14%	15.02%	8.75%	11.39%		
Fund vs. Russell 2000 Index			90	64	93	32	-16	-44	-22	-47	78	111	47	-9		
PG: Small Growth M*star Category			20.40%	11.15%	13.02%	7.57%	N/A	N/A	N/A	22.34%	10.67%	14.45%	8.38%	N/A		
Fund vs. Small Growth M*star Category			124	167	170	60	N/A	N/A	N/A	-447	125	168	84	N/A		
PG: Fund % Rank in Small Growth M*star Category			32%	29%	23%	36%	N/A	N/A	N/A	79%	30%	24%	32%	N/A		
PG: # of funds in Small Growth M*star Category			674	597	532	399	N/A	N/A	N/A	682	604	539	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) ^[4]	\$695.70	76	19.39%	N/A	N/A	N/A	3.40%	11.15%	18.81%	21.36%	N/A	N/A	N/A	20.41%	8/5/2016	
Gross Expense Ratio		76														
BM: Russell 2500 Index			17.79%				3.29%	9.64%	16.42%	18.68%					18.18%	
Fund vs. Russell 2500 Index			160				11	151	239	268					223	
PG: Small Blend M*star Category			18.91%				N/A	N/A	N/A	16.03%					N/A	
Fund vs. Small Blend M*star Category			48				N/A	N/A	N/A	533					N/A	
PG: Fund % Rank in Small Blend M*star Category			52%				N/A	N/A	N/A	8%					N/A	
PG: # of funds in Small Blend M*star Category			794				N/A	N/A	N/A	797					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]	\$2,978.70	44	18.21%	9.23%	13.60%	7.13%	2.78%	7.77%	19.28%	21.42%	9.51%	14.75%	7.87%	5.55%	7/1/1999	
Gross Expense Ratio		44													10/1/2002	
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	6.00%		
Fund vs. Russell 3000 Index			-50	-151	-63	-44	-26	-8	-65	-85	-124	-88	-56	-45		
PG: Large Blend M*star Category			17.65%	9.03%	12.91%	6.58%	N/A	N/A	N/A	21.06%	9.18%	14.23%	7.42%	N/A		
Fund vs. Large Blend M*star Category			56	20	69	55	N/A	N/A	N/A	36	33	52	45	N/A		
PG: Fund % Rank in Large Blend M*star Category			49%	57%	43%	36%	N/A	N/A	N/A	55%	53%	50%	41%	N/A		
PG: # of funds in Large Blend M*star Category			1396	1218	1083	799	N/A	N/A	N/A	1392	1219	1083	797	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)	\$95.00	57	18.63%	N/A	N/A	N/A	2.57%	7.49%	19.44%	21.75%	N/A	N/A	N/A	12.75%	8/7/2015	
Gross Expense Ratio		57														
BM: Russell 3000 Index			18.71%				3.04%	7.85%	19.93%	22.27%					13.04%	
Fund vs. Russell 3000 Index			-8				-47	-36	-49	-52					-29	
PG: Large Blend M*star Category			17.65%				N/A	N/A	N/A	21.06%					N/A	
Fund vs. Large Blend M*star Category			98				N/A	N/A	N/A	69					N/A	
PG: Fund % Rank in Large Blend M*star Category			34%				N/A	N/A	N/A	50%					N/A	
PG: # of funds in Large Blend M*star Category			1396				N/A	N/A	N/A	1392					N/A	
Fund Star Rating			N/A				N/A	N/A	N/A	N/A					N/A	
Global Equities																
TIAA-CREF GLOBAL NATURAL RESOURCES FUND (TNRXX)	\$42.60	100	4.32%	-3.37%	-2.88%	N/A	0.37%	5.30%	-3.89%	-4.82%	-0.69%	-2.24%	N/A	-1.66%	11/1/2011	
Gross Expense Ratio		104														
BM: MSCI AC World Index Commodity Producers Sec. Cap. Index			18.16%	-0.76%	-0.71%		0.13%	5.20%	13.65%	16.56%	2.14%	0.09%		0.09%		
Fund vs. MSCI AC World Index Commodity Producers Sec. Cap. Index			-1384	-281	-217		24	10	-1754	-2138	-283	-233		-175		
PG: Natural Resources M*star Category			15.26%	-0.52%	1.75%		N/A	N/A	N/A	13.05%	2.56%	2.48%		N/A		
Fund vs. Natural Resources M*star Category			-1094	-285	-463		N/A	N/A	N/A	-1787	-325	-472		N/A		
PG: Fund % Rank in Natural Resources M*star Category			79%	67%	71%		N/A	N/A	N/A	92%	68%	71%		N/A		
PG: # of funds in Natural Resources M*star Category			137	128	115		N/A	N/A	N/A	137	128	117		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)	\$1,441.00	119	29.75%	5.72%	4.47%	N/A	-0.16%	5.26%	42.06%	40.35%	7.11%	4.71%	N/A	4.12%	8/31/2010	
Gross Expense Ratio		119														
BM: MS Emerging Market			22.46%	4.90%	3.99%		0.20%	3.30%	32.53%	32.82%	6.15%	4.61%		4.48%		
Fund vs. MS Emerging Market			729	82	48		-36	196	953	753	96	10		-36		
PG: Diversified Emerging Mkts M*star Category			19.93%	3.86%	4.09%		N/A	N/A	N/A	29.73%	4.91%	4.47%		N/A		
Fund vs. Diversified Emerging Mkts M*star Category			982	186	38		N/A	N/A	N/A	1062	220	24		N/A		
PG: Fund % Rank in Diversified Emerging Mkts M*star Category			3%	25%	41%		N/A	N/A	N/A	5%	20%	48%		N/A		
PG: # of funds in Diversified Emerging Mkts M*star Category			797	642	447		N/A	N/A	N/A	796	636	454		N/A		
Fund Star Rating			N/A	****	***		N/A	N/A	N/A	N/A	****	***		N/A		

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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				
			10/01/16	10/01/14	10/01/12	10/01/07	11/01/17	09/01/17	01/01/17	12/01/16	12/01/14	12/01/12	12/01/07	to	11/30/17	to	11/30/17	Date
TIAA-CREF EMERGING MARKETS EQUITY INDEX FUND (TEQSX)	\$2,413.90	48	21.92%	4.85%	3.71%	N/A	0.17%	3.14%	33.11%	32.60%	6.00%	4.33%	N/A	3.87%			8/31/2010	
Gross Expense Ratio 48																		
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 INTERNATIONAL EQUITY FUND (TRERX) ^[6]	\$5,124.50	74	21.88%	7.24%	9.49%	1.35%	1.10%	5.73%	30.44%	33.48%	7.06%	8.58%	1.53%	5.20%			7/1/1999	
Gross Expense Ratio 74																		
BM: Morgan Stanley EAFE Index																		
Fund vs. Morgan Stanley EAFE Index																		
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 EQUITY INDEX FUND (TRIEX)	\$1,176.65	31	18.69%	5.03%	8.30%	1.25%	0.77%	4.76%	23.46%	26.71%	5.94%	8.08%	1.48%	8.08%			10/1/2002	
Gross Expense Ratio 31																		
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 (TIOTX)	\$1,462.80	88	24.37%	8.08%	N/A	N/A	0.92%	4.78%	31.40%	32.50%	8.74%	N/A	N/A	6.78%			4/12/2013	
Gross Expense Ratio 88																		
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 (TTISX) ^[4]	\$960.20	97	N/A	N/A	N/A	N/A	0.39%	3.86%	30.64%	N/A	N/A	N/A	N/A	29.32%			12/9/2016	
Gross Expense Ratio 97																		
BM: MSCI ACWI ex-US Small Cap Index																		
Fund vs. MSCI ACWI ex-US Small Cap Index																		
PG: Foreign Small/Mid Blend M*star Category																		
Fund vs. Foreign Small/Mid Blend M*star Category																		
PG: Fund % Rank in Foreign Small/Mid Blend M*star Category																		
PG: # of funds in Foreign Small/Mid Blend M*star Category																		
Fund Star Rating																		
TIAA-CREF SOCIAL CHOICE INTERNATIONAL EQUITY FUND (TSOEX)	\$53.30	65	18.15%	N/A	N/A	N/A	0.72%	4.36%	22.82%	26.01%	N/A	N/A	N/A	6.56%			8/7/2015	
Gross Expense Ratio 161																		
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																		
Fixed Income																		
TIAA-CREF BOND FUND (TIDRX) ^[5]	\$4,482.10	56	1.00%	3.21%	2.62%	4.38%	-0.16%	-0.38%	3.80%	4.09%	2.73%	2.50%	4.13%	5.04%			7/1/1999	
Gross Expense Ratio 56																		
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 (TBRX)	\$8,831.30	37	-0.44%	2.35%	1.64%	N/A	-0.19%	-0.74%	2.65%	2.83%	1.70%	1.55%	N/A	3.11%			9/14/2009	
Gross Expense Ratio 37																		
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 (TCBRX)	\$4,068.00	56	1.54%	3.36%	2.89%	4.49%	-0.04%	-0.23%	4.14%	4.49%	2.87%	2.74%	4.31%	4.51%			3/31/2006	
Gross Expense Ratio 56																		
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																		

