

**ANNUAL STATEMENT**

**OF THE**

**INSULATED**

**SEPARATE ACCOUNTS**

**OF THE**

**TIAA-CREF LIFE**

**INSURANCE COMPANY**

**OF**

**NEW YORK**

**IN THE STATE OF**

**NEW YORK**

**TO THE**

**INSURANCE DEPARTMENT**

**OF THE**

**STATE OF**

---

**FOR THE YEAR ENDED**  
**DECEMBER 31, 2019**

**LIFE AND ACCIDENT AND HEALTH**

**2019**



LIFE AND ACCIDENT AND HEALTH COMPANIES/FRATERNAL BENEFIT SOCIETIES - ASSOCIATION EDITION - SEPARATE ACCOUNTS

ANNUAL STATEMENT

FOR THE YEAR ENDED DECEMBER 31, 2019  
OF THE CONDITION AND AFFAIRS OF THE SEPARATE ACCOUNTS OF THE

TIAA-CREF Life Insurance Company

NAIC Group Code 1216 1216 NAIC Company Code 60142 Employer's ID Number 13-3917848  
(Current) (Prior)

Organized under the Laws of New York, State of Domicile or Port of Entry NY

Country of Domicile United States of America

Type of Separate Accounts Insulated [ X ] Non-Insulated [ ]

Incorporated/Organized 11/20/1996 Commenced Business 12/18/1996

Statutory Home Office 730 Third Avenue, New York, NY, US 10017  
(Street and Number) (City or Town, State, Country and Zip Code)

Main Administrative Office 730 Third Avenue  
(Street and Number)  
New York, NY, US 10017 212-490-9000  
(City or Town, State, Country and Zip Code) (Area Code) (Telephone Number)

Mail Address 730 Third Avenue, New York, NY, US 10017  
(Street and Number or P.O. Box) (City or Town, State, Country and Zip Code)

Primary Location of Books and Records 730 Third Avenue  
(Street and Number)  
New York, NY, US 10017 212-490-9000  
(City or Town, State, Country and Zip Code) (Area Code) (Telephone Number)

Internet Website Address tiaa.org

Statutory Statement Contact Stacy Koon Eisenhauer, 704-988-4560  
(Name) (Area Code) (Telephone Number)  
seisenhauer@tiaa.org 704-988-4914  
(E-mail Address) (FAX Number)

OFFICERS

President & Chief Executive Officer	<u>William Gunnar Griesser #</u>	Vice President & Chief Financial Officer	<u>Stacy Koon Eisenhauer</u>
Secretary	<u>Mary Catherine Benedetto</u>	Senior Vice President & Chief Actuary	<u>Christine Ellen Dugan #</u>

OTHER

<u>Jorge Claudio Gutierrez, Treasurer</u>	<u>Todd Richard Sagmoe #, Vice President, Head of Insurance, Illustration Actuary</u>
---	---

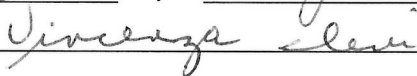
DIRECTORS OR TRUSTEES

<u>Rashmi Dilip Badwe</u>	<u>Christine Ellen Dugan</u>	<u>Bradley (NMN) Finkle</u>
<u>William Gunnar Griesser #</u>	<u>Derek James Heaslip</u>	<u>Eric Thomas Jones</u>
<u>Meredith J. Kornreich</u>	<u>Christopher Antoine Van Buren</u>	

State of New York SS:  
County of New York

The officers of this reporting entity being duly sworn, each depose and say that they are the described officers of said reporting entity, and that on the reporting period stated above, all of the herein described assets were the absolute property of the said reporting entity, free and clear from any liens or claims thereon, except as herein stated, and that this statement, together with related exhibits, schedules and explanations therein contained, annexed or referred to, is a full and true statement of all the assets and liabilities and of the condition and affairs of the said reporting entity as of the reporting period stated above, and of its income and deductions therefrom for the period ended, and have been completed in accordance with the NAIC Annual Statement Instructions and Accounting Practices and Procedures manual except to the extent that: (1) state law may differ; or, (2) that state rules or regulations require differences in reporting not related to accounting practices and procedures, according to the best of their information, knowledge and belief, respectively. Furthermore, the scope of this attestation by the described officers also includes the related corresponding electronic filing with the NAIC, when required, that is an exact copy (except for formatting differences due to electronic filing) of the enclosed statement. The electronic filing may be requested by various regulators in lieu of or in addition to the enclosed statement.

 William Gunnar Griesser President & Chief Executive Officer	 Mary Catherine Benedetto Secretary	 Stacy Koon Eisenhauer Vice President & Chief Financial Officer
---	--	--

Subscribed and sworn to before me this 31st day of January, 2020  


- a. Is this an original filing? ..... Yes [ X ] No [ ]  
b. If no,  
1. State the amendment number.....  
2. Date filed .....  
3. Number of pages attached.....

VINCENZA IENI  
NOTARY PUBLIC-STATE OF NEW YORK  
No. 01IE6211858  
Qualified in Westchester County  
My Commission Expires 09-21-2021





ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

ASSETS

	Current Year			Prior Year
	1 General Account Basis	2 Fair Value Basis	3 Total (Cols. 1 + 2)	4 Total
1. Bonds (Schedule D).....	389,752,166		389,752,166	2,062,879,690
2. Stocks (Schedule D):				
2.1 Preferred stocks .....				
2.2 Common stocks .....		3,593,155,650	3,593,155,650	2,839,355,179
3. Mortgage loans on real estate (Schedule B) .....				
4. Real estate (Schedule A):				
4.1 Properties held for the production of income (less \$ .....0 encumbrances) .....				
4.2 Properties held for sale (less \$ .....0 encumbrances) .....				
5. Cash (\$ .....7,458 Schedule E - Part 1), and cash equivalents (\$ .....1,146,328 , Schedule E - Part 2) .....	1,153,786		1,153,786	30,018,954
6. Short-term investments (Schedule DA) .....	2,498,428		2,498,428	26,489,846
7. Derivatives (Schedule DB) .....				
8. Other invested assets (Schedule BA) .....				
9. Securities lending reinvested collateral assets (Schedule DL) .....				
10. Aggregate write-ins for invested assets .....				
11. Subtotals, cash and invested assets (Lines 1 to 10) .....	393,404,380	3,593,155,650	3,986,560,030	4,958,743,669
12. Investment income due and accrued .....	2,577,301		2,577,301	12,106,905
13. Receivables for securities .....				15,961
14. Net adjustment in assets and liabilities due to foreign exchange rates .....				
15. Aggregate write-ins for other than invested assets .....				
16. Total (Lines 11 to 15)	395,981,681	3,593,155,650	3,989,137,331	4,970,866,535
DETAILS OF WRITE-INS				
1001. ....				
1002. ....				
1003. ....				
1098. Summary of remaining write-ins for Line 10 from overflow page .....				
1099. Totals (Lines 1001 thru 1003 plus 1098)(Line 10 above)				
1501. ....				
1502. ....				
1503. ....				
1598. Summary of remaining write-ins for Line 15 from overflow page .....				
1599. Totals (Lines 1501 thru 1503 plus 1598)(Line 15 above)				

LIABILITIES AND SURPLUS

	Current Year			Prior Year
	1 General Account Basis	2 Fair Value Basis	3 Total (Cols. 1 + 2)	4 Total
1. Aggregate reserve for life, annuity and accident and health contracts (Exhibit 3, Line 9999999, Col. 2) .....		3,554,036,227	3,554,036,227	2,813,652,555
2. Liability for deposit-type contracts (Exhibit 4, Line 9, Col. 1) .....	388,267,880	33,452,011	421,719,892	2,126,080,432
3. Interest Maintenance Reserve .....	6,140,598		6,140,598	(725,368)
4. Charges for investment management, administration and contract guarantees due or accrued .....				
5. Investment expenses due or accrued (Exhibit 1, Line 24) .....				
6. Investment taxes, licenses and fees due or accrued, excluding federal income taxes (Exhibit 2, Line 8) .....				
7. Federal and foreign income taxes due or accrued (excluding deferred taxes) .....				
8. Reserve for future federal income taxes .....				
9. Unearned investment income .....				
10. Other transfers to general account due or accrued (net) (including \$ .....5,898,770 accrued expense allowances recognized in reserves).....	4,676	9,428,541	9,433,217	8,382,015
11. Remittances and items not allocated .....	(469)	(3,761,132)	(3,761,601)	(3,073,736)
12. Derivatives .....				
13. Payable for securities .....				21,577,841
14. Payable for securities lending .....				
15. Net adjustment in assets and liabilities due to foreign exchange rates .....				
16. Aggregate write-ins for liabilities .....				
17. Total liabilities (including \$ .....9,433,217 due or accrued net transfers to or (from) the general account) .....	394,412,684	3,593,155,647	3,987,568,332	4,965,893,739
18. Contributed surplus .....	1,568,999		1,568,999	4,972,796
19. Aggregate write-ins for special surplus funds .....				
20. Unassigned funds .....				
21. Surplus (Lines 18 through 20) .....	1,568,999		1,568,999	4,972,796
22. Totals	395,981,683	3,593,155,647	3,989,137,331	4,970,866,535
DETAILS OF WRITE-INS				
1601. ....				
1602. ....				
1603. ....				
1698. Summary of remaining write-ins for Line 16 from overflow page .....				
1699. Totals (Lines 1601 thru 1603 plus 1698)(Line 16 above)				
1901. ....				
1902. ....				
1903. ....				
1998. Summary of remaining write-ins for Line 19 from overflow page .....				
1999. Totals (Lines 1901 thru 1903 plus 1998)(Line 19 above)				

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SUMMARY OF OPERATIONS

	1 Current Year	2 Prior Year
1. Transfers to Separate Accounts:		
1.1 Net premiums and annuity considerations for life and accident and health contracts .....	357,915,358	406,582,547
1.2 Considerations for supplementary contracts with life contingencies .....		
1.3 Aggregate write-ins for other transfers to Separate Accounts .....	10,115,679	12,603,998
1.4 Totals (Lines 1.1 to 1.3) .....	368,031,037	419,186,545
2. Transfers on account of deposit-type contracts (including \$ .....13,529,853 deposits less \$ .....1,787,922,399 withdrawals) .....	(1,774,392,546)	(71,939,593)
3. Net investment income and capital gains and losses .....	675,037,322	(145,677,976)
4. Aggregate write-ins for other income .....	(82,290)	
5. Totals (Lines 1.4 to 4) .....	(731,406,477)	201,568,976
DEDUCT:		
6. Transfers from the Separate Account on account of contract benefits:		
6.1 Death benefits .....	528,464	3,658,619
6.2 Matured endowments .....		
6.3 Annuity benefits .....	37,666,111	31,030,069
6.4 Payments on supplementary contracts with life contingencies .....		
6.5 Accident and health benefits .....		
6.6 Surrender benefits and withdrawals for life contracts .....	112,146,392	100,342,877
6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits .....	58,894,979	62,139,256
7. Transfers on account of policy loans .....	3,012,697	6,313,298
8. Net transfer of reserves from or (to) Separate Accounts .....		
9. Other transfers from the Separate Accounts:		
9.1 Federal and foreign income taxes incurred .....		
9.2 Change in expense allowances recognized in reserves .....	90,473	291,290
9.3 Aggregate write-ins for other transfers from Separate Accounts .....		
10. Subtotals (Lines 6.1 to 9.3) .....	212,339,116	203,775,409
11. Fees associated with charges for investment management, administration and contract guarantees .....	23,635,074	24,805,703
12. Increase in aggregate reserve for life and accident and health contracts .....	740,383,671	(1,470,060)
13. Increase in liability for deposit-type contracts .....	(1,704,360,541)	(26,036,150)
14. Increase in reserve for future federal income taxes .....		
15. Aggregate write-ins for reserves and funds .....		
16. Totals (Lines 10 to 15) .....	(728,002,680)	201,074,902
17. Net gain from operations (including \$ .....380,308,704 unrealized capital gains) (Line 5 minus Line 16) .....	(3,403,797)	494,074
SURPLUS ACCOUNT		
18. Surplus, December 31, prior year .....	4,972,796	4,480,179
19. Net gain from operations (Line 17) .....	(3,403,797)	494,074
20. Surplus contributed or (withdrawn) during year .....		
21. Change in reserve on account of change in valuation basis, (increase) or decrease .....		
22. Transfer from Separate Accounts of the change in expense allowances recognized in Line 21 .....		
23. Aggregate write-ins for gains and losses in surplus .....		(1,457)
24. Surplus, December 31, current year (Page 3, Line 21) .....	1,568,999	4,972,796
DETAILS OF WRITE-INS		
01.301. Participant transfers from fixed account .....	10,115,679	12,603,998
01.302. ....		
01.303. ....		
01.398. Summary of remaining write-ins for Line 1.3 from overflow page .....		
01.399. Totals (Lines 01.301 thru 01.303 plus 01.398)(Line 1.3 above) .....	10,115,679	12,603,998
0401. Miscellaneous expense .....	(82,290)	
0402. ....		
0403. ....		
0498. Summary of remaining write-ins for Line 4 from overflow page .....		
0499. Totals (Lines 0401 thru 0403 plus 0498)(Line 4 above) .....	(82,290)	
06.701. Participant transfers to fixed account .....	49,979,348	54,056,579
06.702. Cost of insurance .....	9,028,831	8,151,951
06.703. Miscellaneous gains and losses .....	(113,200)	(69,274)
06.798. Summary of remaining write-ins for Line 6.7 from overflow page .....		
06.799. Totals (Lines 06.701 thru 06.703 plus 06.798)(Line 6.7 above) .....	58,894,979	62,139,256
09.301. ....		
09.302. ....		
09.303. ....		
09.398. Summary of remaining write-ins for Line 9.3 from overflow page .....		
09.399. Totals (Lines 09.301 thru 09.303 plus 09.398)(Line 9.3 above) .....		
1501. ....		
1502. ....		
1503. ....		
1598. Summary of remaining write-ins for Line 15 from overflow page .....		
1599. Totals (Lines 1501 thru 1503 plus 1598)(Line 15 above) .....		
2301. Miscellaneous gains and losses in surplus .....		(1,457)
2302. ....		
2303. ....		
2398. Summary of remaining write-ins for Line 23 from overflow page .....		
2399. Totals (Lines 2301 thru 2303 plus 2398)(Line 23 above) .....		(1,457)

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - SUMMARY

	1	2	3	4	5	6	7
	Total	Individual Life	Group Life	Individual Annuities	Group Annuities	Accident and Health	Other Lines of Business
1. Transfers to Separate Accounts:							
1.1 Net premiums and annuity considerations for life and accident and health contracts .....	357,915,358	65,007,026	20,934,946	271,973,385			
1.2 Considerations for supplementary contracts with life contingencies .....		XXX	XXX			XXX	
1.3 Aggregate write-ins for other transfers to Separate Accounts .....	10,115,679	1,760,178	1,625,204	6,730,297			
1.4 Totals (Lines 1.1 to 1.3).....	368,031,037	66,767,204	22,560,150	278,703,682			
2. Transfers on account of deposit-type contracts (including \$ .....13,529,853 deposits less \$ .....1,787,922,399 withdrawals) .....	(1,774,392,546)			5,980,732	(1,780,373,278)		
3. Net investment income and capital gains and losses .....	675,037,324	57,050,878	30,897,849	521,279,685	65,808,912		
4. Aggregate write-ins for other income .....	(82,289)				(82,289)		
5. Totals (Lines 1.4 to 4) .....	(731,406,475)	123,818,082	53,457,999	805,964,099	(1,714,646,656)		
DEDUCT:							
6. Transfers from the Separate Account on account of contract benefits:							
6.1 Death benefits .....	528,464	105,132	423,332			XXX	
6.2 Matured endowments .....						XXX	
6.3 Annuity benefits .....	37,666,111	XXX	XXX	37,666,111		XXX	
6.4 Payments on supplementary contracts with life contingencies .....		XXX	XXX			XXX	
6.5 Accident and health benefits .....		XXX	XXX	XXX	XXX		
6.6 Surrender benefits and withdrawals for life contracts .....	112,146,392	5,472,900	1,903,242	104,770,251		XXX	
6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits .....	58,894,980	10,438,215	7,010,861	41,445,904			
7. Transfers on account of policy loans .....	3,012,697	2,524,653	488,044			XXX	
8. Net transfer of reserves from or (to) Separate Accounts .....							
9. Other transfers from the Separate Accounts:							
9.1 Federal and foreign income taxes incurred .....						XXX	
9.2 Change in expense allowances recognized in reserves .....	90,473	(39,791)	130,264			XXX	
9.3 Aggregate write-ins for other transfers from Separate Accounts .....							
10. Subtotals (Lines 6.1 to 9.3) .....	212,339,117	18,501,109	9,955,743	183,882,266			
11. Fees associated with charges for investment management, administration and contract guarantees .....	23,635,073	2,455,488	4,032,457	11,536,994	5,610,135		
12. Increase in aggregate reserve for life and accident and health contracts .....	740,383,671	102,861,485	39,469,800	598,052,385			
13. Increase in liability for deposit-type contracts .....	(1,704,360,541)			12,492,454	(1,716,852,994)	XXX	
14. Increase in reserve for future federal income taxes .....							
15. Aggregate write-ins for reserves and funds .....							
16. Totals (Lines 10 to 15) .....	(728,002,679)	123,818,082	53,457,999	805,964,099	(1,711,242,860)		
17. Net gain from operations (including \$ .....380,308,704 unrealized capital gains) (Line 5 minus Line 16) .....	(3,403,796)				(3,403,796)		
18. Policies/certificates in force end of year .....	20,940	3,449	922	16,569			
DETAILS OF WRITE-INS							
01.301. Participant transfers from fixed account .....	10,115,679	1,760,178	1,625,204	6,730,297			
01.302. ....							
01.303. ....							
01.398. Summary of remaining write-ins for Line 1.3 from overflow page .....							
01.399. Totals (Lines 01.301 thru 01.303 plus 01.398) (Line 1.3 above) .....	10,115,679	1,760,178	1,625,204	6,730,297			
0401. Miscellaneous income .....	(82,289)				(82,289)		
0402. ....							
0403. ....							
0498. Summary of remaining write-ins for Line 4 from overflow page .....							
0499. Totals (Lines 0401 thru 0403 plus 0498) (Line 4 above) .....	(82,289)				(82,289)		
06.701. Participant transfers to fixed account .....	49,979,349	6,102,004	2,339,010	41,538,335			
06.702. Cost of insurance .....	9,028,830	4,368,893	4,659,937				
06.703. Miscellaneous gains and losses .....	(113,199)	(32,682)	11,914	(92,431)			
06.798. Summary of remaining write-ins for Line 6.7 from overflow page .....							
06.799. Totals (Lines 06.701 thru 06.703 plus 06.798) (Line 6.7 above) .....	58,894,980	10,438,215	7,010,861	41,445,904			
09.301. ....							
09.302. ....							
09.303. ....							
09.398. Summary of remaining write-ins for Line 9.3 from overflow page .....							
09.399. Totals (Lines 09.301 thru 09.303 plus 09.398) (Line 9.3 above) .....							
1501. ....							
1502. ....							
1503. ....							
1598. Summary of remaining write-ins for Line 15 from overflow page .....							
1599. Totals (Lines 1501 thru 1503 plus 1598) (Line 15 above) .....							

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - INDIVIDUAL LIFE INSURANCE (b)

	1	2	3	4	5	6	7	8	9	10	11
	Total	Industrial Life	Whole Life	Term Life	Indexed Life	Universal Life	Universal Life with Secondary Guarantees	Variable Life	Variable Universal Life	Credit Life (N/A Fraternal)	Other Individual Life
1. Transfers to Separate Accounts:											
1.1 Net premiums for life contracts (a)	65,007,026	XXX							65,007,026	XXX	
1.2 Considerations for supplementary contracts with life contingencies	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
1.3 Aggregate write-ins for other transfers to Separate Accounts	1,760,178	XXX							1,760,178	XXX	
1.4 Totals (Lines 1.1 to 1.3)	66,767,204	XXX							66,767,204	XXX	
2. Transfers on account of deposit-type contracts (including \$ deposits less \$ 0 withdrawals)		XXX								XXX	
3. Net investment income and capital gains and losses	57,050,878	XXX							57,050,878	XXX	
4. Aggregate write-ins for other income		XXX								XXX	
5. Totals (Lines 1.4 to 4)	123,818,082	XXX							123,818,082	XXX	
DEDUCT:											
6. Transfers from the Separate Account on account of contract benefits:											
6.1 Death benefits	105,132	XXX							105,132	XXX	
6.2 Matured endowments		XXX								XXX	
6.3 Annuity benefits	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
6.4 Payments on supplementary contracts with life contingencies	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
6.5 Accident and health benefits	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
6.6 Surrender benefits and withdrawals for life contracts	5,472,900	XXX							5,472,900	XXX	
6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits	10,438,215	XXX							10,438,215	XXX	
7. Transfers on account of policy loans	2,524,653	XXX							2,524,653	XXX	
8. Net transfer of reserves from or (to) Separate Accounts		XXX								XXX	
9. Other transfers from the Separate Accounts:											
9.1 Federal and foreign income taxes incurred		XXX								XXX	
9.2 Change in expense allowances recognized in reserves	(39,791)	XXX							(39,791)	XXX	
9.3 Aggregate write-ins for other transfers from Separate Accounts		XXX								XXX	
10. Subtotals (Lines 6.1 to 9.3)	18,501,109	XXX							18,501,109	XXX	
11. Fees associated with charges for investment management, administration and contract guarantees	2,455,488	XXX							2,455,488	XXX	
12. Increase in aggregate reserve for life and accident and health contracts	102,861,485	XXX							102,861,485	XXX	
13. Increase in liability for deposit-type contracts		XXX								XXX	
14. Increase in reserve for future federal income taxes		XXX								XXX	
15. Aggregate write-ins for reserves and funds		XXX								XXX	
16. Totals (Lines 10 to 15)	123,818,082	XXX							123,818,082	XXX	
17. Net gain from operations (including \$ 32,141,846 unrealized capital gains) (Line 5 minus Line 16)		XXX								XXX	
18. Policies/certificates in force end of year	3,449	XXX							3,449	XXX	
DETAILS OF WRITE-INS											
01.301. Participant transfers from fixed account	1,760,178	XXX							1,760,178	XXX	
01.302.		XXX								XXX	
01.303.		XXX								XXX	
01.398. Summary of remaining write-ins for Line 1.3 from overflow page		XXX								XXX	
01.399. Totals (Lines 01.301 thru 01.303 plus 01.398) (Line 1.3 above)	1,760,178	XXX							1,760,178	XXX	
0401.		XXX								XXX	
0402.		XXX								XXX	
0403.		XXX								XXX	
0498. Summary of remaining write-ins for Line 4 from overflow page		XXX								XXX	
0499. Totals (Lines 0401 thru 0403 plus 0498) (Line 4 above)		XXX								XXX	
06.701. Participant transfers to fixed account	6,102,004	XXX							6,102,004	XXX	
06.702. Cost of insurance	4,368,893	XXX							4,368,893	XXX	
06.703. Miscellaneous gains and losses	(32,682)	XXX							(32,682)	XXX	
06.798. Summary of remaining write-ins for Line 6.7 from overflow page		XXX								XXX	
06.799. Totals (Lines 06.701 thru 06.703 plus 06.798) (Line 6.7 above)	10,438,215	XXX							10,438,215	XXX	
09.301.		XXX								XXX	
09.302.		XXX								XXX	
09.303.		XXX								XXX	
09.398. Summary of remaining write-ins for Line 9.3 from overflow page		XXX								XXX	
09.399. Totals (Lines 09.301 thru 09.303 plus 09.398) (Line 9.3 above)		XXX								XXX	
1501.		XXX								XXX	
1502.		XXX								XXX	
1503.		XXX								XXX	
1598. Summary of remaining write-ins for Line 15 from overflow page		XXX								XXX	
1599. Totals (Lines 1501 thru 1503 plus 1598) (Line 15 above)		XXX								XXX	

(a) Include premium amounts for preneed plans included in Line 1

(b) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected.

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - GROUP LIFE INSURANCE (c)

(N/A Fraternal)

	1	2	3	4	5	6	7	8
	Total	Whole Life	Term Life	Variable Life	Universal Life	Variable Universal Life	Credit Life	Other Group Life (a)
1. Transfers to Separate Accounts:								
1.1 Net premiums for life contracts (b) .....	20,934,946					20,934,946	XXX	
1.2 Considerations for supplementary contracts with life contingencies .....	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
1.3 Aggregate write-ins for other transfers to Separate Accounts .....	1,625,204					1,625,204	XXX	
1.4 Totals (Lines 1.1 to 1.3).....	22,560,150					22,560,150	XXX	
2. Transfers on account of deposit-type contracts (including \$ .....0 deposits less								
\$ .....0 withdrawals) .....							XXX	
3. Net investment income and capital gains and losses .....	30,897,849					30,897,849	XXX	
4. Aggregate write-ins for other income .....							XXX	
5. Totals (Lines 1.4 to 4) .....	53,457,999					53,457,999	XXX	
DEDUCT:								
6. Transfers from the Separate Account on account of contract benefits:								
6.1 Death benefits .....	423,332					423,332	XXX	
6.2 Matured endowments .....							XXX	
6.3 Annuity benefits .....	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
6.4 Payments on supplementary contracts with life contingencies .....	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
6.5 Accident and health benefits .....	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
6.6 Surrender benefits and withdrawals for life contracts .....	1,903,242					1,903,242	XXX	
6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits .....	7,010,861					7,010,861	XXX	
7. Transfers on account of policy loans .....	488,044					488,044	XXX	
8. Net transfer of reserves from or (to) Separate Accounts .....							XXX	
9. Other transfers from the Separate Accounts:								
9.1 Federal and foreign income taxes incurred .....							XXX	
9.2 Change in expense allowances recognized in reserves .....	130,284					130,284	XXX	
9.3 Aggregate write-ins for other transfers from Separate Accounts .....							XXX	
10. Subtotals (Lines 6.1 to 9.3) .....	9,955,743					9,955,743	XXX	
11. Fees associated with charges for investment management, administration and contract guarantees .....	4,032,457					4,032,457	XXX	
12. Increase in aggregate reserve for life and accident and health contracts .....	39,469,800					39,469,800	XXX	
13. Increase in liability for deposit-type contracts .....							XXX	
14. Increase in reserve for future federal income taxes .....							XXX	
15. Aggregate write-ins for reserves and funds .....							XXX	
16. Totals (Lines 10 to 15) .....	53,457,999					53,457,999	XXX	
17. Net gain from operations (including \$ .....17,407,513 unrealized capital gains) (Line 5 minus Line 16) .....							XXX	
18. Policies/certificates in force end of year .....	922					922	XXX	
DETAILS OF WRITE-INS								
01.301. Participant transfers from fixed account .....	1,625,204					1,625,204	XXX	
01.302. ....							XXX	
01.303. ....							XXX	
01.398. Summary of remaining write-ins for Line 1.3 from overflow page .....							XXX	
01.399. Totals (Lines 01.301 thru 01.303 plus 01.398) (Line 1.3 above) .....	1,625,204					1,625,204	XXX	
0401. ....							XXX	
0402. ....							XXX	
0403. ....							XXX	
0498. Summary of remaining write-ins for Line 4 from overflow page .....							XXX	
0499. Totals (Lines 0401 thru 0403 plus 0498) (Line 4 above) .....							XXX	
06.701. Cost of insurance .....	4,659,937					4,659,937	XXX	
06.702. Participant transfers to fixed account .....	2,339,010					2,339,010	XXX	
06.703. Miscellaneous gains and losses .....	11,914					11,914	XXX	
06.798. Summary of remaining write-ins for Line 6.7 from overflow page .....							XXX	
06.799. Totals (Lines 06.701 thru 06.703 plus 06.798) (Line 6.7 above) .....	7,010,861					7,010,861	XXX	
09.301. ....							XXX	
09.302. ....							XXX	
09.303. ....							XXX	
09.398. Summary of remaining write-ins for Line 9.3 from overflow page .....							XXX	
09.399. Totals (Lines 09.301 thru 09.303 plus 09.398) (Line 9.3 above) .....							XXX	
1501. ....							XXX	
1502. ....							XXX	
1503. ....							XXX	
1598. Summary of remaining write-ins for Line 15 from overflow page .....							XXX	
1599. Totals (Lines 1501 thru 1503 plus 1598) (Line 15 above) .....							XXX	

(a) Includes the following amounts for FEGLI/SGLI: Line 1 , Line 10 , Line 16 , Line 23 , Line 24

(b) Include premium amounts for preneed plans included in Line 1

(c) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected.



ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - INDIVIDUAL ANNUITIES (a)

	1	Deferred				6 Life Contingent Payout (Immediate and Annuitizations)	7  Other Annuities
		2	3	4	5		
	Total	Fixed Annuities	Indexed Annuities	Variable Annuities With Guarantees	Variable Annuities Without Guarantees		
1. Transfers to Separate Accounts:							
1.1 Net annuity considerations for annuity contracts .....	271,973,385			271,973,385			
1.2 Considerations for supplementary contracts with life contingencies .....		XXX	XXX	XXX	XXX		XXX
1.3 Aggregate write-ins for other transfers to Separate Accounts .....	6,730,297			6,730,297			
1.4 Totals (Lines 1.1 to 1.3) .....	278,703,682			278,703,682			
2. Transfers on account of deposit-type contracts (including \$ .....13,529,853 deposits less \$ .....7,549,122 withdrawals) .....	5,980,732						5,980,732
3. Net investment income and capital gains and losses .....	521,279,685			508,652,437		6,025,466	6,601,782
4. Aggregate write-ins for other income .....							
5. Totals (Lines 1.4 to 4) .....	805,964,099			787,356,119		6,025,466	12,582,514
DEDUCT:							
6. Transfers from the Separate Account on account of contract benefits:							
6.1 Death benefits .....							
6.2 Matured endowments .....							
6.3 Annuity benefits .....	37,666,111			35,807,047		1,859,064	
6.4 Payments on supplementary contracts with life contingencies .....		XXX	XXX	XXX	XXX		XXX
6.5 Accident and health benefits .....	XXX	XXX	XXX	XXX	XXX	XXX	XXX
6.6 Surrender benefits and withdrawals for life contracts .....	104,770,251			104,770,251			
6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits .....	41,445,904			41,450,073		(2,207)	(1,962)
7. Transfers on account of policy loans .....							
8. Net transfer of reserves from or (to) Separate Accounts .....							
9. Other transfers from the Separate Accounts:							
9.1 Federal and foreign income taxes incurred .....							
9.2 Change in expense allowances recognized in reserves .....							
9.3 Aggregate write-ins for other transfers from Separate Accounts .....							
10. Subtotals (Lines 6.1 to 9.3) .....	183,882,266			182,027,371		1,856,857	(1,962)
11. Fees associated with charges for investment management, administration and contract guarantees .....	11,536,994			11,341,448		103,524	92,022
12. Increase in aggregate reserve for life and accident and health contracts .....	598,052,385			593,987,301		4,065,084	
13. Increase in liability for deposit-type contracts .....	12,492,454						12,492,454
14. Increase in reserve for future federal income taxes .....							
15. Aggregate write-ins for reserves and funds .....							
16. Totals (Lines 10 to 15) .....	805,964,099			787,356,120		6,025,466	12,582,513
17. Net gain from operations (including \$ .....293,683,319 unrealized capital gains) (Line 5 minus Line 16) .....							
18. Policies/certificates in force end of year .....	16,569			16,453		116	
DETAILS OF WRITE-INS							
01.301. Participant transfers from fixed account .....	6,730,297			6,730,297			
01.302. ....							
01.303. ....							
01.398. Summary of remaining write-ins for Line 1.3 from overflow page .....							
01.399. Totals (Lines 01.301 thru 01.303 plus 01.398) (Line 1.3 above) .....	6,730,297			6,730,297			
0401. ....							
0402. ....							
0403. ....							
0498. Summary of remaining write-ins for Line 4 from overflow page .....							
0499. Totals (Lines 0401 thru 0403 plus 0498) (Line 4 above) .....							
06.701. Participant transfers to fixed account .....	41,538,336			41,538,336			
06.702. Miscellaneous gains and losses .....	(92,432)			(88,263)		(2,207)	(1,962)
06.703. ....							
06.798. Summary of remaining write-ins for Line 6.7 from overflow page .....							
06.799. Totals (Lines 06.701 thru 06.703 plus 06.798) (Line 6.7 above) .....	41,445,904			41,450,073		(2,207)	(1,962)
09.301. ....							
09.302. ....							
09.303. ....							
09.398. Summary of remaining write-ins for Line 9.3 from overflow page .....							
09.399. Totals (Lines 09.301 thru 09.303 plus 09.398) (Line 9.3 above) .....							
1501. ....							
1502. ....							
1503. ....							
1598. Summary of remaining write-ins for Line 15 from overflow page .....							
1599. Totals (Lines 1501 thru 1503 plus 1598) (Line 15 above) .....							

(a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected. ....

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - GROUP ANNUITIES (a)

(N/A Fraternal)

	1	Deferred				6 Life Contingent Payout (Immediate and Annuitizations)	7  Other Annuities
		2	3	4	5		
	Total	Fixed Annuities	Indexed Annuities	Variable Annuities With Guarantees	Variable Annuities Without Guarantees		
1. Transfers to Separate Accounts:							
1.1 Net annuity considerations for annuity contracts		XXX	XXX	XXX	XXX		XXX
1.2 Considerations for supplementary contracts with life contingencies							
1.3 Aggregate write-ins for other transfers to Separate Accounts							
1.4 Totals (Lines 1.1 to 1.3)							
2. Transfers on account of deposit-type contracts (including \$ 0 deposits less \$ 1,780,373,278 withdrawals)	(1,780,373,278)						(1,780,373,278)
3. Net investment income and capital gains and losses	65,808,912						65,808,912
4. Aggregate write-ins for other income	(82,290)						(82,290)
5. Totals (Lines 1.4 to 4)	(1,714,646,657)						(1,714,646,657)
DEDUCT:							
6. Transfers from the Separate Account on account of contract benefits:							
6.1 Death benefits							
6.2 Matured endowments							
6.3 Annuity benefits							
6.4 Payments on supplementary contracts with life contingencies		XXX	XXX	XXX	XXX		XXX
6.5 Accident and health benefits	XXX	XXX	XXX	XXX	XXX	XXX	XXX
6.6 Surrender benefits and withdrawals for life contracts							
6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits							
7. Transfers on account of policy loans							
8. Net transfer of reserves from or (to) Separate Accounts							
9. Other transfers from the Separate Accounts:							
9.1 Federal and foreign income taxes incurred							
9.2 Change in expense allowances recognized in reserves							
9.3 Aggregate write-ins for other transfers from Separate Accounts							
10. Subtotals (Lines 6.1 to 9.3)							
11. Fees associated with charges for investment management, administration and contract guarantees	5,610,135						5,610,135
12. Increase in aggregate reserve for life and accident and health contracts							
13. Increase in liability for deposit-type contracts	(1,716,852,994)						(1,716,852,994)
14. Increase in reserve for future federal income taxes							
15. Aggregate write-ins for reserves and funds							
16. Totals (Lines 10 to 15)	(1,711,242,860)						(1,711,242,860)
17. Net gain from operations (including \$ 37,076,027 unrealized capital gains) (Line 5 minus Line 16)	(3,403,797)						(3,403,797)
18. Policies/certificates in force end of year							
DETAILS OF WRITE-INS							
01.301.							
01.302.							
01.303.							
01.398. Summary of remaining write-ins for Line 1.3 from overflow page							
01.399. Totals (Lines 01.301 thru 01.303 plus 01.398) (Line 1.3 above)							
0401. Miscellaneous income	(82,290)						(82,290)
0402.							
0403.							
0498. Summary of remaining write-ins for Line 4 from overflow page							
0499. Totals (Lines 0401 thru 0403 plus 0498) (Line 4 above)	(82,290)						(82,290)
06.701.							
06.702.							
06.703.							
06.798. Summary of remaining write-ins for Line 6.7 from overflow page							
06.799. Totals (Lines 06.701 thru 06.703 plus 06.798) (Line 6.7 above)							
09.301.							
09.302.							
09.303.							
09.398. Summary of remaining write-ins for Line 9.3 from overflow page							
09.399. Totals (Lines 09.301 thru 09.303 plus 09.398) (Line 9.3 above)							
1501.							
1502.							
1503.							
1598. Summary of remaining write-ins for Line 15 from overflow page							
1599. Totals (Lines 1501 thru 1503 plus 1598) (Line 15 above)							

(a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected.

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - ACCIDENT AND HEALTH (a)

	1	Comprehensive		4	5	6	7	8	9	10	11	12	13
		2	3										
	Total	Individual	Group	Medicare Supplement	Vision Only	Dental Only	Federal Employees Health Benefits Plan	Title XVIII Medicare	Title XIX Medicaid	Credit A&H	Disability Income	Long-Term Care	Other Health
1. Transfers to Separate Accounts:													
1.1 Net Premiums for accident and health contracts	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
1.2 Considerations for supplementary contracts with life contingencies													
1.3 Aggregate write-ins for other transfers to Separate Accounts													
1.4 Totals (Lines 1.1 to 1.3)													
2. Transfers on account of deposit-type contracts (including \$ deposits less \$ withdrawals)													
3. Net investment income and capital gains and losses													
4. Aggregate write-ins for other income													
5. Totals (Lines 1.4 to 4)													
DEDUCT:													
6. Transfers from the Separate Account on account of contract benefits:													
6.1 Death benefits	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
6.2 Matured endowments	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
6.3 Annuity benefits	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
6.4 Payments on supplementary contracts with life contingencies	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
6.5 Accident and health benefits													
6.6 Surrender benefits and withdrawals for life contracts	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits													
7. Transfers on account of policy loans	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
8. Net transfer of reserves from or (to) Separate Accounts													
9. Other transfers from the Separate Accounts:													
9.1 Federal and foreign income taxes incurred	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
9.2 Change in expense allowances recognized in reserves	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
9.3 Aggregate write-ins for other transfers from Separate Accounts													
10. Subtotals (Lines 6.1 to 9.3)													
11. Fees associated with charges for investment management, administration and contract guarantees													
12. Increase in aggregate reserve for life and accident and health contracts	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
13. Increase in liability for deposit-type contracts													
14. Increase in reserve for future federal income taxes													
15. Aggregate write-ins for reserves and funds													
16. Totals (Lines 10 to 15)													
17. Net gain from operations (including \$ unrealized capital gains) (Line 5 minus Line 16)													
18. Policies/certificates in force end of year													
DETAILS OF WRITE-INS													
01.301.													
01.302.													
01.303.													
01.398. Summary of remaining write-ins for Line 1.3 from overflow page													
01.399. Totals (Lines 01.301 thru 01.303 plus 01.398) (Line 1.3 above)													
0401.													
0402.													
0403.													
0498. Summary of remaining write-ins for Line 4 from overflow page													
0499. Totals (Lines 0401 thru 0403 plus 0498) (Line 4 above)													
06.701.													
06.702.													
06.703.													
06.798. Summary of remaining write-ins for Line 6.7 from overflow page													
06.799. Totals (Lines 06.701 thru 06.703 plus 06.798) (Line 6.7 above)													
09.301.													
09.302.													
09.303.													
09.398. Summary of remaining write-ins for Line 9.3 from overflow page													
09.399. Totals (Lines 09.301 thru 09.303 plus 09.398) (Line 9.3 above)													
1501.													
1502.													
1503.													
1598. Summary of remaining write-ins for Line 15 from overflow page													
1599. Totals (Lines 1501 thru 1503 plus 1598) (Line 15 above)													

(a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected.