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		
			10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17	Inc. Date		
TIAA-CREF EMERGING MARKETS DEBT FUND (TEDTX)	\$361.00	90	8.57%	6.53%	N/A	N/A	0.10%	0.84%	12.57%	14.52%	6.49%	N/A	N/A	6.08%	9/26/2014	
Gross Expense Ratio 93																
BM: JPMorgan EMBI Global Diversified Index																
Fund vs. JPMorgan EMBI Global Diversified Index																
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 (TIHRX) ^[9]	\$4,020.80	61	7.39%	5.03%	5.45%	7.03%	0.01%	0.91%	5.16%	7.05%	4.93%	5.22%	7.18%	6.93%	3/31/2006	
Gross Expense Ratio 61																
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 (TIKRX) ^[5,9]	\$2,708.40	52	-0.78%	0.73%	-0.67%	3.24%	-0.17%	-0.60%	0.96%	1.10%	0.41%	-0.90%	2.73%	3.85%	10/1/2002	
Gross Expense Ratio 52																
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 (TIBVX) ^[4]	\$248.80	90	0.74%	N/A	N/A	N/A	0.51%	0.61%	4.98%	5.78%	N/A	N/A	N/A	1.41%	8/5/2016	
Gross Expense Ratio 94																
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 (TISRXX)	\$1,624.50	52	1.23%	1.36%	1.08%	2.44%	-0.13%	-0.15%	1.52%	1.66%	1.21%	0.97%	2.28%	2.71%	3/31/2006	
Gross Expense Ratio 52																
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 (TESHX)	\$293.60	37	0.23%	N/A	N/A	N/A	-0.30%	-0.51%	0.44%	0.40%	N/A	N/A	N/A	0.43%	8/7/2015	
Gross Expense Ratio 50																
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 SOCIAL CHOICE BOND FUND (TSBXX)	\$1,628.50	65	0.91%	3.18%	2.92%	N/A	0.00%	-0.29%	3.84%	3.90%	2.60%	2.88%	N/A	3.02%	9/21/2012	
Gross Expense Ratio 65																
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																
Multi-Asset																
TIAA-CREF LIFECYCLE 2010 FUND (TCLXX) ^[10,11]	\$1,260.40	63	9.14%	5.65%	6.64%	4.69%	0.86%	2.85%	11.65%	12.57%	5.51%	6.88%	4.81%	5.83%	10/15/2004	
Gross Expense Ratio 75																
BM: Lifecycle 2010 Fund Composite Index																
Fund vs. Lifecycle 2010 Fund Composite Index																
BM: S&P Target Date 2010 Index																
Fund vs. S&P Target Date 2010 Index																
BM: Bloomberg Barclays U.S. Aggregate Bond Index																
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index																
PG: Target-Date 2000-2010 M*star Category																
Fund vs. Target-Date 2000-2010 M*star Category																
PG: Fund % Rank in Target-Date 2000-2010 M*star Category																
PG: # of funds in Target-Date 2000-2010 M*star Category																
Fund Star Rating																