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

ANALYSIS OF INCREASE IN RESERVES DURING THE YEAR - INDIVIDUAL LIFE INSURANCE (a)

	1	2	3	4	5	6	7	8	9	10	11
	Total	Industrial Life	Whole Life	Term Life	Indexed Life	Universal Life	Universal Life With Secondary Guarantees	Variable Life	Variable Universal Life	Credit Life (N/A Fraternal)	Other Individual Life
1. Reserve December 31 of prior year .....	236,507,960	XXX							236,507,960	XXX	
2. Tabular net premiums and considerations for annuities and supplementary contracts with life contingencies .....	65,007,026	XXX							65,007,026	XXX	
3. Increase or (decrease) from investment results after provision for federal income taxes .....	57,050,877	XXX							57,050,877	XXX	
4. Tabular less actual reserve released .....		XXX								XXX	
5. Increase in reserve on account of change in valuation basis .....		XXX								XXX	
5.1 Change in excess of VM-20 deterministic/stochastic reserve over net premium reserve .....		XXX								XXX	
6. Other increases (net) .....		XXX								XXX	
7. Totals (Lines 1 to 6) .....	358,565,863	XXX							358,565,863	XXX	
8. Net transfer of reserves from or (to) Separate Accounts .....	8,678,036	XXX							8,678,036	XXX	
9. Tabular cost .....		XXX								XXX	
10. Reserves released by death .....	105,132	XXX							105,132	XXX	
11. Reserves released by other terminations (net) .....	7,997,553	XXX							7,997,553	XXX	
12. Transfers on account of annuity and supplementary contract payments involving life contingencies .....	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
13. Charges for investment management, administration and contract guarantees .....	2,455,488	XXX							2,455,488	XXX	
14. Aggregate write-ins for other decreases in reserves .....	(39,791)	XXX							(39,791)	XXX	
15. Total deductions (Lines 8 to 14) .....	19,196,418	XXX							19,196,418	XXX	
16. Reserve December 31 of current year .....	339,369,445	XXX							339,369,445	XXX	
<b>Cash Surrender Value and Policy Loans</b>											
17. CSV ending balance December 31, current year .....		XXX								XXX	
18. Amount available for policy loans based upon Line 17 CSV .....		XXX								XXX	
<b>DETAILS OF WRITE-INS</b>											
1401. Expense allowance .....	(39,791)	XXX							(39,791)	XXX	
1402. ....		XXX								XXX	
1403. ....		XXX								XXX	
1498. Summary of remaining write-ins for Line 14 from overflow page .....		XXX								XXX	
1499. TOTALS (Lines 1401 thru 1403 plus 1498) (Line 14 above) .....	(39,791)	XXX							(39,791)	XXX	

(a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected. ....

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

ANALYSIS OF INCREASE IN RESERVES DURING THE YEAR - GROUP LIFE INSURANCE (a)

(N/A Fraternal)

	1	2	3	4	5	6	7	8
	Total	Whole Life	Term Life	Universal Life	Variable Life	Variable Universal Life	Credit Life	Other Group Life
1. Reserve December 31 of prior year .....	124,376,368					124,376,368	XXX	
2. Tabular net premiums and considerations .....	20,934,946					20,934,946	XXX	
3. Increase or (decrease) from investment results after provision for federal income taxes .....	30,897,849					30,897,849	XXX	
4. Tabular less actual reserve released .....							XXX	
5. Increase in reserve on account of change in valuation basis .....							XXX	
6. Other increases (net) .....							XXX	
7. Totals (Lines 1 to 6) .....	176,209,163					176,209,163	XXX	
8. Net transfer of reserves from or (to) Separate Accounts .....	5,385,657					5,385,657	XXX	
9. Tabular cost .....						XXX	XXX	
10. Reserves released by death .....	423,332					423,332	XXX	
11. Reserves released by other terminations (net) .....	2,391,285					2,391,285	XXX	
12. Transfers on account of annuity and supplementary contract payments involving life contingencies .....	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
13. Charges for investment management, administration and contract guarantees .....	4,032,457					4,032,457	XXX	
14. Aggregate write-ins for other decreases in reserves .....	130,264					130,264	XXX	
15. Total deductions (Lines 8 to 14) .....	12,362,995					12,362,995	XXX	
16. Reserve December 31 of current year .....	163,846,168					163,846,168	XXX	
<b>Cash Surrender Value and Policy Loans</b>								
17. CSV ending balance December 31, current year .....							XXX	
18. Amount available for policy loans based upon line 17 CSV .....							XXX	
<b>DETAILS OF WRITE-INS</b>								
1401. Expense allowance .....	130,264					130,264	XXX	
1402. ....							XXX	
1403. ....							XXX	
1498. Summary of remaining write-ins for Line 14 from overflow page .....							XXX	
1499. TOTALS (Lines 1401 thru 1403 plus 1498) (Line 14 above) .....	130,264					130,264	XXX	

(a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected. ....

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

ANALYSIS OF INCREASE IN RESERVES DURING THE YEAR - INDIVIDUAL ANNUITIES (a)

	1	Deferred				6 Life Contingent Payout (Immediate and Annuitizations)	7 Other Annuities
		2	3	4	5		
	Total	Fixed Annuities	Indexed Annuities	Variable Annuities With Guarantees	Variable Annuities Without Guarantees		
1. Reserve December 31 of prior year .....	2,452,768,227			2,431,694,514		21,073,713	
2. Tabular net premiums and considerations .....	271,973,385			271,973,385			
3. Increase or (decrease) from investment results after provision for federal income taxes .....	514,677,902			508,652,436		6,025,466	
4. Tabular less actual reserve released .....							
5. Increase in reserve on account of change in valuation basis .....							
6. Other increases (net) .....							
7. Totals (Lines 1 to 6) .....	3,239,419,514			3,212,320,335		27,099,179	
8. Net transfer of reserves from or (to) Separate Accounts .....	34,717,568			34,719,775		(2,207)	
9. Tabular cost .....							
10. Reserves released by death .....	XXX	XXX	XXX	XXX	XXX	XXX	XXX
11. Reserves released by other terminations (net) .....							
12. Transfers on account of annuity and supplementary contract payments involving life contingencies .....	142,436,361			140,577,297		1,859,064	
13. Charges for investment management, administration and contract guarantees .....	11,444,973			11,341,449		103,524	
14. Aggregate write-ins for other decreases in reserves .....							
15. Total deductions (Lines 8 to 14) .....	188,598,902			186,638,521		1,960,381	
16. Reserve December 31 of current year .....	3,050,820,612			3,025,681,814		25,138,798	
<b>Cash Surrender Value and Policy Loans</b>							
17. CSV ending balance December 31, current year .....							
18. Amount available for policy loans based upon line 17 CSV .....							
<b>DETAILS OF WRITE-INS</b>							
1401. ....							
1402. ....							
1403. ....							
1498. Summary of remaining write-ins for Line 14 from overflow page .....							
1499. TOTALS (Lines 1401 thru 1403 plus 1498) (Line 14 above) .....							

(a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected. ....



ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

ANALYSIS OF INCREASE IN RESERVES DURING THE YEAR - GROUP ANNUITIES (a)

(N/A Fraternal)

	1	Deferred				6	7
		2	3	4	5		
	Total	Fixed Annuities	Indexed Annuities	Variable Annuities With Guarantees	Variable Annuities Without Guarantees	Life Contingent Payout (Immediate and Annuitizations)	Other Annuities
1. Reserve December 31 of prior year .....							
2. Tabular net premiums and considerations .....							
3. Increase or (decrease) from investment results after provision for federal income taxes .....							
4. Tabular less actual reserve released .....							
5. Increase in reserve on account of change in valuation basis .....							
6. Other increases (net) .....							
7. Totals (Lines 1 to 6) .....							
8. Net transfer of reserves from or (to) Separate Accounts .....							
9. Tabular cost .....							
10. Reserves released by death .....	xxx	xxx	xxx	xxx	xxx	xxx	xxx
11. Reserves released by other terminations (net) .....							
12. Transfers on account of annuity and supplementary contract payments involving life contingencies .....							
13. Charges for investment management, administration and contract guarantees .....							
14. Aggregate write-ins for other decreases in reserves .....							
15. Total deductions (Lines 8 to 14) .....							
16. Reserve December 31 of current year .....							
Cash Surrender Value and Policy Loans							
17. CSV ending balance December 31, current year .....							
18. Amount available for policy loans based upon line 17 CSV							
DETAILS OF WRITE-INS							
1401. ....							
1402. ....							
1403. ....							
1498. Summary of remaining write-ins for Line 14 from overflow page .....							
1499. TOTALS (Lines 1401 thru 1403 plus 1498) (Line 14 above)							

(a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected. ....

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

ANALYSIS OF RESERVES DURING THE YEAR - ACCIDENT AND HEALTH(a)

	1 Total	Comprehensive		4 Medicare Supplement	5 Vision Only	6 Dental Only	7 Federal Employees Health Benefits Plan	8 Title XVIII Medicare	9 Title XIX Medicaid	10 Credit A&H	11 Disability Income	12 Long-Term Care	13 Other Health
		2 Individual	3 Group										
ACTIVE LIFE RESERVE													
1. Unearned premium reserves .....													
2. Additional contract reserves (a) .....													
3. Additional actuarial reserves-Asset/Liability analysis .....													
4. Reserve for future contingent benefits .....													
5. Reserve for rate credits .....													
6. Aggregate write-ins for reserves .....													
7. Totals (Gross) .....													
8. Reinsurance ceded .....													
9. Totals (Net) .....													
CLAIM RESERVE													
10. Present value of amounts not yet due on claims .....													
11. Additional actuarial reserves-Asset/Liability analysis .....													
12. Reserve for future contingent benefits .....													
13. Aggregate write-ins for reserves .....													
14. Totals (Gross) .....													
15. Reinsurance ceded .....													
16. Totals (Net) .....													
17. TOTAL (Net) .....													
18. TABULAR FUND INTEREST .....													
DETAILS OF WRITE-INS													
0601. ....													
0602. ....													
0603. ....													
0698. Summary of remaining write-ins for Line 6 from overflow page .....													
0699. TOTALS (Lines 0601 thru 0603 plus 0698) (Line 6 above) .....													
1301. ....													
1302. ....													
1303. ....													
1398. Summary of remaining write-ins for Line 13 from overflow page .....													
1399. TOTALS (Lines 1301 thru 1303 plus 1398) (Line 13 above) .....													

(a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected. ....

EXHIBIT OF NET INVESTMENT INCOME

		1	2
		Collected During Year	Earned During Year
1.	U.S. Government bonds .....	(a) .....1,838,790	.....1,799,435
1.1	Bonds exempt from U.S. tax .....	(a) .....	.....
1.2	Other bonds (unaffiliated) .....	(a) .....52,304,834	.....42,966,406
1.3	Bonds of affiliates .....	(a) .....	.....
2.1	Preferred stocks (unaffiliated) .....	(b) .....	.....
2.11	Preferred stocks of affiliates .....	(b) .....	.....
2.2	Common stocks (unaffiliated) .....	.....152,169,844	.....152,169,844
2.21	Common stocks of affiliates .....	.....	.....
3.	Mortgage loans .....	(c) .....	.....
4.	Real estate .....	(d) .....	.....
5	Contract loans .....	.....	.....
6	Cash, cash equivalents and short-term investments .....	(e) .....961,389	.....809,572
7	Derivative instruments .....	(f) .....	.....
8.	Other invested assets .....	.....	.....
9.	Aggregate write-ins for investment income .....	.....(59,889)	.....20,064,321
10.	Total gross investment income .....	.....207,214,968	.....217,809,579
11.	Investment expenses .....		(g) .....
12.	Investment taxes, licenses and fees, excluding federal income taxes .....		(g) .....
13.	Interest expense .....		(h) .....
14.	Depreciation on real estate and other invested assets .....		(i) .....
15.	Aggregate write-ins for deductions from investment income .....		.....
16.	Total deductions (Lines 11 through 15) .....		.....
17.	Net investment income (Line 10 minus Line 16) .....		.....217,809,579
<b>DETAILS OF WRITE-INS</b>			
0901.	Amortization of IMR .....		.....20,124,210
0902.	Miscellaneous investment income .....	.....(59,889)	.....(59,889)
0903.	.....		.....
0998.	Summary of remaining write-ins for Line 9 from overflow page .....		.....
0999.	Totals (Lines 0901 thru 0903 plus 0998) (Line 9, above) .....	.....(59,889)	.....20,064,321
1501.	.....		.....
1502.	.....		.....
1503.	.....		.....
1598.	Summary of remaining write-ins for Line 15 from overflow page .....		.....
1599.	Totals (Lines 1501 thru 1503 plus 1598) (Line 15, above) .....		.....

- (a) Includes \$ .....785,848 accrual of discount less \$ .....965,194 amortization of premium and less \$ .....1,196,068 paid for accrued interest on purchases.
- (b) Includes \$ ..... accrual of discount less \$ ..... amortization of premium and less \$ ..... paid for accrued dividends on purchases.
- (c) Includes \$ ..... accrual of discount less \$ ..... amortization of premium and less \$ ..... paid for accrued interest on purchases.
- (d) Includes \$ ..... for company's occupancy of its own buildings; and excludes \$ ..... interest on encumbrances.
- (e) Includes \$ .....622,120 accrual of discount less \$ .....5,397 amortization of premium and less \$ .....4,390 paid for accrued interest on purchases.
- (f) Includes \$ ..... accrual of discount less \$ ..... amortization of premium.
- (g) Includes \$ ..... investment expenses and \$ ..... investment taxes, licenses and fees, excluding federal income taxes, attributable to segregated and Separate Accounts.
- (h) Includes \$ ..... interest on surplus notes and \$ ..... interest on capital notes.
- (i) Includes \$ ..... depreciation on real estate and \$ ..... depreciation on other invested assets.

EXHIBIT OF CAPITAL GAINS (LOSSES)

		1	2	3	4	5
		Realized Gain (Loss) On Sales or Maturity	Other Realized Adjustments	Total Realized Capital Gain (Loss) (Columns 1 + 2)	Change in Unrealized Capital Gain (Loss)	Change in Unrealized Foreign Exchange Capital Gain (Loss)
1.	U.S. Government bonds .....	.....2,256,435	.....	.....2,256,435	.....	.....
1.1	Bonds exempt from U.S. tax .....	.....	.....	.....	.....	.....
1.2	Other bonds (unaffiliated) .....	.....24,695,161	.....	.....24,695,161	.....	.....
1.3	Bonds of affiliates .....	.....	.....	.....	.....	.....
2.1	Preferred stocks (unaffiliated) .....	.....	.....	.....	.....	.....
2.11	Preferred stocks of affiliates .....	.....	.....	.....	.....	.....
2.2	Common stocks (unaffiliated) .....	.....76,956,349	.....	.....76,956,349	.....380,308,704	.....
2.21	Common stocks of affiliates .....	.....	.....	.....	.....	.....
3.	Mortgage loans .....	.....	.....	.....	.....	.....
4.	Real estate .....	.....	.....	.....	.....	.....
5.	Contract loans .....	.....	.....	.....	.....	.....
6.	Cash, cash equivalents and short-term investments .....	.....1,271	.....	.....1,271	.....	.....
7.	Derivative instruments .....	.....	.....	.....	.....	.....
8.	Other invested assets .....	.....	.....	.....	.....	.....
9.	Aggregate write-ins for capital gains (losses) .....	.....(26,990,176)	.....	.....(26,990,176)	.....	.....
10.	Total capital gains (losses) .....	.....76,919,040	.....	.....76,919,040	.....380,308,704	.....
DETAILS OF WRITE-INS		.....	.....	.....	.....	.....
0901.	Capital losses transferred to Interest Maintenance Reserve .....	.....(26,990,176)	.....	.....(26,990,176)	.....	.....
0902.	.....	.....	.....	.....	.....	.....
0903.	.....	.....	.....	.....	.....	.....
0998.	Summary of remaining write-ins for Line 9 from overflow page .....	.....	.....	.....	.....	.....
0999.	Totals (Lines 0901 thru 0903 plus 0998) (Line 9, above) .....	.....(26,990,176)	.....	.....(26,990,176)	.....	.....

Exhibit 1

**N O N E**

Exhibit 2

**N O N E**



EXHIBIT 4 - DEPOSIT TYPE CONTRACTS

	1	2	3	4	5	6
	Total	Guaranteed Interest Contracts	Annuities Certain	Supplemental Contracts	Dividend Accumulations or Refunds	Premium and Other Deposit Funds
1. Balance at the beginning of the year .....	2,126,080,432	2,105,120,874	17,226,175	3,733,383		
2. Deposits received during the year .....	13,529,853		9,917,719	3,612,134		
3. Investment earnings credited to account .....	67,598,500	63,520,284	3,058,662	1,019,554		
4. Other net change in reserves .....						
5. Fees and other charges assessed .....						
6. Surrender charges .....						
7. Net surrender or withdrawal payments .....	1,787,922,399	1,780,373,278	6,234,862	1,314,259		
8. Other net transfer to or (from) general account .....	(2,433,506)		(2,070,560)	(362,946)		
9. Balance at the end of current year (Lines 1+2+3+4-5-6-7-8)	421,719,892	388,267,880	26,038,254	7,413,758		



ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

EXHIBIT 5 - RECONCILIATION OF CASH AND INVESTED ASSETS

DEVELOPMENT OF INCREASE IN CASH		1 Amount
1. Transfers to Separate Accounts on account of:		
1.1 Net premiums and considerations for annuities and supplementary contracts with life contingencies .....		357,915,358
1.2 Aggregate write-ins for other transfers to Separate Accounts .....		10,115,679
2. Deposits on deposit-type contract funds and other liabilities without life or disability contingencies .....		13,529,853
3. Investment income collected .....		207,186,548
4. Consideration on disposal of short-term bonds net of purchases .....		24,199,688
5. Consideration on disposal of investments (excluding short-term bonds) .....		4,614,207,444
6. Aggregate write-ins for other increases in funds from operations .....		
7. Total (Lines 1 to 6) .....		5,227,154,570
8. Cost of investments acquired (excluding short-term bonds) .....		3,210,924,599
9. Transfers from Separate Accounts on account of contract benefits:		
9.1 Death benefits .....		528,464
9.2 Matured endowments .....		
9.3 Annuity benefits .....		37,666,111
9.4 Supplementary contract benefits with life contingencies .....		
9.5 Accident and health benefits .....		
9.6 Surrender benefits and withdrawals for life contracts .....		112,146,392
9.7 Policy loans (net) .....		3,012,697
9.8 Transfers of reserves (net) .....		90,473
9.9 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits .....		58,894,979
10. Other transfers from Separate Accounts:		
10.1 Federal income taxes .....		
10.2 Aggregate write-ins for other transfers from Separate Accounts .....		
11. Withdrawals on deposit-type contract funds and other liabilities without life or disability contingencies .....		1,787,922,400
12. Investment expenses (Exhibit 1, Line 25) .....		
12.1 Fees associated with investment management, administration and contract guarantees .....		23,635,074
13. Investment taxes, licenses and fees, excluding federal income taxes (Exhibit 2, Line 9) .....		
14. Total (Lines 8 to 13) .....		5,234,821,189
15. Funds from operations (Line 7 minus Line 14) .....		(7,666,619)
16. Surplus contributed or (withdrawn) during year .....		
17. Aggregate write-ins for other changes in funds .....		
18. Total funds (includes \$ 0 net transfers from general account) (Lines 15 to 17) .....		(7,666,619)
19. Increase in payable for investments acquired, net of receivable for investments sold .....		(21,561,880)
20. Decrease in policy loans .....		
21. Aggregate write-ins for other reconciling items .....		363,336
22. Increase in cash (Line 18 to 21) .....		(28,865,163)
RECONCILIATION BETWEEN YEARS		
23. Cash and invested assets, December 31st of prior year .....		4,958,743,669
24. Increase in cash (Line 22) .....		(28,865,163)
25. Cost of invested assets acquired .....		3,243,016,816
26. Adjusted cost of assets disposed of .....		4,566,672,414
27. Increase in policy loans .....		
28. Accrual of discount less amortization of premium .....		28,418
29. Depreciation on real estate and other invested assets .....		
30. Increase in net unrealized gains .....		380,308,704
31. Aggregate write-ins for other reconciling items .....		
32. Cash and invested assets, December 31st of current year .....		3,986,560,030
DETAILS OF WRITE-INS		
01.201. Participant transfers from fixed account .....		10,115,679
01.202. ....		
01.203. ....		
01.298. Summary of remaining write-ins for Line 1.2 from overflow page .....		
01.299. Totals (Lines 01.201 thru 01.203 plus 01.298) (Line 1.2 above) .....		10,115,679
0601. ....		
0602. ....		
0603. ....		
0698. Summary of remaining write-ins for Line 6 from overflow page .....		
0699. Totals (Lines 0601 thru 0603 plus 0698) (Line 6 above) .....		
09.901. Participant transfers to fixed account .....		49,979,349
09.902. Cost of insurance .....		9,028,830
09.903. Miscellaneous gains and losses .....		(113,200)
09.998. Summary of remaining write-ins for Line 9.9 from overflow page .....		
09.999. Totals (Lines 09.901 thru 09.903 plus 09.998) (Line 09.9 above) .....		58,894,979
10.201. ....		
10.202. ....		
10.203. ....		
10.298. Summary of remaining write-ins for Line 10.2 from overflow page .....		
10.299. Totals (Lines 10.201 thru 10.203 plus 10.298) (Line 10.2 above) .....		
1701. ....		
1702. ....		
1703. ....		
1798. Summary of remaining write-ins for Line 17 from overflow page .....		
1799. Totals (Lines 1701 thru 1703 plus 1798) (Line 17 above) .....		
2101. Change in other liabilities .....		363,336
2102. ....		
2103. ....		
2198. Summary of remaining write-ins for Line 21 from overflow page .....		
2199. Totals (Lines 2101 thru 2103 plus 2198) (Line 21 above) .....		363,336
3101. ....		
3102. ....		
3103. ....		
3198. Summary of remaining write-ins for Line 31 from overflow page .....		
3199. Totals (Lines 3101 thru 3103 plus 3198) (Line 31 above) .....		

EXHIBIT 6 - GUARANTEED INSURANCE AND ANNUITY PRODUCTS

	1	2
	Amount	Percent of Total
1. Aggregate reserve for life, annuity and accident and health contracts (Included in Exhibit 3):		
1.1 Life insurance .....	199,162,056	5.0
1.2 Annuities .....	3,050,820,613	76.5
1.3 Supplementary contracts with life contingencies .....		
1.4 Accident and health .....		
1.5 Miscellaneous reserves .....		
1.6 Total .....	3,249,982,669	81.5
2. Liability for deposit-type contracts (included in Exhibit 4):		
2.1 Guaranteed interest contracts .....	388,267,880	9.7
2.2 Annuities certain .....	26,038,254	0.7
2.3 Supplemental contracts .....	7,413,758	0.2
2.4 Dividend accumulations or refunds .....		
2.5 Premium and other deposit funds .....		
2.6 Total .....	421,719,892	10.6
3. Other liabilities (included in Page 3, Lines 4, 10, 13 & 14) .....	9,433,217	0.2
4. Total liabilities associated with guarantees (Lines 1.6 + 2.6 + 3) .....	3,681,135,778	92.3
5. Total liabilities not associated with guarantees .....	306,432,554	7.7
6. Total Separate Accounts liabilities (Lines 4 + 5 = Page 3, Line 17)	3,987,568,332	100.0 %

GENERAL INTERROGATORIES

Product Mix

1.01 Identify the product types in the separate account, quantify the assets associated with those products, indicate if there are any guarantees associated with those products, quantify seed money and quantify other fees and expenses due to the general account:

Note: A distinct product identifier shall be used for each product and shall be used consistently throughout the interrogatory.

1  Product Identifier	Separate Account Assets		4  Guarantees Associated with the Product Yes/No	5  Seed Money	6  Fees and Expenses Due to the General Account	7  Additional Required Surplus Amounts
	2  Registered with SEC	3  Not Registered with SEC				
TC LIFE VA-1 .....	3,084,146,174		YES		281,562	
TC LIFE VLI-1 .....	304,013,870		NO			
TC LIFE VLI-2 .....	204,995,604		YES			
TC LIFE SVSA-3 .....		395,981,683	YES		4,676	
Totals	3,593,155,648	395,981,683	XXX		286,238	

Note: Additional Required Surplus Amounts is defined as additional or permanent surplus that is required to be retained in the separate account in accordance with state law or regulation. These amounts should not include reinvested separate account investment proceeds that have not been allocated to separate account contract holders.

1.01A For the products (and related assets) that are not registered with the SEC, identify whether the products are considered private placement variable annuity products or private placement life insurance.

1  Product Identifier	Not Registered with SEC		
	2  Private Placement Variable Annuity	3  Private Placement Life Insurance	4  Other (Not PPVA or PPLI)
TC LIFE SVSA-3 .....			395,981,683
Totals			395,981,683

- 1.02 Did the reporting entity remit seed money, other fees and expenses or additional required surplus amounts to the general account during the current year? Yes [ X ] No [ ]
- 1.03 If yes, provide information on the total gross amount of seed money, other fees and expenses or additional required surplus amounts remitted to the general account during the current year (these amounts should not be reflected in the seed money totals in 1.01):

1.031 Seed Money.....\$

1.032 Other Fees and Expenses.....\$ 23,635,074

1.033 Additional Required Surplus Amounts ..\$
- 1.04 Did the reporting entity receive seed money from the general account in the current year? Yes [ ] No [ X ]
- 1.05 If yes, provide information on the total gross amount of seed money received in the current year: (If amounts were both received and remitted in the current year, include the gross amounts in both 1.031 and 1.051.)

1.051 Seed Money Received.....\$
- 1.06 Does the reporting entity consider any of the seed money reflected in separate accounts to be insulated from the general account? Yes [ ] No [ ] N/A [ X ]
- 1.07 If yes, provide information on the amount of seed money the reporting entity considers insulated from the general account:

1.071 Insulated Seed Money .....\$
- 1.08 Does the reporting entity have a policy for repatriating seed money or remitting fees and expenses due and additional required surplus amounts to the general account:

1.081 Seed Money.....Yes [ X ] No [ ]

1.082 Other Fees and Expenses.....Yes [ X ] No [ ]

1.083 Additional Required Surplus Amounts ....Yes [ X ] No [ ]
- 1.09 Provide detail on the time duration for which seed money, other fees and expenses due to the general account and additional required surplus amounts have been held in the separate account:

	1  Seed Money	2  Fees and Expenses Due to the General Account	3  Additional Required Surplus Amounts
1.091 Under 1 Year .....		286,238	
1.092 1 Year - 3 Years .....			
1.093 Over 3 Years - 5 Years .....			
1.094 Over 5 Years .....			
1.095 Total		286,238	
- 1.10 For seed money, other fees and expenses, and additional required surplus amounts held in the separate account, does the reporting entity invest these funds in accordance with investment directives of the general account:

1.101 Seed Money.....Yes [ ] No [ ] N/A [ X ]

1.102 Other Fees and Expenses.....Yes [ ] No [ X ] N/A [ ]

1.103 Additional Required Surplus Amounts ....Yes [ ] No [ ] N/A [ X ]

GENERAL INTERROGATORIES

- 1.11 If no, does the reporting entity have stated policy and procedure for the investment of seed money, other fees and expenses, and additional required surplus amounts that are retained with the separate account?
- 1.111 Seed Money..... Yes [ ] No [ ] N/A [ X ]
- 1.112 Other Fees and Expenses..... Yes [ X ] No [ ] N/A [ ]
- 1.113 Additional Required Surplus Amounts .... Yes [ ] No [ ] N/A [ X ]

Separate Account Products with General Account Guarantees

- 2.1 Does the reporting entity have products with guarantees provided by the general account? ..... Yes [ X ] No [ ]
- 2.2 Has the separate account collected amounts from the general account within the past five years related to separate account guarantees? ..... Yes [ X ] No [ ]
- 2.3 If yes, provide detail on these guarantees paid by the general account:

	1	2
	Year	Amount
2.301	As of December 31, 2019 .....	\$ .....268,782
2.302	As of December 31, 2018 .....	\$ .....289,531
2.303	As of December 31, 2017 .....	\$ .....(42,141)
2.304	As of December 31, 2016 .....	\$ .....465,918
2.305	As of December 31, 2015 .....	\$ .....(518,213)

- 2.4 To compensate the general account for the risk taken, for any separate account products with general account guarantees, does the separate account remit risk charges to the general account related to separate account guarantees? ..... Yes [ ] No [ X ]
- 2.5 If yes, identify the separate account products with risk charges that are remitted to the general account and whether the risk charge for that product is reviewed and opined upon:

1	2	3
Product Identifier with Risk Charges	Risk Charge Reviewed and Opined Upon	Name and Title of Individual who Provided Opinion on Risk Charges
.....	.....	.....

- 2.6 Provide detail on the risk charges paid to the general account related to separate account guarantees for the past five years:

	1	2
	Year	Amount
2.601	As of December 31, 2019 .....	\$ .....
2.602	As of December 31, 2018 .....	\$ .....
2.603	As of December 31, 2017 .....	\$ .....
2.604	As of December 31, 2016 .....	\$ .....
2.605	As of December 31, 2015 .....	\$ .....

Investment Directive of Separate Account Activity

- 3.1 Does the reporting entity have products classified within the separate account for which the investment directive is not determined by the contract holder? (Situations in which the investments directive mirrors the general account would not be considered determined by the contract holder; however, having the contract holder select an investment direction from multiple options would meet this criteria.) ..... Yes [ ] No [ X ]
- 3.2 If yes, if these investments would have been included in the general account, would the reporting entity have exceeded the investment limitations imposed on the general account? ..... Yes [ ] No [ ] N/A [ ]
- 3.3 Provide detail on the separate account investment portfolio and state investment limitations. (This includes the combined separate account and general investments, excluding separate account assets with investment direction determined by the contract holder):

1	2	3
Investment Type	State Investment Limitation	Combined Investment (Separate and General Account)
Equity interests (Aggregate amount not to exceed 20%) .....	1,908,936,093	4,687,634
Canadian (Aggregate amount not to exceed 10%) .....	954,468,046	303,154,956
Investments in foreign countries rated in one of the four highest rating categories (Aggregate amount not to exceed 20%) .....	1,908,936,093	1,144,413,730
Investments in other foreign countries (Aggregate amount not to exceed 6%) .....	572,680,828	36,918,132
Category 3-6 Bonds (20% in aggregate) .....	1,908,936,093	94,934,876
Category 4-6 Bonds (10% in aggregate) .....	954,468,046	20,976,884
Category 5-6 Bonds (3% in aggregate) .....	286,340,414	12,290,113
Category 6 Bonds (1% in aggregate) .....	95,446,805	7,230,110
.....		

Allocation of Investment Proceeds of Separate Account Activity

- 4.1 Does the reporting entity have separate account assets in which less than 100% of investment proceeds (net of contract fees and assessments) are attributed to a contract holder? (This should identify any situations where there is a ceiling on investment performance results.) ..... Yes [ ] No [ X ]

GENERAL INTERROGATORIES

4.2 If yes, provide detail on the net investment proceeds that were attributed to the contract holder, transferred to the general account and reinvested within the separate account:

1	2	3	4	5
Product Identifier	Net Investment Proceeds	Attributed to Contract Holder	Transferred to General Account	Reinvested Within the Separate Account

- 4.3 For items reinvested within the Separate Account, does the reporting entity invest these assets in accordance with investment directives of the general account? ..... Yes [ ] No [ X ] N/A [ ]
- 4.4 If no, does the reporting entity have a stated policy and procedure for the reinvestment of investment proceeds within the separate account? ..... Yes [ X ] No [ ] N/A [ ]
- 4.5 Did the reinvestment of investment proceeds within the separate account result with the company having a combined investment portfolio that exceeded the state investment limitations imposed on the general account? ..... Yes [ ] No [ X ] N/A [ ]

Measurement of Separate Account Assets

- 5.1 Does the reporting entity report all separate account assets at fair value? ..... Yes [ ] No [ X ]
- 5.2 For items not reported at fair value, does the reporting entity report separate account assets at amortized cost, and/or under different measurement methods?
- 5.21 Amortized Cost .....

5.22 Other Measurement Methods.....

Yes [ X ] No [ ]

Yes [ ] No [ X ]
- 5.3 If other measurement methods are used, provide explanation on these measurement methods.  
.....
- 5.4 Identify the assets measured at fair value, amortized cost or another measurement method and the percentage of separate account assets measured under each measurement method:

Description	1 Amount	2 Percentage
5.41 Fair Value .....	\$ .....3,593,155,648	90.1 %
5.42 Amortized Cost .....	\$ .....395,981,683	9.9 %
5.43 Other Measurement Methods .....	\$ .....	%

- 5.5 For the assets not measured at fair value, provide a comparison of the reported value to current fair value and identify the unrealized gain or loss that would have been recorded if the assets had been reported at fair value:

1 Assets Held at Amortized Cost	2 Fair Value	3 Unrecorded Unrealized Gain/Loss
5.51... \$ .....395,981,683	\$ .....402,826,432	\$ .....6,844,749

1 Assets Held at Other Measurement Method	2 Fair Value	3 Unrecorded Unrealized Gain/Loss
5.52... \$ .....	\$ .....	\$ .....

Securities Lending Transactions Within Separate Accounts

- 6.1 Does the reporting entity engage in securities lending transactions with separate account assets? ..... Yes [ ] No [ X ]
- 6.2 If yes, does the reporting entity have written policies and procedures for such transactions? ..... Yes [ ] No [ ] N/A [ X ]
- 6.3 Does the reporting entity obtain approval, or otherwise provide notification to contract holders, regarding securities lending transactions that occur with separate account assets? ..... Yes [ ] No [ ] N/A [ X ]
- 6.4 Are all securities lending transactions reported on balance sheet? ..... Yes [ ] No [ ] N/A [ X ]
- 6.5 Provide a description of the reporting entity's securities lending transaction program, specifically identifying any variations from the securities lending transaction program administered by the general account.
- 6.6 Provide detail on the current status of separate account transactions by separate account product:
- 6.61 Amount of any loaned securities within the separate account and the percentage of separate account assets lent

6.611 Amount .....

6.612 Percentage.....

\$ .....%
- 6.62 Identify whether securities lent are reported at book value or market value

6.621 Book Value .....

6.622 Market Value.....

\$ .....\$ .....

GENERAL INTERROGATORIES

6.63 Detail on collateral received:

6.631 Aggregate Amount Collateral Received

6.6311 Open .....\$ .....  
6.6312 30 Days or Less.....\$ .....  
6.6313 31 to 60 Days.....\$ .....  
6.6314 61 to 90 Days.....\$ .....  
6.6315 Greater than 90 Days.....\$ .....  
6.6316 Total Collateral Received...\$ .....

6.632 The aggregate fair value of all securities acquired from the sale, trade or use of the accepted collateral (reinvested collateral) .....\$ .....

6.633 Narrative discussion about sources and uses of collateral:  
.....

6.634 Collateral for transactions that extend beyond one year from the reporting date .....\$ .....

6.7 For the reporting entity’s security lending program state the amount of the following as December 31 of the current year:

6.71 Total fair value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2 (Sum of Schedule DL, Parts 1 and 2, Column 5) .....\$ .....  
6.72 Total book adjusted/carrying value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2 (Sum of Schedule DL, Parts 1 and 2, Column 6) .....\$ .....  
6.73 Total payable for securities lending reported on the liability page (Page 3, Line 14, Column 3) .....\$ .....

FHLB Funding Agreements

7.1 Does the reporting entity report Federal Home Loan Bank (FHLB) funding agreements within the separate account? ..... Yes [ ] No [ X ]

7.2 Provide detail on the elements that support the classification of FHLB funding agreements within the separate account  
.....

7.3 Provide detail regarding the FHLB funding agreements classified within the separate account:

1 Amount of FHLB Stock Purchased or Owned	2 Amount of Collateral Pledged to the FHLB	3 Total Borrowing or Funding Capacity Currently Available	4 Total Reserves Related to FHLB Agreements
\$ .....	\$ .....	\$ .....	\$ .....

7.4 For funding agreements within the separate account, provide a general description on the nature of the agreement, type of funding (lines of credit, borrowed money, etc) and intended use of funding.  
.....

Reporting Differences Between GAAP and SAP Financial Statements (This disclosure is applicable to all reporting entities regardless if they file GAAP financial statements)

8.1 Does the reporting entity file GAAP financial statements? ..... Yes [ ] No [ X ]

8.2 In accordance with the different separate account reporting requirements between GAAP (SOP 03-1) and statutory accounting, does the reporting entity have products that are classified within the separate account that were, or would have been if GAAP financial statements had been completed, required to be reported within the general account under GAAP financials? Pursuant to SOP 03-1, all of the following conditions must be met to receive separate account reporting classification under GAAP: ..... Yes [ ] No [ X ] N/A [ ]

- a. Legal Recognition - The separate account is legally recognized. That is, the separate account is established, approved, and regulated under special rules such as state insurance laws, federal securities laws, or similar foreign laws.
- b. Legally Insulated - The separate account assets supporting the contract liabilities are legally insulated from the general account liabilities of the insurance enterprise (that is, the contract holder is not subject to insurer default risk to the extent of the assets held in the separate account).
- c. Investment Directive - The insurer must, as a result of contractual, statutory, or regulatory requirements, invest the contract holder's funds within the separate account as directed by the contract holder in designated investment alternatives or in accordance with specific investment objectives or policies.
- d. Investment Performance - All investment performance, net of contract fees and assessments, must as a result of contractual, statutory, or regulatory requirements be passed through to the individual contract holder. Contracts may specify conditions under which there may be a minimum guarantee, but not a ceiling, as a ceiling would prohibit all investment performance from being passed through to the contract holder



GENERAL INTERROGATORIES

8.3 Identify all separate account products and identify whether each product was classified within a separate account for GAAP reporting purposes. (For non-GAAP filers, this disclosure should reflect whether the GAAP classification would have been the same if GAAP financials had been completed.) For products that were (or would have been) reported differently, identify which SOP 03-1 condition prevented separate account GAAP classification for that particular product.

1	2
Product Identifier	Same as GAAP / Condition that Requires GAAP General Account Reporting
TC Life VA-1 .....	Same as GAAP .....
TC Life VLI-1 .....	Same as GAAP .....
TC Life VLI-2 .....	Same as GAAP .....
TC Life SVSA-3 .....	Same as GAAP .....
.....	.....

FORM FOR CALCULATING THE INTEREST MAINTENANCE RESERVE

INTEREST MAINTENANCE RESERVE		1 Amount
1. Reserve as of December 31, Prior Year .....		(725,368)
2. Current year's realized pre-tax capital gains/(losses) of \$ .....0 transferred into the reserve net of taxes of \$ .....26,990,176		26,990,176
3. Adjustment for current year's liability gains/(losses) released from the reserve .....		
4. Balance before reduction for amount transferred to Summary of Operations (Line 1 + Line 2 + Line 3) .....		26,264,808
5. Current year's amortization released to Summary of Operations (Amortization, Line 1, Column 4) .....		20,124,210
6. Reserve as of December 31, current year (Line 4 minus Line 5)		6,140,598

AMORTIZATION

	1	2	3	4
Year of Amortization	Reserve as of December 31, Prior Year	Current Year's Realized Capital Gains/(Losses) Transferred into the Reserve Net of Taxes	Adjustment for Current Year's Liability Gains/(Losses) Released From the Reserve	Balance Before Reduction for Current Year's Amortization (Cols. 1 + 2 + 3)
1. 2019 .....	481,915	3,077,426	16,564,869	20,124,210
2. 2020 .....	286,596	6,961,334	(5,115,608)	2,132,322
3. 2021 .....	(444,025)	6,758,444	(4,634,140)	1,680,279
4. 2022 .....	(630,758)	4,979,626	(3,271,092)	1,077,776
5. 2023 .....	(265,838)	3,150,820	(2,140,354)	744,628
6. 2024 .....	(38,955)	1,246,312	(880,259)	327,098
7. 2025 .....	(37,708)	241,684	(152,658)	51,318
8. 2026 .....	(33,579)	196,748	(123,682)	39,486
9. 2027 .....	(22,405)	147,734	(96,255)	29,075
10. 2028 .....	(8,783)	97,094	(68,918)	19,393
11. 2029 .....	(1,462)	42,470	(31,049)	9,959
12. 2030 .....	(1,689)	15,754	(8,638)	5,427
13. 2031 .....	(1,764)	14,406	(7,908)	4,734
14. 2032 .....	(1,895)	13,147	(7,232)	4,019
15. 2033 .....	(1,747)	11,658	(6,480)	3,431
16. 2034 .....	(1,408)	10,536	(5,981)	3,147
17. 2035 .....	(1,030)	8,784	(5,065)	2,690
18. 2036 .....	(612)	7,000	(4,077)	2,311
19. 2037 .....	(223)	5,078	(3,002)	1,853
20. 2038 .....		3,020	(1,812)	1,208
21. 2039 .....		1,103	(659)	444
22. 2040 .....				
23. 2041 .....				
24. 2042 .....				
25. 2043 .....				
26. 2044 .....				
27. 2045 .....				
28. 2046 .....				
29. 2047 .....				
30. 2048 .....				
31. 2049 and Later				
32. Total (Lines 1 to 31)	(725,369)	26,990,176		26,264,807

ASSET VALUATION RESERVE  
BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS  
DEFAULT COMPONENT

Line Num- ber	NAIC Desig- nation	Description	1	2	3	4	Basic Contribution		Reserve Objective		Maximum Reserve	
			Book/Adjusted Carrying Value	Reclassify Related Party Encumbrances	Add Third Party Encumbrances	Balance for AVR Reserve Calculations (Cols. 1 + 2 + 3)	5	6	7	8	9	10
							Factor	Amount (Cols.4 x 5)	Factor	Amount (Cols. 4 x 7)	Factor	Amount (Cols. 4 x 9)
LONG-TERM BONDS												
1.		Exempt Obligations .....	40,589,762	XXX	XXX	40,589,762	0.0000		0.0000		0.0000	
2.	1	Highest Quality .....	224,696,186	XXX	XXX	224,696,186	0.0005	112,348	0.0016	359,514	0.0033	741,497
3.	2	High Quality .....	124,466,219	XXX	XXX	124,466,219	0.0021	261,379	0.0064	796,584	0.0106	1,319,342
4.	3	Medium Quality .....		XXX	XXX		0.0099		0.0263		0.0376	
5.	4	Low Quality .....		XXX	XXX		0.0245		0.0572		0.0817	
6.	5	Lower Quality .....		XXX	XXX		0.0630		0.1128		0.1880	
7.	6	In or Near Default .....		XXX	XXX		0.0000		0.2370		0.2370	
8.		Total Unrated Multi-class Securities Acquired by Conversion .....		XXX	XXX		XXX		XXX		XXX	
9.		Total Long-Term Bonds (Sum of Lines 1 through 8)	389,752,167	XXX	XXX	389,752,167	XXX	373,727	XXX	1,156,098	XXX	2,060,839
PREFERRED STOCK												
10.	1	Highest Quality .....		XXX	XXX		0.0005		0.0016		0.0033	
11.	2	High Quality .....		XXX	XXX		0.0021		0.0064		0.0106	
12.	3	Medium Quality .....		XXX	XXX		0.0099		0.0263		0.0376	
13.	4	Low Quality .....		XXX	XXX		0.0245		0.0572		0.0817	
14.	5	Lower Quality .....		XXX	XXX		0.0630		0.1128		0.1880	
15.	6	In or Near Default .....		XXX	XXX		0.0000		0.2370		0.2370	
16.		Affiliated Life with AVR .....		XXX	XXX		0.0000		0.0000		0.0000	
17.		Total Preferred Stocks (Sum of Lines 10 through 16)		XXX	XXX		XXX		XXX		XXX	
SHORT - TERM BONDS												
18.		Exempt Obligations .....	2,498,428	XXX	XXX	2,498,428	0.0000		0.0000		0.0000	
19.	1	Highest Quality .....		XXX	XXX		0.0005		0.0016		0.0033	
20.	2	High Quality .....		XXX	XXX		0.0021		0.0064		0.0106	
21.	3	Medium Quality .....		XXX	XXX		0.0099		0.0263		0.0376	
22.	4	Low Quality .....		XXX	XXX		0.0245		0.0572		0.0817	
23.	5	Lower Quality .....		XXX	XXX		0.0630		0.1128		0.1880	
24.	6	In or Near Default .....		XXX	XXX		0.0000		0.2370		0.2370	
25.		Total Short - Term Bonds (Sum of Lines 18 through 24)	2,498,428	XXX	XXX	2,498,428	XXX		XXX		XXX	
DERIVATIVE INSTRUMENTS												
26.		Exchange Traded .....		XXX	XXX		0.0005		0.0016		0.0033	
27.	1	Highest Quality .....		XXX	XXX		0.0005		0.0016		0.0033	
28.	2	High Quality .....		XXX	XXX		0.0021		0.0064		0.0106	
29.	3	Medium Quality .....		XXX	XXX		0.0099		0.0263		0.0376	
30.	4	Low Quality .....		XXX	XXX		0.0245		0.0572		0.0817	
31.	5	Lower Quality .....		XXX	XXX		0.0630		0.1128		0.1880	
32.	6	In or Near Default .....		XXX	XXX		0.0000		0.2370		0.2370	
33.		Total Derivative Instruments .....		XXX	XXX		XXX		XXX		XXX	
34.		Total (Lines 9 + 17 + 25 + 33)	392,250,595	XXX	XXX	392,250,595	XXX	373,727	XXX	1,156,098	XXX	2,060,839

**ASSET VALUATION RESERVE (Continued)**  
**BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS**  
**DEFAULT COMPONENT**

Line Num- ber	NAIC Desig- nation	Description	1  Book/Adjusted Carrying Value	2  Reclassify Related Party Encumbrances	3  Add Third Party Encumbrances	4  Balance for AVR Reserve Calculations (Cols. 1 + 2 + 3)	Basic Contribution		Reserve Objective		Maximum Reserve	
							5  Factor	6  Amount (Cols.4 x 5)	7  Factor	8  Amount (Cols. 4 x 7)	9  Factor	10  Amount (Cols. 4 x 9)
		MORTGAGE LOANS										
		In Good Standing:										
35.		Farm Mortgages - CM1 - Highest Quality .....			XXX		0.0011		0.0057		0.0074	
36.		Farm Mortgages - CM2 - High Quality .....			XXX		0.0040		0.0114		0.0149	
37.		Farm Mortgages - CM3 - Medium Quality .....			XXX		0.0069		0.0200		0.0257	
38.		Farm Mortgages - CM4 - Low Medium Quality .....			XXX		0.0120		0.0343		0.0428	
39.		Farm Mortgages - CM5 - Low Quality .....			XXX		0.0183		0.0486		0.0628	
40.		Residential Mortgages - Insured or Guaranteed .....			XXX		0.0003		0.0007		0.0011	
41.		Residential Mortgages - All Other .....			XXX		0.0015		0.0034		0.0046	
42.		Commercial Mortgages - Insured or Guaranteed .....			XXX		0.0003		0.0007		0.0011	
43.		Commercial Mortgages - All Other - CM1 - Highest Quality .....			XXX		0.0011		0.0057		0.0074	
44.		Commercial Mortgages - All Other - CM2 - High Quality .....			XXX		0.0040		0.0114		0.0149	
45.		Commercial Mortgages - All Other - CM3 - Medium Quality .....			XXX		0.0069		0.0200		0.0257	
46.		Commercial Mortgages - All Other - CM4 - Low Medium Quality .....			XXX		0.0120		0.0343		0.0428	
47.		Commercial Mortgages - All Other - CM5 - Low Quality .....			XXX		0.0183		0.0486		0.0628	
		Overdue, Not in Process:										
48.		Farm Mortgages .....			XXX		0.0480		0.0868		0.1371	
49.		Residential Mortgages - Insured or Guaranteed .....			XXX		0.0006		0.0014		0.0023	
50.		Residential Mortgages - All Other .....			XXX		0.0029		0.0066		0.0103	
51.		Commercial Mortgages - Insured or Guaranteed .....			XXX		0.0006		0.0014		0.0023	
52.		Commercial Mortgages - All Other .....			XXX		0.0480		0.0868		0.1371	
		In Process of Foreclosure:										
53.		Farm Mortgages .....			XXX		0.0000		0.1942		0.1942	
54.		Residential Mortgages - Insured or Guaranteed .....			XXX		0.0000		0.0046		0.0046	
55.		Residential Mortgages - All Other .....			XXX		0.0000		0.0149		0.0149	
56.		Commercial Mortgages - Insured or Guaranteed .....			XXX		0.0000		0.0046		0.0046	
57.		Commercial Mortgages - All Other .....			XXX		0.0000		0.1942		0.1942	
58.		Total Schedule B Mortgages (Sum of Lines 35 through 57)			XXX		XXX		XXX		XXX	
59.		Schedule DA Mortgages			XXX		0.0034		0.0114		0.0149	
60.		Total Mortgage Loans on Real Estate (Lines 58 + 59)			XXX		XXX		XXX		XXX	

Asset Valuation Reserve - Equity Component

**N O N E**

Asset Valuation Reserve - Replications (Synthetic) Assets

**N O N E**

**OVERFLOW PAGE FOR WRITE-INS**

**NONE**



Schedule A - Verification - Real Estate

**N O N E**

Schedule B - Verification - Mortgage Loans

**N O N E**

SCHEDULE BA - VERIFICATION BETWEEN YEARS

Other Long-Term Invested Assets

1.	Book/adjusted carrying value, December 31 of prior year .....	
2.	Cost of acquired:	
	2.1 Actual cost at time of acquisition (Part 2, Column 8) .....	
	2.2 Additional investment made after acquisition (Part 2, Column 9) .....	
3.	Capitalized deferred interest and other:	
	3.1 Totals, Part 1, Column 16 .....	
	3.2 Totals, Part 3, Column 12 .....	
4.	Accrual of discount .....	
5.	Unrealized valuation increase (decrease):	
	5.1 Totals, Part 1, Column 13 .....	
	5.2 Totals, Part 3, Column 9 .....	
6.	Total gain (loss) on disposals, Part 3, Column 19 .....	
7.	Deduct amounts received on disposals, Part 3, Column 1 .....	
8.	Deduct amortization of premium and depreciation .....	
9.	Total foreign exchange change in book/adjusted carrying value:	
	9.1 Totals, Part 1, Column 17 .....	
	9.2 Totals, Part 3, Column 14 .....	
10.	Deduct current year's other than temporary impairment recognized:	
	10.1 Totals, Part 1, Column 15 .....	
	10.2 Totals, Part 3, Column 11 .....	
11.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10) .....	
12.	Deduct total nonadmitted amounts .....	
13.	Statement value at end of current period (Line 11 minus Line 12) .....	

NONE

SCHEDULE D - VERIFICATION BETWEEN YEARS

Bonds and Stocks

1.	Book/adjusted carrying value, December 31 of prior year .....	4,902,234,866
2.	Cost of bonds and stocks acquired, Part 3, Column 7 .....	3,210,924,599
3.	Accrual of discount .....	785,848
4.	Unrealized valuation increase (decrease):	
	4.1. Part 1, Column 12 .....	
	4.2. Part 2, Section 1, Column 15 .....	
	4.3. Part 2, Section 2, Column 13 .....	392,266,847
	4.4. Part 4, Column 11 .....	(11,958,143) 380,308,704
5.	Total gain (loss) on disposals, Part 4, Column 19 .....	103,907,945
6.	Deduction consideration for bonds and stocks disposed of, Part 4, Column 7 .....	4,614,363,388
7.	Deduct amortization of premium .....	965,194
8.	Total foreign exchange change in book/adjusted carrying value:	
	8.1. Part 1, Column 15 .....	
	8.2. Part 2, Section 1, Column 19 .....	
	8.3. Part 2, Section 2, Column 16 .....	
	8.4. Part 4, Column 15 .....	
9.	Deduct current year's other than temporary impairment recognized:	
	9.1. Part 1, Column 14 .....	
	9.2. Part 2, Section 1, Column 17 .....	
	9.3. Part 2, Section 2, Column 14 .....	
	9.4. Part 4, Column 13 .....	
10.	Total investment income recognized as a result of prepayment penalties and/or acceleration fees, Note 5Q, Line 2 .....	74,430
11.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10) .....	3,982,907,810
12.	Deduct total nonadmitted amounts .....	
13.	Statement value at end of current period (Line 11 minus Line 12) .....	3,982,907,810

SCHEDULE D - SUMMARY BY COUNTRY

Long-Term Bonds and Stocks OWNED December 31 of Current Year

Description		1 Book/Adjusted Carrying Value	2 Fair Value	3 Actual Cost	4 Par Value of Bonds
BONDS					
Governments (Including all obligations guaranteed by governments)	1. United States .....	25,219,333	25,263,867	25,212,415	25,266,000
	2. Canada .....				
	3. Other Countries				
	4. Totals	25,219,333	25,263,867	25,212,415	25,266,000
U.S. States, Territories and Possessions (Direct and guaranteed)	5. Totals				
U.S. Political Subdivisions of States, Territories and Possessions (Direct and guaranteed)	6. Totals				
U.S. Special Revenue and Special Assessment Obligations and all Non-Guaranteed Obligations of Agencies and Authorities of Governments and their Political Subdivisions	7. Totals	15,370,428	15,220,042	15,506,464	14,834,818
Industrial and Miscellaneous, SVO Identified Funds, Unaffiliated Bank Loans and Hybrid Securities (unaffiliated)	8. United States .....	242,894,879	247,817,737	242,821,699	243,139,793
	9. Canada .....	27,368,764	28,099,764	27,364,417	27,400,000
	10. Other Countries	78,898,764	80,192,701	78,867,920	78,950,000
	11. Totals	349,162,407	356,110,202	349,054,036	349,489,793
Parent, Subsidiaries and Affiliates	12. Totals				
	13. Total Bonds	389,752,168	396,594,111	389,772,915	389,590,611
PREFERRED STOCKS					
Industrial and Miscellaneous (unaffiliated)	14. United States .....				
	15. Canada .....				
	16. Other Countries				
	17. Totals				
Parent, Subsidiaries and Affiliates	18. Totals				
	19. Total Preferred Stocks				
COMMON STOCKS Industrial and Miscellaneous (unaffiliated)	20. United States .....	3,593,155,648	3,593,155,648	3,222,533,373	
	21. Canada .....				
	22. Other Countries				
	23. Totals	3,593,155,648	3,593,155,648	3,222,533,373	
Parent, Subsidiaries and Affiliates	24. Totals				
	25. Total Common Stocks	3,593,155,648	3,593,155,648	3,222,533,373	
	26. Total Stocks	3,593,155,648	3,593,155,648	3,222,533,373	
	27. Total Bonds and Stocks	3,982,907,816	3,989,749,759	3,612,306,288	

SCHEDULE DA - VERIFICATION BETWEEN YEARS

Short-Term Investments

	1	2	3	4	5
	Total	Bonds	Mortgage Loans	Other Short-term Investment Assets (a)	Investments in Parent, Subsidiaries and Affiliates
1. Book/adjusted carrying value, December 31 of prior year .....	26,489,846	26,489,846			
2. Cost of short-term investments acquired .....	32,092,217	32,092,217			
3. Accrual of discount .....	213,161	213,161			
4. Unrealized valuation increase (decrease) .....					
5. Total gain (loss) on disposals .....	506	506			
6. Deduct consideration received on disposals .....	56,291,905	56,291,905			
7. Deduct amortization of premium .....	5,397	5,397			
8. Total foreign exchange change in book/adjusted carrying value .....					
9. Deduct current year's other than temporary impairment recognized .....					
10. Book adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9) .....	2,498,428	2,498,428			
11. Deduct total nonadmitted amounts .....					
12. Statement value at end of current period (Line 10 minus Line 11)	2,498,428	2,498,428			

(a) Indicate the category of such assets, for example, joint ventures, transportation equipment:

Schedule DB - Part A - Verification - Options, Caps, Floors, Collars, Swaps and Forwards

**N O N E**

Schedule DB - Part B - Verification - Futures Contracts

**N O N E**

Schedule DB - Part C - Section 1 - Replication (Synthetic Asset) Transactions (RSATs) Open

**N O N E**

Schedule DB-Part C-Section 2-Reconciliation of Replication (Synthetic Asset) Transactions Open

**N O N E**

Schedule DB - Verification - Book/Adjusted Carrying Value, Fair Value and Potential Exposure of Derivatives

**N O N E**

SCHEDULE E - PART 2 - VERIFICATION BETWEEN YEARS

(Cash Equivalents)

	1	2	3	4
	Total	Bonds	Money Market Mutual funds	Other (a)
1. Book/adjusted carrying value, December 31 of prior year .....	30,002,468	30,002,468		
2. Cost of cash equivalents acquired .....	4,454,890,610	4,454,890,610		
3. Accrual of discount .....	408,959	408,959		
4. Unrealized valuation increase (decrease) .....				
5. Total gain (loss) on disposals .....	765	765		
6. Deduct consideration received on disposals .....	4,484,156,474	4,484,156,474		
7. Deduct amortization of premium .....				
8. Total foreign exchange change in book/adjusted carrying value .....				
9. Deduct current year's other than temporary impairment recognized .....				
10. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9) .....	1,146,328	1,146,328		
11. Deduct total nonadmitted amounts .....				
12. Statement value at end of current period (Line 10 minus Line 11)	1,146,328	1,146,328		

(a) Indicate the category of such investments, for example, joint ventures, transportation equipment:

Schedule A - Part 1 - Real Estate Owned

**NONE**

Schedule A - Part 2 - Real Estate Acquired and Additions Made

**NONE**

Schedule A - Part 3 - Real Estate Disposed

**NONE**

Schedule B - Part 1 - Mortgage Loans Owned

**NONE**

Schedule B - Part 2 - Mortgage Loans Acquired and Additions Made

**NONE**

Schedule B - Part 3 - Mortgage Loans Disposed, Transferred or Repaid

**NONE**

Schedule BA - Part 1 - Other Long-Term Invested Assets Owned

**NONE**

Schedule BA - Part 2 - Other Long-Term Invested Assets Acquired and Additions Made

**NONE**

Schedule BA - Part 3 - Other Long-Term Invested Assets Disposed, Transferred or Repaid

**NONE**

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	Bond Char	NAIC Designation and Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization) Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
912828-7F-1	US TREASURY N B				1	8,998,391	100.2219	9,036,005	9,016,000	9,002,100		3,710			1.750	1.850	JJ	66,028		07/29/2019	07/31/2021
912828-YJ-3	US TREASURY N B				1	8,474,434	99.8225	8,484,915	8,500,000	8,476,731		2,298			1.500	1.660	MS	32,576		10/28/2019	09/30/2021
912828-YP-9	US TREASURY SEC				1	5,238,027	99.8359	5,241,384	5,250,000	5,238,939		.912			1.500	1.617	AO	13,413		11/05/2019	10/31/2021
912828-YW-4	US TREASURY N B				1	2,501,563	100.0625	2,501,563	2,500,000	2,501,563					1.625	1.603	JD	1,998		12/31/2019	12/15/2022
0199999. Subtotal - Bonds - U.S. Governments - Issuer Obligations						25,212,415	XXX	25,263,867	25,266,000	25,219,333		6,920			XXX	XXX	XXX	114,015		XXX	XXX
0599999. Total - U.S. Government Bonds						25,212,415	XXX	25,263,867	25,266,000	25,219,333		6,920			XXX	XXX	XXX	114,015		XXX	XXX
1099999. Total - All Other Government Bonds							XXX								XXX	XXX	XXX			XXX	XXX
1799999. Total - U.S. States, Territories and Possessions Bonds							XXX								XXX	XXX	XXX			XXX	XXX
2499999. Total - U.S. Political Subdivisions Bonds							XXX								XXX	XXX	XXX			XXX	XXX
3136AL-VF-5	FANNIE MAE SERIES 2014-70 CLASS A			4	1	886,462	101.7218	886,393	851,728	879,512		(1,319)			3.000	2.653	MON	2,129	25,552	02/04/2015	06/25/2040
3136AT-PM-0	FNMA SERIES 2016-66 CLASS MB			4	1	4,897,259	102.0254	4,804,278	4,708,903	4,874,968		(6,434)			3.000	2.682	MON	11,772	141,267	12/26/2019	05/25/2044
3137BO-UT-9	FREDDIE MAC SERIES 4182 CLASS C			4	1	656,546	100.6201	637,989	634,057	651,165		(961)			3.000	2.678	MON	1,585	19,022	11/04/2014	06/15/2037
3137B2-QL-7	FREDDIE MAC REMICS SERIES 4212 CLASS LA			4	1	1,331,893	101.3106	1,299,011	1,282,207	1,320,559		(1,851)			3.000	2.679	MON	3,206	38,466	05/20/2014	10/15/2039
	FHLMC MULTIFAMILY STRUCTURED P SERIES 4327 CLASS A																				
3137B9-ST-3				4	1	962,656	101.8098	912,629	896,406	924,184		(7,441)			4.000	2.341	MON	2,988	35,856	11/24/2014	02/15/2040
3137BG-6G-9	FHLMC SERIES 4428 CLASS LA			4	1	2,245,119	101.9796	2,210,054	2,167,152	2,228,401		(3,170)			3.000	2.713	MON	5,418	65,015	02/10/2015	06/15/2039
3137GA-D7-9	FHLMC SERIES 3721 CLASS PE			4	1	4,526,529	104.5484	4,489,688	4,294,365	4,491,639		(9,124)			3.500	3.046	MON	12,525	150,303	04/29/2016	09/15/2040
2699999. Subtotal - Bonds - U.S. Special Revenues - Residential Mortgage-Backed Securities						15,506,464	XXX	15,220,042	14,834,818	15,370,428		(30,300)			XXX	XXX	XXX	39,623	475,481	XXX	XXX
3199999. Total - U.S. Special Revenues Bonds						15,506,464	XXX	15,220,042	14,834,818	15,370,428		(30,300)			XXX	XXX	XXX	39,623	475,481	XXX	XXX
00206R-GD-8	AT&T INC				2FE	4,000,000	101.7352	4,069,407	4,000,000	4,000,000					3.067	3.506	MJSD	6,816	148,610	08/16/2018	06/12/2024
00287Y-BG-2	ABBVIE INC		1		2FE	1,897,568	105.1850	1,998,515	1,900,000	1,898,175		.471			3.750	3.776	MN	9,302	82,333	09/13/2018	11/14/2023
015271-AM-1	ALEXANDRIA REAL ESTATE E		1		2FE	2,482,424	106.4706	2,581,912	2,425,000	2,472,931		(9,493)			4.000	3.453	JJ	44,728	48,500	03/12/2019	01/15/2024
02360B-AH-5	AMEREN CORP		1		2FE	4,648,466	100.7781	4,686,181	4,650,000	4,648,555		.90			2.500	2.507	MS	33,906		09/11/2019	09/15/2024
025816-CF-4	AMERICAN EXPRESS CO		2		1FE	4,487,940	103.9023	4,675,602	4,500,000	4,489,006		1,066			3.125	3.168	MN	16,016	70,313	05/15/2019	05/20/2026
04550K-AA-9	ASSOCIATED BANK NA SERIES BKNT		2		2FE	4,486,950	101.8191	4,581,858	4,500,000	4,492,975		4,335			3.500	3.603	FA	60,375	157,500	08/06/2018	08/13/2021
054561-AC-9	AXA EQUITABLE HOLDINGS I SERIES WI		1		2FE	2,571,757	104.7328	2,696,869	2,575,000	2,572,485		.728			3.900	3.931	AO	19,806	100,425	01/17/2019	04/20/2023
05523U-AM-2	BAE SYSTEMS HLDG SERIES 144A		1		2FE	3,985,920	100.6692	4,026,769	4,000,000	3,997,318		2,805			2.805	2.926	JD	5,067	114,000	12/03/2015	12/15/2020
05531F-BJ-1	BB&T CORPORATION SERIES GMTN		2		1FE	2,997,780	100.6016	3,018,048	3,000,000	2,997,966		.186			2.200	2.222	MS	19,250		09/09/2019	03/16/2023
06050T-MN-9	BANK OF AMERICA NA		2		1FE	2,000,000	99.9008	1,998,015	2,000,000	2,000,000					2.256	2.587	JAJO	8,145	13,508	07/23/2019	07/26/2021
06051G-OP-8	BANK OF AMERICA CORP SERIES GMTN		1		1FE	3,000,000	100.2174	3,006,522	3,000,000	3,000,000					2.369	2.369	JJ	31,587	71,070	07/18/2017	07/21/2021
06051G-HR-3	BANK OF AMERICA CORP SERIES MTN		1		1FE	2,000,000	104.3883	2,087,766	2,000,000	2,000,000					3.458	3.458	MS	20,364	34,580	03/12/2019	03/15/2025
06405L-AB-7	BANK OF NEW YORK MELLON SERIES BKNT		2		1FE	2,000,000	100.0920	2,001,840	2,000,000	2,000,000					2.180	2.413	MJSD	3,391	26,419	05/30/2019	06/04/2021
110122-BK-3	BRISTOL-MYERS SQUIBB CO		1		1FE	2,059,429	103.5094	2,070,188	2,000,000	2,057,571		(1,859)			3.250	2.267	FA	23,653		11/20/2019	02/20/2023
110122-BZ-0	BRISTOL MYERS SQUIBB CO SERIES 144A		1		1FE	6,873,228	103.1726	7,118,906	6,900,000	6,876,472		3,244			2.900	2.980	JJ	125,063		05/07/2019	07/26/2024
124857-AS-2	CBS CORP		1		2FE	2,485,650	101.0298	2,525,746	2,500,000	2,492,025		2,551			2.500	2.610	FA	23,611	62,500	06/26/2017	02/15/2023
124857-AY-9	CBS CORP SERIES WI		1		2FE	4,899,846	102.0121	5,100,605	5,000,000	4,923,426		22,413			2.900	3.386	JD	12,083	145,000	12/13/2018	06/01/2023
125523-AE-0	CIGNA CORP SERIES WI				2FE	3,000,000	102.3384	3,070,153	3,000,000	3,000,000					3.400	3.400	MS	29,467	51,000	08/27/2019	09/17/2021
125523-AF-7	CIGNA CORP SERIES WI		1		2FE	3,998,294	104.8076	4,192,304	4,000,000	3,998,447		.153			3.750	3.761	JJ	69,167		08/27/2019	07/15/2023
126650-DE-7	CVS HEALTH CORP		1		2FE	3,188,725	100.7702	3,224,647	3,200,000	3,189,583		.858			2.625	2.701	FA	31,733		08/09/2019	08/15/2024
14040H-CA-1	CAPITAL ONE FINANCIAL CO		2		2FE	3,193,088	105.9858	3,391,544	3,200,000	3,194,364		1,276			3.900	3.948	JJ	52,693	62,400	01/24/2019	01/29/2024
149130-ZZ-1	CATERPILLAR FINL SERVICE SERIES MTN				1FE	2,500,000	100.1426	2,503,564	2,500,000	2,500,000					2.185	2.753	MJSD	3,490	15,747	09/03/2019	03/08/2021
151020-AX-2	CELGENE CORP		1		2FE		0.0000								2.750	2.750	FA		10,000	10/31/2017	02/15/2023
151020-BA-1	CELGENE CORP		1		2FE		0.0000								3.250	3.250	FA		3,000	02/08/2018	02/20/2023
172967-LV-1	CITIGROUP INC		1		1FE	4,006,080	102.0352	4,081,409	4,000,000	4,004,527		(1,553)			3.142	3.077	JJ	54,810	62,840	04/16/2019	01/24/2023
172967-MF-5	CITIGROUP INC		1		1FE	3,500,000	104.0011	3,640,037	3,500,000	3,500,000					3.352	3.352	AO	21,835	58,680	04/16/2019	04/24/2025
20453K-AB-1	COMPASS BANK SERIES BKNT		2		2FE	4,992,350	101.3804	5,069,021	5,000,000	4,996,188		1,529			2.875	2.908	JD	799	143,750	06/26/2017	06/29/2022
233851-OK-8	DAIMLER FINANCE NA LLC SERIES 144A				1FE	3,998,880	100.1353	4,005,413	4,000,000	3,999,590		.224			2.200	2.206	AO	14,911	88,000	10/26/2016	10/30/2021
233851-DN-1	DAIMLER FINANCE NA LLC SERIES 144A				1FE	3,496,745	102.7611	3,596,640	3,500,000	3,497,998		1,084			3.750	3.783	MN	20,417	131,250	10/31/2018	11/05/2021
25466A-AJ-0	DISCOVER BANK		2		2FE	4,886,590	103.7621	5,188,103	5,000,000	4,897,591		11,001			3.450	3.809	JJ	73,792	86,250	05/30/2019	07/27/2026
25746U-DA-4	DOMINION ENERGY INC				2FE	2,850,684	100.7345	2,870,932	2,850,000	2,850,519		(165)			2.381	2.370	FA	25,639	16,967	06/24/2019	08/15/2021
260543-CT-8	DOW CHEMICAL CO THE SERIES WI		1		2FE	1,996,222	103.5863	2,071,725	2,000,000	1,996,321		.99			3.150	3.195	MN	8,050		11/19/2019	05/15/2024
26444G-AA-1	DUKE ENERGY FLORIDA LLC SERIES 2018		4		1FE	242,838	99.9765	242,783	242,840	242,840					1.196	1.195	MS	968	2,904	06/15/2016	03/01/2020
26444G-AB-9	DUKE ENERGY FL PROJ FIN SERIES 2021		4		1FE	2,499,950	99.3964	2,484,910	2,500,000	2,499,978		.8			1.731	1.731	MS	14,425	43,275	06/15/2016	09/01/2022



ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates		
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22	
CUSIP	Description	C o d e	F o r e i g n	Bond Char	NAIC Designation and Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization) Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date	
277432-AV-2	EASTMAN CHEMICAL CO				2FE	2,692,629		102,5460	2,768,743	2,700,000		2,695,397			3,500	3,594	JD		7,875	101,063	10/30/2018	12/01/2021
30161M-AR-4	EXELON GENERATION CO LLC			1	2FE	1,796,130		102,5998	1,846,797	1,800,000		1,798,301			3,400	3,447	MS		18,020	61,200	03/07/2017	03/15/2022
337738-AO-1	FISERV INC			1	2FE	3,998,160		105,5596	4,222,383	4,000,000		3,998,625			3,800	3,810	AO		38,000	154,533	09/20/2018	10/01/2023
341081-FW-2	FLORIDA POWER & LIGHT CO				1FE	4,000,000		100,0030	4,000,120	4,000,000		4,000,000			2,308	2,965	FIAN		14,362	56,960	05/02/2019	05/06/2022
35137L-AB-1	FOX CORP SERIES 144A			1	2FE	2,000,000		106,5457	2,130,913	2,000,000		2,000,000			4,030	4,030	JJ		34,927	40,300	01/15/2019	01/25/2024
38141G-IUJ-9	GOLDMAN SACHS GROUP INC/THE			1	1FE	2,500,000		101,6138	2,540,345	2,500,000		2,500,000			2,908	2,908	JD		5,251	72,700	05/31/2017	06/05/2023
38141G-XE-9	GOLDMAN SACHS GROUP INC			1	1FE	823,994		104,8927	865,365	825,000		824,167			3,625	3,652	FA		10,883	14,953	02/13/2019	02/20/2024
38148Y-AB-4	GOLDMAN SACHS GROUP INC			2	1FE	4,000,000		100,6892	4,027,569	4,000,000		4,000,000			2,707	2,160	JAJO		18,649	134,058	10/24/2017	10/31/2022
431282-AN-2	HIGHWOODS REALTY LP			1	2FE	4,702,204		101,2630	4,734,045	4,675,000		4,685,111			3,200	3,013	JD		6,649	149,600	10/03/2016	06/15/2021
44891A-BA-4	HYUNDAI CAPITAL AMERICA SERIES 144A				2FE	2,499,350		101,0643	2,526,607	2,500,000		2,499,466			3,000	3,009	JD		2,292	37,500	06/17/2019	06/20/2022
459200-JY-8	IBM CORP				1FE	4,980,900		103,5495	5,177,477	5,000,000		4,983,315			3,000	3,083	MN		19,167	75,000	05/08/2019	05/15/2024
460690-BN-9	INTERPUBLIC GROUP OF COS INC SERIES 3YR				2FE	2,048,586		102,7569	2,106,516	2,050,000		2,049,183			3,750	3,774	AO		19,219	79,010	09/18/2018	10/01/2021
46647P-AE-6	JPMORGAN CHASE & CO			1	1FE	2,168,440		101,5411	2,208,519	2,175,000		2,169,484			2,776	2,857	AO		11,069	32,618	05/15/2019	04/25/2023
46647P-BF-2	JPMORGAN CHASE & CO			1	1FE	5,000,000		99,8092	4,990,461	5,000,000		5,000,000			2,301	2,301	AO		34,835		09/05/2019	10/15/2025
46849L-SW-2	JACKSON NATL LIFE GLOBAL SERIES 144A				1FE	1,993,940		101,3595	2,027,189	2,000,000		1,996,987			2,500	2,565	JD		556	50,000	06/20/2017	06/27/2022
46849L-TK-7	JACKSON NATL LIFE GLOBAL SERIES 144A				1FE	4,990,250		101,3671	5,068,354	5,000,000		4,991,285			2,650	2,692	JD		3,681	66,250	06/17/2019	06/21/2024
534187-BD-0	LINCOLN NATIONAL CORP				2FE	801,590		106,4053	824,641	775,000		792,565			4,000	3,318	MS		10,333	31,000	02/07/2018	09/01/2023
55336V-BG-4	MPLX LP			2	2FE	1,600,000		100,3061	1,604,897	1,600,000		1,600,000			2,785	3,002	MJSD		2,847	12,142	09/04/2019	09/09/2021
61744Y-AN-8	MORGAN STANLEY SERIES GMTN				1FE	4,709,580		102,7851	4,882,293	4,750,000		4,722,688			3,125	3,329	JJ		65,148	148,438	08/09/2018	01/23/2023
64952W-DK-6	NEW YORK LIFE GLOBAL FDG SERIES 144A				1FE	2,850,000		100,2113	2,856,021	2,850,000		2,850,000			2,246	2,246	JAJO		12,624		10/15/2019	01/21/2022
674599-CP-8	OCCIDENTAL PETROLEUM CORP				2FE	1,823,047		101,0155	1,843,533	1,825,000		1,823,306			2,700	2,737	FA		19,573		08/06/2019	08/15/2022
674599-CU-7	OCCIDENTAL PETROLEUM CORP				2FE	2,972,382		100,7220	2,996,480	2,975,000		2,972,901			2,600	2,645	FA		30,725		08/06/2019	08/13/2021
701094-AM-6	PARKER HANNIFIN CORP			1	2FE	2,873,678		102,0779	2,934,739	2,875,000		2,873,823			2,700	2,710	JD		3,666	38,813	06/05/2019	06/14/2024
74153W-CL-1	PRICOA GLOBAL FUNDING 1 SERIES 144A				1FE	4,999,550		100,5587	5,027,937	5,000,000		4,999,575			2,400	2,402	MS		32,667		09/16/2019	09/23/2024
74368C-AH-7	PROTECTIVE LIFE GLOBAL SERIES 144A				1FE	2,500,000		101,0934	2,527,336	2,500,000		2,500,000			2,615	2,615	FA		23,426	65,375	08/15/2017	08/22/2022
74368C-AP-9	PROTECTIVE LIFE GLOBAL SERIES 144A				1FE	2,000,000		103,0885	2,061,769	2,000,000		2,000,000			3,104	3,104	AO		13,106	31,040	04/08/2019	04/15/2024
744573-AL-0	PUBLIC SERVICE ENTERPRISE GROU			1	2FE	4,993,650		101,5256	5,076,279	5,000,000		4,996,370			2,650	2,677	MN		16,931	132,500	11/02/2017	11/15/2022
759187-CD-7	REGIONS BANK SERIES BKNT			2	2FE	3,000,000		100,7650	3,022,950	3,000,000		3,000,000			3,374	3,374	FA		38,801	101,220	08/08/2018	08/13/2021
80282K-AT-3	SANTANDER HOLDINGS USA SERIES WI			2	2FE			0,0000							3,700	3,700	MS			1,650	03/01/2018	03/28/2022
80282K-AY-2	SANTANDER HOLDINGS USA SERIES 144A			2	2FE	4,187,170		100,9916	4,216,398	4,175,000		4,186,727			3,244	3,194	AO		32,731		10/01/2019	10/05/2026
928668-AZ-5	VOLKSWAGEN GROUP AMERICA SERIES 144A				2FE	3,998,520		101,0892	4,043,567	4,000,000		3,998,651			2,700	2,713	MS		28,500		09/19/2019	09/26/2022
95000U-ZB-8	WELLS FARGO & COMPANY				1FE	3,996,480		101,4440	4,057,759	4,000,000		3,998,199			2,625	2,644	JJ		46,375	105,000	07/17/2017	07/22/2022
95000U-ZC-6	WELLS FARGO & COMPANY SERIES MTN			1	1FE	1,796,742		105,6211	1,901,180	1,800,000		1,797,352			3,750	3,790	JJ		29,438	33,750	01/16/2019	01/24/2024
95040Q-AE-4	WELL TOWER			1	2FE	3,998,680		105,4766	4,219,062	4,000,000		3,999,040			3,950	3,957	MS		52,667	164,583	08/09/2018	09/01/2023
95040Q-AG-9	WELLTOWER INC			1	2FE	1,993,140		104,9890	2,099,779	2,000,000		1,994,323			3,625	3,699	MS		21,347	42,292	02/13/2019	03/15/2024
06367W-MQ-3	BANK OF MONTREAL SERIES MTN		A		1FE	2,999,580		101,1510	3,034,529	3,000,000		2,999,623			2,500	2,503	JD		625	37,500	06/25/2019	06/28/2024
064159-MK-9	BANK OF NOVA SCOTIA		A		1FE	1,998,180		104,7031	2,094,062	2,000,000		1,998,503			3,400	3,420	FA		26,444	34,000	02/06/2019	02/11/2024
064159-QE-9	BANK OF NOVA SCOTIA		A		1FE	4,987,000		101,6692	5,083,461	5,000,000		4,987,792			2,700	2,741	FA		57,000		07/24/2019	08/03/2026
13607G-AP-9	CANADIAN IMPERIAL BANK		A		1FE	4,496,895		103,3575	4,651,088	4,500,000		4,497,361			3,100	3,115	AO		34,488	69,750	03/26/2019	04/02/2024
775109-BF-7	ROGERS COMMUNICATIONS IN		A	1	2FE	1,391,572		101,7779	1,424,891	1,400,000		1,392,177			2,900	2,991	MN		5,188	20,300	06/19/2019	11/15/2026
78013X-WI-0	ROYAL BANK OF CANADA		A		1FE	3,991,680		105,6458	4,225,833	4,000,000		3,993,744			3,700	3,746	AO		35,356	148,000	10/01/2018	10/05/2023
89114Q-CA-4	TORONTO DOMINION BANK SERIES MTN		</																			