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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.	
10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17	11/30/17 to 11/30/17	11/30/17 to 11/30/17	Date			
TIAA-CREF LIFECYCLE 2015 FUND (TCLIX) [10,11]	\$1,970.20	64	10.08%	6.05%	7.27%	4.71%	0.94%	3.22%	12.84%	13.78%	5.94%	7.58%	4.89%	6.07%	10/15/2004	
Gross Expense Ratio		76														
BM: Lifecycle 2015 Fund Composite Index			8.97%	5.65%	7.10%	4.82%	1.07%	3.00%	11.27%	12.50%	5.50%	7.52%	5.06%	6.17%		
Fund vs. Lifecycle 2015 Fund Composite Index			111	40	17	-11	-13	22	157	128	44	6	-17	-10		
BM: S&P Target Date 2015 Index			N/A	N/A	N/A	N/A	1.10%	3.05%	10.52%	11.87%	5.35%	7.07%	4.80%	5.96%		
Fund vs. S&P Target Date 2015 Index			N/A	N/A	N/A	N/A	-16	17	232	191	59	51	9	11		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%	4.27%	-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%	3.99%	4.09%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			1001	334	521	44	107	377	977	1057	383	560	90	198		
PG: Target-Date 2015 M*star Category			8.05%	5.01%	6.23%	4.08%	N/A	N/A	N/A	11.63%	4.84%	6.53%	4.31%	N/A		
Fund vs. Target-Date 2015 M*star Category			203	104	104	63	N/A	N/A	N/A	215	110	105	58	N/A		
PG: Fund % Rank in Target-Date 2015 M*star Category			13%	6%	14%	22%	N/A	N/A	N/A	15%	10%	15%	27%	N/A		
PG: # of funds in Target-Date 2015 M*star Category			121	90	64	32	N/A	N/A	N/A	119	89	65	32	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]	\$3,797.90	65	11.52%	6.56%	8.10%	4.77%	1.12%	3.68%	14.29%	15.33%	6.49%	8.47%	5.03%	6.29%	10/15/2004	
Gross Expense Ratio		76														
BM: Lifecycle 2020 Fund Composite Index			10.29%	6.15%	7.95%	4.92%	1.24%	3.49%	12.61%	14.01%	6.04%	8.44%	5.24%	6.40%		
Fund vs. Lifecycle 2020 Fund Composite Index			123	41	15	-15	-12	19	168	132	45	3	-21	-11		
BM: S&P Target Date 2020 Index			N/A	N/A	N/A	N/A	1.27%	3.55%	11.87%	13.43%	5.95%	8.04%	5.09%	6.38%		
Fund vs. S&P Target Date 2020 Index			N/A	N/A	N/A	N/A	-15	13	242	190	54	43	-6	-9		
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	9.34%		
Fund vs. Russell 3000 Index			-719	-418	-613	-280	-192	-417	-564	-694	-426	-716	-340	-305		
PG: Target-Date 2020 M*star Category			8.92%	5.22%	6.40%	4.12%	N/A	N/A	N/A	12.80%	5.10%	6.80%	4.39%	N/A		
Fund vs. Target-Date 2020 M*star Category			260	134	170	65	N/A	N/A	N/A	253	139	167	64	N/A		
PG: Fund % Rank in Target-Date 2020 M*star Category			10%	6%	7%	24%	N/A	N/A	N/A	10%	6%	11%	29%	N/A		
PG: # of funds in Target-Date 2020 M*star Category			239	188	155	89	N/A	N/A	N/A	231	182	150	84	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]	\$4,253.80	66	13.14%	7.11%	8.96%	4.85%	1.24%	4.27%	15.99%	17.16%	7.08%	9.40%	5.17%	6.52%	10/15/2004	
Gross Expense Ratio		77														
BM: Lifecycle 2025 Fund Composite Index			11.83%	6.71%	8.83%	5.03%	1.44%	4.08%	14.18%	15.79%	6.66%	9.42%	5.43%	6.65%		
Fund vs. Lifecycle 2025 Fund Composite Index			131	40	13	-18	-20	19	181	137	42	-2	-26	-13		
BM: S&P Target Date 2025 Index			N/A	N/A	N/A	N/A	1.50%	4.25%	13.50%	15.26%	6.59%	8.91%	5.32%	6.76%		
Fund vs. S&P Target Date 2025 Index			N/A	N/A	N/A	N/A	-26	2	249	190	49	49	-15	-24		
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	9.34%		
Fund vs. Russell 3000 Index			-557	-363	-527	-272	-180	-358	-394	-511	-367	-623	-326	-282		
PG: Target-Date 2025 M*star Category			10.85%	5.92%	7.54%	4.42%	N/A	N/A	N/A	15.08%	5.86%	8.03%	4.79%	N/A		
Fund vs. Target-Date 2025 M*star Category			229	119	142	43	N/A	N/A	N/A	208	122	137	38	N/A		
PG: Fund % Rank in Target-Date 2025 M*star Category			9%	8%	9%	29%	N/A	N/A	N/A	8%	5%	12%	29%	N/A		
PG: # of funds in Target-Date 2025 M*star Category			210	162	124	57	N/A	N/A	N/A	205	159	131	57	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]	\$4,180.40	67	14.72%	7.62%	9.76%	4.87%	1.49%	4.99%	17.78%	19.11%	7.67%	10.31%	5.26%	6.69%	10/15/2004	
Gross Expense Ratio		78														
BM: Lifecycle 2030 Fund Composite Index			13.39%	7.26%	9.71%	5.11%	1.65%	4.68%	15.77%	17.59%	7.28%	10.39%	5.60%	6.89%		
Fund vs. Lifecycle 2030 Fund Composite Index			133	36	5	-24	-16	31	201	152	39	-8	-34	-20		
BM: S&P Target Date 2030 Index			N/A	N/A	N/A	N/A	1.73%	4.95%	15.03%	16.98%	7.19%	9.75%	5.49%	7.04%		
Fund vs. S&P Target Date 2030 Index			N/A	N/A	N/A	N/A	-24	4	275	213	48	56	-23	-35		
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	9.34%		
Fund vs. Russell 3000 Index			-399	-312	-447	-270	-155	-286	-215	-316	-308	-532	-317	-265		
PG: Target-Date 2030 M*star Category			12.52%	6.49%	8.23%	4.45%	N/A	N/A	N/A	17.05%	6.52%	8.83%	4.94%	N/A		
Fund vs. Target-Date 2030 M*star Category			220	113	153	42	N/A	N/A	N/A	206	115	148	32	N/A		
PG: Fund % Rank in Target-Date 2030 M*star Category			13%	8%	10%	35%	N/A	N/A	N/A	13%	8%	10%	37%	N/A		
PG: # of funds in Target-Date 2030 M*star Category			239	188	155	89	N/A	N/A	N/A	231	182	150	84	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]	\$4,246.10	68	16.31%	8.09%	10.51%	5.08%	1.71%	5.63%	19.50%	21.01%	8.20%	11.13%	5.52%	7.02%	10/15/2004	
Gross Expense Ratio		79														
BM: Lifecycle 2035 Fund Composite Index			14.98%	7.75%	10.52%	5.38%	1.85%	5.28%	17.32%	19.35%	7.84%	11.29%	5.93%	7.27%		
Fund vs. Lifecycle 2035 Fund Composite Index			133	34	-1	-30	-14	35	218	166	36	-16	-41	-25		
BM: S&P Target Date 2035 Index			N/A	N/A	N/A	N/A	1.92%	5.58%	16.51%	18.64%	7.77%	10.48%	5.65%	7.27%		
Fund vs. S&P Target Date 2035 Index			N/A	N/A	N/A	N/A	-21	5	299	237	43	65	-13	-25		
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	9.34%		
Fund vs. Russell 3000 Index			-240	-265	-372	-249	-133	-222	-43	-126	-255	-450	-291	-232		
PG: Target-Date 2035 M*star Category			14.35%	7.03%	9.12%	4.73%	N/A	N/A	N/A	19.04%	7.12%	9.81%	5.22%	N/A		
Fund vs. Target-Date 2035 M*star Category			196	106	139	35	N/A	N/A	N/A	197	108	132	30	N/A		
PG: Fund % Rank in Target-Date 2035 M*star Category			15%	10%	8%	31%	N/A	N/A	N/A	12%	10%	10%	34%	N/A		
PG: # of funds in Target-Date 2035 M*star Category			210	162	124	57	N/A	N/A	N/A	205	159	131	57	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]	\$5,272.20	69	17.98%	8.53%	11.04%	5.35%	1.86%	6.23%	21.17%	22.80%	8.72%	11.76%	5.83%	7.41%	10/15/2004	
Gross Expense Ratio		80														
BM: Lifecycle 2040 Fund Composite Index			16.58%	8.21%	11.11%	5.68%	2.05%	5.88%	18.86%	21.10%	8.39%	11.97%	6.26%	7.66%		
Fund vs. Lifecycle 2040 Fund Composite Index			140	32	-7	-33	-19	35	231	170	33	-21	-43	-25		
BM: S&P Target Date 2040 Index			N/A	N/A	N/A	N/A	2.08%	6.04%	17.53%	19.79%	8.17%	10.99%	5.78%	7.47%		
Fund vs. S&P Target Date 2040 Index			N/A	N/A	N/A	N/A	-22	19	364	301	55	77	5	-6		
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	9.34%		
Fund vs. Russell 3000 Index			-73	-221	-319	-222	-118	-162	124	53	-203	-387	-260	-193		
PG: Target-Date 2040 M*star Category			15.27%	7.31%	9.41%	4.73%	N/A	N/A	N/A	20.15%	7.44%	10.16%	5.29%	N/A		
Fund vs. Target-Date 2040 M*star Category			271	122	163	62	N/A	N/A	N/A	265	128	160	54	N/A		
PG: Fund % Rank in Target-Date 2040 M*star Category			3%	8%	8%	26%	N/A	N/A	N/A	6%	5%	8%	24%	N/A		
PG: # of funds in Target-Date 2040 M*star Category			239	188	155	89	N/A	N/A	N/A	231	182	150	84	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 November 30, 2017
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 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	
	10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17	11/30/17 to 11/30/17				
TIAA-CREF LIFECYCLE 2045 FUND (TTRFX) [10,12]	\$2,658.90	70	18.65%	8.79%	11.20%	N/A	1.98%	6.54%	21.99%	23.56%	9.03%	11.93%	5.76%	5.76%	11/30/2007	
Gross Expense Ratio		82														
BM: Lifecycle 2045 Fund Composite Index			17.28%	8.48%	11.28%		2.16%	6.21%	19.61%	21.94%	8.74%	12.19%	6.36%	6.36%		
Fund vs. Lifecycle 2045 Fund Composite Index			137	31	-8		-18	33	238	162	29	-26	-60	-60		
BM: S&P Target Date 2045 Index			N/A	N/A	N/A		2.14%	6.25%	18.18%	20.53%	8.43%	11.37%	5.81%	5.81%		
Fund vs. S&P Target Date 2045 Index			N/A	N/A	N/A		-16	29	381	303	60	56	-5	-5		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	8.43%		
Fund vs. Russell 3000 Index			-6	-195	-303		-106	-131	206	129	-172	-370	-267	-267		
PG: Target-Date 2045 M*star Category			16.14%	7.57%	9.82%		N/A	N/A	N/A	21.14%	7.73%	10.61%	5.46%	N/A		
Fund vs. Target-Date 2045 M*star Category			251	122	138		N/A	N/A	N/A	242	130	132	30	N/A		
PG: Fund % Rank in Target-Date 2045 M*star Category			3%	3%	8%		N/A	N/A	N/A	2%	3%	9%	36%	N/A		
PG: # of funds in Target-Date 2045 M*star Category			210	162	123		N/A	N/A	N/A	205	159	130	57	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]	\$1,706.60	70	18.86%	8.86%	11.23%	N/A	1.97%	6.60%	22.21%	23.84%	9.15%	12.02%	5.77%	5.77%	11/30/2007	
Gross Expense Ratio		82														
BM: Lifecycle 2050 Fund Composite Index			17.53%	8.60%	11.35%		2.19%	6.30%	19.85%	22.22%	8.87%	12.27%	6.41%	6.41%		
Fund vs. Lifecycle 2050 Fund Composite Index			133	26	-12		-22	30	236	162	28	-25	-64	-64		
BM: S&P Target Date 2050 Index			N/A	N/A	N/A		2.21%	6.44%	18.77%	21.21%	8.66%	11.72%	5.96%	5.96%		
Fund vs. S&P Target Date 2050 Index			N/A	N/A	N/A		-24	16	344	263	49	30	-19	-19		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	8.43%		
Fund vs. Russell 3000 Index			15	-188	-300		-107	-125	228	157	-160	-361	-266	-266		
PG: Target-Date 2050 M*star Category			16.18%	7.63%	9.81%		N/A	N/A	N/A	21.29%	7.80%	10.62%	5.51%	N/A		
Fund vs. Target-Date 2050 M*star Category			288	123	142		N/A	N/A	N/A	255	135	140	26	N/A		
PG: Fund % Rank in Target-Date 2050 M*star Category			2%	5%	8%		N/A	N/A	N/A	2%	2%	9%	44%	N/A		