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest				Dates		
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	Bond Char	NAIC Designation and Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization) Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
60682L-AA-0	.....	D	1	.....	1FE	3,500,000	100.5133	3,517,964	3,500,000	3,500,000	.....	.....	.....	.....	2.652	2.652	MS	26,299	92,820	09/11/2017	09/19/2022
60687Y-AE-9	.....	D	.....	.....	1FE	3,000,000	100.3830	3,011,490	3,000,000	3,000,000	.....	.....	.....	.....	2.273	2.273	MS	20,457	68,190	09/07/2016	09/13/2021
80283L-AX-1	.....	D	.....	.....	1FE	3,985,040	102.1919	4,087,677	4,000,000	3,986,653	.....	.....	.....	.....	2.875	2.956	JD	4,153	57,500	06/11/2019	06/18/2024
83368R-AT-9	.....	D	.....	.....	2FE	3,997,480	105.0902	4,203,608	4,000,000	3,997,865	.....	1,613	.....	.....	3.875	3.889	MS	40,042	77,500	03/21/2019	03/28/2024
86562M-AU-4	.....	D	.....	.....	1FE	1,475,000	101.8610	1,502,450	1,475,000	1,475,000	.....	.....	385	.....	2.778	2.778	AO	8,309	40,976	10/11/2017	10/18/2022
86562M-BT-6	.....	D	.....	.....	1FE	6,000,000	100.1646	6,009,876	6,000,000	6,000,000	.....	.....	.....	.....	2.448	2.448	MS	38,352	.....	09/24/2019	09/27/2024
90352J-AE-3	.....	D	2	.....	1FE	2,500,000	101.5590	2,538,974	2,500,000	2,500,000	.....	.....	.....	.....	2.859	2.859	FA	27,002	71,475	08/07/2017	08/15/2023
3299999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated) - Issuer Obligations						316,748,533	XXX	323,608,422	317,142,840	316,851,220	.....	68,390	.....	.....	XXX	XXX	XXX	2,334,603	5,921,903	XXX	XXX
46648H-AE-3	JP MORGAN MORTGAGE TRUST SERIES 2017-2 CLASS A5 144A	.....	4	.....	1FML	2,269,624	101.3686	2,352,139	2,320,383	2,271,362	.....	1,638	.....	.....	3.500	3.725	MON	6,768	81,213	11/20/2018	05/25/2047
3399999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated) - Residential Mortgage-Backed Securities						2,269,624	XXX	2,352,139	2,320,383	2,271,362	.....	1,638	.....	.....	XXX	XXX	XXX	6,768	81,213	XXX	XXX
05357H-AA-8	.....	4	.....	.....	1FML	763,359	100.7011	755,258	750,000	761,654	.....	(850)	.....	.....	3.743	3.502	MON	2,339	28,460	03/09/2018	12/05/2032
060352-AA-9	BANK SERIES 2017-BNK6 CLASS A1	.....	4	.....	1FML	2,078,481	.....	2,071,260	2,078,515	2,077,511	.....	(247)	.....	.....	1.941	1.925	MON	3,362	40,344	07/14/2017	07/15/2060
12531Y-AJ-7	CFRE COMMERCIAL MORTGAGE TRUS SERIES 2016-C4 CLASS A1	.....	4	.....	1FML	1,292,383	99.6604	1,288,011	1,292,400	1,291,933	.....	(28)	.....	.....	1.501	1.501	MON	1,617	19,399	05/04/2016	05/10/2058
12532A-AW-9	CFRE COMMERCIAL MORTGAGE TRUS SERIES 2016-C6 CLASS A1	.....	4	.....	1FML	1,099,307	99.4658	1,093,462	1,099,335	1,098,936	.....	(18)	.....	.....	1.519	1.520	MON	1,392	16,699	11/01/2016	11/15/2049
17290X-AQ-3	CITIGROUP COMMERCIAL MORTGAGE SERIES 2016-GC37 CLASS A1	.....	4	.....	1FML	363,555	99.8652	363,072	363,562	363,420	.....	(9)	.....	.....	1.635	1.635	MON	495	5,944	04/13/2016	04/10/2049
17325D-AA-1	CITIGROUP COMMERCIAL MORTGAGE SERIES 2016-P5 CLASS A1	.....	4	.....	1FML	1,357,829	99.4402	1,350,241	1,357,842	1,357,428	.....	(53)	.....	.....	1.410	1.406	MON	1,595	19,145	09/30/2016	10/10/2049
36251P-AA-2	GS MORTGAGE SECURITIES TRUST SERIES 2016 GS3 CLASS A1	.....	4	.....	1FML	497,017	99.6704	495,386	497,024	496,943	.....	(4)	.....	.....	1.429	1.432	MON	592	7,102	09/22/2016	10/10/2049
46646R-AG-8	JPMB COMMERCIAL MORTGAGE SECU SERIES 2016-C4 CLASS A1	.....	4	.....	1FML	1,359,783	99.3496	1,350,939	1,359,783	1,359,783	.....	.....	.....	.....	1.536	1.477	MON	1,741	20,886	10/31/2016	12/15/2049
61766E-BA-2	MORGAN STANLEY BAML TRUST SERIES 2016-C29 CLASS A1	.....	4	.....	1FML	652,362	99.6192	649,879	652,363	652,208	.....	(9)	.....	.....	1.597	1.600	MON	868	10,418	04/22/2016	05/15/2049
61767F-AW-1	MORGAN STANLEY CAPITAL I TRUST SERIES 2016-UB11 CLASS A1	.....	4	.....	1FML	417,594	99.4250	415,196	417,597	417,398	.....	(32)	.....	.....	1.445	1.434	MON	503	6,034	08/12/2016	08/15/2049
3499999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated) - Commercial Mortgage-Backed Securities						9,881,670	XXX	9,832,704	9,868,421	9,877,214	.....	(1,250)	.....	.....	XXX	XXX	XXX	14,504	174,431	XXX	XXX
12596J-AD-5	ONH EQUIPMENT TRUST SERIES 2019-A CLASS A4	.....	4	.....	1FE	1,849,446	103.4798	1,914,376	1,850,000	1,849,536	.....	90	.....	.....	3.220	3.248	MON	2,648	51,131	01/30/2019	01/15/2026
12635Y-AE-3	ONH EQUIPMENT TRUST SERIES 2016-C CLASS A4	.....	4	.....	1FE	3,449,804	99.7423	3,441,109	3,450,000	3,449,520	.....	106	.....	.....	1.760	1.773	MON	2,699	60,720	09/13/2016	09/15/2023
14041N-FQ-9	CAPITAL ONE MULTI ASSET EXECUT SERIES 2017-A6 CLASS A6	.....	4	.....	1FE	2,499,417	101.0388	2,525,970	2,500,000	2,499,639	.....	105	.....	.....	2.290	2.310	MON	2,544	57,250	10/04/2017	07/15/2025
14314X-AC-3	CARMAX AUTO OWNER TRUST SERIES 2018-2 CLASS A3	.....	4	.....	1FE	999,814	100.9949	1,009,949	1,000,000	999,840	.....	122	.....	.....	2.980	3.012	MON	1,324	29,800	04/18/2018	01/17/2023
14314X-AD-1	CARMAX AUTO OWNER TRUST SERIES 2018-2 CLASS A4	.....	4	.....	1FE	999,997	102.1749	1,021,749	1,000,000	999,878	.....	40	.....	.....	3.160	3.185	MON	1,404	31,600	04/18/2018	07/17/2023
34531J-AE-5	FORD CREDIT AUTO LEASE TRUST SERIES 2018-A CLASS A4	.....	4	.....	1FE	999,967	100.5494	1,005,494	1,000,000	999,902	.....	72	.....	.....	3.050	3.077	MON	1,356	30,500	04/17/2018	08/15/2021
63941M-AB-7	NAVIENT STUDENT LOAN TRUST SERIES 2019-EA CLASS A2A 144A	.....	4	.....	1FE	2,998,937	99.1374	2,974,121	3,000,000	2,999,004	.....	67	.....	.....	2.640	2.661	MON	3,520	29,480	07/23/2019	05/15/2068
69363P-AA-8	PUBLIC SERVICE NEW HAMPSHIR SERIES 2018-1 CLASS A1	.....	4	.....	1FE	2,723,504	102.0003	2,778,043	2,723,564	2,723,437	.....	(79)	.....	.....	3.094	3.093	FA	35,111	103,695	05/01/2018	02/01/2026
78448W-AB-1	SMB PRIVATE EDUCATION LOAN TRU SERIES 2017-A CLASS A2A 144A	.....	4	.....	1FE	1,660,985	100.3553	1,667,474	1,661,571	1,669,614	.....	(1,275)	.....	.....	2.880	2.733	MON	2,127	47,853	01/31/2017	09/15/2034
83401B-AB-2	SOCIAL PROFESSIONAL LOAN PROGR SERIES 2017-F CLASS A2FX 144A	.....	4	.....	1FE	999,573	100.7528	1,007,528	1,000,000	999,645	.....	79	.....	.....	2.840	2.866	MON	473	28,400	12/05/2017	01/25/2041
83405D-AC-2	SOCIAL PROFESSIONAL LOAN PROG SERIES 2017-C CLASS A2B 144A	.....	4	.....	1FE	972,765	99.8051	971,124	973,014	972,596	.....	50	.....	.....	2.630	2.651	MON	419	25,583	05/19/2017	07/25/2040
3599999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated) - Other Loan-Backed and Structured Securities						20,154,209	XXX	20,316,937	20,158,149	20,162,611	.....	(623)	.....	.....	XXX	XXX	XXX	53,625	496,012	XXX	XXX
3899999. Total - Industrial and Miscellaneous (Unaffiliated) Bonds						349,054,036	XXX	356,110,202	349,489,793	349,162,407	.....	68,155	.....	.....	XXX	XXX	XXX	2,409,500	6,673,559	XXX	XXX

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	Bond Char	NAIC Designation and Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization) Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
4899999. Total - Hybrid Securities							XXX								XXX	XXX	XXX			XXX	XXX
5599999. Total - Parent, Subsidiaries and Affiliates Bonds							XXX								XXX	XXX	XXX			XXX	XXX
6099999. Subtotal - SVO Identified Funds							XXX								XXX	XXX	XXX			XXX	XXX
6599999. Subtotal - Unaffiliated Bank Loans							XXX								XXX	XXX	XXX			XXX	XXX
7699999. Total - Issuer Obligations						341,960,948	XXX	348,872,289	342,408,840	342,070,553		75,310			XXX	XXX	XXX	2,448,618	5,921,903	XXX	XXX
7799999. Total - Residential Mortgage-Backed Securities						17,776,088	XXX	17,572,181	17,155,201	17,641,790		(28,662)			XXX	XXX	XXX	46,391	556,694	XXX	XXX
7899999. Total - Commercial Mortgage-Backed Securities						9,881,670	XXX	9,832,704	9,868,421	9,877,214		(1,250)			XXX	XXX	XXX	14,504	174,431	XXX	XXX
7999999. Total - Other Loan-Backed and Structured Securities						20,154,209	XXX	20,316,937	20,158,149	20,162,611		(623)			XXX	XXX	XXX	53,625	496,012	XXX	XXX
8099999. Total - SVO Identified Funds							XXX								XXX	XXX	XXX			XXX	XXX
8199999. Total - Affiliated Bank Loans							XXX								XXX	XXX	XXX			XXX	XXX
8299999. Total - Unaffiliated Bank Loans							XXX								XXX	XXX	XXX			XXX	XXX
8399999 - Total Bonds						389,772,915	XXX	396,594,111	389,590,611	389,752,168		44,775			XXX	XXX	XXX	2,563,138	7,149,040	XXX	XXX

## SCHEDULE D - PART 2 - SECTION 1

[illegible]

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1	2	Codes		5	6	Fair Value		9	Dividends			Change in Book/Adjusted Carrying Value				17	18
		3	4			7	8		10	11	12	13	14	15	16		
CUSIP Identi- fication	Description	Code	For- eign	Number of Shares	Book/ Adjusted Carrying Value	Rate Per Share Used to Obtain Fair Value	Fair Value	Actual Cost	Declared but Unpaid	Amount Received During Year	Nonadmitted Declared But Unpaid	Unrealized Valuation Increase/ (Decrease)	Current Year's Other-Than- Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (13 - 14)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Date Acquired	NAIC Design- ation
128116-10-0	Calamos Growth & Income Port A			234,921.000	3,996,001	17.010	3,996,001	3,640,586		113,711		562,919		562,919		12/31/2019	
233203-67-8	DFA VA Short Term Fixed Port			109,251.000	1,114,357	10.200	1,114,357	1,118,474		25,165		(1,889)		(1,889)		12/30/2019	
128116-10-0	Calamos Growth & Income Port A			25,636.000	436,067	17.010	436,067	380,917		13,220		59,858		59,858		12/27/2019	
22544K-88-8	Credit Suisse Commodity Return Strat Port			45,052.000	165,341	3.670	165,341	173,961		1,366		6,316		6,316		12/27/2019	
233203-68-6	DFA VA Int'l Small Co Port			386,177.000	4,834,938	12.520	4,834,938	4,752,188		174,776		698,061		698,061		12/30/2019	
22544K-88-8	Credit Suisse Commodity Return Strat Port			4,703.000	17,259	3.670	17,259	18,037		138		812		812		12/27/2019	
233203-67-8	DFA VA Short Term Fixed Port			7,048,158.000	71,891,215	10.200	71,891,215	72,186,676		1,606,986		(45,169)		(45,169)		12/31/2019	
233203-69-4	DFA VA Int'l Value Port			574,963.000	7,049,050	12.260	7,049,050	7,003,620		236,302		620,708		620,708		12/30/2019	
233203-67-8	DFA VA Short Term Fixed Port			391,479.000	3,993,081	10.200	3,993,081	4,006,897		88,167		(4,212)		(4,212)		12/30/2019	
233203-68-6	DFA VA Int'l Small Co Port			3,721,857.000	46,597,652	12.520	46,597,652	46,613,490		1,674,136		6,448,006		6,448,006		12/31/2019	
233203-71-0	DFA VA US Targeted Value Port			171,612.000	3,085,591	17.980	3,085,591	3,121,509		116,890		408,723		408,723		12/30/2019	
233203-68-6	DFA VA Int'l Small Co Port			563,344.000	7,053,063	12.520	7,053,063	7,129,355		251,577		904,551		904,551		12/30/2019	
233203-69-4	DFA VA Int'l Value Port			6,670,831.000	81,784,392	12.260	81,784,392	81,100,586		2,705,447		6,158,948		6,158,948		12/31/2019	
233203-72-8	DFA VA Global Bond Port			150,273.000	1,574,863	10.480	1,574,863	1,606,083		39,300		15,302		15,302		12/30/2019	
233203-69-4	DFA VA Int'l Value Port			1,004,426.000	12,314,260	12.260	12,314,260	12,496,006		386,643		790,791		790,791		12/31/2019	
233203-71-0	DFA VA US Targeted Value Port			1,796,824.000	32,306,888	17.980	32,306,888	33,399,417		1,213,015		3,849,590		3,849,590		12/31/2019	
233203-77-7	DFA VA US Large Value Port			330,249.000	9,065,343	27.450	9,065,343	8,072,463		271,456		1,478,226		1,478,226		12/30/2019	
233203-71-0	DFA VA US Targeted Value Port			397,886.000	7,153,984	17.980	7,153,984	7,291,809		262,028		735,990		735,990		12/31/2019	
233203-72-8	DFA VA Global Bond Port			5,576,147.000	58,438,020	10.480	58,438,020	59,516,473		1,448,778		477,020		477,020		12/31/2019	
233206-12-5	DFA VA Equity Allocation Port			89,288.000	1,045,560	11.710	1,045,560	972,861		24,944		84,070		84,070		12/17/2019	
233203-72-8	DFA VA Global Bond Port			315,536.000	3,306,822	10.480	3,306,822	3,352,470		82,125		15,125		15,125		12/30/2019	
233203-77-7	DFA VA US Large Value Port			2,085,997.000	57,260,626	27.450	57,260,626	53,954,468		1,700,771		8,801,564		8,801,564		12/31/2019	
246493-54-8	Del VIP Diversf Inc Ser Std 1			408,204.000	4,371,862	10.710	4,371,862	4,214,542		99,629		241,798		241,798		12/31/2019	
233203-77-7	DFA VA US Large Value Port			485,012.000	13,313,580	27.450	13,313,580	12,558,813		395,145		1,889,810		1,889,810		12/30/2019	
233206-12-5	DFA VA Equity Allocation Port			2,487,120.000	29,124,174	11.710	29,124,174	26,341,112		681,930		4,610,683		4,610,683		12/31/2019	
246493-67-0	Del VIP Sml Cap Val Ser Std 1			77,573.000	2,971,039	38.300	2,971,039	2,910,660		211,374		364,314		364,314		12/31/2019	
233206-12-5	DFA VA Equity Allocation Port			1,104,107.000	12,929,093	11.710	12,929,093	11,936,016		303,937		1,776,927		1,776,927		12/30/2019	
246493-54-8	Del VIP Diversf Inc Ser Std 1			5,937,660.000	63,592,337	10.710	63,592,337	61,615,755		1,233,800		3,149,947		3,149,947		12/31/2019	
25239Y-54-3	DFA VIT Inflation Protected Sec			25,550.000	262,910	10.290	262,910	257,967		4,148		5,160		5,160		12/30/2019	
246493-54-8	Del VIP Diversf Inc Ser Std 1			273,975.000	2,934,277	10.710	2,934,277	2,812,316		53,649		136,019		136,019		12/31/2019	
246493-67-0	Del VIP Sml Cap Val Ser Std 1			781,184.000	29,919,349	38.300	29,919,349	28,938,402		2,103,719		3,745,254		3,745,254		12/31/2019	
25239Y-58-4	DFA VA Global Mod Allocation			750,038.000	9,983,010	13.310	9,983,010	8,709,674		291,981		1,188,854		1,188,854		12/26/2019	
246493-67-0	Del VIP Sml Cap Val Ser Std 1			89,052.000	3,410,697	38.300	3,410,697	3,316,809		238,376		415,884		415,884		12/30/2019	
246493-76-1	Del VIP Intl Val Eq Ser Std 1			3,636,336.000	44,763,296	12.310	44,763,296	42,540,248		1,452,881		5,038,006		5,038,006		12/31/2019	
355150-77-2	Franklin Developing Mkts VIP Fnd Cl 1			269,582.000	2,911,491	10.800	2,911,491	2,296,490		27,357		526,233		526,233		12/30/2019	
246493-76-1	Del VIP Intl Val Eq Ser Std 1			220,401.000	2,713,137	12.310	2,713,137	2,656,690		84,509		297,335		297,335		12/30/2019	
25239Y-58-4	DFA VA Global Mod Allocation			2,749,960.000	36,601,973	13.310	36,601,973	34,390,427		1,052,109		3,441,845		3,441,845		12/31/2019	
41015H-71-1	John Hancock Emerging Markets Value Trust			278,682.000	2,661,410	9.550	2,661,410	2,690,454		75,929		173,403		173,403		12/30/2019	
25239Y-54-3	DFA VIT Inflation Protected Sec			68,421.000	704,051	10.290	704,051	684,606		11,107		36,961		36,961		12/31/2019	
355150-71-5	Franklin Mutual Shares VIP Fnd Cl 1			113,448.000	2,177,071	19.190	2,177,071	2,220,100		188,890		131,759		131,759		12/31/2019	
552748-10-5	MFin M International Equity Fd			519,400.000	6,450,949	12.420	6,450,949	6,231,334		168,924		847,059		847,059		12/31/2019	
25239Y-58-4	DFA VA Global Mod Allocation			469,363.000	6,247,219	13.310	6,247,219	5,967,068		182,541		552,401		552,401		12/31/2019	
355150-74-9	Franklin Sm-Mid Cap Growth VIP Fnd Cl 1			502,733.000	9,923,954	19.740	9,923,954	9,638,497		713,153		568,718		568,718		12/31/2019	
552748-20-4	MFin M Large Cap Growth Fd			211,321.000	6,198,042	29.330	6,198,042	5,181,598		351,230		1,225,027		1,225,027		12/31/2019	
355150-71-5	Franklin Mutual Shares VIP Fnd Cl 1			45,695.000	876,892	19.190	876,892	916,620		94,795		51,952		51,952		12/24/2019	
355150-77-2	Franklin Developing Mkts VIP Fnd Cl 1			1,580,747.000	16,856,069	10.800	16,856,069	13,756,812		165,533		3,015,939		3,015,939		12/31/2019	
552748-30-3	MFin M Capital Appreciation Fd			248,643.000	6,228,518	25.050	6,228,518	6,563,962		490,744		648,908		648,908		12/31/2019	
355150-74-9	Franklin Sm-Mid Cap Growth VIP Fnd Cl 1			53,872.000	1,063,440	19.740	1,063,440	1,055,518		84,155		71,926		71,926		12/30/2019	
355150-88-9	Franklin Income VIP Fnd Cl 1			608,927.000	10,059,477	16.520	10,059,477	9,757,650		556,838		607,917		607,917		12/30/2019	
552748-50-1	MFin M Business Opp Val Fd			248,603.000	3,182,114	12.800	3,182,114	3,149,976		151,194		381,812		381,812		12/31/2019	
355150-77-2	Franklin Developing Mkts VIP Fnd Cl 1			266,753.000	2,880,930	10.800	2,880,930	2,407,533		28,794		519,539		519,539		12/30/2019	
41015H-71-1	John Hancock Emerging Markets Value Trust			4,063,211.000	38,803,667	9.550	38,803,667	38,367,883		1,068,880		2,254,661		2,254,661		12/31/2019	
641222-70-8	Neuberger Berman AMT MC Intrinsic Val I			48,327.000	773,717	16.010	773,717	855,838		85,011		(2,581)		(2,581)		12/31/2019	
355150-88-9	Franklin Income VIP Fnd Cl 1			67,659.000	1,117,729	16.520	1,117,729	1,071,724		52,722		68,907		68,907		12/24/2019	
4																	

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1	2	Codes		5	6	Fair Value		9	Dividends			Change in Book/Adjusted Carrying Value				17	18
		3	4			7	8		10	11	12	13	14	15	16		
CUSIP Identi- fication	Description	Code	For- eign	Number of Shares	Book/ Adjusted Carrying Value	Rate Per Share Used to Obtain Fair Value	Fair Value	Actual Cost	Declared but Unpaid	Amount Received During Year	Nonadmitted Declared But Unpaid	Unrealized Valuation Increase/ (Decrease)	Current Year's Other-Than- Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (13 - 14)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Date Acquired	NAIC Desig- nation
471021-43-6	Janus Henderson Mid-Cap Value Port Inst			101,624,000	1,700,163	16.730	1,700,163	1,642,449		94,941		209,698		209,698		12/30/2019	
471021-86-5	Janus Henderson Forty Port Inst			286,317,000	12,706,752	44.380	12,706,752	11,530,410		594,686		1,655,349		1,655,349		12/31/2019	
693394-74-4	PIMCO-PVIT Real Return Inst			57,447,000	726,125	12.640	726,125	706,508		11,407		37,417		37,417		12/31/2019	
471021-70-9	Janus Henderson Overseas Port Inst			13,403,000	446,181	33.290	446,181	358,371		7,185		82,667		82,667		12/20/2019	
52467K-83-9	Legg Mason WA Var Global High Yield Bd 1			2,007,490,000	14,453,928	7.200	14,453,928	14,366,225		738,061		874,696		874,696		12/31/2019	
693394-78-5	PIMCO VIT Tot Ret Port Inst			295,964,000	3,261,529	11.020	3,261,529	3,184,506		93,905		142,651		142,651		12/31/2019	
471021-86-5	Janus Henderson Forty Port Inst			46,356,000	2,057,273	44.380	2,057,273	1,857,766		102,178		304,799		304,799		12/31/2019	
52467M-84-3	Legg Mason Clrbrdg Var Sml Cap Grw Cl 1			157,335,000	4,333,015	27.540	4,333,015	4,381,021		358,927		254,889		254,889		12/31/2019	
742969-57-9	Principal PVC Equity Income Acct Cl 1			128,103,000	3,611,219	28.190	3,611,219	3,119,276		144,695		574,359		574,359		12/31/2019	
52467K-83-9	Legg Mason WA Var Global High Yield Bd 1			101,079,000	727,768	7.200	727,768	721,190		37,230		39,303		39,303		12/31/2019	
52467X-20-3	Legg Mason Clrbrdg Var Aggres Growth Cl 1			1,142,857,000	32,114,278	28.100	32,114,278	30,479,431		807,375		5,075,958		5,075,958		12/31/2019	
742969-60-3	Principal PVC MidCap Acct Cl 1			8,543,000	512,063	59.940	512,063	474,376		65,890		85,670		85,670		12/19/2019	
52467M-84-3	Legg Mason Clrbrdg Var Sml Cap Grw Cl 1			23,491,000	646,951	27.540	646,951	660,393		54,243		42,093		42,093		12/30/2019	
55273F-10-0	MFS-VIT Growth Series			14,967,000	889,045	59.400	889,045	726,210		50,747		124,104		124,104		12/31/2019	
74437G-85-4	PS Natural Res Port Cl B			14,013,000	328,472	23.440	328,472	332,664				23,135		23,135		12/31/2019	
52467X-20-3	Legg Mason Clrbrdg Var Aggres Growth Cl 1			103,686,000	2,913,587	28.100	2,913,587	2,735,520		72,799		458,620		458,620		12/30/2019	
55273F-60-5	MFS-VIT Utility Series			99,368,000	3,495,757	35.180	3,495,757	3,158,763		106,881		354,326		354,326		12/31/2019	
77954R-10-4	TRPrice Limited Term Bond			107,201,000	522,071	4.870	522,071	516,351		11,142		8,388		8,388		12/31/2019	
55273F-10-0	MFS-VIT Growth Series			2,399,000	142,483	59.400	142,483	123,352		8,461		20,080		20,080		12/26/2019	
55273F-83-7	MFS-VIT Global Eqty Series			241,580,000	5,505,614	22.790	5,505,614	5,105,702		285,304		659,841		659,841		12/31/2019	
77954T-60-5	T Rowe Price Health Sciences I			23,599,000	1,175,726	49.820	1,175,726	1,047,664		49,020		189,613		189,613		12/30/2019	
55273F-60-5	MFS-VIT Utility Series			21,784,000	766,370	35.180	766,370	642,458		29,421		112,967		112,967		12/31/2019	
55274F-61-2	MFS VITII Mass Invest Grwth Stk IC			373,883,000	8,442,282	22.580	8,442,282	7,658,232		508,992		944,550		944,550		12/31/2019	
87244V-10-4	TIAA-CREF Life Growth Equity			476,817,000	7,810,262	16.380	7,810,262	7,001,583		595,831		871,758		871,758		12/30/2019	
55273F-83-7	MFS-VIT Global Eqty Series			76,065,000	1,733,530	22.790	1,733,530	1,609,738		95,028		226,333		226,333		12/30/2019	
641222-60-9	Neuberger Berman AMT Sustainable Equity I			83,582,000	2,247,522	26.890	2,247,522	2,169,896		109,589		77,626		77,626		12/30/2019	
87244V-20-3	TIAA-CREF Life Intl Equity			678,718,000	5,511,189	8.120	5,511,189	5,461,207		325,159		595,948		595,948		12/30/2019	
55274F-61-2	MFS VITII Mass Invest Grwth Stk IC			50,130,000	1,131,932	22.580	1,131,932	1,033,498		55,945		109,956		109,956		12/30/2019	
641222-70-8	Neuberger Berman AMT MC Intrinsic Val I			2,498,350,000	39,998,588	16.010	39,998,588	43,032,847		4,534,392		285,709		285,709		12/31/2019	
87244V-30-2	TIAA-CREF Life Growth & Income			156,760,000	2,950,223	18.820	2,950,223	2,487,358		177,902		464,058		464,058		12/31/2019	
641222-60-9	Neuberger Berman AMT Sustainable Equity I			12,902,000	346,934	26.890	346,934	336,027		18,879		10,907		10,907		12/30/2019	
693394-58-7	PIMCO-PVIT EmglMktBond Inst			2,945,027,000	38,844,903	13.190	38,844,903	37,363,305		1,536,157		2,946,880		2,946,880		12/31/2019	
87244V-40-1	TIAA-CREF Life Stock Index			776,426,000	21,755,448	28.020	21,755,448	16,971,248		462,832		4,108,775		4,108,775		12/31/2019	
641222-70-8	Neuberger Berman AMT MC Intrinsic Val I			159,263,000	2,549,795	16.010	2,549,795	2,818,498		283,342		18,370		18,370		12/31/2019	
693394-61-1	PIMCO-PVIT ComRIRetStrat Inst			246,391,000	1,574,436	6.390	1,574,436	1,649,853		61,572		74,126		74,126		12/31/2019	
87244V-50-0	TIAA-CREF Life Social Choice			22,316,000	373,800	16.750	373,800	346,341		51,050		31,298		31,298		12/19/2019	
693394-58-7	PIMCO-PVIT EmglMktBond Inst			176,053,000	2,322,142	13.190	2,322,142	2,244,626		83,470		154,923		154,923		12/31/2019	
693394-64-5	PIMCO-PVIT All Asset Fd Inst			441,660,000	4,818,506	10.910	4,818,506	4,633,194		126,535		307,813		307,813		12/31/2019	
87244V-60-9	TIAA-CREF Life Large Cap Value			80,160,000	1,195,992	14.920	1,195,992	1,139,504		61,813		157,605		157,605		12/16/2019	
693394-61-1	PIMCO-PVIT ComRIRetStrat Inst			63,340,000	404,743	6.390	404,743	417,421		16,080		10,765		10,765		12/30/2019	
693394-67-8	PIMCO-PVIT Gbl Bd Unhgdg Inst			428,794,000	4,866,816	11.350	4,866,816	5,004,279		103,628		133,934		133,934		12/31/2019	
87244V-70-8	TIAA-CREF Life Small Cap Eqty			120,074,000	1,576,571	13.130	1,576,571	1,636,924		199,967		(60,352)		(60,352)		12/24/2019	
693394-64-5	PIMCO-PVIT All Asset Fd Inst			55,801,000	608,786	10.910	608,786	588,828		16,506		36,469		36,469		12/31/2019	
693394-74-4	PIMCO-PVIT Real Return Inst			8,226,581,000	103,983,980	12.640	103,983,980	101,424,155		1,714,183		5,777,384		5,777,384		12/31/2019	
87244V-80-7	TIAA-CREF Life Real Estate			42,395,000	661,368	15.600	661,368	578,727		22,217		105,489		105,489		12/26/2019	
693394-67-8	PIMCO-PVIT Gbl Bd Unhgdg Inst			42,356,000	480,742	11.350	480,742	488,998		10,241		13,634		13,634		12/31/2019	
742969-57-9	Principal PVC Equity Income Acct Cl 1			3,288,785,000	92,710,861	28.190	92,710,861	80,544,242		3,604,590		14,924,372		14,924,372		12/31/2019	
87244V-86-4	TIAA-CREF Life Balanced			130,656,000	1,626,661	12.450	1,626,661	1,580,355		65,044		46,307		46,307		12/26/2019	
693394-74-4	PIMCO-PVIT Real Return Inst			426,783,000	5,394,536	12.640	5,394,536	5,237,369		83,470		268,715		268,715		12/31/2019	
742969-60-3	Principal PVC MidCap Acct Cl 1			125,318,000	7,511,573	59.940	7,511,573	7,101,010		867,093		1,022,551		1,022,551		12/31/2019	
87244V-87-2	TIAA-CREF Life Money Market			4,804,647,000	4,804,647	1.000	4,804,647	4,804,647		31,512						12/31/2019	
742969-57-9	Principal PVC Equity Income Acct Cl 1			177,938,000	5,016,079	28.190	5,016,079	4,504,625		178,051		755,079		755,079		12/30/2019	
74437G-60-7	PS Value Port Cl B			219,094,000	7,723,080	35.250	7,723,080	6,223,149				1,153,963		1,153,963		12/31/2019	
87244V-88-0	TIAA-CREF Life Bond			231,392,000	2,450,439	10.590	2,450,439	2,365,285		65,279		105,896		105,896		12/30/2019	
742969-60-3	Principal PVC MidCap Acct Cl 1			11,881,000	712,176	59.940	712,176	667,566		85,594		113,665		113,665		12/24/2019	
74437G-78-9	PS Jennison 20/20 Port Cl B			592,200,0													

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1	2	Codes		5	6	Fair Value		9	Dividends			Change in Book/Adjusted Carrying Value				17	18
CUSIP Identi- fication	Description	3	4	Number of Shares	Book/ Adjusted Carrying Value	7	8	Actual Cost	10	11	12	13	14	15	16	Date Acquired	NAIC Designation
		Code	Foreign			Rate Per Share Used to Obtain Fair Value	Fair Value										
921925-30-1	Vanguard VIF Equity Index			666,454,000	31,789,845	47.700	31,789,845	25,656,853		1,075,436		5,804,351		5,804,351		12/30/2019	
744376-78-9	PS Jennison 20/20 Port Cl B			35,663,000	1,289,916	36.170	1,289,916	1,023,479				265,526		265,526		12/30/2019	
74925K-42-5	Matson Money Fixed Income VI Port			1,144,327,000	28,585,294	24.980	28,585,294	28,457,765		466,870		486,591		486,591		12/31/2019	
921925-80-6	Vanguard VIF High Yield Bond			290,382,000	2,378,227	8.190	2,378,227	2,272,829		111,905		176,159		176,159		12/30/2019	
744376-85-4	PS Natural Res Port Cl B			25,963,000	608,581	23.440	608,581	622,075				43,617		43,617		12/30/2019	
74925K-43-3	Matson Money Intl Equity VI Port			783,866,000	19,016,581	24.260	19,016,581	19,375,581		799,532		1,464,125		1,464,125		12/31/2019	
921925-82-2	Vanguard VIF Capital Growth			173,965,000	7,090,820	40.760	7,090,820	5,522,356		213,107		1,185,309		1,185,309		12/30/2019	
74925K-42-5	Matson Money Fixed Income VI Port			60,583,000	1,513,364	24.980	1,513,364	1,510,135		24,991		23,867		23,867		12/31/2019	
74925K-44-1	Matson Money Market US Equity VI Port			886,150,000	25,680,641	28.980	25,680,641	25,639,763		1,350,827		2,373,345		2,373,345		12/31/2019	
921925-84-8	Vanguard VIF REIT Index			215,903,000	2,966,504	13.740	2,966,504	2,790,715		176,539		397,743		397,743		12/31/2019	
74925K-43-3	Matson Money Intl Equity VI Port			67,315,000	1,633,058	24.260	1,633,058	1,609,110		70,166		111,189		111,189		12/30/2019	
77954R-10-4	T Rowe Price Limited Term Bond			10,091,239,000	49,144,335	4.870	49,144,335	48,740,209		1,042,880		781,101		781,101		12/31/2019	
921925-85-5	Vanguard VIF MidCap Index			335,535,000	8,062,915	24.030	8,062,915	7,414,437		501,760		981,600		981,600		12/19/2019	
74925K-44-1	Matson Money Market US Equity VI Port			71,321,000	2,066,885	28.980	2,066,885	2,030,232		110,831		167,192		167,192		12/30/2019	
77954T-60-5	T Rowe Price Health Sciences i			106,571,000	5,309,388	49.820	5,309,388	4,921,389		215,630		563,335		563,335		12/31/2019	
921925-88-9	Vanguard VIF Small Op Growth			236,837,000	5,466,198	23.080	5,466,198	5,420,079		360,405		454,356		454,356		12/31/2019	
77954R-10-4	TRPrice Limited Term Bond			470,515,000	2,291,410	4.870	2,291,410	2,273,328		40,925		27,315		27,315		12/31/2019	
78080T-10-5	Royce Small Cap Annuity Invest			883,843,000	7,238,674	8.190	7,238,674	7,528,023		871,448		54,182		54,182		12/31/2019	
92913T-88-5	VOYA Russell LgCap Gr Idx Init			43,492,000	1,868,436	42.960	1,868,436	1,343,149		80,812		382,208		382,208		12/30/2019	
77954T-60-5	T Rowe Price Health Sciences i			27,205,000	1,355,340	49.820	1,355,340	1,281,616		56,439		156,262		156,262		12/30/2019	
78080T-30-3	Royce Micro Cap Annuity Invest			52,414,000	511,038	9.750	511,038	525,819		43,099		24,225		24,225		12/31/2019	
92914E-81-2	VOYA Clarion Global Real Est I			14,509,000	190,217	13.110	190,217	173,251		4,816		29,193		29,193		12/30/2019	
78080T-10-5	Royce Small Cap Annuity Invest			122,711,000	1,005,002	8.190	1,005,002	1,061,010		122,666		27,645		27,645		12/30/2019	
87244V-10-4	TIAA-CREF Life Growth Equity			5,877,922,000	96,280,361	16.380	96,280,361	74,819,724		7,252,671		12,192,470		12,192,470		12/31/2019	
78080T-30-3	Royce Micro Cap Annuity Invest			21,499,000	209,616	9.750	209,616	231,278		18,619		12,309		12,309		12/30/2019	
87244V-20-3	TIAA-CREF Life Intl Equity			10,526,696,000	85,476,770	8.120	85,476,770	78,892,515		4,897,432		9,291,508		9,291,508		12/31/2019	
87244V-10-4	TIAA-CREF Life Growth Equity			454,994,000	7,452,795	16.380	7,452,795	5,779,102		583,452		997,368		997,368		12/30/2019	
87244V-30-2	TIAA-CREF Life Growth & Income			7,580,561,000	142,666,157	18.820	142,666,157	118,741,100		8,771,822		21,647,602		21,647,602		12/31/2019	
87244V-20-3	TIAA-CREF Life Intl Equity			1,186,564,000	9,634,900	8.120	9,634,900	9,342,854		526,451		1,003,509		1,003,509		12/30/2019	
87244V-40-1	TIAA-CREF Life Stock Index			17,553,940,000	491,861,398	28.020	491,861,398	331,987,771		10,187,625		94,027,180		94,027,180		12/31/2019	
87244V-30-2	TIAA-CREF Life Growth & Income			408,382,000	7,685,752	18.820	7,685,752	6,546,012		465,506		1,174,007		1,174,007		12/31/2019	
87244V-50-0	TIAA-CREF Life Social Choice			4,069,212,000	68,159,299	16.750	68,159,299	58,068,635		8,783,263		6,168,288		6,168,288		12/31/2019	
87244V-40-1	TIAA-CREF Life Stock Index			2,319,921,000	65,004,177	28.020	65,004,177	54,982,585		1,193,854		10,174,486		10,174,486		12/31/2019	
87244V-60-9	TIAA-CREF Life Large Cap Value			4,334,477,000	64,670,390	14.920	64,670,390	61,258,701		3,685,302		9,583,820		9,583,820		12/31/2019	
87244V-50-0	TIAA-CREF Life Social Choice			139,081,000	2,329,600	16.750	2,329,600	2,087,800		310,130		203,535		203,535		12/30/2019	
87244V-70-8	TIAA-CREF Life Small Cap Eqty			3,678,410,000	48,297,530	13.130	48,297,530	51,231,438		6,292,634		1,997,464		1,997,464		12/31/2019	
87244V-60-9	TIAA-CREF Life Large Cap Value			212,218,000	3,166,299	14.920	3,166,299	3,043,595		178,267		465,159		465,159		12/30/2019	
87244V-80-7	TIAA-CREF Life Real Estate			5,057,827,000	78,902,106	15.600	78,902,106	68,198,103		2,564,094		13,852,477		13,852,477		12/31/2019	
87244V-70-8	TIAA-CREF Life Small Cap Eqty			179,034,000	2,350,716	13.130	2,350,716	2,540,506		269,926		73,587		73,587		12/30/2019	
87244V-86-4	TIAA-CREF Life Balanced			5,254,801,000	65,422,271	12.450	65,422,271	58,131,583		2,515,179		6,867,429		6,867,429		12/31/2019	
87244V-80-7	TIAA-CREF Life Real Estate			255,587,000	3,987,150	15.600	3,987,150	3,522,889		126,909		579,727		579,727		12/31/2019	
87244V-87-2	TIAA-CREF Life Money Market			85,267,275,000	85,267,275	1.000	85,267,275	85,267,275		715,419						12/31/2019	
87244V-86-4	TIAA-CREF Life Balanced			143,008,000	1,780,456	12.450	1,780,456	1,573,827		70,784		181,508		181,508		12/30/2019	
87244V-88-0	TIAA-CREF Life Bond			15,316,350,000	162,200,145	10.590	162,200,145	156,396,846		4,369,252		7,779,855		7,779,855		12/31/2019	
87244V-87-2	TIAA-CREF Life Money Market			15,723,260,000	15,723,260	1.000	15,723,260	15,723,260		58,688						12/31/2019	
921925-20-2	Vanguard Vanguard VIF TotBond Mkt Idx			15,374,327,000	187,720,537	12.210	187,720,537	180,007,263		3,064,418		7,852,820		7,852,820		12/31/2019	
87244V-88-0	TIAA-CREF Life Bond			394,374,000	4,176,419	10.590	4,176,419	4,027,970		114,000		173,737		173,737		12/31/2019	
921925-30-1	Vanguard VIF Equity Index			2,307,085,000	110,047,931	47.700	110,047,931	89,847,076		3,288,661		18,454,007		18,454,007		12/31/2019	
921925-20-2	Vanguard Vanguard VIF TotBond Mkt Idx			716,069,000	8,743,203	12.210	8,743,203	8,451,254		97,501		287,249		287,249		12/31/2019	
921925-80-6	Vanguard VIF High Yield Bond			6,055,223,000	49,592,278	8.190	49,592,278	47,661,012		2,179,982		3,458,424		3,458,424		12/31/2019	
921925-30-1	Vanguard VIF Equity Index			328,926,000	15,689,774	47.700	15,689,774	14,039,439		356,730		2,213,732		2,213,732		12/30/2019	
921925-82-2	Vanguard VIF Capital Growth			344,638,000	14,047,449	40.760	14,047,449	12,435,189		247,565		1,968,860		1,968,860		12/31/2019	
921925-80-6	Vanguard VIF High Yield Bond			411,869,000	3,373,210	8.190	3,373,210	3,247,036		122,994		206,507		206,507		12/30/2019	
921925-82																	

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1	2	Codes		5	6	Fair Value		9	Dividends			Change in Book/Adjusted Carrying Value				17	18
		3	4			7	8		10	11	12	13	14	15	16		
		Code	For- eign			Rate Per Share Used to Obtain Fair Value	Fair Value		Declared but Unpaid	Amount Received During Year	Nonadmitted Declared But Unpaid	Unrealized Valuation Increase/ (Decrease)	Current Year's Other-Than- Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (13 - 14)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Date Acquired	NAIC Desig- nation
92914E-81-2	VOYA Clarion Global Real Est I			.643,102,000	8,431,071	13.110	8,431,071	7,713,229		208,113		1,252,895		1,252,895		12/31/2019	
921925-88-9	Vanguard VIF Small Cp Growth			.163,574,000	3,775,296	23.080	3,775,296	3,653,015		252,063		343,249		343,249		12/31/2019	
933702-10-2	Wanger US Smaller Co Fund			.116,849,000	2,601,059	22.260	2,601,059	2,494,031		124,981		170,758		170,758		12/31/2019	
92914E-81-2	VOYA Clarion Global Real Est I			.61,235,000	802,789	13.110	802,789	732,508		20,367		123,545		123,545		12/30/2019	
933702-20-1	Wanger Intl Small Cap Fund			.515,369,000	13,399,590	26.000	13,399,590	13,426,769		1,060,847		1,716,793		1,716,793		12/31/2019	
933702-10-2	Wanger US Smaller Co Fund			.21,617,000	481,201	22.260	481,201	503,747		64,074		30,530		30,530		12/30/2019	
933702-30-0	Wanger Select Fund			.115,250,000	2,107,931	18.290	2,107,931	2,120,570		206,049		194,307		194,307		12/31/2019	
933702-20-1	Wanger Intl Small Cap Fund			.52,591,000	1,367,369	26.000	1,367,369	1,388,452		106,932		172,691		172,691		12/30/2019	
933702-30-0	Wanger Select Fund			.34,987,000	639,921	18.290	639,921	647,065		63,908		49,204		49,204		12/30/2019	
9499999. Subtotal - Mutual Funds					3,593,155,648	XXX	3,593,155,648	3,222,533,373		136,586,031		392,266,847		392,266,847		XXX	XXX
9799999 - Total Common Stocks					3,593,155,648	XXX	3,593,155,648	3,222,533,373		136,586,031		392,266,847		392,266,847		XXX	XXX
9899999 - Total Preferred and Common Stocks					3,593,155,648	XXX	3,593,155,648	3,222,533,373		136,586,031		392,266,847		392,266,847		XXX	XXX



ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 3

Showing All Long-Term Bonds and Stocks ACQUIRED During Current Year

1	2	3	4	5	6	7	8	9
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends
912828-7F-1	US TREASURY N B 1.750% 07/31/21		07/29/2019	Various		8,998,391	9,016,000	
912828-YJ-3	US TREASURY N B 1.500% 09/30/21		10/26/2019	Various		8,474,434	8,500,000	10,451
912828-YP-9	US TREASURY SEC 1.500% 10/31/21		11/05/2019	Various		5,238,027	5,250,000	1,473
912828-YW-4	US TREASURY N B 1.625% 12/15/22		12/31/2019	Various		2,501,563	2,500,000	1,998
0599999. Subtotal - Bonds - U.S. Governments						25,212,415	25,266,000	13,922
3136AT-PM-0	FMIA SERIES 2016-66 CLASS MB 3.000% 05/25/44		12/26/2019	Various				
3199999. Subtotal - Bonds - U.S. Special Revenues								
015271-AM-1	ALEXANDRIA REAL ESTATE E 4.000% 01/15/24		03/12/2019	Various		2,482,424	2,425,000	17,783
023608-AH-5	AMEREN CORP 2.500% 09/15/24		09/11/2019	Various		4,648,466	4,650,000	
025816-CF-4	AMERICAN EXPRESS CO 3.125% 05/20/26		05/15/2019	BARCLAYS CAPITAL INC		4,487,940	4,500,000	
054561-AC-9	AXA EQUITABLE HOLDINGS I SERIES WI 3.900% 04/20/23		01/17/2019	Tax Free Exchange		2,571,757	2,575,000	24,269
05531F-BJ-1	BB&T CORPORATION SERIES GMTN 2.200% 03/16/23		09/09/2019	Various		2,997,780	3,000,000	
06050T-MN-9	BANK OF AMERICA NA 2.256% 07/26/21		07/23/2019	Various		2,000,000	2,000,000	
06051G-HR-3	BANK OF AMERICA CORP SERIES MTN 3.458% 03/15/25		03/12/2019	Various		2,000,000	2,000,000	
06405L-AB-7	BANK OF NEW YORK MELLON SERIES BKNT 2.180% 06/04/21		05/30/2019	Various		2,000,000	2,000,000	
110122-BK-3	BRISTOL-MYERS SQUIBB CO 3.250% 02/20/23		11/20/2019	Various		2,059,429	2,000,000	16,611
110122-BZ-0	BRISTOL MYERS SQUIBB CO SERIES 144A 2.900% 07/26/24		05/07/2019	Various		6,873,228	6,900,000	
125523-AE-0	CIGNA CORP SERIES WI 3.400% 09/17/21		08/27/2019	Tax Free Exchange		3,000,000	3,000,000	45,333
125523-AF-7	CIGNA CORP SERIES WI 3.750% 07/15/23		08/27/2019	Tax Free Exchange		3,998,294	4,000,000	17,500
12596J-AD-5	CNH EQUIPMENT TRUST SERIES 2019-A CLASS A4 3.220% 01/15/26		01/30/2019	Various		1,849,446	1,850,000	
126650-DE-7	CVS HEALTH CORP 2.625% 08/15/24		08/09/2019	Various		3,188,725	3,200,000	
14040H-CA-1	CAPITAL ONE FINANCIAL CO 3.900% 01/29/24		01/24/2019	Various		3,193,088	3,200,000	
149130-2Z-1	CATERPILLAR FINL SERVICE SERIES MTN 2.185% 03/08/21		09/03/2019	J.P. MORGAN SECURITIES LLC		2,500,000	2,500,000	
172967-LV-1	CITIGROUP INC 3.142% 01/24/23		04/16/2019	TORONTO DOMINION SECURITIES (US		4,006,080	4,000,000	29,325
172967-MF-5	CITIGROUP INC 3.352% 04/24/25		04/16/2019	Various		3,500,000	3,500,000	
25466A-AJ-0	DISCOVER BANK 3.450% 07/27/26		05/30/2019	Various		4,886,590	5,000,000	47,342
25746U-DA-4	DOMINION ENERGY INC 2.381% 08/15/21		06/24/2019	Various		2,850,684	2,850,000	6,650
260543-CT-8	DOW CHEMICAL CO THE SERIES WI 3.150% 05/15/24		11/19/2019	Tax Free Exchange		1,996,222	2,000,000	700
341081-FW-2	FLORIDA POWER & LIGHT CO 2.308% 05/06/22		05/02/2019	WELLS FARGO SECURITIES, LLC		4,000,000	4,000,000	
35137L-AB-1	FOX CORP SERIES 144A 4.030% 01/25/24		01/15/2019	Various		2,000,000	2,000,000	
38141G-XE-9	GOLDMAN SACHS GROUP INC 3.625% 02/20/24		02/13/2019	Various		823,994	825,000	
44891A-BA-4	HYUNDAI CAPITAL AMERICA SERIES 144A 3.000% 06/20/22		06/17/2019	MIZUHO SECURITIES		2,499,350	2,500,000	
459200-JY-8	IBM CORP 3.000% 05/15/24		05/08/2019	J.P. MORGAN SECURITIES LLC		4,980,900	5,000,000	
46647P-AE-6	JPMORGAN CHASE & CO 2.776% 04/25/23		05/15/2019	J.P. MORGAN SECURITIES LLC		1,993,440	2,000,000	3,393
46647P-BF-2	JPMORGAN CHASE & CO 2.301% 10/15/25		09/05/2019	J.P. MORGAN SECURITIES LLC		5,000,000	5,000,000	
46849L-TK-7	JACKSON NATL LIFE GLOBAL SERIES 144A 2.650% 06/21/24		06/17/2019	J.P. MORGAN SECURITIES LLC		4,990,250	5,000,000	
55336V-BG-4	MPLX LP 2.785% 09/09/21		09/04/2019	Various		1,600,000	1,600,000	
63941M-AB-7	NAVIENT STUDENT LOAN TRUST SERIES 2019-EA CLASS A2A 144A 2.640% 05/15/68		07/23/2019	Various		2,998,937	3,000,000	
64952W-DK-6	NEW YORK LIFE GLOBAL FDG SERIES 144A 2.246% 01/21/22		10/15/2019	Various		2,850,000	2,850,000	
674599-QP-8	OCCIDENTAL PETROLEUM CORP 2.700% 08/15/22		08/06/2019	Various		1,823,047	1,825,000	
674599-CU-7	OCCIDENTAL PETROLEUM CORP 2.600% 08/13/21		08/06/2019	Various		2,972,382	2,975,000	
701094-AM-6	PARKER HANNFIN CORP 2.700% 06/14/24		06/05/2019	BARCLAYS CAPITAL INC		2,873,678	2,875,000	
74153W-CL-1	PRICOA GLOBAL FUNDING 1 SERIES 144A 2.400% 09/23/24		09/16/2019	J.P. MORGAN SECURITIES LLC		4,999,550	5,000,000	
74368C-AP-9	PROTECTIVE LIFE GLOBAL SERIES 144A 3.104% 04/15/24		04/08/2019	DEUTSCHE BANK SECURITIES		2,000,000	2,000,000	
80282K-AY-2	SANTANDER HOLDINGS USA SERIES 144A 3.244% 10/05/26		10/01/2019	Taxable Exchange		4,187,170	4,175,000	
928668-AZ-5	VOLKSWAGEN GROUP AMERICA SERIES 144A 2.700% 09/26/22		09/19/2019	Various		3,998,520	4,000,000	
95000U-2C-6	WELLS FARGO & COMPANY SERIES MTN 3.750% 01/24/24		01/16/2019	WELLS FARGO SECURITIES, LLC		1,796,742	1,800,000	
95040Q-AG-9	WELLS FARGO INC 3.625% 03/15/24		02/13/2019	WELLS FARGO SECURITIES, LLC		1,993,140	2,000,000	
06367W-MQ-3	BANK OF MONTREAL SERIES MTN 2.500% 06/28/24	A.	06/25/2019	BMO CAPITAL MARKETS CORP BONDS		2,999,580	3,000,000	
064159-MK-9	BANK OF NOVA SCOTIA 3.400% 02/11/24	A.	02/06/2019	SCOTIA CAPITAL (USA) INC		1,998,180	2,000,000	
064159-QE-9	BANK OF NOVA SCOTIA 2.700% 08/03/26	A.	07/24/2019	SCOTIA CAPITAL (USA) INC		4,987,000	5,000,000	
13607G-AP-9	CANADIAN IMPERIAL BANK 3.100% 04/02/24	A.	03/26/2019	WELLS FARGO SECURITIES, LLC		4,496,895	4,500,000	
775109-BF-7	ROGERS COMMUNICATIONS IN 2.900% 11/15/26	A.	06/19/2019	Various		1,391,572	1,400,000	4,060
89114Q-CA-4	TORONTO DOMINION BANK SERIES MTN 2.650% 06/12/24	A.	06/05/2019	TORONTO DOMINION SECURITIES (US		3,499,510	3,500,000	
89114Q-CC-0	TORONTO DOMINION BANK SERIES GMTN 2.170% 03/17/21	A.	09/10/2019	TORONTO DOMINION SECURITIES (US		4,000,000	4,000,000	
00216L-AC-7	ASB BANK LIMITED 3.125% 05/23/24	D.	05/16/2019	Various		1,995,600	2,000,000	
29278G-AL-2	ENEL FINANCE INTL NV SERIES 144A 2.650% 09/10/24	D.	09/05/2019	Various		7,490,925	7,500,000	
404280-BZ-1	HSBC HOLDINGS PLC 3.803% 03/11/25	D.	03/04/2019	HSBC SECURITIES INC		4,000,000	4,000,000	
456837-AP-8	ING GROEP NV 3.550% 04/09/24	D.	04/02/2019	Various		3,744,375	3,750,000	
606822-BD-5	MITSUBISHI UFJ FIN GRP 3.407% 03/07/24	D.	02/26/2019	Various		2,500,000	2,500,000	
80283L-AX-1	SANTANDER UK PLC 2.875% 06/18/24	D.	06/11/2019	Various		3,985,040	4,000,000	
83368R-AT-9	SOCIETE GENERALE SERIES 144A 3.875% 03/28/24	D.	03/21/2019	SOCIETE GENERALE NY		3,997,480	4,000,000	
86562M-BT-6	SUMITOMO MITSUI FINL GRP 2.448% 09/27/24	D.	09/24/2019	SMBC NIKKO SECURITIES AMERICA,		6,000,000	6,000,000	
3899999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)						184,557,410	184,725,000	212,966

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 3

Showing All Long-Term Bonds and Stocks ACQUIRED During Current Year

1	2	3	4	5	6	7	8	9
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends
8399997. Total - Bonds - Part 3						209,769,825	209,991,000	226,888
8399998. Total - Bonds - Part 5						1,847,578,791	1,850,628,010	969,180
8399999. Total - Bonds						2,057,348,616	2,060,619,010	1,196,068
8999997. Total - Preferred Stocks - Part 3							XXX	
8999998. Total - Preferred Stocks - Part 5							XXX	
8999999. Total - Preferred Stocks							XXX	
128116-10-0	Calamos Growth & Income Port A		12/31/2019	Various	66,600.000	1,074,910		
233203-67-8	DFA VA Short Term Fixed Port		12/30/2019	Various	30,465.000	314,204		
128116-10-0	Calamos Growth & Income Port A		12/27/2019	Various	11,148.000	173,238		
22544K-88-8	Credit Suisse Commodity Return Strat Port		12/27/2019	Various	16,800.000	60,991		
233203-68-6	DFA VA Int'l Small Co Port		12/30/2019	Various	65,466.000	772,618		
22544K-88-8	Credit Suisse Commodity Return Strat Port		12/27/2019	Various	843.000	3,055		
233203-67-8	DFA VA Short Term Fixed Port		12/31/2019	Various	1,580,142.000	16,271,979		
233203-69-4	DFA VA Int'l Value Port		12/30/2019	Various	136,241.000	1,624,331		
233203-67-8	DFA VA Short Term Fixed Port		12/30/2019	Various	115,831.000	1,191,198		
233203-68-6	DFA VA Int'l Small Co Port		12/31/2019	Various	929,629.000	10,859,175		
233203-71-0	DFA VA US Targeted Value Port		12/30/2019	Various	30,342.000	521,076		
233203-68-6	DFA VA Int'l Small Co Port		12/30/2019	Various	189,442.000	2,228,279		
233203-69-4	DFA VA Int'l Value Port		12/31/2019	Various	2,878,188.000	34,096,005		
233203-72-8	DFA VA Global Bond Port		12/30/2019	Various	34,371.000	363,451		
233203-69-4	DFA VA Int'l Value Port		12/31/2019	Various	507,345.000	6,080,433		
233203-71-0	DFA VA US Targeted Value Port		12/31/2019	Various	531,566.000	9,149,472		
233203-77-7	DFA VA US Large Value Port		12/30/2019	Various	47,970.000	1,233,002		
233203-71-0	DFA VA US Targeted Value Port		12/31/2019	Various	167,511.000	2,902,474		
233203-72-8	DFA VA Global Bond Port		12/31/2019	Various	1,671,296.000	17,662,942		
233206-12-5	DFA VA Equity Allocation Port		12/17/2019	Various	81,344.000	885,789		
233203-72-8	DFA VA Global Bond Port		12/30/2019	Various	130,650.000	1,383,671		
233203-77-7	DFA VA US Large Value Port		12/31/2019	Various	506,166.000	12,897,062		
246493-54-8	Del VIP Diversf Inc Ser Std 1		12/31/2019	Various	105,764.000	1,108,692		
233203-77-7	DFA VA US Large Value Port		12/30/2019	Various	153,353.000	3,958,119		
233206-12-5	DFA VA Equity Allocation Port		12/31/2019	Various	562,253.000	6,169,513		
246493-67-0	Del VIP Sml Cap Val Ser Std 1		12/31/2019	Various	20,825.000	747,670		
233206-12-5	DFA VA Equity Allocation Port		12/30/2019	Various	459,990.000	5,013,734		
246493-54-8	Del VIP Diversf Inc Ser Std 1		12/31/2019	Various	2,468,264.000	25,783,126		
25239Y-54-3	DFA VIT Inflation Protected Sec		12/30/2019	Various	24,368.000	246,357		
246493-54-8	Del VIP Diversf Inc Ser Std 1		12/31/2019	Various	157,489.000	1,634,557		
246493-67-0	Del VIP Sml Cap Val Ser Std 1		12/31/2019	Various	221,219.000	7,829,630		
25239Y-58-4	DFA VA Global Mod Alloction		12/26/2019	Various	68,316.000	879,356		
246493-67-0	Del VIP Sml Cap Val Ser Std 1		12/30/2019	Various	26,261.000	937,782		
246493-76-1	Del VIP Intl Val Eq Ser Std 1		12/31/2019	Various	752,815.000	8,785,111		
355150-77-2	Franklin Developing Mkts VIP Fnd CI 1		12/30/2019	Various	64,512.000	617,547		
246493-76-1	Del VIP Intl Val Eq Ser Std 1		12/30/2019	Various	53,266.000	622,439		
25239Y-58-4	DFA VA Global Mod Alloction		12/31/2019	Various	1,080,051.000	13,772,481		
41015H-71-1	John Hancock Emerging Markets Value Trust		12/30/2019	Various	55,116.000	493,798		
25239Y-54-3	DFA VIT Inflation Protected Sec		12/31/2019	Various	11,616.000	119,493		
355150-71-5	Franklin Mutual Shares VIP Fnd CI 1		12/31/2019	Various	47,063.000	869,629		
552748-10-5	MFin M International Equity Fd		12/31/2019	Various	78,280.000	928,020		
25239Y-58-4	DFA VA Global Mod Alloction		12/31/2019	Various	190,397.000	2,456,026		
355150-74-9	Franklin Sm-Mid Cap Growth VIP Fnd CI 1		12/31/2019	Various	341,111.000	6,601,193		
552748-20-4	MFin M Large Cap Growth Fd		12/31/2019	Various	26,868.000	758,266		
355150-71-5	Franklin Mutual Shares VIP Fnd CI 1		12/24/2019	Various	13,176.000	249,018		
355150-77-2	Franklin Developing Mkts VIP Fnd CI 1		12/31/2019	Various	381,891.000	3,678,386		
552748-30-3	MFin M Capital Appreciation Fd		12/31/2019	Various	111,349.000	2,677,213		
355150-74-9	Franklin Sm-Mid Cap Growth VIP Fnd CI 1		12/30/2019	Various	31,285.000	606,627		
355150-88-9	Franklin Income VIP Fnd CI 1		12/30/2019	Various	219,262.000	3,505,271		
552748-50-1	MFin M Business Opp Val Fd		12/31/2019	Various	32,654.000	411,914		
355150-77-2	Franklin Developing Mkts VIP Fnd CI 1		12/30/2019	Various	54,611.000	532,727		
41015H-71-1	John Hancock Emerging Markets Value Trust		12/31/2019	Various	1,510,138.000	13,775,592		
641222-70-8	Neuberger Berman AMT MC Intrinsic Val I		12/31/2019	Various	20,115.000	333,643		
355150-88-9	Franklin Income VIP Fnd CI 1		12/24/2019	Various	27,782.000	440,299		
471021-43-6	Janus Henderson Mid-Cap Value Port Inst		12/31/2019	Various	203,217.000	3,170,110		
693394-58-7	PIMCO-PVIT EnghlktBond Inst		12/31/2019	Various	9,858.000	125,430		
41015H-71-1	John Hancock Emerging Markets Value Trust		12/31/2019	Various	243,195.000	2,225,126		

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 3

Showing All Long-Term Bonds and Stocks ACQUIRED During Current Year

1	2	3	4	5	6	7	8	9
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends
471021-70-9	Janus Henderson Overseas Port Inst		12/31/2019	Various	17,938,000	548,623		
693394-67-8	PIMCO-PVIT Gbl Bd Unhdgd Inst		12/31/2019	Various	1,937,000	21,708		
471021-43-6	Janus Henderson Mid-Cap Value Port Inst		12/30/2019	Various	44,569,000	687,131		
471021-86-5	Janus Henderson Forty Port Inst		12/31/2019	Various	184,744,000	7,476,046		
693394-74-4	PIMCO-PVIT Real Return Inst		12/31/2019	Various	13,683,000	170,109		
471021-70-9	Janus Henderson Overseas Port Inst		12/20/2019	Various	1,715,000	51,344		
52467K-83-9	Legg Mason WA Var Global High Yield Bd 1		12/31/2019	Various	462,364,000	3,319,594		
693394-78-5	PIMCO VIT Tot Ret Port Inst		12/31/2019	Various	42,076,000	458,131		
471021-86-5	Janus Henderson Forty Port Inst		12/31/2019	Various	22,633,000	917,423		
52467M-84-3	Legg Mason Cllbrdg Var Sml Cap Grw Cl 1		12/31/2019	Various	82,253,000	2,285,162		
742969-57-9	Principal PVC Equity Income Acct Cl 1		12/31/2019	Various	35,442,000	918,634		
52467K-83-9	Legg Mason WA Var Global High Yield Bd 1		12/31/2019	Various	33,125,000	237,254		
52467X-20-3	Legg Mason Cllbrdg Var Aggres Growth Cl 1		12/31/2019	Various	249,571,000	6,412,339		
742969-60-3	Principal PVC MidCap Acct Cl 1		12/19/2019	Various	1,372,000	78,366		
52467M-84-3	Legg Mason Cllbrdg Var Sml Cap Grw Cl 1		12/30/2019	Various	12,939,000	352,879		
55273F-10-0	MFS-VIT Growth Series		12/31/2019	Various	5,750,000	331,626		
74437G-85-4	PS Natural Res Port Cl B		12/31/2019	Various	5,168,000	117,283		
52467X-20-3	Legg Mason Cllbrdg Var Aggres Growth Cl 1		12/30/2019	Various	21,872,000	565,883		
55273F-60-5	MFS-VIT Utility Series		12/31/2019	Various	54,395,000	1,820,132		
77954R-10-4	TRPrice Limited Term Bond		12/31/2019	Various	20,637,000	99,907		
55273F-10-0	MFS-VIT Growth Series		12/26/2019	Various	1,048,000	58,927		
55273F-83-7	MFS-VIT Global Eqty Series		12/31/2019	Various	123,757,000	2,628,334		
77954T-60-5	T Rowe Price Health Sciences I		12/30/2019	Various	5,366,000	250,569		
55273F-60-5	MFS-VIT Utility Series		12/31/2019	Various	3,161,000	106,259		
55274F-61-2	MFS VITI Mass Invest Grwth Stk IC		12/31/2019	Various	258,048,000	5,459,040		
87244V-10-4	TIAA-CREF Life Growth Equity		12/30/2019	Various	211,891,000	3,301,071		
55273F-83-7	MFS-VIT Global Eqty Series		12/30/2019	Various	29,707,000	634,723		
641222-60-9	Neuberger Berman AMT Sustainable Equity I		12/30/2019	Various	83,582,000	2,169,896		
87244V-20-3	TIAA-CREF Life Intl Equity		12/30/2019	Various	180,138,000	1,390,281		
55274F-61-2	MFS VITI Mass Invest Grwth Stk IC		12/30/2019	Various	40,005,000	843,776		
641222-70-8	Neuberger Berman AMT MC Intrinsic Val I		12/31/2019	Various	811,572,000	13,247,324		
87244V-30-2	TIAA-CREF Life Growth & Income		12/31/2019	Various	25,308,000	443,395		
641222-60-9	Neuberger Berman AMT Sustainable Equity I		12/30/2019	Various	12,902,000	336,027		
693394-58-7	PIMCO-PVIT EmgMktBond Inst		12/31/2019	Various	646,490,000	8,292,594		
87244V-40-1	TIAA-CREF Life Stock Index		12/31/2019	Various	188,666,000	4,751,225		
641222-70-8	Neuberger Berman AMT MC Intrinsic Val I		12/31/2019	Various	54,988,000	895,354		
693394-61-1	PIMCO-PVIT ComRIRetStrat Inst		12/31/2019	Various	79,122,000	496,700		
87244V-50-0	TIAA-CREF Life Social Choice		12/19/2019	Various	6,390,000	103,920		
693394-58-7	PIMCO-PVIT EmgMktBond Inst		12/31/2019	Various	64,106,000	822,737		
693394-64-5	PIMCO-PVIT All Asset Fd Inst		12/31/2019	Various	127,374,000	1,352,124		
87244V-60-9	TIAA-CREF Life Large Cap Value		12/16/2019	Various	24,908,000	353,259		
693394-61-1	PIMCO-PVIT ComRIRetStrat Inst		12/30/2019	Various	34,371,000	220,162		
693394-67-8	PIMCO-PVIT Gbl Bd Unhdgd Inst		12/31/2019	Various	146,536,000	1,639,336		
87244V-70-8	TIAA-CREF Life Small Cap Eqty		12/24/2019	Various	120,074,000	1,636,924		
693394-64-5	PIMCO-PVIT All Asset Fd Inst		12/31/2019	Various	22,681,000	239,468		
693394-74-4	PIMCO-PVIT Real Return Inst		12/31/2019	Various	1,299,052,000	16,115,383		
87244V-80-7	TIAA-CREF Life Real Estate		12/26/2019	Various	14,052,000	206,966		
693394-67-8	PIMCO-PVIT Gbl Bd Unhdgd Inst		12/31/2019	Various	13,514,000	150,999		
742969-57-9	Principal PVC Equity Income Acct Cl 1		12/31/2019	Various	793,050,000	20,733,984		
87244V-86-4	TIAA-CREF Life Balanced		12/26/2019	Various	130,656,000	1,580,355		
693394-74-4	PIMCO-PVIT Real Return Inst		12/31/2019	Various	133,501,000	1,650,429		
742969-60-3	Principal PVC MidCap Acct Cl 1		12/31/2019	Various	42,521,000	2,470,881		
87244V-87-2	TIAA-CREF Life Money Market		12/31/2019	Various	4,804,647,000	4,804,647		
742969-57-9	Principal PVC Equity Income Acct Cl 1		12/30/2019	Various	61,446,000	1,597,994		
74437G-60-7	PS Value Port Cl B		12/31/2019	Various	96,279,000	3,121,696		
87244V-88-0	TIAA-CREF Life Bond		12/30/2019	Various	107,589,000	1,111,465		
742969-60-3	Principal PVC MidCap Acct Cl 1		12/24/2019	Various	2,589,000	147,544		
74437G-78-9	PS Jennison 20/20 Port Cl B		12/31/2019	Various	179,701,000	5,863,329		
921925-20-2	Vanguard Vanguard VIF TotBond Mkt Idx		12/31/2019	Various	172,233,000	2,044,022		
74437G-60-7	PS Value Port Cl B		12/26/2019	Various	205,000	6,411		
74437G-85-4	PS Natural Res Port Cl B		12/31/2019	Various	24,056,000	553,435		
921925-30-1	Vanguard WIF Equity Index		12/30/2019	Various	148,483,000	6,287,080		
74437G-78-9	PS Jennison 20/20 Port Cl B		12/30/2019	Various	4,302,000	140,962		
74925K-42-5	Matson Money Fixed Income VI Port		12/31/2019	Various	420,622,000	10,512,674		
921925-80-6	Vanguard VIF High Yield Bond		12/30/2019	Various	64,904,000	504,222		