PG: # of funds in Target-Date 2050 M*star Category			232	180	144		N/A	N/A	N/A	227	177	144	52	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]	\$477.90	70	19.17%	8.98%	11.30%	N/A	2.01%	6.68%	22.42%	24.16%	9.28%	12.08%	N/A	9.34%	4/29/2011	
Gross Expense Ratio		86														
BM: Lifecycle 2055 Fund Composite Index			17.79%	8.72%	11.42%		2.23%	6.40%	20.09%	22.50%	9.01%	12.36%		9.74%		
Fund vs. Lifecycle 2055 Fund Composite Index			138	26	-12		-22	28	233	166	27	-28		-40		
BM: S&P Target Date 2055 Index			N/A	N/A	N/A		2.21%	6.50%	19.05%	21.54%	8.77%	11.95%		9.16%		
Fund vs. S&P Target Date 2055 Index			N/A	N/A	N/A		-20	18	337	262	51	13		18		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		12.65%		
Fund vs. Russell 3000 Index			46	-176	-293		-103	-117	249	189	-147	-355		-331		
PG: Target-Date 2055 M*star Category			16.60%	7.82%	10.21%		N/A	N/A	N/A	21.66%	8.02%	11.03%		N/A		
Fund vs. Target-Date 2055 M*star Category			257	116	109		N/A	N/A	N/A	250	126	105		N/A		
PG: Fund % Rank in Target-Date 2055 M*star Category			2%	3%	9%		N/A	N/A	N/A	2%	2%	11%		N/A		
PG: # of funds in Target-Date 2055 M*star Category			208	149	92		N/A	N/A	N/A	203	149	100		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]	\$62.10	70	19.32%	9.09%	N/A	N/A	1.96%	6.79%	22.67%	24.31%	9.39%	N/A	N/A	9.73%	9/26/2014	
Gross Expense Ratio		145														
BM: Lifecycle 2060 Fund Composite Index			18.04%	8.84%			2.26%	6.50%	20.34%	22.78%	9.15%			9.55%		
Fund vs. Lifecycle 2060 Fund Composite Index			128	25			-30	29	233	153	24			18		
BM: S&P Target Date 2060+ Index			N/A	N/A	N/A		2.26%	6.61%	19.31%	21.84%	8.85%			9.16%		
Fund vs. S&P Target Date 2060+ Index			N/A	N/A	N/A		-30	18	336	247	54			57		
BM: Russell 3000 Index			18.71%	10.74%			3.04%	7.85%	19.93%	22.27%	10.75%			11.68%		
Fund vs. Russell 3000 Index			61	-165			-108	-106	274	204	-136			-195		
PG: Target-Date 2060+ M*star Category			18.85%	8.27%			N/A	N/A	N/A	21.86%	8.41%			N/A		
Fund vs. Target-Date 2060+ M*star Category			247	82			N/A	N/A	N/A	245	98			N/A		
PG: Fund % Rank in Target-Date 2060+ M*star Category			2%	8%			N/A	N/A	N/A	2%	5%			N/A		
PG: # of funds in Target-Date 2060+ M*star Category			148	34			N/A	N/A	N/A	148	40			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]	\$346.90	35	7.60%	5.03%	6.12%	N/A	0.87%	2.44%	10.04%	11.06%	4.80%	6.46%	N/A	7.06%	9/30/2009	
Gross Expense Ratio		51														
BM: Lifecycle Index 2010 Composite Benchmark			8.04%	5.36%	6.51%		0.93%	2.62%	10.35%	11.46%	5.14%	6.86%		7.48%		
Fund vs. Lifecycle Index 2010 Composite Benchmark			-44	-33	-39		-6	-18	-31	-40	-34	-40		-42		
BM: S&P Target Date 2010 Index			N/A	N/A	N/A		0.94%	2.58%	9.14%	10.23%	4.68%	5.97%		6.56%		
Fund vs. S&P Target Date 2010 Index			N/A	N/A	N/A		-7	-14	90	83	12	49		50		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%		3.51%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			753	232	406		100	299	697	785	269	448		355		
PG: Target-Date 2000-2010 M*star Category			7.10%	4.66%	5.51%		N/A	N/A	N/A	10.44%	4.50%	5.79%		N/A		
Fund vs. Target-Date 2000-2010 M*star Category			50	37	61		N/A	N/A	N/A	62	30	67		N/A		
PG: Fund % Rank in Target-Date 2000-2010 M*star Category			40%	29%	31%		N/A	N/A	N/A	34%	31%	27%		N/A		
PG: # of funds in Target-Date 2000-2010 M*star Category			108	88	66		N/A	N/A	N/A	110	90	69		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]	\$673.80	35	8.52%	5.41%	6.77%	N/A	0.96%	2.80%	11.11%	12.16%	5.22%	7.18%	N/A	7.58%	9/30/2009	
Gross Expense Ratio		49														
BM: Lifecycle Index 2015 Composite Benchmark			8.98%	5.74%	7.16%		1.06%	2.98%	11.35%	12.58%	5.55%	7.57%		8.01%		
Fund vs. Lifecycle Index 2015 Composite Benchmark			-46	-33	-39		-10	-18	-24	-42	-33	-39		-43		
BM: S&P Target Date 2015 Index			N/A	N/A	N/A		1.10%	3.05%	10.52%	11.87%	5.35%	7.07%		7.45%		
Fund vs. S&P Target Date 2015 Index			N/A	N/A	N/A		-14	-25	59	29	-13	11		13		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%		3.51%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			845	270	471		109	335	804	895	311	520		407		
PG: Target-Date 2015 M*star Category			8.05%	5.01%	6.23%		N/A	N/A	N/A	11.63%	4.84%	6.53%		N/A		
Fund vs. Target-Date 2015 M*star Category			47	40	54		N/A	N/A	N/A	53	38	65		N/A		
PG: Fund % Rank in Target-Date 2015 M*star Category			50%	39%	38%		N/A	N/A	N/A	41%	30%	33%		N/A		
PG: # of funds in Target-Date 2015 M*star Category			121	90	64		N/A	N/A	N/A	119	89	65		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 November 30, 2017
 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		
TIAA-CREF LIFECYCLE INDEX 2020 FUND (TLWRX) [10,12]	\$1,467.60	35	9.86%	5.90%	7.62%	N/A	1.09%	3.29%	12.43%	13.64%	5.74%	8.10%	N/A	8.23%	9/30/2009	
Gross Expense Ratio		47														
BM: Lifecycle Index 2020 Composite Benchmark			10.31%	6.22%	7.99%		1.23%	3.47%	12.70%	14.11%	6.09%	8.49%		8.65%		
Fund vs. Lifecycle Index 2020 Composite Benchmark			-45	-32	-37		-14	-18	-27	-47	-35	-39		-42		
BM: S&P Target Date 2020 Index			N/A	N/A	N/A		1.27%	3.55%	11.87%	13.43%	5.95%	8.04%		8.21%		
Fund vs. S&P Target Date 2020 Index			N/A	N/A	N/A		-18	-26	56	21	-21	6		2		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.28%		
Fund vs. Russell 3000 Index			-885	-484	-661		-195	-456	-750	-863	-501	-753		-605		
PG: Target-Date 2020 M*star Category			8.92%	5.22%	6.40%		N/A	N/A	N/A	12.80%	5.10%	6.80%		N/A		
Fund vs. Target-Date 2020 M*star Category			94	68	122		N/A	N/A	N/A	84	64	130		N/A		
PG: Fund % Rank in Target-Date 2020 M*star Category			38%	25%	16%		N/A	N/A	N/A	41%	29%	17%		N/A		
PG: # of funds in Target-Date 2020 M*star Category			239	188	155		N/A	N/A	N/A	231	182	150		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]	\$1,671.60	35	11.42%	6.47%	8.49%	N/A	1.33%	3.92%	14.10%	15.47%	6.40%	9.07%	N/A	8.92%	9/30/2009	
Gross Expense Ratio		47														
BM: Lifecycle Index 2025 Composite Benchmark			11.85%	6.78%	8.87%		1.43%	4.06%	14.28%	15.90%	6.71%	9.46%		9.32%		
Fund vs. Lifecycle Index 2025 Composite Benchmark			-43	-31	-38		-10	-14	-18	-43	-31	-39		-40		
BM: S&P Target Date 2025 Index			N/A	N/A	N/A		1.50%	4.25%	13.50%	15.26%	6.59%	8.91%		8.88%		
Fund vs. S&P Target Date 2025 Index			N/A	N/A	N/A		-17	-33	60	21	-19	16		4		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.28%		
Fund vs. Russell 3000 Index			-729	-427	-574		-171	-393	-583	-680	-435	-656		-536		
PG: Target-Date 2025 M*star Category			10.85%	5.92%	7.54%		N/A	N/A	N/A	15.08%	5.86%	8.03%		N/A		
Fund vs. Target-Date 2025 M*star Category			57	55	95		N/A	N/A	N/A	39	54	104		N/A		
PG: Fund % Rank in Target-Date 2025 M*star Category			50%	28%	24%		N/A	N/A	N/A	53%	28%	24%		N/A		
PG: # of funds in Target-Date 2025 M*star Category			210	162	124		N/A	N/A	N/A	205	159	131		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]	\$1,728.70	35	12.92%	7.02%	9.37%	N/A	1.49%	4.50%	15.64%	17.22%	6.99%	10.02%	N/A	9.60%	9/30/2009	
Gross Expense Ratio		46														
BM: Lifecycle Index 2030 Composite Benchmark			13.41%	7.32%	9.73%		1.63%	4.65%	15.88%	17.72%	7.33%	10.42%		10.00%		
Fund vs. Lifecycle Index 2030 Composite Benchmark			-49	-30	-36		-14	-15	-24	-50	-34	-40		-40		
BM: S&P Target Date 2030 Index			N/A	N/A	N/A		1.73%	4.95%	15.03%	16.98%	7.19%	9.75%		9.47%		
Fund vs. S&P Target Date 2030 Index			N/A	N/A	N/A		-24	-45	61	24	-20	27		13		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.28%		
Fund vs. Russell 3000 Index			-579	-372	-486		-155	-335	-429	-505	-376	-561		-468		
PG: Target-Date 2030 M*star Category			12.52%	6.49%	8.23%		N/A	N/A	N/A	17.05%	6.52%	8.83%		N/A		
Fund vs. Target-Date 2030 M*star Category			40	53	114		N/A	N/A	N/A	17	47	119		N/A		
PG: Fund % Rank in Target-Date 2030 M*star Category			53%	31%	22%		N/A	N/A	N/A	58%	32%	24%		N/A		
PG: # of funds in Target-Date 2030 M*star Category			239	188	155		N/A	N/A	N/A	231	182	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]	\$1,625.60	35	14.55%	7.51%	10.18%	N/A	1.70%	5.04%	17.24%	19.02%	7.58%	10.94%	N/A	10.23%	9/30/2009	
Gross Expense Ratio		46														
BM: Lifecycle Index 2035 Composite Benchmark			15.00%	7.82%	10.55%		1.83%	5.25%	17.45%	19.50%	7.90%	11.33%		10.64%		
Fund vs. Lifecycle Index 2035 Composite Benchmark			-45	-31	-37		-13	-21	-21	-48	-32	-39		-41		
BM: S&P Target Date 2035 Index			N/A	N/A	N/A		1.92%	5.58%	16.51%	18.64%	7.77%	10.48%		9.99%		
Fund vs. S&P Target Date 2035 Index			N/A	N/A	N/A		-22	-54	73	38	-19	46		24		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.28%		
Fund vs. Russell 3000 Index			-416	-323	-405		-134	-281	-269	-325	-317	-469		-405		
PG: Target-Date 2035 M*star Category			14.35%	7.03%	9.12%		N/A	N/A	N/A	19.04%	7.12%	9.81%		N/A		
Fund vs. Target-Date 2035 M*star Category			20	48	106		N/A	N/A	N/A	-2	46	113		N/A		
PG: Fund % Rank in Target-Date 2035 M*star Category			46%	35%	23%		N/A	N/A	N/A	59%	28%	25%		N/A		
PG: # of funds in Target-Date 2035 M*star Category			210	162	124		N/A	N/A	N/A	205	159	131		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]	\$1,752.00	35	16.19%	8.02%	10.78%	N/A	1.96%	5.66%	18.80%	20.79%	8.16%	11.64%	N/A	10.67%	9/30/2009	
Gross Expense Ratio		45														
BM: Lifecycle Index 2040 Composite Benchmark			16.60%	8.30%	11.15%		2.03%	5.86%	19.00%	21.27%	8.46%	12.01%		11.07%		
Fund vs. Lifecycle Index 2040 Composite Benchmark			-41	-28	-37		-7	-20	-20	-48	-30	-37		-40		
BM: S&P Target Date 2040 Index			N/A	N/A	N/A		2.08%	6.04%	17.53%	19.79%	8.17%	10.99%		10.35%		
Fund vs. S&P Target Date 2040 Index			N/A	N/A	N/A		-12	-38	127	100	-1	65		32		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.28%		
Fund vs. Russell 3000 Index			-252	-272	-345		-108	-219	-113	-148	-259	-399		-361		