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 3

Showing All Long-Term Bonds and Stocks ACQUIRED During Current Year

1	2	3	4	5	6	7	8	9
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends
74437G-95-4	PS Natural Res Port CI B		12/30/2019	Various	9,156,000	207,632		
74925K-43-3	Matson Money Intl Equity VI Port		12/31/2019	Various	347,461,000	8,126,123		
921925-82-2	Vanguard VIF Capital Growth		12/30/2019	Various	27,547,000	1,001,976		
74925K-42-5	Matson Money Fixed Income VI Port		12/31/2019	Various	24,177,000	604,840		
74925K-44-1	Matson Money Market US Equity VI Port		12/31/2019	Various	389,506,000	10,911,047		
921925-84-8	Vanguard VIF REIT Index		12/31/2019	Various	52,404,000	677,084		
74925K-43-3	Matson Money Intl Equity VI Port		12/30/2019	Various	33,858,000	799,206		
77954R-10-4	T Rowe Price Limited Term Bond		12/31/2019	Various	2,575,741,000	12,439,151		
921925-85-5	Vanguard VIF MidCap Index		12/19/2019	Various	170,094,000	3,734,426		
74925K-44-1	Matson Money Market US Equity VI Port		12/30/2019	Various	34,142,000	971,714		
77954T-60-5	T Rowe Price Health Sciences i		12/31/2019	Various	71,511,000	3,331,696		
921925-88-9	Vanguard VIF Small Cp Growth		12/31/2019	Various	111,189,000	2,462,435		
77954R-10-4	TRPrice Limited Term Bond		12/31/2019	Various	200,595,000	973,875		
78080T-10-5	Royce Small Cap Annuity Invest		12/31/2019	Various	436,053,000	3,660,384		
92913T-88-5	VOYA Russell LgCap Gr Idx Init		12/30/2019	Various	7,308,000	274,424		
77954T-60-5	T Rowe Price Health Sciences i		12/30/2019	Various	14,643,000	692,318		
78080T-30-3	Royce Micro Cap Annuity Invest		12/31/2019	Various	19,531,000	191,851		
92914E-81-2	VOYA Clarion Global Real Est I		12/30/2019	Various	2,692,000	33,278		
78080T-10-5	Royce Small Cap Annuity Invest		12/30/2019	Various	26,205,000	217,857		
87244V-10-4	TIAA-CREF Life Growth Equity		12/31/2019	Various	1,710,512,000	26,869,349		
78080T-30-3	Royce Micro Cap Annuity Invest		12/30/2019	Various	5,540,000	54,150		
87244V-20-3	TIAA-CREF Life Intl Equity		12/31/2019	Various	2,844,625,000	21,873,024		
87244V-10-4	TIAA-CREF Life Growth Equity		12/30/2019	Various	101,673,000	1,604,336		
87244V-30-2	TIAA-CREF Life Growth & Income		12/31/2019	Various	1,437,171,000	25,550,268		
87244V-20-3	TIAA-CREF Life Intl Equity		12/30/2019	Various	367,737,000	2,842,287		
87244V-40-1	TIAA-CREF Life Stock Index		12/31/2019	Various	3,553,166,000	90,657,227		
87244V-30-2	TIAA-CREF Life Growth & Income		12/31/2019	Various	73,045,000	1,300,607		
87244V-50-0	TIAA-CREF Life Social Choice		12/31/2019	Various	1,076,235,000	17,156,214		
87244V-40-1	TIAA-CREF Life Stock Index		12/31/2019	Various	1,017,015,000	26,243,945		
87244V-60-9	TIAA-CREF Life Large Cap Value		12/31/2019	Various	841,679,000	11,775,877		
87244V-50-0	TIAA-CREF Life Social Choice		12/30/2019	Various	36,263,000	585,859		
87244V-70-8	TIAA-CREF Life Small Cap Eqty		12/31/2019	Various	1,000,396,000	13,065,906		
87244V-60-9	TIAA-CREF Life Large Cap Value		12/30/2019	Various	45,429,000	632,948		
87244V-80-7	TIAA-CREF Life Real Estate		12/31/2019	Various	1,004,191,000	15,149,362		
87244V-70-8	TIAA-CREF Life Small Cap Eqty		12/30/2019	Various	78,958,000	1,035,191		
87244V-86-4	TIAA-CREF Life Balanced		12/31/2019	Various	1,091,788,000	13,011,478		
87244V-80-7	TIAA-CREF Life Real Estate		12/31/2019	Various	106,246,000	1,569,045		
87244V-87-2	TIAA-CREF Life Money Market		12/31/2019	Various	77,291,061,000	77,291,061		
87244V-86-4	TIAA-CREF Life Balanced		12/30/2019	Various	26,593,000	325,364		
87244V-88-0	TIAA-CREF Life Bond		12/31/2019	Various	3,862,057,000	40,335,530		
87244V-87-2	TIAA-CREF Life Money Market		12/31/2019	Various	15,723,260,000	15,723,260		
921925-20-2	Vanguard Vanguard VIF TotBond Mkt Idx		12/31/2019	Various	7,082,770,000	84,183,148		
87244V-88-0	TIAA-CREF Life Bond		12/31/2019	Various	153,942,000	1,607,981		
921925-30-1	Vanguard WIF Equity Index		12/31/2019	Various	989,261,000	41,477,098		
921925-20-2	Vanguard Vanguard VIF TotBond Mkt Idx		12/31/2019	Various	486,804,000	5,810,230		
921925-80-6	Vanguard VIF High Yield Bond		12/31/2019	Various	1,852,963,000	14,490,837		
921925-30-1	Vanguard WIF Equity Index		12/30/2019	Various	165,076,000	7,244,823		
921925-82-2	Vanguard VIF Capital Growth		12/31/2019	Various	198,559,000	7,186,407		
921925-80-6	Vanguard VIF High Yield Bond		12/30/2019	Various	179,607,000	1,417,770		
921925-84-8	Vanguard VIF REIT Index		12/31/2019	Various	723,034,000	9,287,902		
921925-82-2	Vanguard VIF Capital Growth		12/30/2019	Various	39,078,000	1,421,983		
921925-85-5	Vanguard VIF MidCap Index		12/31/2019	Various	1,198,091,000	26,515,433		
921925-84-8	Vanguard VIF REIT Index		12/30/2019	Various	141,015,000	1,808,578		
921925-88-9	Vanguard VIF Small Cp Growth		12/31/2019	Various	528,349,000	11,425,118		
921925-85-5	Vanguard VIF MidCap Index		12/31/2019	Various	193,445,000	4,313,398		
92914E-81-2	VOYA Clarion Global Real Est I		12/31/2019	Various	146,566,000	1,810,622		
921925-88-9	Vanguard VIF Small Cp Growth		12/31/2019	Various	79,887,000	1,734,023		
933702-10-2	Wanger US Smaller Co Fund		12/31/2019	Various	96,748,000	2,014,218		
92914E-81-2	VOYA Clarion Global Real Est I		12/30/2019	Various	11,384,000	140,360		
933702-20-1	Wanger Intl Small Cap Fund		12/31/2019	Various	148,210,000	3,531,882		
933702-10-2	Wanger US Smaller Co Fund		12/30/2019	Various	8,848,000	186,347		
933702-30-0	Wanger Select Fund		12/31/2019	Various	47,465,000	807,365		
933702-20-1	Wanger Intl Small Cap Fund		12/30/2019	Various	15,844,000	378,883		
933702-30-0	Wanger Select Fund		12/30/2019	Various	17,397,000	303,641		

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 3

Showing All Long-Term Bonds and Stocks ACQUIRED During Current Year

1	2	3	4	5	6	7	8	9
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends
9499999. Subtotal - Common Stocks - Mutual Funds						1,087,020,379	XXX	
9799997. Total - Common Stocks - Part 3						1,087,020,379	XXX	
9799998. Total - Common Stocks - Part 5						66,555,604	XXX	
9799999. Total - Common Stocks						1,153,575,983	XXX	
9899999. Total - Preferred and Common Stocks						1,153,575,983	XXX	
9999999 - Totals						3,210,924,599	XXX	1,196,068

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ Decrease	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Contractual Maturity Date
912828-5D-8	US TREASURY SEC 2.875% 09/30/23		09/17/2019	Direct		2,511,722	2,405,000	2,396,451	2,396,877		1,219		1,219		2,398,096		113,626	113,626	66,877	09/30/2023
912828-5P-1	US TREASURY N/B 2.875% 11/30/23		01/07/2019	Various		5,087,891	5,000,000	5,007,617	5,007,496		(29)		(29)		5,007,467		80,424	80,424	15,402	11/30/2023
912828-5R-7	US TREASURY N B 2.625% 12/15/21		01/14/2019	Various		39,628,008	39,500,000	39,515,898	39,516,405		(154)		(154)		39,516,251		111,757	111,757	86,430	12/15/2021
912828-L9-9	US TREASURY N/B 1.375% 10/31/20		02/28/2019	Various		28,046,518	28,595,000	28,339,526	28,501,220		6,503		6,503		28,507,723		(461,205)	(461,205)	116,495	10/31/2020
912828-R7-7	US TREASURY BILL 1.375% 05/31/21		03/28/2019	Various		4,888,125	5,000,000	5,035,547	5,017,235		(1,420)		(1,420)		5,015,815		(127,690)	(127,690)	19,756	05/31/2021
0599999. Subtotal - Bonds - U.S. Governments						80,162,264	80,500,000	80,295,039	80,439,233		6,119		6,119		80,445,352		(283,088)	(283,088)	304,960	XXX
00254E-MN-9	AB SVENSK EXPORTKREDIT 1.750% 05/18/20	D	09/17/2019	Direct		2,296,621	2,300,000	2,294,043	2,297,266		1,413		1,413		2,298,679		(2,058)	(2,058)	33,542	05/18/2020
	EXPORT-IMPORT BANK KOREA 1.875% 10/21/21																			
302154-CF-4	KOREA HOUSING FINANCE CO SERIES 144A	D	10/31/2019	Various		5,954,438	6,000,000	5,973,840	5,985,330		3,949		3,949		5,989,279		(34,841)	(34,841)	106,979	10/21/2021
50065R-AE-7	2.000% 10/11/21	D	11/05/2019	Various		8,248,733	8,300,000	8,276,843	8,287,141		3,614		3,614		8,290,755		(42,022)	(42,022)	166,692	10/11/2021
	SAUDI INTERNATIONAL BOND SERIES 144A																			
80413T-AA-7	2.375% 10/26/21	D	10/31/2019	Various		10,770,866	10,750,000	10,643,253	10,689,846		16,637		16,637		10,706,483		64,383	64,383	245,433	10/26/2021
1099999. Subtotal - Bonds - All Other Governments						27,270,658	27,350,000	27,187,979	27,259,583		25,613		25,613		27,285,196		(14,538)	(14,538)	552,646	XXX
13063D-AD-0	CALIFORNIA ST SERIES A 2.367% 04/01/22		09/09/2019	PIPER JAFFRAY & CO		1,353,276	1,335,000	1,335,000	1,335,000						1,335,000		18,276	18,276	29,844	04/01/2022
1799999. Subtotal - Bonds - U.S. States, Territories and Possessions						1,353,276	1,335,000	1,335,000	1,335,000						1,335,000		18,276	18,276	29,844	XXX
13034P-UF-2	CALIFORNIA ST HSG FIN AGY REVE 2.379% 08/01/20		05/07/2019	FUND FUNDS II		5,138,155	5,150,000	5,150,000	5,150,000						5,150,000		(11,845)	(11,845)	94,612	08/01/2020
	COLORADO ST COPS SERIES B 2.658% 09/01/20																			
196711-PW-9	FREMF MORTGAGE TRUST SERIES 2011-K11 CLASS B 144A 4.567% 12/25/48		09/09/2019	Various		3,488,973	3,480,000	3,480,000	3,480,000						3,480,000		8,973	8,973	73,195	09/01/2020
30262B-AL-9	FHLNC POOL G14800 4.000% 06/01/25		11/04/2019	Various		6,985,471	6,837,094	7,195,774	7,059,101		(93,761)		(93,761)		6,965,340		20,131	20,131	259,559	12/25/2048
3128MD-RV-7	FHLNC POOL G14800 4.000% 06/01/25		09/06/2019	Various		486,773	467,419	495,903	483,236		(1,602)		(1,602)		481,634		5,139	5,139	14,490	06/01/2025
3128MD-RV-7	FANNIE MAE SERIES 2012-35 CLASS EL 3.500% 11/25/40		09/01/2019	Paydown		124,646	124,646	132,242	128,864		(4,218)		(4,218)		124,646				2,165	06/01/2025
3136A5-QD-1	FANNIE MAE SERIES 2012-35 CLASS EL 3.500% 11/25/40		09/17/2019	Direct		1,521,859	1,483,598	1,583,276	1,521,707		(5,796)		(5,796)		1,515,911		5,948	5,948	41,397	11/25/2040
3136A5-QD-1	FNMA REMICS SERIES 2014-26 CLASS KA 4.000% 04/25/39		09/01/2019	Paydown		267,596	267,596	285,575	274,470		(6,874)		(6,874)		267,596				4,025	11/25/2040
3136AJ-C7-9	FNMA REMICS SERIES 2014-26 CLASS KA 4.000% 04/25/39		09/09/2019	Various		1,175,057	1,154,272	1,241,203	1,195,572		(6,974)		(6,974)		1,188,598		(13,541)	(13,541)	36,039	04/25/2039
3136AJ-C7-9	FANNIE MAE SERIES 2014-70 CLASS A 3.000% 06/25/40		09/01/2019	Paydown		340,974	340,974	366,654	353,174		(12,200)		(12,200)		340,974				6,301	04/25/2039
3136AL-VF-5	FANNIE MAE SERIES 2014-70 CLASS A 3.000% 06/25/40		09/09/2019	Various		2,117,761	2,083,818	2,170,101	2,156,098		(2,149)		(2,149)		2,153,949		(36,188)	(36,188)	48,796	06/25/2040
3136AL-VF-5	FNMA SERIES 2016-66 CLASS MB 3.000% 05/25/44		12/01/2019	Paydown		576,085	576,085	599,800	595,953		(19,868)		(19,868)		576,085				8,533	06/25/2040
3136AT-PM-0	FREDDIE MAC SERIES 3979 CLASS VA 3.500% 10/15/21		12/01/2019	Paydown		821,745	821,745	854,615	851,848		(30,103)		(30,103)		821,745				13,922	05/25/2044
3137AK-PD-7	FREDDIE MAC SERIES 4015 CLASS DC 2.250% 09/15/39		11/01/2019	Paydown		551,047	551,047	584,627	562,205		(11,158)		(11,158)		551,047				13,535	10/15/2021
3137AN-BX-2	FREDDIE MAC SERIES 4015 CLASS DC 2.250% 09/15/39		09/09/2019	WELLS FARGO BANK		675,109	675,109	683,548	675,010		99		99		675,109				11,857	09/15/2039
3137AN-BX-2	FREDDIE MAC SERIES 4182 CLASS C 3.000% 06/15/37		09/01/2019	Paydown		164,059	164,059	166,110	164,035		24		24		164,059				1,614	09/15/2039
3137B0-UT-9	FREDDIE MAC REMICS SERIES 4212 CLASS LA 3.000% 10/15/39		12/01/2019	Paydown		662,559	662,559	686,059	681,440		(18,881)		(18,881)		662,559				12,916	06/15/2037
3137B2-QL-7	FREDDIE MAC REMICS SERIES 4212 CLASS LA 3.000% 10/15/39		09/09/2019	PERSHING LLC, USA		1,753,586	1,725,678	1,792,548	1,779,785		(1,634)		(1,634)		1,778,151		(24,565)	(24,565)	40,410	10/15/2039
3137B2-QL-7	FHLNC MULTIFAMILY STRUCTURED P SERIES 4299 CLASS AB 3.000% 12/15/37		12/01/2019	Paydown		798,443	798,443	829,383	823,477		(25,034)		(25,034)		798,443				11,923	10/15/2039
3137B7-4C-0	FHLNC MULTIFAMILY STRUCTURED P SERIES 4299 CLASS AB 3.000% 12/15/37		09/09/2019	Various		2,478,004	2,432,677	2,535,305	2,493,290		(6,721)		(6,721)		2,486,569		(8,565)	(8,565)	56,965	12/15/2037
3137B7-4C-0	FHLNC SERIES 4313 CLASS LJ 3.000% 03/15/28		09/01/2019	Paydown		345,142	345,142	359,703	353,742		(8,600)		(8,600)		345,142				4,713	12/15/2037
3137B8-UP-0			09/09/2019	Various		1,693,158	1,664,102	1,729,626	1,695,747		(5,214)		(5,214)		1,690,533		2,625	2,625	38,968	03/15/2028

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identifi- cation	Description	For- eign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ Decrease	Current Year's (Amor- tization)/ Accretion	Current Year's Other- Than- Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Con- tractual Maturity Date
3137B8-UP-0	FHLMC SERIES 4313 CLASS LJ 3.000% 03/15/28		09/01/2019	Paydown		374,372	374,372	389,113	381,491		(7,119)		(7,119)		374,372				4,451	03/15/2028
3137B9-ST-3	FHLMC MULTIFAMILY STRUCTURED P SERIES 4327 CLASS A 4.000% 02/15/40		09/09/2019	Various		1,052,275	1,036,286	1,112,874	1,077,001		(5,581)		(5,581)		1,071,420		(19,145)	(19,145)	32,355	02/15/2040
3137B9-ST-3	FHLMC MULTIFAMILY STRUCTURED P SERIES 4327 CLASS A 4.000% 02/15/40		12/01/2019	Paydown		871,638	871,638	936,057	905,885		(34,247)		(34,247)		871,638				17,574	02/15/2040
3137B6-66-9	FHLMC SERIES 4428 CLASS LA 3.000% 06/15/39		09/17/2019	Direct		2,141,013	2,113,361	2,189,392	2,176,181		(2,147)		(2,147)		2,174,034		(33,021)	(33,021)	50,545	06/15/2039
3137B6-66-9	FHLMC SERIES 4428 CLASS LA 3.000% 06/15/39		12/01/2019	Paydown		870,683	870,683	902,008	896,565		(25,882)		(25,882)		870,683				12,887	06/15/2039
3137GA-D7-9	FHLMC SERIES 3721 CLASS PE 3.500% 09/15/40		12/01/2019	Paydown		845,708	845,708	891,429	886,355		(40,647)		(40,647)		845,708				16,072	09/15/2040
3138EH-TA-0	FNMA POOL AL1444 3.000% 02/01/27		09/17/2019	Direct		1,314,411	1,278,126	1,361,004	1,325,701		(4,114)		(4,114)		1,321,587		(7,176)	(7,176)	30,569	02/01/2027
3138EH-TA-0	FNMA POOL AL1444 3.000% 02/01/27		09/01/2019	Paydown		261,897	261,897	278,880	271,645		(9,748)		(9,748)		261,897				3,471	02/01/2027
3138LU-Q5-7	FNMA POOL AO4075 3.000% 05/01/27		09/06/2019	Various		1,858,816	1,812,650	1,910,646	1,867,128		(4,314)		(4,314)		1,862,812		(3,996)	(3,996)	42,144	05/01/2027
3138LU-Q5-7	FNMA POOL AO4075 3.000% 05/01/27		09/01/2019	Paydown		400,052	400,052	421,679	412,075		(12,023)		(12,023)		400,052				4,979	05/01/2027
3138MB-LL-8	FNMA POOL AP7530 2.500% 09/01/27		09/17/2019	Direct		2,197,243	2,178,247	2,287,840	2,241,710		(5,105)		(5,105)		2,236,605		(39,362)	(39,362)	43,414	09/01/2027
3138MB-LL-8	FNMA POOL AP7530 2.500% 09/01/27		09/01/2019	Paydown		401,607	401,607	421,812	413,308		(11,701)		(11,701)		401,607				4,228	09/01/2027
3138W9-MY-3	FNMA POOL AS0374 3.000% 09/01/23		09/06/2019	Various		1,675,546	1,633,932	1,703,802	1,666,222		(4,689)		(4,689)		1,661,533		14,013	14,013	37,989	09/01/2023
3138W9-MY-3	FNMA POOL AS0374 3.000% 09/01/23		09/01/2019	Paydown		635,968	635,968	663,164	648,536		(12,568)		(12,568)		635,968				8,740	09/01/2023
342816-P5-8	FLORIDA ST MUNI PWIR AGY SERIES B 2.380% 10/01/21		10/28/2019	Various		1,901,775	1,890,000	1,890,000	1,890,000						1,890,000		11,775	11,775	45,544	10/01/2021
342816-P6-6	FLORIDA ST MUNI PWIR AGY SERIES B 2.580% 10/01/22		10/28/2019	FIRST TENNESSEE BANK N.A. MEMP		1,422,330	1,400,000	1,400,000	1,400,000						1,400,000		22,330	22,330	36,572	10/01/2022
349507-AD-5	FORT WORTH TX SPL TAX REVENUE SERIES B 2.310% 03/01/21		10/28/2019	Various		1,005,390	1,000,000	1,000,000	1,000,000						1,000,000		5,390	5,390	25,314	03/01/2021
349507-AE-3	FORT WORTH TX SPL TAX REVENUE SERIES B 2.510% 03/01/22		10/28/2019	Various		1,296,608	1,280,000	1,280,000	1,280,000						1,280,000		16,608	16,608	35,207	03/01/2022
41978C-AE-5	HAWAII ST ARPTS SYS CUSTOMER F SERIES A 2.529% 07/01/22		10/28/2019	Various		542,316	535,000	535,000	535,000						535,000		7,316	7,316	17,090	07/01/2022
49151F-XH-8	KENTUCKY ST PROPERTY & BLDGS C SERIES C 2.764% 05/01/22		10/28/2019	Various		507,063	500,000	500,000	500,000						500,000		7,063	7,063	12,653	05/01/2022
57583U-VB-1	MASSACHUSETTS ST DEV FIN AGY 2.324% 07/01/19		07/01/2019	Maturity		400,000	400,000	400,000	400,000						400,000				9,296	07/01/2019
57583U-VC-9	MASSACHUSETTS ST DEV FIN AGY 2.690% 07/01/20		09/09/2019	RAYMOND JAMES/FI		401,616	400,000	400,000	400,000						400,000		1,616	1,616	12,852	07/01/2020
59333P-UB-9	MIAMI DADE CNTY FL AVIATION RE 1.885% 10/01/21		10/28/2019	Various		3,744,544	3,750,000	3,750,000	3,750,000						3,750,000		(5,456)	(5,456)	71,571	10/01/2021
59447T-JU-8	MICHIGAN ST FIN AUTH REVENUE SERIES C 1 1.941% 11/01/21		10/28/2019	Various		2,562,187	2,570,000	2,570,000	2,570,000						2,570,000		(7,813)	(7,813)	46,350	11/01/2021
59447T-KF-9	MICHIGAN ST FIN AUTH REVENUE SERIES C 2 2.091% 11/01/20		10/28/2019	BARCLAYS CAPITAL INC		6,758,812	6,765,000	6,765,000	6,765,000						6,765,000		(6,188)	(6,188)	131,443	11/01/2020
59447T-KG-7	MICHIGAN ST FIN AUTH REVENUE SERIES C 2 2.241% 11/01/21		10/28/2019	Various		3,167,442	3,160,000	3,160,000	3,160,000						3,160,000		7,442	7,442	65,800	11/01/2021
603827-XP-6	MINNEAPOLIS SAINT PAUL MN META SERIES E 2.050% 01/01/20		10/28/2019	BARCLAYS CAPITAL INC		4,998,750	5,000,000	5,000,000	5,000,000						5,000,000		(1,250)	(1,250)	129,406	01/01/2020
696624-AU-9	PALM DESERT CA REDEV AGY SUCC E SERIES B 2.625% 10/01/21		09/09/2019	Various		2,027,000	2,000,000	1,986,720	1,992,175		1,754		1,754		1,993,929		33,071	33,071	45,646	10/01/2021
696624-CD-5	PALM DESERT CA REDEV AGY SUCC E SERIES H-B 2.625% 10/01/21		09/09/2019	FUND FUNDS II		2,509,625	2,500,000	2,483,400	2,490,219		1,296		1,296		2,491,515		18,110	18,110	40,378	10/01/2021
696624-CE-3	PALM DESERT CA REDEV AGY SUCC E SERIES H-B 2.750% 10/01/22		10/28/2019	Various		6,148,190	6,015,000	5,928,685	5,957,887		11,578		11,578		5,969,465		178,725	178,725	167,490	10/01/2022
74442P-FY-6	PUBLIC FIN AUTH WI REVENUE SERIES A 2.584% 07/01/19		07/01/2019	Maturity		1,055,000	1,055,000	1,055,000	1,055,000						1,055,000				27,261	07/01/2019
74442P-FZ-3	PUBLIC FIN AUTH WI REVENUE SERIES A 2.741% 07/01/20		10/28/2019	Various		1,002,325	1,000,000	1,000,000	1,000,000						1,000,000		2,325	2,325	34,605	07/01/2020
74442P-GA-7	PUBLIC FIN AUTH WI REVENUE SERIES A 2.986% 07/01/21		10/28/2019	Various		603,786	600,000	600,000	600,000						600,000		3,786	3,786	22,619	07/01/2021

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identi- fication	Description	For- eign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ Decrease	Current Year's (Amor- tization)/ Accretion	Current Year's Other- Than- Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Con- tractual Maturity Date
914126-2U-8	UNIV OF CALIFORNIA CA REVENUE SERIES N 2.519% 05/15/23		10/28/2019	Various		10,211,150	10,000,000	10,000,000	10,000,000						10,000,000		211,150	211,150	224,261	05/15/2023
91756T-AG-6	UTAH ST MUNI PIWR AGY PIWR SPLY SERIES A 1.630% 07/01/19		07/01/2019	Maturity		500,000	500,000	500,000	500,000						500,000				8,150	07/01/2019
91756T-AH-4	UTAH ST MUNI PIWR AGY PIWR SPLY SERIES A 1.823% 07/01/20		10/28/2019	Various		838,316	840,000	840,000	840,000						840,000		(1,684)	(1,684)	19,333	07/01/2020
91756T-AJ-0	UTAH ST MUNI PIWR AGY PIWR SPLY SERIES A 2.023% 07/01/21		10/28/2019	Various		499,933	500,000	500,000	500,001						500,001		(68)	(68)	12,770	07/01/2021
956704-YF-1	WEST VIRGINIA ST UNIV REVENUES 2.158% 10/01/19		09/09/2019	BARCLAYS CAPITAL INC		1,999,800	2,000,000	2,000,000	2,000,000						2,000,000		(200)	(200)	40,762	10/01/2019
956704-YG-9	WEST VIRGINIA ST UNIV REVENUES 2.419% 10/01/20		09/09/2019	BARCLAYS CAPITAL INC		1,325,320	1,320,000	1,320,000	1,320,000						1,320,000		5,320	5,320	30,157	10/01/2020
3199999. Subtotal - Bonds - U.S. Special Revenues						104,496,709	103,500,590	105,255,557	104,553,837		(425,921)		(425,921)		104,127,916		368,793	368,793	2,417,883	XXX
00108W-AD-2	AEP TEXAS INC SERIES 144A 2.400% 10/01/22		09/17/2019	Various		12,988,977	13,000,000	12,978,662	12,983,124		2,916		2,916		12,986,040		2,937	2,937	281,067	10/01/2022
00138C-AB-4	AIG GLOBAL FUNDING SERIES 144A 1.900% 10/06/21		09/17/2019	Various		9,905,094	10,000,000	9,981,500	9,989,778		2,325		2,325		9,992,103		(87,009)	(87,009)	164,931	10/06/2021
00206R-DN-9	AT&T INC 3.200% 03/01/22		09/17/2019	Various		10,191,664	10,000,000	9,992,400	9,995,245		975		975		9,996,220		195,444	195,444	315,111	03/01/2022
00206R-GD-8	AT&T INC 3.067% 06/12/24		09/17/2019	Direct		6,116,326	6,000,000	6,000,000	6,000,000						6,000,000		116,326	116,326	176,001	06/12/2024
00287Y-BC-2	ABBVIE INC 3.750% 11/14/23		09/17/2019	Direct		3,023,817	2,900,000	2,896,288	2,896,494		513		513		2,897,007		126,810	126,810	108,750	11/14/2023
00507V-AH-2	ACTIVISION BLIZZARD INC SERIES 144A 2.300% 09/15/21		09/17/2019	Various		5,550,728	5,550,000	5,544,169	5,546,328		851		851		5,547,179		3,549	3,549	118,076	09/15/2021
00912X-AX-2	AIR LEASE CORP 2.750% 01/15/23		10/28/2019	Various		10,049,415	10,000,000	9,904,600	9,925,232		14,031		14,031		9,939,263		110,152	110,152	335,958	01/15/2023
00912X-AZ-7	AIR LEASE CORP 2.500% 03/01/21		08/06/2019	Various		7,122,862	7,100,000	7,056,051	7,069,544		8,443		8,443		7,077,987		44,875	44,875	166,160	03/01/2021
015271-AM-1	ALEXANDRIA REAL ESTATE E 4.000% 01/15/24		09/17/2019	Direct		4,239,136	4,000,000	3,997,320	3,997,576		343		343		3,997,919		241,217	241,217	198,667	01/15/2024
025537-AH-4	AMERICAN ELECTRIC POWER CO INC 2.150% 11/13/20		09/17/2019	Various		4,240,515	4,250,000	4,244,348	4,246,482		1,184		1,184		4,247,666		(7,151)	(7,151)	69,927	11/13/2020
025816-BM-0	AMERICAN EXPRESS CO 2.500% 08/01/22		06/20/2019	WELLS FARGO SECURITIES, LLC		8,242,804	8,200,000	8,193,522	8,195,360		617		617		8,195,977		46,827	46,827	183,931	08/01/2022
025816-BS-7	AMERICAN EXPRESS CO 3.400% 02/27/23		09/17/2019	Various		13,421,680	13,000,000	12,988,170	12,990,166		1,502		1,502		12,991,668		430,012	430,012	434,350	02/27/2023
025816-BW-8	AMERICAN EXPRESS CO SERIES FIX 3.700% 08/03/23		09/17/2019	Various		2,352,401	2,250,000	2,247,660	2,247,854		293		293		2,248,147		104,254	104,254	86,719	08/03/2023
032654-AL-9	ANALOG DEVICES INC 2.500% 12/05/21		09/17/2019	Various		7,118,283	7,100,000	7,071,174	7,083,125		3,615		3,615		7,086,740		31,543	31,543	124,743	12/05/2021
032654-AR-6	ANALOG DEVICES INC 2.950% 01/12/21		09/17/2019	Direct		5,539,079	5,500,000	5,476,460	5,483,157		5,902		5,902		5,489,059		50,020	50,020	191,996	01/12/2021
04550K-AA-9	ASSOCIATED BANK NA SERIES BKNT 3.500% 08/13/21		09/17/2019	Direct		5,589,352	5,500,000	5,484,050	5,486,115		3,771		3,771		5,489,886		99,466	99,466	211,215	08/13/2021
05253J-AQ-4	AUSTRALIA NEW ZEALAND 2.550% 11/23/21		06/07/2019	Various		5,015,700	5,000,000	4,997,900	4,998,785		185		185		4,998,970		16,730	16,730	70,125	11/23/2021
05329W-AK-8	WELLS FARGO SECURITIES, LLC AUTONATION INC 5.500% 02/01/20		03/28/2019	TORONTO DOMINION SECURITIES (US)		5,097,152	5,000,000	5,196,100	5,113,864		(25,878)		(25,878)		5,087,986		9,166	9,166	183,333	02/01/2020
053332-AS-1	AUTOZONE INC 2.500% 04/15/21		06/24/2019			2,005,320	2,000,000	1,999,240	1,999,709		61		61		1,999,770		5,550	5,550	34,861	04/15/2021
05357H-AA-8	AVENTURA MALL TRUST SERIES 2013-AVM CLASS A 144A 3.743% 12/05/32		09/17/2019	Direct		758,237	750,000	763,359	762,504		(581)		(581)		761,923		(3,686)	(3,686)	22,734	12/05/2032
05357H-AG-5	AVENTURA MALL TRUST SERIES 2013-AVM CLASS B 144A 3.743% 12/05/32		01/18/2019	Various		9,385,383	9,300,000	9,574,449	9,470,202		(2,175)		(2,175)		9,468,027		(82,644)	(82,644)	47,750	12/05/2032
05377R-CK-8	AVIS BUDGET RENTAL CAR FUNDIN SERIES 2016-2A CLASS A 144A 2.720% 11/20/22		10/28/2019	Various		8,044,360	8,000,000	7,998,995	7,997,379		460		460		7,997,839		46,521	46,521	159,422	11/20/2022
05377R-CQ-5	AVIS BUDGET RENTAL CAR FUNDIN SERIES 2017-1A CLASS A 144A 3.070% 09/20/23		10/28/2019	Various		7,120,261	7,000,000	6,998,881	6,996,884		573		573		6,997,457		122,804	122,804	159,981	09/20/2023
05377R-CU-6	AVIS BUDGET RENTAL CAR FUNDIN SERIES 2017-2A CLASS A 144A 2.970% 03/20/24		10/28/2019	Various		4,324,877	4,250,000	4,249,097	4,248,932		188		188		4,249,120		75,757	75,757	101,331	03/20/2024
054561-AA-3	AXA EQUITABLE HOLDINGS I SERIES 144A 3.900% 04/20/23		01/17/2019	Tax Free Exchange		5,942,506	5,950,000	5,941,194	5,942,429		77		77		5,942,506				56,079	04/20/2023
05523U-AM-2	BAE SYSTEMS HLDG SERIES 144A 2.850% 12/15/20		09/17/2019	Direct		4,008,834	4,000,000	3,985,920	3,994,513		1,998		1,998		3,996,511		12,323	12,323	86,450	12/15/2020



ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identi- fication	Description	For- eign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ Decrease	Current Year's (Amor- tization)/ Accretion	Current Year's Other- Than- Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Con- tractual Maturity Date
05531F--AX-1	BB&T CORPORATION SERIES MTN 2.750% 04/01/22		03/28/2019	WELLS FARGO SECURITIES, LLC		1,727,432	1,725,000	1,721,774	1,722,917		158		158		1,723,075		4,357	4,357	23,719	04/01/2022
060352--AA-9	BANK SERIES 2017--BNK6 CLASS A1 1.941% 07/15/60		09/17/2019	Various		8,157,178	8,193,687	8,193,552	8,190,701		(611)		(611)		8,190,090		(32,912)	(32,912)	117,764	07/15/2060
060352--AA-9	BANK SERIES 2017--BNK6 CLASS A1 1.941% 07/15/60		12/01/2019	Paydown		1,868,717	1,868,717	1,868,686	1,868,036		681		681		1,868,717				16,372	07/15/2060
06051G--FZ-7	BANK OF AMERICA CORP SERIES MTN 2.503% 10/21/22		10/29/2019	Various		11,034,880	11,000,000	11,000,000	11,000,000						11,000,000		34,880	34,880	235,803	10/21/2022
06051G--GP-8	BANK OF AMERICA CORP SERIES GMTN 2.368% 07/21/21		09/17/2019	Direct		7,001,218	7,000,000	7,000,000	7,000,000						7,000,000		1,218	1,218	192,086	07/21/2021
06051G--GS-2	BANK OF AMERICA CORP 2.328% 10/01/21 BANK OF AMERICA CORP SERIES WI 3.004%		09/17/2019	Various		4,994,061	5,000,000	5,000,000	5,000,000						5,000,000		(5,939)	(5,939)	102,487	10/01/2021
06051G--HC-6	BANK OF AMERICA CORP SERIES MTN 3.499% 12/20/23		09/17/2019	Direct		1,751,820	1,724,000	1,724,791	1,724,686		(123)		(123)		1,724,563		27,257	27,257	38,554	12/20/2023
06051G--HH-5	BANK OF AMERICA CORP SERIES MTN 3.499% 05/17/22		03/12/2019	J.P. MORGAN SECURITIES LLC		6,055,980	6,000,000	6,000,000	6,000,000						6,000,000		55,980	55,980	68,231	05/17/2022
06742L--AM-5	BARCLAYS DRYROCK ISSUANCE TRUS SERIES 2016 1 CLASS A 1.520% 05/15/22 BAYER US FINANCE II LLC SERIES 144A		07/15/2019	Paydown		8,700,000	8,700,000	8,693,247	8,698,087		1,913		1,913		8,700,000				77,140	05/15/2022
07274N--AA-1	3.500% 06/25/21		09/17/2019	Direct		6,816,299	6,700,000	6,696,047	6,696,732		938		938		6,697,670		118,629	118,629	171,315	06/25/2021
103730--BA-7	BP CAP MARKETS AMERICA 2.520% 09/19/22		09/17/2019	Various		8,970,132	8,900,000	8,589,743	8,593,135		51,898		51,898		8,645,033		325,099	325,099	205,279	09/19/2022
105340--AM-5	BRANDYWINE OPER PARTNERS 3.950% 02/15/23		06/07/2019	US BANCORP INVESTMENT MITSUBISHI UFJ		6,707,776	6,475,000	6,495,426	6,488,153		(1,672)		(1,672)		6,486,481		221,295	221,295	210,294	02/15/2023
11134L--AM-1	BROADCOM CRP CAYMAN FI 2.650% 01/15/23		06/17/2019	SECURITIE		4,872,150	5,000,000	4,999,484	4,999,576		49		49		4,999,625		(127,475)	(127,475)	122,931	01/15/2023
124857--AS-2	CBS CORP 2.500% 02/15/23		10/29/2019	Various		7,503,957	7,500,000	7,456,950	7,468,420		5,753		5,753		7,474,173		29,784	29,784	212,153	02/15/2023
124857--AY-9	CBS CORP SERIES WI 2.900% 06/01/23		09/17/2019	Direct		5,057,562	5,000,000	4,867,325	4,868,871		21,150		21,150		4,890,021		167,541	167,541	115,597	06/01/2023
12515A--BA-7	CD COMMERCIAL MORTGAGE TRUST C SERIES 2016--CD2 CLASS A1 1.848% 11/15/49		09/17/2019	Direct		2,492,165	2,502,012	2,501,956	2,502,012						2,502,012		(9,847)	(9,847)	36,861	11/15/2049
12515A--BA-7	CD COMMERCIAL MORTGAGE TRUST C SERIES 2016--CD2 CLASS A1 1.848% 11/15/49		09/01/2019	Paydown		524,203	524,203	524,191	524,203						524,203				4,110	11/15/2049
12531Y--AJ-7	CFIRE COMMERCIAL MORTGAGE TRUS SERIES 2016--C4 CLASS A1 1.501% 05/10/58		09/17/2019	Direct		1,593,677	1,604,598	1,604,577	1,604,053		(26)		(26)		1,604,027		(10,350)	(10,350)	19,201	05/10/2058
12531Y--AJ-7	CFIRE COMMERCIAL MORTGAGE TRUS SERIES 2016--C4 CLASS A1 1.501% 05/10/58		12/01/2019	Paydown		2,110,788	2,110,788	2,110,760	2,110,070		718		718		2,110,788				15,569	05/10/2058
12532A--AW-9	CFIRE COMMERCIAL MORTGAGE TRUS SERIES 2016--C6 CLASS A1 1.519% 11/15/49		09/17/2019	Direct		1,227,149	1,237,035	1,237,004	1,236,606		(15)		(15)		1,236,591		(9,442)	(9,442)	14,980	11/15/2049
12532A--AW-9	CFIRE COMMERCIAL MORTGAGE TRUS SERIES 2016--C6 CLASS A1 1.519% 11/15/49		12/01/2019	Paydown		935,834	935,834	935,810	935,509		325		325		935,834				6,954	11/15/2049
12594M--BA-5	ASB 2.972% 10/10/49 COMM MORTGAGE TRUST SERIES 2016--COR1 CLASS 144A 3.367% 02/10/28		09/17/2019	Various		5,539,179	5,400,000	5,271,617	5,284,264		13,006		13,006		5,297,270		241,909	241,909	117,774	10/10/2049
12624U--AC-8	ONH EQUIPMENT TRUST SERIES 2016--C CLASS A4 1.760% 09/15/23		09/17/2019	Various		2,013,198	2,000,000	1,981,406	1,983,517		4,128		4,128		1,987,645		25,553	25,553	48,447	02/10/2028
12635Y--AE-3	COLLATERALIZED MORTGAGE OBLIG SERIES 2016--CD2 CLASS A1 1.493% 01/15/49		07/18/2019	WELLS FARGO SECURITIES, LLC		1,987,422	2,000,000	1,999,886	1,999,661		32		32		1,999,693		(12,271)	(12,271)	21,218	09/15/2023
12636M--AA-6	COLLATERALIZED MORTGAGE OBLIG SERIES 2016--CD2 CLASS A1 1.493% 01/15/49		10/18/2019	Various		1,681,193	1,684,363	1,684,361	1,684,363						1,684,363		(3,170)	(3,170)	20,119	01/15/2049
12636M--AA-6	COLLATERALIZED MORTGAGE OBLIG SERIES 2016--CD2 CLASS A1 1.493% 01/15/49		09/01/2019	Paydown		2,833,367	2,833,367	2,833,364	2,833,367						2,833,367				19,486	01/15/2049
126650--CV-0	CVS HEALTH CORP 3.700% 03/09/23		06/11/2019	Various		10,269,500	10,000,000	9,910,400	9,925,023		7,998		7,998		9,933,021		336,479	336,479	281,611	03/09/2023
126802--DN-4	CABELA'S MASTER CREDIT CARD SERIES 2016--1 CLASS A1 1.780% 06/15/22		06/15/2019	Paydown		5,200,000	5,200,000	5,199,194	5,198,719		1,281		1,281		5,200,000				46,280	06/15/2022
13974M--AD-8	CAPITAL AUTO RECEIVABLES ASSET SERIES 2016--2 CLASS A4 1.630% 01/20/21		09/09/2019	BARCLAYS CAPITAL INC		593,894	594,481	594,348	594,343		40		40		594,383		(489)	(489)	5,672	01/20/2021
13974M--AD-8	CAPITAL AUTO RECEIVABLES ASSET SERIES 2016--2 CLASS A4 1.630% 01/20/21		08/20/2019	Paydown		1,905,519	1,905,519	1,905,092	1,905,076		443		443		1,905,519				13,759	01/20/2021
14040H--BL-8	CAPITAL ONE FINANCIAL CORP 3.050% 03/09/22		09/17/2019	Various		5,076,968	5,000,000	4,996,800	4,997,961		405		405		4,998,366		78,602	78,602	144,451	03/09/2022
14040H--BY-0	CAPITAL ONE FINANCIAL CORP 3.450% 04/30/21		01/24/2019	DEUTSCHE BANK SECURITIES		9,998,800	10,000,000	9,991,200	9,993,175		217		217		9,993,392		5,408	5,408	84,333	04/30/2021