PG: Target-Date 2040 M*star Category			15.27%	7.31%	9.41%		N/A	N/A	N/A	20.15%	7.44%	10.16%		N/A		
Fund vs. Target-Date 2040 M*star Category			92	71	137		N/A	N/A	N/A	64	72	148		N/A		
PG: Fund % Rank in Target-Date 2040 M*star Category			37%	23%	17%		N/A	N/A	N/A	45%	21%	11%		N/A		
PG: # of funds in Target-Date 2040 M*star Category			239	188	155		N/A	N/A	N/A	231	182	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]	\$1,080.50	35	16.85%	8.26%	10.93%	N/A	2.00%	5.97%	19.55%	21.64%	8.46%	11.82%	N/A	10.78%	9/30/2009	
Gross Expense Ratio		46														
BM: Lifecycle Index 2045 Composite Benchmark			17.31%	8.57%	11.31%		2.14%	6.18%	19.76%	22.11%	8.80%	12.22%		11.19%		
Fund vs. Lifecycle Index 2045 Composite Benchmark			-46	-31	-38		-14	-21	-21	-47	-34	-40		-41		
BM: S&P Target Date 2045 Index			N/A	N/A	N/A		2.14%	6.25%	18.18%	20.53%	8.43%	11.37%		10.60%		
Fund vs. S&P Target Date 2045 Index			N/A	N/A	N/A		-14	-28	137	111	3	45		18		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.28%		
Fund vs. Russell 3000 Index			-186	-248	-330		-104	-188	-38	-63	-229	-381		-350		
PG: Target-Date 2045 M*star Category			16.14%	7.57%	9.82%		N/A	N/A	N/A	21.14%	7.73%	10.61%		N/A		
Fund vs. Target-Date 2045 M*star Category			71	69	111		N/A	N/A	N/A	50	73	121		N/A		
PG: Fund % Rank in Target-Date 2045 M*star Category			32%	20%	12%		N/A	N/A	N/A	38%	14%	11%		N/A		
PG: # of funds in Target-Date 2045 M*star Category			210	162	123		N/A	N/A	N/A	205	159	130		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 November 30, 2017
 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		
			10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17	11/30/17 to 11/30/17	Inc. Date	
TIAA-CREF LIFECYCLE INDEX 2050 FUND (TLRXX) [10,12]	\$774.80	35	17.14%	8.38%	11.01%	N/A	2.10%	6.12%	19.83%	21.91%	8.64%	11.92%	N/A	10.84%	9/30/2009	
Gross Expense Ratio			47													
BM: Lifecycle Index 2050 Composite Benchmark			17.56%	8.68%	11.39%		2.17%	6.28%	20.00%	22.39%	8.94%	12.31%		11.25%		
Fund vs. Lifecycle Index 2050 Composite Benchmark			-42	-30	-38		-7	-16	-17	-48	-30	-39		-41		
BM: S&P Target Date 2050 Index			N/A	N/A	N/A		2.21%	6.44%	18.77%	21.21%	8.66%	11.72%		10.80%		
Fund vs. S&P Target Date 2050 Index			N/A	N/A	N/A		-11	-32	106	70	-2	20		4		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		14.28%		
Fund vs. Russell 3000 Index			-157	-236	-322		-94	-173	-10	-36	-211	-371		-344		
PG: Target-Date 2050 M*star Category			16.18%	7.63%	9.81%		N/A	N/A	N/A	21.29%	7.87%	10.62%		N/A		
Fund vs. Target-Date 2050 M*star Category			96	75	120		N/A	N/A	N/A	62	84	130		N/A		
PG: Fund % Rank in Target-Date 2050 M*star Category			27%	16%	12%		N/A	N/A	N/A	42%	13%	11%		N/A		
PG: # of funds in Target-Date 2050 M*star Category			232	180	144		N/A	N/A	N/A	227	177	144		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFECYCLE INDEX 2055 FUND (TTIRX) [10,12]	\$252.90	35	17.38%	8.51%	11.09%	N/A	2.10%	6.16%	20.09%	22.18%	8.74%	12.01%	N/A	9.38%	4/29/2011	
Gross Expense Ratio			56													
BM: Lifecycle Index 2055 Composite Benchmark			17.81%	8.80%	11.46%		2.20%	6.37%	20.25%	22.68%	9.08%	12.40%		9.77%		
Fund vs. Lifecycle Index 2055 Composite Benchmark			-43	-29	-37		-10	-21	-16	-50	-34	-39		-39		
BM: S&P Target Date 2055 Index			N/A	N/A	N/A		2.21%	6.50%	19.05%	21.54%	8.77%	11.95%		9.16%		
Fund vs. S&P Target Date 2055 Index			N/A	N/A	N/A		-11	-34	104	64	-3	6		22		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		12.65%		
Fund vs. Russell 3000 Index			-133	-223	-314		-94	-169	16	-9	-201	-362		-327		
PG: Target-Date 2055 M*star Category			16.60%	7.82%	10.21%		N/A	N/A	N/A	21.66%	8.02%	11.03%		N/A		
Fund vs. Target-Date 2055 M*star Category			78	69	88		N/A	N/A	N/A	52	72	98		N/A		
PG: Fund % Rank in Target-Date 2055 M*star Category			30%	15%	14%		N/A	N/A	N/A	35%	12%	14%		N/A		
PG: # of funds in Target-Date 2055 M*star Category			208	149	92		N/A	N/A	N/A	203	149	100		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFECYCLE INDEX 2060 FUND (TVITX) [10,12]	\$44.40	35	17.57%	8.63%	N/A	N/A	2.06%	6.28%	20.23%	22.43%	8.88%	N/A	N/A	9.24%	9/26/2014	
Gross Expense Ratio			125													
BM: Lifecycle Index 2060 Composite Benchmark			18.07%	8.92%			2.23%	6.47%	20.49%	22.96%	9.22%			9.63%		
Fund vs. Lifecycle Index 2060 Composite Benchmark			-50	-29			-17	-19	-26	-53	-34			-39		
BM: S&P Target Date 2060+ Index			N/A	N/A			2.26%	6.61%	19.31%	21.84%	8.85%			9.16%		
Fund vs. S&P Target Date 2060+ Index			N/A	N/A			-20	-33	92	59	3			8		
BM: Russell 3000 Index			18.71%	10.74%			3.04%	7.85%	19.93%	22.27%	10.75%			11.68%		
Fund vs. Russell 3000 Index			-114	-211			-98	-157	30	16	-187			-244		
PG: Target-Date 2060+ M*star Category			16.85%	8.27%			N/A	N/A	N/A	21.86%	8.41%			N/A		
Fund vs. Target-Date 2060+ M*star Category			72	36			N/A	N/A	N/A	57	47			N/A		
PG: Fund % Rank in Target-Date 2060+ M*star Category			30%	30%			N/A	N/A	N/A	26%	21%			N/A		
PG: # of funds in Target-Date 2060+ M*star Category			148	34			N/A	N/A	N/A	148	40			N/A		
Fund Star Rating			N/A	****			N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFECYCLE INDEX RETIREMENT INCOME FUND (TRCIX) [10,11]	\$174.80	35	6.93%	4.73%	5.47%	N/A	0.85%	2.27%	9.50%	10.40%	4.52%	5.77%	N/A	6.54%	9/30/2009	
Gross Expense Ratio			61													
BM: Lifecycle Index Retirement Income Composite Benchmark			7.42%	5.10%	5.87%		0.87%	2.41%	9.74%	10.76%	4.88%	6.18%		6.96%		
Fund vs. Lifecycle Index Retirement Income Composite Benchmark			-49	-37	-40		-2	-14	-24	-36	-36	-41		-42		
BM: S&P Target Date Retirement Income Index			N/A	N/A	N/A		0.81%	2.18%	7.80%	8.65%	4.03%	4.84%		5.64%		
Fund vs. S&P Target Date Retirement Income Index			N/A	N/A	N/A		4	9	170	175	49	93		90		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%		3.51%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			686	202	341		98	282	643	719	241	379		303		
PG: Target-Date Retirement M*star Category			5.83%	3.87%	4.22%		N/A	N/A	N/A	8.93%	3.67%	4.43%		N/A		
Fund vs. Target-Date Retirement M*star Category			110	86	125		N/A	N/A	N/A	147	85	134		N/A		
PG: Fund % Rank in Target-Date Retirement M*star Category			28%	16%	13%		N/A	N/A	N/A	24%	17%	15%		N/A		
PG: # of funds in Target-Date Retirement M*star Category			178	144	125		N/A	N/A	N/A	172	140	122		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****		N/A		
TIAA-CREF LIFECYCLE RETIREMENT INCOME FUND (TLIRX) [10,11]	\$520.00	63	8.51%	5.36%	6.01%	N/A	0.76%	2.58%	11.01%	11.87%	5.21%	6.23%	4.93%	4.93%	11/30/2007	
Gross Expense Ratio			79													
BM: Lifecycle Retirement Income Fund Composite Index			7.41%	5.01%	5.79%		0.88%	2.43%	9.68%	10.69%	4.84%	6.11%	5.11%	5.11%		
Fund vs. Lifecycle Retirement Income Fund Composite Index			110	35	22		-12	15	133	118	37	12	-18	-18		
BM: S&P Target Date Retirement Income Index			N/A	N/A	N/A		0.81%	2.18%	7.80%	8.65%	4.03%	4.84%	3.99%	3.99%		
Fund vs. S&P Target Date Retirement Income Index			N/A	N/A	N/A		-5	40	321	322	118	139	94	94		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%	3.99%	3.99%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			844	265	395		89	313	794	866	310	425	94	94		
PG: Target-Date Retirement M*star Category			5.83%	3.87%	4.22%		N/A	N/A	N/A	8.93%	3.67%	4.43%	3.98%	N/A		
Fund vs. Target-Date Retirement M*star Category			288	149	179		N/A	N/A	N/A	294	154	180	95	N/A		
PG: Fund % Rank in Target-Date Retirement M*star Category			4%	2%	5%		N/A	N/A	N/A	8%	2%	6%	15%	N/A		
PG: # of funds in Target-Date Retirement M*star Category			178	144	125		N/A	N/A	N/A	172	140	122	73	N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	****	****	N/A		
TIAA-CREF LIFESTYLE AGGRESSIVE GROWTH FUND (TSARX) [14]	\$92.10	81	20.23%	9.21%	12.14%	N/A	2.11%	7.01%	23.72%	25.41%	9.42%	12.83%	N/A	13.33%	12/9/2011	
Gross Expense Ratio			111													
BM: Lifestyle Aggressive Composite Benchmark			19.15%	8.99%	12.08%		2.40%	6.92%	21.41%	24.00%	9.32%	13.08%		13.32%		
Fund vs. Lifestyle Aggressive Composite Benchmark			108	22	6		-29	9	231	141	10	-25		1		
BM: Morningstar Aggressive Target Risk TR USD			17.79%	8.19%	10.87%		2.22%	6.40%	20.15%	22.53%	8.72%	11.74%		12.06%		
Fund vs. Morningstar Aggressive Target Risk TR USD			244	102	127		-11	61	357	288	70	109		127		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		15.62%		
Fund vs. Russell 3000 Index			152	-153	-209		-93	-84	379	314	-133	-280		-229		
PG: Allocation--85%+ Equity M*star Category			16.02%	7.40%	10.73%		N/A	N/A	N/A	19.30%	7.35%	11.55%		N/A		
Fund vs. Allocation--85%+ Equity M*star Category			421	181	141		N/A	N/A	N/A	611	207	128		N/A		
PG: Fund % Rank in Allocation--85%+ Equity M*star Category			2%	5%	5%		N/A	N/A	N/A	2%	3%	4%		N/A		
PG: # of funds in Allocation--85%+ Equity M*star Category			178	156	131		N/A	N/A	N/A	185	160	132		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 November 30, 2017
 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
			10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17		
Money Market															
TIAA-CREF MONEY MARKET FUND (TIEXX) ^[3,5,7]	\$877.60	39	0.32%	0.12%	0.07%	0.43%	0.06%	0.17%	0.43%	0.44%	0.16%	0.09%	0.37%	1.81%	7/1/1999
Gross Expense Ratio		39													3/31/2006
BM: iMoneyNet Money Fund AveragesTM-All Government			0.32%	0.13%	0.08%	0.31%	0.05%	0.16%	0.40%	0.41%	0.16%	0.10%	0.26%	1.51%	
Fund vs. iMoneyNet Money Fund AveragesTM-All Government			0	-1	-1	12	1	1	3	3	0	-1	11	30	
7-Day Effective Yield as of 11/30/2017: 0.69%															
7-Day Current Yield as of 11/30/2017: 0.69%															
MUTUAL FUND TOTALS^[1]	\$123,228.90														

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] TPIIS 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.

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, 2018 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.

[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.

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
RETAIL SHARE CLASS

FOR PERIOD ENDING November 30, 2017
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 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.	
			10/01/16	10/01/14	10/01/12	10/01/07	11/01/17	09/01/17	01/01/17	12/01/16	12/01/14	12/01/12	12/01/07			
			to	to	to	to	to	to	to	to	to	to	to	Date		
			09/30/17	09/30/17	09/30/17	09/30/17	11/30/17	11/30/17	11/30/17	11/30/17	11/30/17	11/30/17	11/30/17			
U.S. Equities																
TIAA-CREF EQUITY INDEX FUND (TINRX)^[6]	\$16,203.10	34	18.38%	10.41%	13.86%	7.29%	3.01%	7.79%	19.59%	21.89%	10.43%	15.27%	8.14%	5.86%	7/1/1999	
Gross Expense Ratio		34													3/31/2006	
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	6.00%		
Fund vs. Russell 3000 Index			-33	-33	-37	-28	-3	-6	-34	-38	-32	-36	-29	-14		
PG: Large Blend M*star Category			17.65%	9.03%	12.91%	6.58%	N/A	N/A	N/A	21.06%	9.18%	14.23%	7.42%	N/A		
Fund vs. Large Blend M*star Category			73	138	95	71	N/A	N/A	N/A	83	125	104	72	N/A		
PG: Fund % Rank in Large Blend M*star Category			44%	29%	34%	27%	N/A	N/A	N/A	48%	31%	34%	29%	N/A		
PG: # of funds in Large Blend M*star Category			1396	1218	1083	799	N/A	N/A	N/A	1392	1219	1083	797	N/A		
Fund Star Rating			N/A	****	****	***	N/A	N/A	N/A	N/A	****	****	***	N/A		
TIAA-CREF GROWTH & INCOME FUND (TIIRX)^[6]	\$6,849.70	72	18.79%	10.41%	13.76%	7.97%	2.53%	8.04%	22.31%	23.94%	10.59%	15.30%	8.49%	6.20%	7/1/1999	
Gross Expense Ratio		72													3/31/2006	
BM: S&P 500 Index			18.61%	10.81%	14.22%	7.44%	3.07%	7.65%	20.49%	22.87%	10.91%	15.74%	8.30%	6.00%		
Fund vs. S&P 500 Index			18	-40	-46	53	-54	39	182	107	-32	-44	19	20		
PG: Large Growth M*star Category			19.75%	10.36%	13.70%	7.55%	N/A	N/A	N/A	27.69%	10.53%	15.25%	8.19%	N/A		
Fund vs. Large Growth M*star Category			-96	5	6	42	N/A	N/A	N/A	-375	6	5	30	N/A		
PG: Fund % Rank in Large Growth M*star Category			61%	53%	52%	43%	N/A	N/A	N/A	75%	53%	53%	45%	N/A		
PG: # of funds in Large Growth M*star Category			1398	1259	1125	800	N/A	N/A	N/A	1371	1226	1110	786	N/A		
Fund Star Rating			N/A	***	***	****	N/A	N/A	N/A	N/A	***	***	***	N/A		
TIAA-CREF LARGE-CAP GROWTH FUND (TIRTX)	\$4,902.60	76	22.06%	12.43%	15.92%	8.46%	2.70%	8.16%	33.64%	33.51%	12.53%	17.36%	8.98%	9.56%	3/31/2006	
Gross Expense Ratio		76														
BM: Russell 1000 Growth Index			21.94%	12.69%	15.26%	9.08%	3.04%	8.42%	29.21%	30.81%	13.10%	17.14%	9.87%	10.01%		
Fund vs. Russell 1000 Growth Index			12	-26	66	-62	-34	-26	443	270	-57	22	-89	-45		
PG: Large Growth M*star Category			19.75%	10.36%	13.70%	7.55%	N/A	N/A	N/A	27.69%	10.53%	15.25%	8.19%	N/A		
Fund vs. Large Growth M*star Category			231	207	222	91	N/A	N/A	N/A	582	200	211	79	N/A		
PG: Fund % Rank in Large Growth M*star Category			27%	22%	15%	30%	N/A	N/A	N/A	15%	23%	17%	34%	N/A		
PG: # of funds in Large Growth M*star Category			1398	1259	1125	800	N/A	N/A	N/A	1371	1226	1110	786	N/A		
Fund Star Rating			N/A	****	****	***	N/A	N/A	N/A	N/A	****	****	***	N/A		
TIAA-CREF LARGE-CAP VALUE FUND (TCLCX)	\$7,136.70	73	15.28%	8.00%	12.62%	5.61%	2.24%	5.96%	10.34%	12.48%	7.76%	13.08%	6.27%	9.64%	10/1/2002	
Gross Expense Ratio		73														
BM: Russell 1000 Value Index			15.12%	8.53%	13.20%	5.92%	3.06%	6.89%	12.03%	14.83%	8.35%	14.17%	6.84%	9.72%		
Fund vs. Russell 1000 Value Index			14	-53	-58	-31	-82	-93	-169	-235	-59	-109	-57	-8		
PG: Large Value M*star Category			16.17%	7.99%	12.23%	5.72%	N/A	N/A	N/A	16.55%	8.14%	13.33%	6.59%	N/A		
Fund vs. Large Value M*star Category			-91	1	39	-11	N/A	N/A	N/A	-407	-38	-25	-32	N/A		
PG: Fund % Rank in Large Value M*star Category			64%	53%	45%	56%	N/A	N/A	N/A	89%	63%	63%	62%	N/A		
PG: # of funds in Large Value M*star Category			1269	1108	962	689	N/A	N/A	N/A	1266	1107	966	691	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	**	***	***	N/A		
TIAA-CREF MID-CAP GROWTH FUND (TCMGX)	\$1,637.70	78	17.77%	8.12%	12.08%	7.05%	2.79%	7.68%	25.10%	24.83%	7.89%	13.18%	7.64%	11.44%	10/1/2002	
Gross Expense Ratio		78														
BM: Russell Mid Cap Growth Index			17.82%	9.96%	14.18%	8.20%	3.34%	9.24%	24.60%	25.03%	10.00%	15.59%	9.07%	12.26%		
Fund vs. Russell Mid Cap Growth Index			-5	-184	-210	-115	-55	-156	50	-20	-211	-241	-143	-82		
PG: Mid-Cap Growth M*star Category			18.18%	9.13%	12.62%	6.92%	N/A	N/A	N/A	23.75%	9.19%	13.95%	7.65%	N/A		
Fund vs. Mid-Cap Growth M*star Category			-41	-101	-54	13	N/A	N/A	N/A	108	-130	-77	-1	N/A		
PG: Fund % Rank in Mid-Cap Growth M*star Category			51%	72%	60%	50%	N/A	N/A	N/A	40%	77%	64%	54%	N/A		
PG: # of funds in Mid-Cap Growth M*star Category			614	563	484	362	N/A	N/A	N/A	613	560	491	365	N/A		
Fund Star Rating			N/A	**	***	***	N/A	N/A	N/A	N/A	**	***	***	N/A		
TIAA-CREF MID-CAP VALUE FUND (TCMVX)	\$4,560.00	71	12.82%	7.69%	12.66%	6.49%	2.36%	6.36%	10.19%	11.99%	7.03%	13.17%	7.12%	11.81%	10/1/2002	
Gross Expense Ratio		71														
BM: Russell Mid Cap Value Index			13.37%	9.19%	14.33%	7.85%	3.38%	7.06%	11.96%	13.95%	8.83%	14.99%	8.84%	12.05%		
Fund vs. Russell Mid Cap Value Index			-55	-150	-167	-136	-102	-70	-177	-196	-180	-182	-172	-24		
PG: Mid-Cap Value M*star Category			14.63%	7.90%	12.71%	6.85%	N/A	N/A	N/A	13.86%	7.97%	13.48%	7.77%	N/A		
Fund vs. Mid-Cap Value M*star Category			-201	-21	-5	-36	N/A	N/A	N/A	-187	-94	-31	-65	N/A		
PG: Fund % Rank in Mid-Cap Value M*star Category			72%	65%	63%	59%	N/A	N/A	N/A	74%	74%	70%	69%	N/A		
PG: # of funds in Mid-Cap Value M*star Category			410	363	319	226	N/A	N/A	N/A	406	368	314	222	N/A		
Fund Star Rating			N/A	***	***	***	N/A	N/A	N/A	N/A	**	***	***	N/A		
TIAA-CREF REAL ESTATE SECURITIES FUND (TCREX)	\$2,144.30	82	3.77%	10.16%	9.11%	5.39%	3.06%	2.53%	12.13%	16.37%	7.47%	10.26%	6.62%	10.58%	10/1/2002	
Gross Expense Ratio		82														
BM: FTSE NAREIT All Equity REITs Index			2.57%	10.18%	9.97%	6.06%	2.65%	1.97%	8.99%	13.86%	7.22%	10.69%	7.24%	11.07%		
Fund vs. FTSE NAREIT All Equity REITs Index			120	-2	-86	-67	41	56	314	251	25	-43	-62	-52		
PG: Real Estate M*star Category			1.78%	8.76%	8.73%	5.13%	N/A	N/A	N/A	10.43%	5.65%	9.39%	6.21%	N/A		
Fund vs. Real Estate M*star Category			199	140	38	26	N/A	N/A	N/A	594	182	87	41	N/A		
PG: Fund % Rank in Real Estate M*star Category			16%	15%	30%	43%	N/A	N/A	N/A	8%	9%	23%	41%	N/A		
PG: # of funds in Real Estate M*star Category			255	230	203	141	N/A	N/A	N/A	261	233	205	144	N/A		
Fund Star Rating			N/A	****	****	***	N/A	N/A	N/A	N/A	****	****	***	N/A		
TIAA-CREF SMALL-CAP EQUITY FUND (TCSEX)	\$3,938.40	73	21.62%	12.76%	14.62%	8.12%	2.75%	9.83%	14.87%	17.82%	11.86%	16.04%	9.17%	11.32%	10/1/2002	
Gross Expense Ratio		73														
BM: Russell 2000 Index			20.74%	12.18%	13.79%	7.85%	2.88%	10.23%	15.11%	18.34%	11.14%	15.02%	8.75%	11.39%		
Fund vs. Russell 2000 Index			88	58	83	27	-13	-40	-24	-52	72	102	42	-7		
PG: Small Growth M*star Category			20.40%	11.15%	13.02%	7.57%	N/A	N/A	N/A	22.34%	10.67%	14.45%	8.38%	N/A		
Fund vs. Small Growth M*star Category			122	161	160	55	N/A	N/A	N/A	-452	119	159	79	N/A		
PG: Fund % Rank in Small Growth M*star Category			33%	30%	24%	38%	N/A	N/A	N/A	80%	31%	25%	33%	N/A		
PG: # of funds in Small Growth M*star Category			674	597	532	399	N/A	N/A	N/A	682	604	539	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)^[4]	\$695.70	90	19.14%	N/A	N/A	N/A	3.41%	11.07%	18.62%	21.24%	N/A	N/A	N/A	20.23%	8/5/2016	
Gross Expense Ratio		90														
BM: Russell 2500 Index			17.79%				3.29%	9.64%	16.42%	18.68%				18.18%		
Fund vs. Russell 2500 Index			135				12	143	220	256				205		
PG: Small Blend M*star Category			18.91%				N/A	N/A	N/A	16.03%				N/A		
Fund vs. Small Blend M*star Category			23				N/A	N/A	N/A	521				N/A		
PG: Fund % Rank in Small Blend M*star Category			48%													