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ Decrease	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Contractual Maturity Date
14041N-FG-1	CAPITAL ONE MULTI ASSET EXECUT SERIES 2016 A2 CLASS A5 1.660% 06/17/24		09/17/2019	Direct		6,955,144	7,000,000	6,997,921	6,997,538		320		320		6,997,858		(42,714)	(42,714)	88,118	06/17/2024
14041N-FQ-9	CAPITAL ONE MULTI ASSET EXECUT SERIES 2017-A6 CLASS A6 2.290% 07/15/25		09/17/2019	Direct		2,525,882	2,500,000	2,499,417	2,499,534		72		72		2,499,606		26,276	26,276	43,415	07/15/2025
14042R-BT-7	CAPITAL ONE NA 2.250% 09/13/21		09/17/2019	Various		6,471,927	6,500,000	6,489,925	6,494,560		1,250		1,250		6,495,810		(23,883)	(23,883)	135,156	09/13/2021
14149Y-BF-4	CARDINAL HEALTH INC 2.616% 06/15/22		09/17/2019	Various		6,787,475	6,775,000	6,775,000	6,775,000						6,775,000		12,475	12,475	133,540	06/15/2022
14314R-AC-6	CARMAX AUTO OWNER TRUST SERIES 2017-4 CLASS A3 2.110% 10/17/22		09/10/2019	J.P. MORGAN SECURITIES LLC		2,500,586	2,500,000	2,499,831	2,499,670		124		124		2,499,794		792	792	39,123	10/17/2022
14314R-AD-4	CARMAX AUTO OWNER TRUST SERIES 2017-4A CLASS A4 2.330% 05/15/23		09/10/2019	J.P. MORGAN SECURITIES LLC		1,308,227	1,300,000	1,299,924	1,299,803		44		44		1,299,847		8,380	8,380	22,465	05/15/2023
14314X-AC-3	CARMAX AUTO OWNER TRUST SERIES 2018-2 CLASS A3 2.980% 01/17/23		09/10/2019	BARCLAYS CAPITAL INC		3,037,031	3,000,000	2,999,443	2,999,152		256		256		2,999,408		37,623	37,623	66,305	01/17/2023
14314X-AD-1	CARMAX AUTO OWNER TRUST SERIES 2018-2 CLASS A4 3.160% 07/17/23		09/09/2019	Various		4,110,000	4,000,000	3,999,986	3,999,352		112		112		3,999,464		110,536	110,536	93,396	07/17/2023
151020-AX-2	CELGENE CORP 2.750% 02/15/23		07/29/2019	WELLS FARGO SECURITIES, LLC		10,090,900	10,000,000	9,994,400	9,995,617		614		614		9,996,231		94,669	94,669	264,306	02/15/2023
151020-BA-1	CELGENE CORP 3.250% 02/20/23		11/20/2019	Various		5,148,205	5,000,000	4,987,900	4,989,988		1,906		1,906		4,991,894		156,311	156,311	188,694	02/20/2023
15189T-AT-4	CENTERPOINT ENERGY INC 3.600% 11/01/21		09/17/2019	Direct		6,137,529	6,000,000	5,998,260	5,998,396		403		403		5,998,799		138,730	138,730	205,800	11/01/2021
15189T-AU-1	CENTERPOINT ENERGY INC 3.850% 02/01/24		10/28/2019	Various		5,254,097	5,000,000	4,996,400	4,996,563		512		512		4,997,075		257,022	257,022	192,393	02/01/2024
17290X-AQ-3	CITIGROUP COMMERCIAL MORTGAGE SERIES 2016-GC37 CLASS A1 1.635% 04/10/49		09/17/2019	Direct		675,950	677,896	677,872	677,636		(12)		(12)		677,624		(1,674)	(1,674)	8,836	04/10/2049
17290X-AQ-3	CITIGROUP COMMERCIAL MORTGAGE SERIES 2016-GC37 CLASS A1 1.635% 04/10/49		12/01/2019	Paydown		2,575,225	2,575,225	2,575,172	2,574,275		950		950		2,575,225				22,871	04/10/2049
172967-LC-3	CITIGROUP INC 2.900% 12/08/21		04/16/2019	TORONTO DOMINION SECURITIES (US		11,977,920	12,000,000	12,096,960	12,060,680		(6,231)		(6,231)		12,054,449		(76,529)	(76,529)	125,667	12/08/2021
172967-MA-6	CITIGROUP INC 2.936% 06/01/24		09/17/2019	Direct		4,024,244	4,000,000	4,000,000	4,000,000						4,000,000		24,244	24,244	116,365	06/01/2024
17323Y-AA-7	CITIGROUP COMMERCIAL MORTGAGE SERIES 2015-GC31 CLASS A1 1.637% 06/10/45		09/17/2019	Direct		163,177	163,362	163,358	163,288		2		2		163,290		(113)	(113)	2,132	06/10/2045
17323Y-AA-7	CITIGROUP COMMERCIAL MORTGAGE SERIES 2015-GC31 CLASS A1 1.637% 06/10/45		09/01/2019	Paydown		947,637	947,637	947,616	947,208		429		429		947,637				6,452	06/10/2045
17325D-AA-1	CITIGROUP COMMERCIAL MORTGAGE SERIES 2016-P5 CLASS A1 1.410% 10/10/49		09/27/2019	Various		1,121,322	1,128,451	1,128,440	1,128,150		(31)		(31)		1,128,119		(6,797)	(6,797)	12,685	10/10/2049
17325D-AA-1	CITIGROUP COMMERCIAL MORTGAGE SERIES 2016-P5 CLASS A1 1.410% 10/10/49		12/01/2019	Paydown		1,212,569	1,212,569	1,212,557	1,212,246		323		323		1,212,569				8,688	10/10/2049
17325F-AE-8	CITIBANK NA SERIES BKNT 2.100% 06/12/20		04/16/2019	MITSUBISHI UFJ SECURITIE		4,962,500	5,000,000	4,997,850	4,998,964		210		210		4,999,174		(36,674)	(36,674)	36,750	06/12/2020
17325F-AQ-1	CITIBANK NA 3.400% 07/23/21		02/12/2019	Various		10,075,900	10,000,000	9,989,000	9,990,626		442		442		9,991,068		84,832	84,832	189,833	07/23/2021
20048E-AW-1	ASB 2.478% 01/10/46		07/17/2019	Various		2,096,947	2,089,601	2,058,012	2,073,834		2,037		2,037		2,075,871		21,076	21,076	32,794	01/10/2046
20048E-AW-1	ASB 2.478% 01/10/46		07/01/2019	Paydown		358,950	358,950	353,523	356,242		2,708		2,708		358,950				2,982	01/10/2046
20048E-BA-8	COMM MORTGAGE TRUST SERIES 2013-L06 CLASS AM 3.282% 01/10/46		11/01/2019	Various		2,136,530	2,084,324	2,067,148	2,069,159		2,434		2,434		2,071,593		64,937	64,937	58,621	01/10/2046
20453K-AB-1	COMPASS BANK SERIES BKNT 2.875% 06/29/22		09/17/2019	Direct		5,039,509	5,000,000	4,992,350	4,994,659		1,089		1,089		4,995,748		43,761	43,761	103,420	06/29/2022
205887-BZ-4	CONAGRA BRANDS INC 3.800% 10/22/21		05/14/2019	DEUTSCHE BANK SECURITIES		6,801,358	6,675,000	6,667,324	6,667,821		946		946		6,668,767		132,591	132,591	143,735	10/22/2021
22822V-AD-3	CROWN CASTLE INTL CORP 2.250% 09/01/21		07/18/2019	Various		4,673,868	4,700,000	4,698,684	4,699,298		146		146		4,699,444		(25,576)	(25,576)	94,294	09/01/2021
23305X-AH-4	DBUS MORTGAGE TRUST SERIES 2011-LC2A CLASS C 144A 5.714% 07/10/44		11/04/2019	Various		3,592,302	3,440,000	3,660,267	3,595,725		(49,477)		(49,477)		3,546,248		46,054	46,054	166,921	07/10/2044
23305Y-AU-3	DBUS MORTGAGE TRUST SERIES 2011-LC3A CLASS PM1 144 4.452% 05/10/44		10/29/2019	Various		7,435,258	7,260,090	7,637,274	7,504,171		(72,251)		(72,251)		7,431,920		3,338	3,338	252,748	05/10/2044
23305Y-AU-3	DBUS MORTGAGE TRUST SERIES 2011-LC3A CLASS PM1 144 4.452% 05/10/44		10/01/2019	Paydown		191,732	191,732	201,693	198,178		(6,446)		(6,446)		191,732				3,512	05/10/2044
233331-BA-4	DTE ENERGY CO SERIES D 3.700% 08/01/23		10/28/2019	Various		7,307,574	7,000,000	6,989,010	6,989,903		1,678		1,678		6,991,581		315,993	315,993	302,167	08/01/2023
233851-CK-8	DAIMLER FINANCE NA LLC SERIES 144A 2.200% 10/30/21		09/17/2019	Direct		3,973,406	4,000,000	3,998,880	3,999,366		160		160		3,999,526		(26,120)	(26,120)	77,733	10/30/2021
233851-CS-1	DAIMLER FINANCE NA LLC SERIES 144A 2.850% 01/06/22		02/07/2019	BNP PARIBAS SECURITIES BOND		1,968,380	2,000,000	1,997,780	1,998,661		50		50		1,998,711		(30,331)	(30,331)	34,042	01/06/2022

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identi- fication	Description	For- eign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ Decrease	Current Year's (Amor- tization)/ Accretion	Current Year's Other- Than- Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Con- tractual Maturity Date
233851-DJ-0	DAIMLER FINANCE NA LLC SERIES 144A 3.350% 05/04/21		02/07/2019	BNP PARIBAS SECURITIES BOND		4,999,440	5,000,000	4,994,200	4,995,481		217		217		4,995,698		3,742	3,742	45,132	05/04/2021
233851-DN-1	DAIMLER FINANCE NA LLC SERIES 144A 3.750% 11/05/21		09/17/2019	Direct		3,589,596	3,500,000	3,496,745	3,496,914		772		772		3,497,686		91,910	91,910	114,115	11/05/2021
247361-ZJ-0	DELTA AIR LINES INC 3.625% 03/15/22		05/14/2019	MILLENNIUM ADVISORS LLC		5,238,116	5,200,000	5,123,768	5,128,075		8,306		8,306		5,136,381		101,735	101,735	126,190	03/15/2022
247361-ZL-5	DELTA AIR LINES INC 2.600% 12/04/20		06/20/2019	WELLS FARGO SECURITIES, LLC		6,698,459	6,700,000	6,695,779	6,697,290		671		671		6,697,961		498	498	96,778	12/04/2020
24951R-AD-1	DEPAUL UNIVERSITY 2.443% 10/01/19		09/17/2019	Direct		500,040	500,000	500,000	500,000						500,000		40	40	11,774	10/01/2019
24951R-AD-1	DEPAUL UNIVERSITY 2.443% 10/01/19		10/01/2019	Maturity		500,000	500,000	500,000	500,000						500,000				12,215	10/01/2019
25389J-AS-5	DIGITAL REALTY TRUST LP 2.750% 02/01/23		10/28/2019	Various		7,905,321	7,850,000	7,844,505	7,845,908		771		771		7,846,679		58,642	58,642	256,651	02/01/2023
25466A-AK-7	DISCOVER BANK 3.350% 02/06/23		05/30/2019	Various		6,063,360	6,000,000	5,999,460	5,999,558		45		45		5,999,603		63,757	63,757	165,825	02/06/2023
25470D-AQ-2	DISCOVERY COMMUNICATIONS 2.950% 03/20/23		05/15/2019	Various		2,042,354	2,050,000	2,047,417	2,048,019		175		175		2,048,194		(5,840)	(5,840)	39,813	03/20/2023
25746U-CJ-6	DOMINION RESOURCES INC/VA SERIES C 2.000% 08/15/21		09/17/2019	Various		3,272,221	3,300,000	3,295,281	3,297,535		590		590		3,298,125		(25,904)	(25,904)	66,550	08/15/2021
263534-CL-1	DU PONT E I DE NEMOURS 2.200% 05/01/20		05/17/2019	Call 100.0000		3,000,000	3,000,000	2,965,290	2,969,496		8,536		8,536		2,978,032		21,968	21,968	35,933	05/01/2020
26444G-AA-1	1.196% 03/01/20		09/17/2019	Various		237,937	242,840	242,838	242,839						242,839		(4,902)	(4,902)	3,042	03/01/2020
26444G-AA-1	DUKE ENERGY FLORIDA LLC SERIES 2018 1.196% 03/01/20		09/01/2019	Redemption 100.0000		2,070,250	2,070,250	2,070,229	2,070,243		7		7		2,070,250				18,206	03/01/2020
26444G-AB-9	DUKE ENERGY FL PROJ FIN SERIES 2021 1.731% 09/01/22		09/17/2019	Direct		2,473,479	2,500,000	2,499,950	2,499,970		6		6		2,499,976		(26,497)	(26,497)	45,319	09/01/2022
26884L-AE-9	EQT CORP 3.000% 10/01/22		07/18/2019	WELLS FARGO SECURITIES, LLC		9,899,700	10,000,000	9,973,800	9,980,325		2,903		2,903		9,983,228		(83,528)	(83,528)	242,500	10/01/2022
277432-AV-2	EASTMAN CHEMICAL CO 3.500% 12/01/21		09/17/2019	Direct		4,178,950	4,100,000	4,088,807	4,089,366		2,596		2,596		4,091,962		86,988	86,988	124,367	12/01/2021
29366A-AA-2	ENTERGY LOUISIANA INV RECOVERY SERIES 2011-A CLASS A1 2.040% 09/01/23		09/09/2019	BREAN CAPITAL LLC		671,520	672,203	688,719	676,924		(1,476)		(1,476)		675,448		(3,928)	(3,928)	10,666	09/01/2023
29366A-AA-2	ENTERGY LOUISIANA INV RECOVERY SERIES 2011-A CLASS A1 2.040% 09/01/23		06/01/2019	Paydown		151,962	151,962	155,696	153,029		(1,067)		(1,067)		151,962				1,550	09/01/2023
30040W-AC-2	EVERSOURCE ENERGY 2.750% 03/15/22		09/17/2019	Direct		5,049,830	5,000,000	5,051,150	5,036,613		(8,343)		(8,343)		5,028,270		21,560	21,560	138,646	03/15/2022
30161M-AR-4	EXELON GENERATION CO LLC 3.400% 03/15/22		09/17/2019	Direct		1,839,518	1,800,000	1,796,130	1,797,528		550		550		1,798,078		41,440	41,440	61,710	03/15/2022
31620M-AS-5	FIDELITY NATIONAL INFORMATION 2.250% 08/15/21		09/17/2019	Various		9,970,808	10,000,000	9,998,600	9,999,266		176		176		9,999,442		(28,634)	(28,634)	226,875	08/15/2021
31677Q-BK-4	FIFTH THIRD BANK/CINCINNATI OH SERIES BKNT 2.200% 10/30/20		06/04/2019	Various		11,960,160	12,000,000	11,995,440	11,997,221		649		649		11,997,870		(37,710)	(37,710)	158,400	10/30/2020
336158-AK-6	FIRST REPUBLIC BANK 2.500% 06/06/22		10/28/2019	Various		10,034,120	10,000,000	9,991,600	9,994,241		1,273		1,273		9,995,514		38,606	38,606	207,500	06/06/2022
337738-AQ-1	FISERV INC 3.800% 10/01/23		09/17/2019	Direct		6,298,933	6,000,000	5,997,240	5,997,387		392		392		5,997,779		301,154	301,154	223,567	10/01/2023
33849N-AG-0	FLAGSTAR MORTGAGE TRUST SERIES 2018-5 CLASS A7 144A 4.000% 09/25/48		09/20/2019	Various		3,508,510	3,470,909	3,488,805	3,487,650		(2,148)		(2,148)		3,485,502		23,008	23,008	97,754	09/25/2048
33849N-AG-0	FLAGSTAR MORTGAGE TRUST SERIES 2018-5 CLASS A7 144A 4.000% 09/25/48		08/01/2019	Paydown		1,325,402	1,325,402	1,332,236	1,331,795		(6,393)		(6,393)		1,325,402				21,487	09/25/2048
34528Q-EU-4	FORD CREDIT FLOORPLAN MASTER SERIES 2016 3 CLASS A1 1.550% 07/15/21		07/15/2019	Paydown		3,000,000	3,000,000	2,999,483	2,999,678		322		322		3,000,000				27,125	07/15/2021
34528Q-FP-4	FORD CREDIT FLOORPLAN MASTER SERIES 2017-2 CLASS A1 2.160% 09/15/22		09/09/2019	CREDIT AGRICOLE SECURIT		2,003,125	2,000,000	1,999,704	1,999,635		147		147		1,999,782		3,343	3,343	31,920	09/15/2022
34528Q-FU-3	FORD CREDIT FLOORPLAN MASTER SERIES 2017-3 CLASS A 2.480% 09/15/24		09/17/2019	Direct		2,018,427	2,000,000	1,999,527	1,999,381		115		115		1,999,496		18,931	18,931	37,613	09/15/2024
34530U-AA-9	FORD CREDIT AUTO OWNER TRUST/F SERIES 2016-1 CLASS A 144A 2.310% 08/15/27		09/09/2019	Various		6,025,078	6,000,000	5,998,371	5,997,999		591		591		5,998,590		26,488	26,488	102,410	08/15/2027
34531J-AE-5	FORD CREDIT AUTO LEASE TRUST SERIES 2018-A CLASS A4 3.050% 08/15/21		09/09/2019	DEUTSCHE BANK SECURITIES		1,260,156	1,250,000	1,249,959	1,249,787		63		63		1,249,850		10,306	10,306	28,170	08/15/2021
345397-YL-1	FORD MOTOR CREDIT CO LLC 3.339% 03/28/22		02/06/2019	J.P. MORGAN SECURITIES LLC		7,620,080	8,000,000	7,818,080	7,838,809		5,182		5,182		7,843,991		(223,911)	(223,911)	96,460	03/28/2022
345397-YM-9	FORD MOTOR CREDIT CO LLC 2.425% 06/12/20		01/23/2019	SOCIETE GENERALE NY		3,698,616	3,800,000	3,800,000	3,800,000						3,800,000		(101,384)	(101,384)	11,007	06/12/2020
36159J-DL-2	GE CAPITAL CARD MASTER NOTE SERIES 2012-7 CLASS A 1.760% 09/15/22		07/17/2019	J.P. MORGAN SECURITIES LLC		1,997,500	2,000,000	2,004,766	2,000,789		(688)		(688)		2,000,101		(2,601)	(2,601)	20,924	09/15/2022

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identi- fication	Description	For- eign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ Decrease	Current Year's (Amor- tization)/ Accretion	Current Year's Other- Than- Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Con- tractual Maturity Date
361886-AL-8	GENERAL MOTORS SERIES 2016-1 CLASS A1 144A 1.960% 05/17/21		05/15/2019	Paydown		2,500,000	2,500,000	2,499,504	2,499,346		654		654		2,500,000				20,417	05/17/2021
36192L-AA-3	GS MTG SECS SERIES 2012-SHOP CLASS A 2.933% 06/05/31		06/01/2019	Paydown		6,000,000	6,000,000	6,160,233	6,008,475		(8,475)		(8,475)		6,000,000				87,990	06/05/2031
36197Q-AA-7	GSMS SERIES 2013-G1 CLASS A1 2.059% 04/10/31		09/27/2019	Various		2,929,636	2,942,424	2,971,807	2,960,448		(1,041)		(1,041)		2,959,407		(29,771)	(29,771)	48,299	04/10/2031
36197Q-AA-7	GSMS SERIES 2013-G1 CLASS A1 2.059% 04/10/31		09/01/2019	Paydown		647,878	647,878	654,347	651,847		(3,969)		(3,969)		647,878				5,558	04/10/2031
36251P-AA-2	GS MORTGAGE SECURITIES TRUST SERIES 2016 GS3 CLASS A1 1.429% 10/10/49		09/17/2019	Various		1,647,188	1,658,323	1,658,299	1,658,066		(7)		(7)		1,658,059		(10,871)	(10,871)	16,703	10/10/2049
36251P-AA-2	GS MORTGAGE SECURITIES TRUST SERIES 2016 GS3 CLASS A1 1.429% 10/10/49		12/01/2019	Paydown		933,278	933,278	933,265	933,134		144		144		933,278				6,673	10/10/2049
36253G-AF-9	GS MORTGAGE SECURITIES TRUST SERIES 2014- GC24 CLASS AAB 3.650% 09/10/47		11/04/2019	Various		5,117,078	4,946,449	5,044,412	5,030,131		(11,663)		(11,663)		5,018,468		98,610	98,610	155,773	09/10/2047
36253G-AF-9	GS MORTGAGE SECURITIES TRUST SERIES 2014- GC24 CLASS AAB 3.650% 09/10/47		11/01/2019	Paydown		153,551	153,551	156,592	156,149		(2,598)		(2,598)		153,551				4,571	09/10/2047
37045X-CF-1	GENERAL MOTORS FINL CO 3.250% 01/05/23		03/12/2019	Various		9,750,600	10,000,000	9,993,100	9,994,464		268		268		9,994,732		(244,132)	(244,132)	223,708	01/05/2023
37045X-CJ-3	GENERAL MOTORS FINL CO 3.550% 04/09/21		06/05/2019	Various		5,044,700	5,000,000	4,998,050	4,998,523		280		280		4,998,803		45,897	45,897	117,347	04/09/2021
37045X-CL-8	GENERAL MOTORS FINL CO 4.150% 06/19/23		03/05/2019	SOCIETE GENERALE NY		2,999,130	3,000,000	2,995,560	2,996,037		158		158		2,996,195		2,935	2,935	26,975	06/19/2023
373334-KG-5	GEORGIA POWER COMPANY 2.000% 03/30/20		09/17/2019	Various		4,987,746	5,000,000	4,997,600	4,999,030		490		490		4,999,520		(11,774)	(11,774)	88,472	03/30/2020
38013M-AD-8	GM FINANCIAL AUTOMOBILE LEASIN SERIES 2017-2 CLASS A3 2.020% 09/21/20		09/09/2019	BARCLAYS CAPITAL INC		2,496,731	2,498,441	2,498,361	2,498,126		195		195		2,498,321		(1,590)	(1,590)	31,383	09/21/2020
38013M-AD-8	GM FINANCIAL AUTOMOBILE LEASIN SERIES 2017-2 CLASS A3 2.020% 09/21/20		08/20/2019	Paydown		2,501,559	2,501,559	2,501,479	2,501,244		315		315		2,501,559				27,697	09/21/2020
38141G-VU-5	GOLDMAN SACHS GROUP INC/THE 2.625% 04/25/21		10/29/2019	Various		1,508,354	1,500,000	1,499,025	1,499,549		150		150		1,499,699		8,655	8,655	37,680	04/25/2021
38141G-WG-5	GOLDMAN SACHS GROUP INC/THE 2.600% 12/27/20		09/17/2019	Direct		7,405,005	7,400,000	7,394,894	7,397,297		968		968		7,398,265		6,740	6,740	139,490	12/27/2020
38141G-WJ-9	GOLDMAN SACHS GROUP INC/THE 2.908% 06/05/23		09/17/2019	Direct		2,525,166	2,500,000	2,500,000	2,500,000						2,500,000		25,166	25,166	57,150	06/05/2023
38145G-AG-5	GOLDMAN SACHS GROUP INC 2.350% 11/15/21		09/17/2019	Various		6,953,984	6,975,000	6,967,816	6,970,980		890		890		6,971,870		(17,886)	(17,886)	125,732	11/15/2021
38148Y-AB-4	GOLDMAN SACHS GROUP INC 2.707% 10/31/22		09/17/2019	Direct		5,014,109	5,000,000	5,000,000	5,000,000						5,000,000		14,109	14,109	149,443	10/31/2022
40573L-AG-1	HALFMOON PARENT INC SERIES 144A 3.400% 09/17/21		08/27/2019	Tax Free Exchange		8,000,000	8,000,000	8,000,000	8,000,000						8,000,000				256,889	09/17/2021
40573L-AL-0	HALFMOON PARENT INC SERIES 144A 3.750% 07/15/23		08/27/2019	Tax Free Exchange		9,995,735	10,000,000	9,994,700	9,995,019		716		716		9,995,735				354,167	07/15/2023
42225U-AC-8	HEALTHCARE TRUST OF AMERICA 3.375% 07/15/21		09/17/2019	Direct		5,107,920	5,000,000	5,019,250	5,002,240		(882)		(882)		5,001,358		106,562	106,562	198,281	07/15/2021
42225U-AC-8	HEALTHCARE TRUST OF AMERICA 3.375% 07/15/21		09/20/2019	Call	102.4810	3,074,430	3,000,000	3,032,370	3,087,198		(3,867)		(3,867)		3,083,331		(8,901)	(8,901)	193,961	07/15/2021
42806D-AY-5	HERTZ VEHICLE FINANCING LLC SERIES 2016-3A CLASS A 144A 2.270% 07/25/20		07/17/2019	BARCLAYS CAPITAL INC		1,874,854	1,875,000	1,874,984	1,874,674		90		90		1,874,764		90	90	24,119	07/25/2020
42806D-AY-5	HERTZ VEHICLE FINANCING LLC SERIES 2016-3A CLASS A 144A 2.270% 07/25/20		07/25/2019	Paydown		3,750,000	3,750,000	3,749,967	3,749,347		653		653		3,750,000				49,656	07/25/2020
42806D-BZ-1	HERTZ VEHICLE FINANCING LLC SERIES 2018-3A CLASS A 144A 4.030% 07/25/24		09/17/2019	Direct		2,617,983	2,500,000	2,499,774	2,499,535		66		66		2,499,601		118,382	118,382	73,603	07/25/2024
431282-AN-2	HIGHWOODS REALTY LP 3.200% 06/15/21		09/17/2019	Direct		4,691,425	4,650,000	4,676,359	4,668,092		(5,857)		(5,857)		4,662,235		29,190	29,190	112,840	06/15/2021
43284B-AA-0	HILTON GRAND VACATIONS TRUST SERIES 2018-AA CLASS A 144A 3.540% 02/25/32		10/28/2019	Various		6,577,370	6,393,123	6,392,975	6,392,976		(12)		(12)		6,392,964		184,406	184,406	175,590	02/25/2032
43284B-AA-0	HILTON GRAND VACATIONS TRUST SERIES 2018-AA CLASS A 144A 3.540% 02/25/32		10/25/2019	Paydown		847,350	847,350	847,330	847,330		20		20		847,350				12,288	02/25/2032
444859-BH-4	HUMANA INC 2.500% 12/15/20		09/17/2019	Various		4,824,354	4,825,000	4,822,395	4,823,293		562		562		4,823,855		499	499	83,453	12/15/2020
444859-BJ-0	HUMANA INC 2.900% 12/15/22		10/28/2019	Various		3,746,782	3,700,000	3,693,710	3,695,010		957		957		3,695,967		50,815	50,815	86,444	12/15/2022
446150-AK-0	HUNTINGTON BANCSHARES 2.300% 01/14/22		09/17/2019	Direct		3,503,581	3,500,000	3,494,715	3,497,046		693		693		3,497,739		5,842	5,842	94,811	01/14/2022
44644A-AB-3	HUNTINGTON NATIONAL BANK 2.500% 08/07/22		06/10/2019	Various		15,009,800	15,000,000	14,961,850	14,972,215		3,360		3,360		14,975,575		34,225	34,225	314,236	08/07/2022
44891A-AH-0	HYUNDAI CAPITAL AMERICA SERIES 144A 2.450% 06/15/21		09/17/2019	Direct		2,488,445	2,500,000	2,496,250	2,498,162		533		533		2,498,695		(10,250)	(10,250)	46,448	06/15/2021

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identi- fication	Description	For- eign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ Decrease	Current Year's (Amor- tization)/ Accretion	Current Year's Other- Than- Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Con- tractual Maturity Date
44932H-AB-9	IBM CREDIT CORP 1.800% 01/20/21		09/17/2019	Various		11,926,178	12,000,000	11,975,160	11,984,854		4,635		4,635		11,989,489		(63,311)	(63,311)	233,100	01/20/2021
44932H-AM-5	IBM CREDIT CORP 3.600% 11/30/21		09/17/2019	Various		10,270,073	10,000,000	9,996,900	9,996,991		543		543		9,997,534		272,539	272,539	221,200	11/30/2021
460690-BN-9	INTERPUBLIC GROUP OF COS INC SERIES 3YR 3.750% 10/01/21		09/17/2019	Direct		3,172,196	3,100,000	3,097,861	3,098,058		503		503		3,098,561		73,635	73,635	115,281	10/01/2021
465685-AM-7	ITC HOLDINGS CORP SERIES WI 2.700% 11/15/22		09/17/2019	Direct		5,026,942	5,000,000	4,996,299	4,996,750		598		598		4,997,348		29,594	29,594	113,625	11/15/2022
46590M-AN-0	JP MORGAN CHASE COMMERCIAL MOR SERIES 2016 JP2 CLASS A1 1.324% 08/15/49		07/17/2019	J.P. MORGAN SECURITIES LLC		459,257	463,548	462,100	462,694		150		150		462,844		(3,587)	(3,587)	3,871	08/15/2049
46590M-AN-0	JP MORGAN CHASE COMMERCIAL MOR SERIES 2016 JP2 CLASS A1 1.324% 08/15/49		07/01/2019	Paydown		150,535	150,535	150,065	150,258		277		277		150,535		(8,798)	(8,798)	678	08/15/2049
46623E-KG-3	JP MORGAN CHASE & CO 2.295% 08/15/21		09/17/2019	Various		5,791,202	5,800,000	5,800,000	5,800,000						5,800,000				134,219	08/15/2021
46625H-RL-6	JP MORGAN CHASE & CO 2.700% 05/18/23		09/17/2019	Various		10,095,304	10,000,000	9,973,400	9,983,370		2,388		2,388		9,985,758		109,546	109,546	202,875	05/18/2023
46636D-AS-5	JP MORGAN CHASE COMMERCIAL MOR SERIES 2011-C4 CLASS B 144A 4.801% 07/15/46		11/04/2019	Various		1,823,675	1,765,000	1,840,013	1,818,030		(17,127)		(17,127)		1,800,903		22,772	22,772	73,199	07/15/2046
46637W-AC-7	JP MORGAN CHASE COMMERCIAL MOR SERIES 2012-CBX CLASS A3 3.139% 06/15/45		08/01/2019	Paydown		1,532,887	1,532,887	1,590,649	1,582,406		(49,519)		(49,519)		1,532,887				21,495	06/15/2045
46646R-AG-8	JPMDB COMMERCIAL MORTGAGE SECU SERIES 2016-C4 CLASS A1 1.536% 12/15/49		09/17/2019	Direct		1,504,878	1,519,069	1,519,069	1,519,069						1,519,069		(14,191)	(14,191)	18,602	12/15/2049
46646R-AG-8	JPMDB COMMERCIAL MORTGAGE SECU SERIES 2016-C4 CLASS A1 1.536% 12/15/49		12/01/2019	Paydown		848,701	848,701	848,701	848,701						848,701				6,661	12/15/2049
46647P-AE-6	JPMORGAN CHASE & CO 2.776% 04/25/23		10/29/2019	Various		8,261,857	8,175,000	8,175,000	8,175,000						8,175,000		86,857	86,857	216,877	04/25/2023
46648H-AE-3	JP MORGAN MORTGAGE TRUST SERIES 2017-2 CLASS A5 144A 3.500% 05/25/47		09/06/2019	J.P. MORGAN SECURITIES LLC		3,452,221	3,413,288	3,338,622	3,338,769		1,567		1,567		3,340,336		111,885	111,885	92,585	05/25/2047
46648H-AE-3	JP MORGAN MORTGAGE TRUST SERIES 2017-2 CLASS A5 144A 3.500% 05/25/47		12/01/2019	Paydown		1,092,790	1,092,790	1,068,885	1,068,932		23,858		23,858		1,092,790				23,259	05/25/2047
46650M-AE-7	JP MORGAN MORTGAGE TRUST SERIES 2018-8 CLASS A5 144A 4.000% 01/25/49		09/06/2019	Various		5,415,166	5,350,142	5,389,432	5,386,955		(4,111)		(4,111)		5,382,844		32,322	32,322	149,490	01/25/2049
46650M-AE-7	JP MORGAN MORTGAGE TRUST SERIES 2018-8 CLASS A5 144A 4.000% 01/25/49		09/01/2019	Paydown		1,449,071	1,449,071	1,459,712	1,459,042		(9,971)		(9,971)		1,449,071				27,517	01/25/2049
46849L-SP-7	JACKSON NATL LIFE GLOBAL SERIES 144A 2.250% 04/29/21		09/17/2019	Various		9,988,102	10,000,000	9,992,900	9,996,699		890		890		9,997,589		(9,487)	(9,487)	180,625	04/29/2021
46849L-ST-9	JACKSON NATL LIFE GLOBAL SERIES 144A 2.200% 01/30/20		05/02/2019	TORONTO DOMINION SECURITIES (US)		5,978,760	6,000,000	5,993,400	5,997,626		753		753		5,998,379		(19,619)	(19,619)	101,200	01/30/2020
46849L-SW-2	JACKSON NATL LIFE GLOBAL SERIES 144A 2.500% 06/27/22		09/17/2019	Direct		3,005,599	3,000,000	2,990,910	2,993,664		1,294		1,294		2,994,958		10,641	10,641	54,375	06/27/2022
47788N-AD-0	JOHN DEERE OWNER TRUST SERIES 2016-B CLASS A4 1.490% 05/15/23		09/09/2019	BARCLAYS CAPITAL INC		4,450,244	4,453,550	4,452,446	4,452,237		196		196		4,452,433		(2,189)	(2,189)	49,031	05/15/2023
47788N-AD-0	JOHN DEERE OWNER TRUST SERIES 2016-B CLASS A4 1.490% 05/15/23		08/15/2019	Paydown		171,450	171,450	171,408	171,399		51		51		171,450				1,703	05/15/2023
49327M-2T-0	KEY BANK NA SERIES BKNT 2.300% 09/14/22		06/17/2019	WELLS FARGO SECURITIES, LLC		9,973,800	10,000,000	9,997,700	9,998,297		213		213		9,998,510		(24,710)	(24,710)	175,694	09/14/2022
502413-BF-3	L3 TECHNOLOGIES INC 3.850% 06/15/23		05/08/2019	RAYMOND JAMES/FI		2,632,365	2,550,000	2,545,002	2,545,572		351		351		2,545,923		86,442	86,442	39,543	06/15/2023
534187-BD-0	LINCOLN NATIONAL CORP 4.000% 09/01/23		09/17/2019	Direct		1,214,980	1,150,000	1,189,457	1,183,170		(5,061)		(5,061)		1,178,109		36,871	36,871	48,172	09/01/2023
55279H-AN-0	MANUFACT & TRADERS TRUST CO 2.050% 08/17/20		07/29/2019	Various		11,968,775	12,000,000	11,989,920	11,994,537		1,890		1,890		11,996,427		(27,652)	(27,652)	231,308	08/17/2020
553896-AA-9	MVW OWNER TRUST SERIES 2017-1A CLASS A 144A 2.420% 12/20/34		10/29/2019	Various		4,140,962	4,145,095	4,112,310	4,114,117		2,757		2,757		4,116,874		24,088	24,088	80,435	12/20/2034
553896-AA-9	MVW OWNER TRUST SERIES 2017-1A CLASS A 144A 2.420% 12/20/34		10/20/2019	Paydown		1,827,275	1,827,275	1,812,823	1,813,619		13,656		13,656		1,827,275				17,339	12/20/2034
57629W-CD-0	MASSMUTUAL GLOBAL FUNDIN SERIES 144A 2.500% 04/13/22		09/17/2019	Direct		5,032,919	5,000,000	4,977,650	4,985,337		3,182		3,182		4,988,519		44,400	44,400	116,319	04/13/2022
59217G-BX-6	MET LIFE GLOB FUNDING SERIES 144A 1.950% 09/15/21		09/17/2019	Various		4,969,601	5,000,000	4,991,700	4,995,509		1,043		1,043		4,996,552		(26,951)	(26,951)	90,323	09/15/2021
59217G-CD-9	MET LIFE GLOB FUNDING SERIES 144A 2.650% 04/08/22		09/17/2019	Direct		5,042,727	5,000,000	4,998,150	4,998,789		264		264		4,999,053		43,674	43,674	125,139	04/08/2022
59217G-OE-7	MET LIFE GLOB FUNDING SERIES 144A 2.050% 06/12/20		09/17/2019	Various		7,489,854	7,500,000	7,499,775	7,499,892		47		47		7,499,939		(10,085)	(10,085)	105,276	06/12/2020