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
RETAIL SHARE CLASS

FOR PERIOD ENDING November 30, 2017
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FUND	Total Portfolio Net Assets (in \$Mill.)	Exp. Ratio (bps) [2]	Previous Quarter-End Returns				Current Month-End Returns									
			Avg. Annual Returns				Current Month-End 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		
			10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17	Inception to 11/30/17	Inc. Date	
TIAA-CREF SOCIAL CHOICE EQUITY FUND (TICRX) [6]	\$2,978.70	46	18.19%	9.23%	13.58%	7.15%	2.78%	7.77%	19.19%	21.38%	9.48%	14.71%	7.88%	5.66%	7/1/1999	
Gross Expense Ratio			46													
BM: Russell 3000 Index			18.71%													
Fund vs. Russell 3000 Index			-52													
PG: Large Blend M*star Category			17.65%													
Fund vs. Large Blend M*star Category			54													
PG: Fund % Rank in Large Blend M*star Category			49%													
PG: # of funds in Large Blend M*star Category			1396													
Fund Star Rating			N/A													
TIAA-CREF SOCIAL CHOICE LOW CARBON EQUITY FUND (TLWCX)	\$95.00	65	18.56%	N/A	N/A	N/A	2.65%	7.48%	19.42%	21.67%	N/A	N/A	N/A	12.69%	8/7/2015	
Gross Expense Ratio			97													
BM: Russell 3000 Index			18.71%													
Fund vs. Russell 3000 Index			-15													
PG: Large Blend M*star Category			17.65%													
Fund vs. Large Blend M*star Category			91													
PG: Fund % Rank in Large Blend M*star Category			37%													
PG: # of funds in Large Blend M*star Category			1396													
Fund Star Rating			N/A													
Global Equities																
TIAA-CREF GLOBAL NATURAL RESOURCES FUND (TNRLX)	\$42.60	114	4.06%	-3.51%	-3.02%	N/A	0.25%	5.17%	-4.01%	-4.95%	-0.86%	-2.37%	N/A	-1.81%	11/1/2011	
Gross Expense Ratio			119													
BM: MSCI AC World Index Commodity Producers Sec. Cap. Index			18.16%													
Fund vs. MSCI AC World Index Commodity Producers Sec. Cap. Index			-1410													
PG: Natural Resources M*star Category			15.26%													
Fund vs. Natural Resources M*star Category			-1120													
PG: Fund % Rank in Natural Resources M*star Category			79%													
PG: # of funds in Natural Resources M*star Category			137													
Fund Star Rating			N/A													
International Equities																
TIAA-CREF EMERGING MARKETS EQUITY FUND (TEMRX)	\$1,441.00	134	29.51%	5.54%	4.32%	N/A	-0.16%	5.26%	42.02%	40.09%	6.97%	4.57%	N/A	3.98%	8/31/2010	
Gross Expense Ratio			136													
BM: MS Emerging Market			22.46%													
Fund vs. MS Emerging Market			705													
PG: Diversified Emerging Mkts M*star Category			19.93%													
Fund vs. Diversified Emerging Mkts M*star Category			958													
PG: Fund % Rank in Diversified Emerging Mkts M*star Category			3%													
PG: # of funds in Diversified Emerging Mkts M*star Category			797													
Fund Star Rating			N/A													
TIAA-CREF EMERGING MARKETS EQUITY INDEX FUND (TEQKX)	\$2,413.90	62	21.75%	4.70%	3.55%	N/A	0.17%	3.14%	33.07%	32.52%	5.87%	4.19%	N/A	3.73%	8/31/2010	
Gross Expense Ratio			62													
BM: MS Emerging Market			22.46%													
Fund vs. MS Emerging Market			-71													
PG: Diversified Emerging Mkts M*star Category			19.93%													
Fund vs. Diversified Emerging Mkts M*star Category			182													
PG: Fund % Rank in Diversified Emerging Mkts M*star Category			40%													
PG: # of funds in Diversified Emerging Mkts M*star Category			797													
Fund Star Rating			N/A													
TIAA-CREF INTERNATIONAL EQUITY FUND (TIERX) [6]	\$5,124.50	78	21.89%	7.16%	9.39%	1.31%	1.02%	5.68%	30.36%	33.36%	7.01%	8.52%	1.49%	5.46%	7/1/1999	
Gross Expense Ratio			78													
BM: Morgan Stanley EAFE Index			19.10%													
Fund vs. Morgan Stanley EAFE Index			279													
PG: Foreign Large Growth M*star Category			18.47%													
Fund vs. Foreign Large Growth M*star Category			342													
PG: Fund % Rank in Foreign Large Growth M*star Category			14%													
PG: # of funds in Foreign Large Growth M*star Category			396													
Fund Star Rating			N/A													
TIAA-CREF INTERNATIONAL OPPORTUNITIES FUND (TIO SX)	\$1,462.80	109	24.07%	7.91%	N/A	N/A	1.00%	4.87%	31.27%	32.32%	8.58%	N/A	N/A	6.63%	4/12/2013	
Gross Expense Ratio			110													
BM: MSCI AC World Index ex USA			19.61%													
Fund vs. MSCI AC World Index ex USA			446													
PG: Foreign Large Growth M*star Category			18.47%													
Fund vs. Foreign Large Growth M*star Category			560													
PG: Fund % Rank in Foreign Large Growth M*star Category			8%													
PG: # of funds in Foreign Large Growth M*star Category			396													
Fund Star Rating			N/A													
TIAA-CREF INTERNATIONAL SMALL-CAP EQUITY FUND (TLISX) [4]	\$960.20	111	N/A	N/A	N/A	N/A	0.31%	3.86%	30.43%	N/A	N/A	N/A	N/A	29.11%	12/9/2016	
Gross Expense Ratio			111													
BM: MSCI ACWI ex-US Small Cap Index			1.49%													
Fund vs. MSCI ACWI ex-US Small Cap Index			-118													
PG: Foreign Small/Mid Blend M*star Category			N/A													
Fund vs. Foreign Small/Mid Blend M*star Category			N/A													
PG: Fund % Rank in Foreign Small/Mid Blend M*star Category			N/A													
PG: # of funds in Foreign Small/Mid Blend M*star Category			N/A													
Fund Star Rating			N/A													

INVESTMENT PERFORMANCE SUMMARY
TIAA-CREF FUNDS
RETAIL SHARE CLASS

FOR PERIOD ENDING November 30, 2017
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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		
			10/01/16 to 09/30/17	10/01/14 to 09/30/17	10/01/12 to 09/30/17	10/01/07 to 09/30/17	11/01/17 to 11/30/17	09/01/17 to 11/30/17	01/01/17 to 11/30/17	12/01/16 to 11/30/17	12/01/14 to 11/30/17	12/01/12 to 11/30/17	12/01/07 to 11/30/17	Inc. Date		
TIAA-CREF SHORT-TERM BOND INDEX FUND (TRSHX)	\$293.60	42	0.03%	N/A	N/A	N/A	-0.21%	-0.54%	0.32%	0.28%	N/A	N/A	N/A	0.35%	8/7/2015	
Gross Expense Ratio			55													
BM: Bloomberg Barclays US 1-3 Yr Govt Credit Index			0.66%													
Fund vs. Bloomberg Barclays US 1-3 Yr Govt Credit Index			-63													
PG: Short-Term Bond M*star Category			1.26%													
Fund vs. Short-Term Bond M*star Category			-123													
PG: Fund % Rank in Short-Term Bond M*star Category			95%													
PG: # of funds in Short-Term Bond M*star Category			512													
Fund Star Rating			N/A													
TIAA-CREF SOCIAL CHOICE BOND FUND (TSBRX)	\$1,628.50	67	0.99%	3.16%	2.87%	N/A	-0.10%	-0.30%	3.83%	3.88%	2.58%	2.82%	N/A	2.95%	9/21/2012	
Gross Expense Ratio			67													
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%													
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			92													
PG: Intermediate-Term Bond M*star Category			0.83%													
Fund vs. Intermediate-Term Bond M*star Category			16													
PG: Fund % Rank in Intermediate-Term Bond M*star Category			38%													
PG: # of funds in Intermediate-Term Bond M*star Category			985													
Fund Star Rating			N/A													
TIAA-CREF TAX-EXEMPT BOND FUND (TIXRX)	\$274.10	63	-0.08%	2.33%	1.74%	3.72%	-0.79%	-1.03%	3.73%	4.55%	1.78%	1.16%	3.52%	3.72%	3/31/2006	
Gross Expense Ratio			65													
BM: Bloomberg Barclays 10-Year Municipal Bond Index			0.77%													
Fund vs. Bloomberg Barclays 10-Year Municipal Bond Index			-85													
PG: Muni National Interim M*star Category			0.45%													
Fund vs. Muni National Interim M*star Category			-53													
PG: Fund % Rank in Muni National Interim M*star Category			84%													
PG: # of funds in Muni National Interim M*star Category			289													
Fund Star Rating			N/A													
Multi-Asset																
TIAA-CREF LIFECYCLE RETIREMENT INCOME FUND (TLRRX) [9]	\$520.00	63	8.50%	5.36%	6.03%	N/A	0.76%	2.58%	10.99%	11.86%	5.21%	6.22%	4.99%	4.99%	11/30/2007	
Gross Expense Ratio			82													
BM: Lifecycle Retirement Income Fund Composite Index			7.41%													
Fund vs. Lifecycle Retirement Income Fund Composite Index			109													
BM: S&P Target Date Retirement Income Index			N/A													
Fund vs. S&P Target Date Retirement Income Index			N/A													
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%													
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			843													
PG: Target-Date Retirement M*star Category			5.83%													
Fund vs. Target-Date Retirement M*star Category			267													
PG: Fund % Rank in Target-Date Retirement M*star Category			4%													
PG: # of funds in Target-Date Retirement M*star Category			178													
Fund Star Rating			N/A													
TIAA-CREF LIFESTYLE AGGRESSIVE GROWTH FUND (TSALX) [11]	\$92.10	88	20.08%	9.13%	12.07%	N/A	2.05%	6.95%	23.68%	25.27%	9.34%	12.78%	N/A	13.24%	12/9/2011	
Gross Expense Ratio			118													
BM: Lifestyle Aggressive Composite Benchmark			19.15%													
Fund vs. Lifestyle Aggressive Composite Benchmark			93													
BM: Morningstar Aggressive Target Risk TR USD			17.79%													
Fund vs. Morningstar Aggressive Target Risk TR USD			229													
BM: Russell 3000 Index			18.71%													
Fund vs. Russell 3000 Index			137													
PG: Allocation--85%+ Equity M*star Category			16.02%													
Fund vs. Allocation--85%+ Equity M*star Category			406													
PG: Fund % Rank in Allocation--85%+ Equity M*star Category			2%													
PG: # of funds in Allocation--85%+ Equity M*star Category			178													
Fund Star Rating			N/A													
TIAA-CREF LIFESTYLE CONSERVATIVE FUND (TSCLX) [10]	\$211.30	73	8.69%	5.33%	6.16%	N/A	0.71%	2.66%	11.17%	11.83%	5.18%	6.34%	N/A	7.03%	12/9/2011	
Gross Expense Ratio			85													
BM: Lifestyle Conservative Composite Benchmark			7.50%													
Fund vs. Lifestyle Conservative Composite Benchmark			119													
BM: Morningstar Moderately Conservative Target Risk TR USD			7.29%													
Fund vs. Morningstar Moderately Conservative Target Risk TR USD			140													
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%													
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			862													
PG: Allocation--30% to 50% Equity M*star Category			7.04%													
Fund vs. Allocation--30% to 50% Equity M*star Category			165													
PG: Fund % Rank in Allocation--30% to 50% Equity M*star Category			19%													
PG: # of funds in Allocation--30% to 50% Equity M*star Category			502													
Fund Star Rating			N/A													
TIAA-CREF LIFESTYLE GROWTH FUND (TSGLX) [11]	\$136.80	82	16.36%	8.08%	10.27%	N/A	1.67%	5.55%	19.71%	21.03%	8.17%	10.79%	N/A	11.40%	12/9/2011	
Gross Expense Ratio			101													
BM: Lifestyle Growth Composite Benchmark			15.11%													
Fund vs. Lifestyle Growth Composite Benchmark			125													
BM: Morningstar Moderately Aggressive Target Risk TR USD			14.90%													
Fund vs. Morningstar Moderately Aggressive Target Risk TR USD			146													
BM: Russell 3000 Index			18.71%													
Fund vs. Russell 3000 Index			-235													
PG: Allocation--70% to 85% Equity M*star Category			12.84%													
Fund vs. Allocation--70% to 85% Equity M*star Category			352													
PG: Fund % Rank in Allocation--70% to 85% Equity M*star Category			12%													
PG: # of funds in Allocation--70% to 85% Equity M*star Category			359													
Fund Star Rating			N/A													

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TIAA-CREF FUNDS
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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		
TIAA-CREF LIFESTYLE INCOME FUND (TSILX) [10]	\$68.70	71	4.87%	3.68%	3.88%	N/A	0.27%	1.21%	6.64%	7.19%	3.49%	3.91%	N/A	4.56%	12/9/2011	
Gross Expense Ratio			99													
BM: Lifestyle Income Composite Benchmark			3.92%	3.36%	3.59%		0.34%	0.99%	5.60%	6.13%	3.09%	3.70%		4.07%		
Fund vs. Lifestyle Income Composite Benchmark			95	32	29		-7	22	104	106	40	21		49		
BM: Morningstar Conservative Target Risk TR USD			3.56%	3.23%	3.17%		0.42%	0.98%	6.40%	6.93%	3.15%	3.31%		4.03%		
Fund vs. Morningstar Conservative Target Risk TR USD			131	45	71		-15	23	24	26	34	60		53		
BM: Bloomberg Barclays U.S. Aggregate Bond Index			0.07%	2.71%	2.06%		-0.13%	-0.55%	3.07%	3.21%	2.11%	1.98%		2.51%		
Fund vs. Bloomberg Barclays U.S. Aggregate Bond Index			480	97	182		40	176	357	398	138	193		205		
PG: Allocation--15% to 30% Equity M*star Category			4.46%	2.92%	3.33%		N/A	N/A	N/A	6.61%	2.80%	3.37%		N/A		
Fund vs. Allocation--15% to 30% Equity M*star Category			41	76	55		N/A	N/A	N/A	58	69	54		N/A		
PG: Fund % Rank in Allocation--15% to 30% Equity M*star Category			41%	34%	44%		N/A	N/A	N/A	49%	29%	45%		N/A		
PG: # of funds in Allocation--15% to 30% Equity M*star Category			201	175	149		N/A	N/A	N/A	200	177	152		N/A		
Fund Star Rating			N/A	****	***		N/A	N/A	N/A	N/A	****	***		N/A		
TIAA-CREF LIFESTYLE MODERATE FUND (TSMXL) [11]	\$307.70	77	12.49%	6.93%	8.44%	N/A	1.27%	4.11%	15.73%	16.74%	6.88%	8.79%	N/A	9.51%	12/9/2011	
Gross Expense Ratio			86													
BM: Lifestyle Moderate Composite Benchmark			11.19%	6.58%	8.10%		1.39%	3.89%	13.76%	15.28%	6.54%	8.64%		9.02%		
Fund vs. Lifestyle Moderate Composite Benchmark			130	35	34		-12	22	197	146	34	15		49		
BM: Morningstar Moderate Target Risk TR USD			10.95%	6.04%	7.44%		1.36%	3.81%	13.42%	14.91%	6.23%	7.96%		8.49%		
Fund vs. Morningstar Moderate Target Risk TR USD			154	89	100		-9	30	231	183	65	83		102		
BM: Russell 3000 Index			18.71%	10.74%	14.23%		3.04%	7.85%	19.93%	22.27%	10.75%	15.63%		15.62%		
Fund vs. Russell 3000 Index			-622	-381	-579		-177	-374	-420	-553	-387	-684		-611		
PG: Allocation--50% to 70% Equity M*star Category			10.52%	5.38%	7.51%		N/A	N/A	N/A	13.56%	5.32%	8.03%		N/A		
Fund vs. Allocation--50% to 70% Equity M*star Category			197	155	93		N/A	N/A	N/A	318	156	76		N/A		
PG: Fund % Rank in Allocation--50% to 70% Equity M*star Category			19%	18%	32%		N/A	N/A	N/A	12%	17%	37%		N/A		
PG: # of funds in Allocation--50% to 70% Equity M*star Category			821	725	664		N/A	N/A	N/A	820	719	668		N/A		
Fund Star Rating			N/A	****	****		N/A	N/A	N/A	N/A	****	***		N/A		
TIAA-CREF MANAGED ALLOCATION FUND (TIMRX) [11]	\$865.40	65	12.61%	7.06%	8.51%	5.26%	1.31%	4.16%	15.66%	16.76%	7.04%	8.95%	5.52%	6.16%	3/31/2006	
Gross Expense Ratio			72													
BM: Managed Allocation Composite Index [5]			11.19%	6.58%	8.19%	5.51%	1.39%	3.89%	13.76%	15.28%	6.54%	8.74%	5.81%	6.33%		
Fund vs. Managed Allocation Composite Index			142	48	32	-25	-8	27	190	148	50	21	-29	-17		
BM: Morningstar Moderate Target Risk TR USD			10.95%	6.04%	7.44%	5.40%	1.36%	3.81%	13.42%	14.91%	6.23%	7.96%	5.66%	6.35%		
Fund vs. Morningstar Moderate Target Risk TR USD			166	102	107	-14	-5	35	224	185	81	99	-14	-19		
BM: Russell 3000 Index			18.71%	10.74%	14.23%	7.57%	3.04%	7.85%	19.93%	22.27%	10.75%	15.63%	8.43%	8.57%		
Fund vs. Russell 3000 Index			-610	-368	-572	-231	-173	-369	-427	-551	-371	-668	-291	-241		
PG: Allocation--50% to 70% Equity M*star Category			10.52%	5.38%	7.51%	5.07%	N/A	N/A	N/A	13.56%	5.32%	8.03%	5.40%	N/A		
Fund vs. Allocation--50% to 70% Equity M*star Category			209	168	100	19	N/A	N/A	N/A	320	172	92	12	N/A		
PG: Fund % Rank in Allocation--50% to 70% Equity M*star Category			18%	16%	31%	45%	N/A	N/A	N/A	12%	14%	34%	46%	N/A		
PG: # of funds in Allocation--50% to 70% Equity M*star Category			821	725	664	458	N/A	N/A	N/A	820	719	668	458	N/A		
Fund Star Rating			N/A	****	****	***	N/A	N/A	N/A	N/A	****	***	***	N/A		

Money Market

TIAA-CREF MONEY MARKET FUND (TIRXX) [5,6,7,12]	\$877.60	49	0.24%	0.08%	0.05%	0.45%	0.05%	0.15%	0.34%	0.35%	0.12%	0.07%	0.38%	1.83%	7/1/1999	
Gross Expense Ratio			49													
BM: iMoneynet Money Fund Averages TM-All Government			0.32%	0.13%	0.08%	0.31%	0.05%	0.16%	0.40%	0.41%	0.16%	0.10%	0.26%	1.51%		
Fund vs. iMoneynet Money Fund Averages TM-All Government			-8	-5	-3	14	0	-1	-6	-6	-4	-3	12	32		
7-Day Effective Yield as of 11/30/2017: 0.54%																
7-Day Current Yield as of 11/30/2017: 0.54%																

MUTUAL FUND TOTALS [1] \$92,058.90

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] Teachers Advisors, LLC ("Advisors"), the Fund's 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 Retail 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) 0.91% 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; b) 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, 2018 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.

[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.