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ Decrease	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Contractual Maturity Date
61744Y-AN-8	MORGAN STANLEY SERIES GMTN 3.125% 01/23/23		09/17/2019	Direct		6,047,368	5,925,000	5,861,973	5,868,127		9,971		9,971		5,878,098		169,270	169,270	213,444	01/23/2023
617458-AS-3	MORGAN STANLEY CAPITAL I TRUST SERIES 2011-C1 CLASS D 144A 5.554% 09/15/47		11/04/2019	Various		1,810,240	1,750,000	1,809,336	1,805,571		(19,866)		(19,866)		1,785,705		24,535	24,535	81,622	09/15/2047
61746B-ED-4	MORGAN STANLEY 2.625% 11/17/21		09/19/2019	Various		10,065,510	10,000,000	9,948,900	9,970,588		7,346		7,346		9,977,934		87,576	87,576	221,302	11/17/2021
61765D-AQ-1	MORGAN STANLEY CAPITAL I TRUST SERIES 2015-MS1 CLASS A1 1.638% 05/15/48		09/17/2019	Direct		1,016,754	1,020,723	1,020,722	1,020,105		(22)		(22)		1,020,083		(3,329)	(3,329)	13,329	05/15/2048
61765D-AQ-1	MORGAN STANLEY CAPITAL I TRUST SERIES 2015-MS1 CLASS A1 1.638% 05/15/48		09/01/2019	Paydown		867,197	867,197	867,196	866,671		526		526		867,197				5,941	05/15/2048
61766E-BA-2	MORGAN STANLEY BAML TRUST SERIES 2016-C29 CLASS A1 1.597% 05/15/49		09/17/2019	Direct		857,496	861,852	861,850	861,658		(8)		(8)		861,650		(4,154)	(4,154)	10,911	05/15/2049
61766E-BA-2	MORGAN STANLEY BAML TRUST SERIES 2016-C29 CLASS A1 1.597% 05/15/49		12/01/2019	Paydown		1,029,002	1,029,002	1,029,000	1,028,771		231		231		1,029,002				7,935	05/15/2049
61767F-AW-1	MORGAN STANLEY CAPITAL I TRUST SERIES 2016-UB11 CLASS A1 1.445% 08/15/49		09/17/2019	Direct		490,423	494,034	494,030	493,836		(26)		(26)		493,810		(3,387)	(3,387)	5,691	08/15/2049
61767F-AW-1	MORGAN STANLEY CAPITAL I TRUST SERIES 2016-UB11 CLASS A1 1.445% 08/15/49		12/01/2019	Paydown		518,472	518,472	518,469	518,264		208		208		518,472				3,672	08/15/2049
62848B-AA-9	MVW OWNER TRUST SERIES 2018-1A CLASS A 144A 3.450% 01/21/36		09/17/2019	Direct		1,991,554	1,937,609	1,937,178	1,937,016		24		24		1,937,040		54,514	54,514	49,764	01/21/2036
62848B-AA-9	MVW OWNER TRUST SERIES 2018-1A CLASS A 144A 3.450% 01/21/36		08/20/2019	Paydown		393,658	393,658	393,570	393,538		120		120		393,658				5,621	01/21/2036
64952W-BY-8	NEW YORK LIFE GLOBAL FDG SERIES 144A 1.950% 02/11/20		09/17/2019	Various		7,995,024	8,000,000	7,998,480	7,999,547		272		272		7,999,819		(4,795)	(4,795)	167,240	02/11/2020
64952W-CP-6	NEW YORK LIFE GLOBAL FDG SERIES 144A 2.000% 04/09/20		09/17/2019	Various		6,992,236	7,000,000	6,995,380	6,998,040		969		969		6,999,009		(6,773)	(6,773)	120,361	04/09/2020
64952W-CV-3	NEW YORK LIFE GLOBAL FDG SERIES 144A 1.950% 09/28/20		09/17/2019	Various		9,981,967	10,000,000	9,991,600	9,995,126		1,770		1,770		9,996,896		(14,929)	(14,929)	174,417	09/28/2020
65473Q-BH-5	NISOURCE FINANCE CORP 2.650% 11/17/22		09/17/2019	Various		4,975,664	4,925,000	4,918,795	4,920,188		867		867		4,921,055		54,609	54,609	107,378	11/17/2022
654740-AR-0	NISSAN MOTOR ACCEPTANCE SERIES 144A 1.550% 09/13/19		09/13/2019	Maturity		5,500,000	5,500,000	5,499,505	5,499,885		115		115		5,500,000				85,250	09/13/2019
65474V-AL-5	NISSAN MASTER OWNER TRUST REDE SERIES 2016-A CLASS A2 1.540% 06/15/21		06/15/2019	Paydown		2,500,000	2,500,000	2,499,644	2,499,501		499		499		2,500,000				19,250	06/15/2021
664675-AD-7	NORTHEASTERN UNIVERSITY 2.722% 03/01/19		03/01/2019	Maturity		1,000,000	1,000,000	1,000,000	1,000,000						1,000,000				13,610	03/01/2019
68504W-AA-5	ORANGE LAKE TIMESHARE TRUST SERIES 2018-A CLASS A 144A 3.100% 07/08/30		09/09/2019	Various		3,672,557	3,617,004	3,610,179	3,610,540		490		490		3,611,030		61,527	61,527	76,646	07/08/2030
68504W-AA-5	ORANGE LAKE TIMESHARE TRUST SERIES 2018-A CLASS A 144A 3.100% 07/08/30		09/08/2019	Paydown		956,186	956,186	954,382	954,477		1,709		1,709		956,186				11,214	07/08/2030
686514-AC-4	ORLANDO HEALTH OBL GRP 2.981% 10/01/20		10/29/2019	Various		502,082	500,000	500,000	500,000						500,000		2,082	2,082	15,257	10/01/2020
69353R-FB-9	PNC BANK NA SERIES BKNT 2.625% 02/17/22		03/28/2019	N.A.-SE		3,003,750	3,000,000	2,998,590	2,999,118		69		69		2,999,187		4,563	4,563	49,000	02/17/2022
69362B-BC-5	PSEG POWER LLC 3.850% 06/01/23		09/17/2019	Direct		4,140,145	3,950,000	3,947,907	3,948,147		299		299		3,948,446		191,699	191,699	121,238	06/01/2023
69363P-AA-8	PUBLIC SERVICE NEW HAMPSHIRE SERIES 2018-1 CLASS A1 3.094% 02/01/26		09/17/2019	Various		7,349,166	7,209,516	7,209,358	7,209,389		(191)		(191)		7,209,198		139,968	139,968	293,690	02/01/2026
69363P-AA-8	PUBLIC SERVICE NEW HAMPSHIRE SERIES 2018-1 CLASS A1 3.094% 02/01/26		08/01/2019	Paydown		2,566,920	2,566,920	2,566,863	2,566,875		45		45		2,566,920				72,543	02/01/2026
74153W-CH-0	PRICOA GLOBAL FUNDING 1 SERIES 144A 2.200% 06/03/21		07/17/2019	WELLS FARGO SECURITIES, LLC		4,991,400	5,000,000	4,992,950	4,996,587		768		768		4,997,355		(5,955)	(5,955)	69,056	06/03/2021
74153W-CN-7	PRICOA GLOBAL FUNDING 1 SERIES 144A 2.450% 09/21/22		09/17/2019	Direct		5,018,199	5,000,000	4,835,700	4,858,143		27,140		27,140		4,885,283		132,916	132,916	121,479	09/21/2022
74368C-AH-7	PROTECTIVE LIFE GLOBAL SERIES 144A 2.615% 08/22/22		09/17/2019	Direct		2,515,445	2,500,000	2,500,000	2,500,000						2,500,000		15,445	15,445	70,097	08/22/2022
74368C-AJ-3	PROTECTIVE LIFE GLOBAL SERIES 144A 2.161% 09/25/20		07/25/2019	WELLS FARGO SECURITIES, LLC		4,992,400	5,000,000	5,000,000	5,000,000						5,000,000		(7,600)	(7,600)	90,402	09/25/2020
74368C-AK-0	PROTECTIVE LIFE GLOBAL SERIES 144A 3.397% 06/28/21		09/17/2019	Direct		4,068,325	4,000,000	4,000,000	4,000,000						4,000,000		68,325	68,325	98,136	06/28/2021
744573-AL-0	PUBLIC SERVICE ENTERPRISE GROUP 2.650% 11/15/22		09/17/2019	Direct		5,016,942	5,000,000	4,993,650	4,995,106		900		900		4,996,006		20,936	20,936	111,521	11/15/2022
74949L-AB-8	RELX CAPITAL INC 3.500% 03/16/23		10/28/2019	Various		7,354,835	7,125,000	7,094,933	7,099,724		4,558		4,558		7,104,282		250,553	250,553	262,398	03/16/2023

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ Decrease	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Contractual Maturity Date
759187-CD-7	REGIONS BANK SERIES BKNT 3.374% 08/13/21		09/17/2019	Direct		5,039,575	5,000,000	5,000,000	5,000,000						5,000,000		39,575	39,575	185,101	08/13/2021
774341-AH-4	ROCKWELL COLLINS INC 2.800% 03/15/22		09/17/2019	Direct		2,529,373	2,500,000	2,498,325	2,498,912		242		242		2,499,154		30,219	30,219	70,583	03/15/2022
78446V-AB-5	SLM STUDENT LAON TRUST SERIES 2012-A CLASS A2 144A 3.830% 01/17/45		05/15/2019	Paydown		357,302	357,302	385,774	357,302						357,302				3,170	01/17/2045
78448W-AB-1	SMB PRIVATE EDUCATION LOAN TRU SERIES 2017-A CLASS A2A 144A 2.880% 09/15/34		09/17/2019	Direct		1,779,561	1,757,278	1,756,659	1,767,133		(915)		(915)		1,766,218		13,343	13,343	38,379	09/15/2034
78448W-AB-1	SMB PRIVATE EDUCATION LOAN TRU SERIES 2017-A CLASS A2A 144A 2.880% 09/15/34		12/15/2019	Paydown		831,151	831,151	830,858	835,812		(4,661)		(4,661)		831,151				12,355	09/15/2034
78470R-AC-1	SOCIAL PROFESSIONAL LOAN PROGR SERIES 2016-E CLASS A2B 144A 2.490% 01/25/36		10/28/2019	Various		2,324,638	2,318,946	2,323,023	2,321,726		(309)		(309)		2,321,417		3,221	3,221	45,853	01/25/2036
78470R-AC-1	SOCIAL PROFESSIONAL LOAN PROGR SERIES 2016-E CLASS A2B 144A 2.490% 01/25/36		10/25/2019	Paydown		681,054	681,054	682,251	681,870		(816)		(816)		681,054				9,329	01/25/2036
797440-BT-0	SAN DIEGO GAS & ELECTRIC CO SERIES PPP 1.914% 02/01/22		10/29/2019	Various		2,318,223	2,366,099	2,352,677	2,359,106		1,747		1,747		2,360,853		(42,630)	(42,630)	53,363	02/01/2022
797440-BT-0	SAN DIEGO GAS & ELECTRIC CO SERIES PPP 1.914% 02/01/22		08/01/2019	Redemption 100,0000		946,427	946,427	941,058	943,630		2,797		2,797		946,427				13,586	02/01/2022
80282K-AT-3	SANTANDER HOLDINGS USA SERIES WI 3.700% 03/28/22		09/17/2019	Direct		4,109,877	4,025,000	4,057,041	4,050,325		(5,706)		(5,706)		4,044,619		65,258	65,258	144,788	03/28/2022
80282K-AT-3	SANTANDER HOLDINGS USA SERIES WI 3.700% 03/28/22		10/01/2019	Taxable Exchange		2,770,484	2,675,000	2,696,294	2,691,831		(3,982)		(3,982)		2,687,849		82,635	82,635	98,975	03/28/2022
80282K-AU-0	SANTANDER HOLDINGS USA 4.450% 12/03/21		09/17/2019	Direct		3,631,003	3,500,000	3,493,805	3,493,958		1,472		1,472		3,495,430		135,573	135,573	122,437	12/03/2021
80282K-AU-0	SANTANDER HOLDINGS USA 4.450% 12/03/21		10/01/2019	Taxable Exchange		1,573,343	1,500,000	1,497,345	1,497,411		670		670		1,498,081		75,262	75,262	55,440	12/03/2021
81744V-AA-0	SEQUOIA MORTGAGE TRUST SERIES 2012-4 CLASS A1 3.500% 09/25/42		09/09/2019	Various		395,859	390,129	407,379	401,940		(522)		(522)		401,418		(5,559)	(5,559)	10,604	09/25/2042
81744V-AA-0	SEQUOIA MORTGAGE TRUST SERIES 2012-3 CLASS A1 3.500% 09/25/42		09/01/2019	Paydown		74,849	74,849	78,158	77,115		(2,266)		(2,266)		74,849				1,390	09/25/2042
81745F-AA-4	SEQUOIA MORTGAGE TRUST SERIES 2012-3 CLASS A1 3.500% 07/25/42		09/09/2019	Various		828,999	816,999	839,977	829,179		(984)		(984)		828,195		804	804	22,240	07/25/2042
81745F-AA-4	SEQUOIA MORTGAGE TRUST SERIES 2012-3 CLASS A1 3.500% 07/25/42		09/01/2019	Paydown		124,698	124,698	128,205	126,557		(1,859)		(1,859)		124,698				2,569	07/25/2042
81746N-AK-4	SEQUOIA MORTGAGE TRUST SERIES 2016-3 CLASS A10 144A 3.500% 11/25/46		09/17/2019	Direct		2,484,998	2,480,844	2,437,816	2,438,215		3,978		3,978		2,442,193		42,805	42,805	65,122	11/25/2046
81746N-AK-4	SEQUOIA MORTGAGE TRUST SERIES 2016-3 CLASS A10 144A 3.500% 11/25/46		09/01/2019	Paydown		383,131	383,131	376,486	376,548		6,583		6,583		383,131				6,442	11/25/2046
81747W-AG-2	SEQUOIA MORTGAGE TRUST SERIES 2018-7 CLASS A4 144A 4.000% 09/25/48		09/06/2019	Various		4,223,403	4,170,640	4,191,493	4,189,828		(2,417)		(2,417)		4,187,411		35,992	35,992	116,439	09/25/2048
81747W-AG-2	SEQUOIA MORTGAGE TRUST SERIES 2018-7 CLASS A4 144A 4.000% 09/25/48		09/01/2019	Paydown		1,599,093	1,599,093	1,607,089	1,606,450		(7,357)		(7,357)		1,599,093				31,016	09/25/2048
81748H-AD-1	SEQUOIA MORTGAGE TRUST SERIES 2018-8 CLASS A4 4.000% 11/25/48		09/30/2019	Various		7,278,580	7,187,853	7,194,591	7,194,596		(121)		(121)		7,194,475		84,105	84,105	186,115	11/25/2048
81748H-AD-1	SEQUOIA MORTGAGE TRUST SERIES 2018-8 CLASS A4 4.000% 11/25/48		09/27/2019	Paydown		2,588,144	2,588,144	2,590,571	2,590,572		(2,428)		(2,428)		2,588,144				62,648	11/25/2048
82653D-AA-7	SIERRA RECEIVABLES FUNDING CO SERIES 2018-2A CLASS A 144A 3.500% 06/20/35		10/29/2019	Various		4,770,783	4,697,457	4,696,571	4,696,144		(70)		(70)		4,696,074		74,709	74,709	121,743	06/20/2035
82653D-AA-7	SIERRA RECEIVABLES FUNDING CO SERIES 2018-2A CLASS A 144A 3.500% 06/20/35		10/20/2019	Paydown		1,954,730	1,954,730	1,954,361	1,954,184		546		546		1,954,730				24,252	06/20/2035
82653G-AA-0	SIERRA RECEIVABLES FUNDING CO SERIES 2018-3A CLASS A 144A 3.690% 03/20/26		10/29/2019	Various		6,305,340	6,156,489	6,154,943	6,154,974		(14)		(14)		6,154,960		150,380	150,380	166,717	03/20/2026
82653G-AA-0	SIERRA RECEIVABLES FUNDING CO SERIES 2018-3A CLASS A 144A 3.690% 03/20/26		10/20/2019	Paydown		2,874,580	2,874,580	2,873,858	2,873,873		707		707		2,874,580				38,531	03/20/2026
828807-DD-6	SUNTRUST CAPITAL 2.750% 06/01/23		03/26/2019	MARKETS		10,004,400	10,000,000	9,981,900	9,985,397		779		779		9,986,176		18,224	18,224	89,375	06/01/2023
83149U-AB-7	SLM STUDENT LOAN TRUST SERIES 2011-B CLASS A2 3.740% 02/15/29		07/15/2019	Paydown		1,058,435	1,058,435	1,133,434	1,058,435						1,058,435				11,770	02/15/2029
83401B-AB-2	SOCIAL PROFESSIONAL LOAN PROGR SERIES 2017-F CLASS A2FX 144A 2.840% 01/25/41		09/09/2019	Various		2,277,598	2,250,000	2,249,040	2,249,024		111		111		2,249,135		28,463	28,463	41,338	01/25/2041

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identi- fication	Description	For- eign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ Decrease	Current Year's (Amor- tization)/ Accretion	Current Year's Other- Than- Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Con- tractual Maturity Date
83403Y-AB-0	SOCIAL PROFESSIONAL LOAN PROG SERIES 2017-B CLASS A2FX 144A 2.740% 05/25/40		09/17/2019	Direct		3,655,762	3,625,000	3,624,126	3,623,055		154		154		3,623,209		32,553	32,553	72,562	05/25/2040
83405D-AC-2	SOCIAL PROFESSIONAL LOAN PROG SERIES 2017-C CLASS A2B 144A 2.630% 07/25/40		09/09/2019	Various		1,008,164	1,000,000	999,744	999,521		35		35		999,556		8,608	8,608	18,702	07/25/2040
83405D-AC-2	SOCIAL PROFESSIONAL LOAN PROG SERIES 2017-C CLASS A2B 144A 2.630% 07/25/40		12/25/2019	Paydown		26,986	26,986	26,979	26,973		13		13		26,986				710	07/25/2040
842400-GF-4	SOUTHERN CAL EDISON 1.845% 02/01/22		10/29/2019	Various		5,264,551	5,357,143	5,336,309	5,346,288		2,720		2,720		5,349,008		(84,457)	(84,457)	116,662	02/01/2022
842400-GF-4	SOUTHERN CAL EDISON 1.845% 02/01/22		08/01/2019	Redemption	100.0000	2,142,857	2,142,857	2,134,523	2,138,515		4,342		4,342		2,142,857				29,652	02/01/2022
86787E-BA-4	SUNTRUST BANK SERIES BKNT 3.525% 10/26/21		02/13/2019	Various		10,061,700	10,000,000	10,000,000	10,000,000						10,000,000		61,700	61,700	106,729	10/26/2021
88161N-AA-7	TESLA AUTO LEASE TRUST SERIES 2018-B CLASS A 144A 3.710% 08/20/21		10/28/2019	Various		3,827,636	3,767,841	3,767,562	3,767,560		77		77		3,767,637		59,999	59,999	110,978	08/20/2021
88161N-AA-7	TESLA AUTO LEASE TRUST SERIES 2018-B CLASS A 144A 3.710% 08/20/21		10/20/2019	Paydown		992,159	992,159	992,086	992,085		74		74		992,159				15,260	08/20/2021
88224L-AE-8	TEXAS CHILDRENS HOSPITAL 2.075% 10/01/19		09/17/2019	Direct		999,857	1,000,000	1,000,000	1,000,000						1,000,000		(143)	(143)	20,001	10/01/2019
891906-AE-9	TOTAL SYSTEM SERVICES INC 4.000% 06/01/23		04/29/2019	Various		8,218,160	8,000,000	7,993,280	7,994,135		437		437		7,994,572		223,588	223,588	133,333	06/01/2023
902494-BF-9	TYSON FOODS INC 2.250% 08/23/21		09/17/2019	Various		6,507,187	6,525,000	6,512,864	6,516,984		1,919		1,919		6,518,903		(11,716)	(11,716)	145,570	08/23/2021
902494-BG-7	TYSON FOODS INC 3.900% 09/28/23		09/17/2019	Various		2,426,322	2,300,000	2,296,803	2,296,969		452		452		2,297,421		128,901	128,901	86,721	09/28/2023
913017-CQ-0	UNITED TECHNOLOGIES CORP 2.300% 05/04/22		09/17/2019	Various		8,597,385	8,600,000	8,292,464	8,323,535		52,877		52,877		8,376,412		220,973	220,973	158,246	05/04/2022
91324P-DD-1	UNITEDHEALTH GROUP INC 2.375% 10/15/22		09/17/2019	Various		10,035,578	10,000,000	9,967,500	9,975,250		4,216		4,216		9,979,466		56,112	56,112	204,118	10/15/2022
918286-AA-3	VSE VOI MORTGAGE LLC SERIES 2018-A CLASS A 144A 3.560% 02/20/36		10/28/2019	Various		5,810,505	5,622,567	5,622,302	5,622,298		15		15		5,622,313		188,192	188,192	155,461	02/20/2036
918286-AA-3	VSE VOI MORTGAGE LLC SERIES 2018-A CLASS A 144A 3.560% 02/20/36		10/20/2019	Paydown		1,634,963	1,634,963	1,634,886	1,634,885		78		78		1,634,963				22,158	02/20/2036
92343V-DW-1	VERIZON COMMUNICATIONS INC 3.125% 03/16/22		02/04/2019	SECURITIE		10,007,200	10,000,000	9,948,700	9,967,130		1,011		1,011		9,968,141		39,059	39,059	121,528	03/16/2022
92348X-AA-3	VERIZON OWNER TRUST SERIES 2018-A CLASS A1A 3.230% 04/20/23		05/08/2019	Various		11,839,852	11,700,000	11,699,817	11,699,864		(70)		(70)		11,699,794		140,058	140,058	146,965	04/20/2023
92887K-AC-4	VOLVO FINANCIAL EQUIPMENT LLC SERIES 2017-1A CLASS A3 144A 1.920% 03/15/21		09/09/2019	Various		3,627,349	3,635,301	3,635,123	3,634,898		132		132		3,635,030		(7,681)	(7,681)	46,236	03/15/2021
92887K-AC-4	VOLVO FINANCIAL EQUIPMENT LLC SERIES 2017-1A CLASS A3 144A 1.920% 03/15/21		08/15/2019	Paydown		3,364,699	3,364,699	3,364,535	3,364,327		372		372		3,364,699				22,795	03/15/2021
92937E-AG-9	WFRBS COMMERCIAL MORTGAGE TRUS SERIES 2013-C11 CLASS B 3.714% 03/15/45		09/17/2019	Various		1,033,629	1,000,000	1,005,586	1,004,242		(857)		(857)		1,003,385		30,244	30,244	26,720	03/15/2045
92937U-AG-3	WFRBS COMMERCIAL MORTGAGE TRUS SERIES 2013-C13 CLASS B 3.553% 05/15/45		11/04/2019	Various		6,081,390	5,900,000	5,799,516	5,804,194		13,885		13,885		5,818,079		263,311	263,311	178,489	05/15/2045
92939U-AA-4	WEC ENERGY GROUP INC 3.375% 06/15/21		09/17/2019	Direct		6,116,579	6,000,000	5,997,540	5,998,004		579		579		5,998,583		117,996	117,996	153,563	06/15/2021
949746-SA-0	WELLS FARGO & CO 2.100% 07/26/21		09/17/2019	Various		9,955,188	10,000,000	9,990,600	9,995,179		1,181		1,181		9,996,360		(41,172)	(41,172)	223,125	07/26/2021
94988H-AF-8	WELLS FARGO COMMERCIAL MORTGAG SERIES 2012-LC5 CLASS B 4.142% 10/15/45		11/04/2019	Various		3,131,527	3,000,000	3,036,680	3,033,964		(7,402)		(7,402)		3,026,562		104,965	104,965	105,690	10/15/2045
94988J-5P-8	WELLS FARGO BANK NA SERIES BKNT 3.325% 07/23/21		02/11/2019	Various		5,316,112	5,300,000	5,300,000	5,300,000						5,300,000		16,112	16,112	97,903	07/23/2021
95000D-BA-8	WELLS FARGO COMMERCIAL MORTGAG SERIES 2016-C34 CLASS A1 1.423% 05/15/49		09/17/2019	Direct		1,069,701	1,078,783	1,078,780	1,078,567		(9)		(9)		1,078,558		(8,857)	(8,857)	12,179	05/15/2049
95000D-BA-8	WELLS FARGO COMMERCIAL MORTGAG SERIES 2016-C34 CLASS A1 1.423% 05/15/49		08/01/2019	Paydown		413,716	413,716	413,715	413,633		83		83		413,716				2,335	05/15/2049
95000H-BC-5	WELLS FARGO COMMERCIAL MORTGAG SERIES 2016-LC24 CLASS A1 1.441% 10/15/49		09/17/2019	Direct		412,217	413,063	413,056	412,992		(4)		(4)		412,988		(771)	(771)	4,645	10/15/2049
95000H-BC-5	WELLS FARGO COMMERCIAL MORTGAG SERIES 2016-LC24 CLASS A1 1.441% 10/15/49		12/01/2019	Paydown		2,795,584	2,795,584	2,795,536	2,795,103		481		481		2,795,584				19,648	10/15/2049
95000K-AY-1	WELLS FARGO COMMERCIAL MORTGAG SERIES 2016-NXS6 CLASS A1 1.417% 11/15/49		09/17/2019	Various		6,715,503	6,777,232	6,777,069	6,776,040		(51)		(51)		6,775,989		(60,486)	(60,486)	66,651	11/15/2049
95000K-AY-1	WELLS FARGO COMMERCIAL MORTGAG SERIES 2016-NXS6 CLASS A1 1.417% 11/15/49		09/01/2019	Paydown		2,105,233	2,105,233	2,105,182	2,104,863		370		370		2,105,233				11,156	11/15/2049
95000U-ZB-8	WELLS FARGO & COMPANY 2.625% 07/22/22		09/17/2019	Direct		6,040,329	6,000,000	5,994,720	5,996,242		753		753		5,996,995		43,334	43,334	182,000	07/22/2022



ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ Decrease	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Contractual Maturity Date
95040Q-AE-4	WELL TOWER 3.950% 09/01/23		09/17/2019	Direct		6,320,526	6,000,000	5,998,020	5,998,169		279		279		5,998,448		322,078	322,078	258,067	09/01/2023
96221Q-AB-9	WF-RBS COMMERCIAL MORTGAGE TRU SERIES 2013-C18 CLASS A2 3.027% 12/15/46		09/17/2019	Direct		6,270	6,231	6,469	6,438		(5)		(5)		6,433		(163)	(163)	150	12/15/2046
96221Q-AB-9	WF-RBS COMMERCIAL MORTGAGE TRU SERIES 2013-C18 CLASS A2 3.027% 12/15/46		07/01/2019	Paydown		21,421	21,421	22,238	22,134		(713)		(713)		21,421				216	12/15/2046
96221Q-AE-3	WF-RBS COMMERCIAL MORTGAGE TRU SERIES 2013-C18 CLASS A5 4.162% 12/15/46		09/17/2019	Various		4,290,205	4,000,000	4,158,906	4,154,716		(2,960)		(2,960)		4,151,756		138,449	138,449	122,490	12/15/2046
981464-CW-8	WORLD FINANCIAL NETWORK CREDIT SERIES 2012-A CLASS A 3.140% 01/17/23		03/15/2019	Paydown		7,000,000	7,000,000	7,312,226	7,012,140		(12,140)		(12,140)		7,000,000				54,950	01/17/2023
981464-GL-8	WORLD FINANCIAL NETWORK CREDIT SERIES 2018-A CLASS A 3.070% 12/16/24		10/30/2019	Various		17,213,086	17,000,000	16,999,818	16,997,525		758		758		16,998,283		214,803	214,803	371,214	12/16/2024
98161F-AE-5	WORLD OMNI AUTOMOBILE LEASE SE SERIES 2016-A CLASS A4 1.610% 01/15/22		04/15/2019	Paydown		4,000,000	4,000,000	3,999,836	3,999,350		650		650		4,000,000				15,966	01/15/2022
98956P-AQ-5	ZIMMER BIOMET HOLDINGS 3.700% 03/19/23		08/09/2019	Various		4,310,398	4,150,000	4,143,443	4,144,478		804		804		4,145,282		165,116	165,116	138,195	03/19/2023
06367T-G3-8	BANK OF MONTREAL SERIES MTN 2.350% 09/11/22	A	07/30/2019	BMO CAPITAL MARKETS CORP BONDS		2,508,350	2,500,000	2,496,600	2,497,488		395		395		2,497,883		10,467	10,467	52,222	09/11/2022
06367T-JX-9	BANK OF MONTREAL SERIES MTN 1.900% 08/27/21	A	09/17/2019	Various		14,917,675	15,000,000	14,971,650	14,984,939		3,567		3,567		14,988,506		(70,831)	(70,831)	278,271	08/27/2021
06416C-AA-6	BANK OF NOVA SCOTIA 2.125% 09/11/19	A	09/11/2019	Maturity		4,000,000	4,000,000	3,999,640	3,999,950		50		50		4,000,000				85,000	09/11/2019
136069-VX-6	CANADIAN IMPERIAL BANK SERIES BKNT 2.100% 10/05/20	A	07/15/2019	TORONTO DOMINION SECURITIES (US		9,985,000	10,000,000	9,991,900	9,995,248		1,456		1,456		9,996,704		(11,704)	(11,704)	164,500	10/05/2020
31429K-AB-9	FED CAISSES DESJARDINS SERIES 144A 2.250% 10/30/20	A	09/17/2019	Various		8,804,502	8,800,000	8,796,920	8,798,120		646		646		8,798,766		5,736	5,736	158,675	10/30/2020
349553-AK-3	FORTIS INC SERIES 144A 2.100% 10/04/21	A	09/17/2019	Various		5,049,826	5,100,000	5,088,904	5,092,828		1,631		1,631		5,094,459		(44,633)	(44,633)	93,415	10/04/2021
78013G-KN-4	ROYAL BANK OF CANADA 2.150% 10/26/20	A	09/17/2019	Various		9,992,701	10,000,000	9,994,200	9,996,486		1,094		1,094		9,997,580		(4,879)	(4,879)	161,429	10/26/2020
78013X-W2-0	ROYAL BANK OF CANADA 3.700% 10/05/23	A	09/17/2019	Direct		6,318,664	6,000,000	5,987,520	5,988,121		1,777		1,777		5,989,898		328,766	328,766	211,517	10/05/2023
89114Q-BT-4	TORONTO DOMINION BANK 1.850% 09/11/20	A	06/05/2019	TORONTO DOMINION SECURITIES (US		9,948,600	10,000,000	9,988,700	9,993,612		1,620		1,620		9,995,232		(46,632)	(46,632)	136,694	09/11/2020
00084D-AQ-3	ABN AMRO BANK NV SERIES 144A 2.650% 01/19/21	D	07/15/2019	BARCLAYS CAPITAL INC		10,033,100	10,000,000	9,994,000	9,995,900		1,078		1,078		9,996,978		36,122	36,122	263,528	01/19/2021
00182E-BA-6	ANZ NEW ZEALAND INTL SERIES 144A 2.125% 07/28/21	D	09/17/2019	Direct		5,577,988	5,600,000	5,594,960	5,597,408		718		718		5,598,126		(20,138)	(20,138)	135,528	07/28/2021
00182E-BE-8	ANZ NEW ZEALAND INTL SERIES 144A 2.200% 07/17/20	D	04/23/2019	BMO CAPITAL MARKETS CORP BONDS		3,967,800	4,000,000	3,994,360	3,997,100		587		587		3,997,687		(29,887)	(29,887)	67,956	07/17/2020
00182E-BH-1	ANZ NEW ZEALAND INTL LDN SERIES 144A 2.750% 01/22/21	D	07/15/2019	BMO CAPITAL MARKETS CORP BONDS		5,025,050	5,000,000	4,999,700	4,999,794		54		54		4,999,848		25,202	25,202	135,590	01/22/2021
00653M-AA-9	ADCB FINANCE CAYMAN LTD SERIES 144A 4.000% 03/29/23	D	10/31/2019	Various		5,629,003	5,375,000	5,356,188	5,359,052		2,881		2,881		5,361,933		267,070	267,070	219,931	03/29/2023
03845E-AA-0	ARAB PETROLEUM INVST SERIES 144A 4.125% 09/18/23	D	10/31/2019	Various		4,947,021	4,675,000	4,667,053	4,667,510		1,219		1,219		4,668,729		278,292	278,292	203,385	09/18/2023
046353-AR-9	ASTRAZENCA PLC 3.500% 08/17/23	D	09/17/2019	Various		10,385,244	10,000,000	9,967,300	9,969,753		4,241		4,241		9,973,994		411,250	411,250	358,361	08/17/2023
052113-AA-5	AUSGRID FINANCE PTY LTD SERIES 144A 3.850% 05/01/23	D	10/28/2019	Various		12,456,060	12,000,000	11,993,520	11,994,389		992		992		11,995,381		460,679	460,679	431,970	05/01/2023
05253J-AU-5	AUST & NZ BANKING GRP NY 2.625% 11/09/22	D	08/06/2019	Various		10,140,780	10,000,000	9,996,700	9,997,456		381		381		9,997,837		142,943	142,943	190,604	11/09/2022
05964H-AD-7	BANCO SANTANDER SA 3.000% 02/23/23	D	09/17/2019	Direct		5,990,577	6,000,000	6,000,000	6,000,000						6,000,000		(9,423)	(9,423)	182,822	02/23/2023
05964H-AH-8	BANCO SANTANDER SA 3.106% 04/12/23	D	09/17/2019	Direct		4,804,249	4,800,000	4,800,000	4,800,000						4,800,000		4,249	4,249	166,936	04/12/2023
05965M-AD-5	BANCO DEL ESTADO DE CHILE SERIES 144A 2.668% 01/08/21	D	10/31/2019	Various		7,150,036	7,150,000	7,150,000	7,150,000						7,150,000		36	36	240,042	01/08/2021
09659W-2E-3	BNP PARIBAS SERIES 144A 3.500% 03/01/23	D	09/17/2019	Direct		5,393,610	5,250,000	5,238,765	5,240,648		1,600		1,600		5,242,248		151,362	151,362	192,427	03/01/2023
12563T-AA-8	CK HUTCHISON INTL 16 LTD SERIES 144A 1.875% 10/03/21	D	09/17/2019	Direct		4,931,198	5,000,000	4,967,100	4,981,874		4,685		4,685		4,986,559		(55,361)	(55,361)	89,844	10/03/2021
21987B-AP-3	CODELCO INC SERIES 144A 3.875% 11/03/21	D	02/01/2019	Corporate Action		5,105,000	5,000,000	5,356,250	5,190,330		(6,607)		(6,607)		5,183,723		(78,723)	(78,723)	50,052	11/03/2021
251525-AT-8	DEUTSCHE BANK NY 2.700% 07/13/20	D	01/15/2019	SECURITIES		9,696,500	10,000,000	9,986,300	9,993,013		200		200		9,993,213		(296,713)	(296,713)	138,000	07/13/2020
404280-BF-5	HSBC HOLDINGS PLC 2.650% 01/05/22	D	09/17/2019	Various		15,184,752	15,150,000	15,089,116	15,114,471		7,396		7,396		15,121,867		62,885	62,885	449,429	01/05/2022
404280-BW-0	HSBC HOLDINGS PLC 3.033% 11/22/23	D	09/17/2019	Direct		3,226,011	3,200,000	3,200,000	3,200,000						3,200,000		26,011	26,011	79,802	11/22/2023
404280-BR-9	HSBC HOLDINGS PLC 3.124% 05/18/24	D	09/17/2019	Direct		5,016,707	5,000,000	5,000,000	5,000,000						5,000,000		16,707	16,707	150,047	05/18/2024

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identi- fication	Description	For- eign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ Decrease	Current Year's (Amor- tization)/ Accretion	Current Year's Other- Than- Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Con- tractual Maturity Date
456837-AG-8	ING GROEP NV 3.150% 03/29/22	D	04/02/2019	Various		4,995,050	5,000,000	4,990,350	4,993,749		491		491		4,994,240		810	810	80,938	03/29/2022
456837-AK-9	ING GROEP NV 4.100% 10/02/23	D	09/17/2019	Various		10,563,337	10,000,000	9,997,800	9,997,910		283		283		9,998,193		565,144	565,144	366,722	10/02/2023
456837-AL-7	ING GROEP NV 3.085% 10/02/23	D	09/17/2019	Direct		6,006,878	6,000,000	6,000,000	6,000,000						6,000,000		6,878	6,878	206,818	10/02/2023
50064Y-AN-3	KOREA HYDRO & NUCLEAR POWER SERIES 144A 3.750% 07/25/23	D	11/01/2019	Various		3,862,118	3,675,000	3,652,142	3,654,145		3,496		3,496		3,657,641		204,477	204,477	165,323	07/25/2023
50065A-AB-0	KOREA SOUTHERN POWER SERIES 144A 3.000% 01/29/21	D	10/31/2019	Various		2,926,535	2,900,000	2,892,083	2,894,517		2,048		2,048		2,896,565		29,970	29,970	104,400	01/29/2021
539439-AP-4	LLOYDS BANKING GROUP PLC 2.907% 11/07/23	D	08/06/2019	Various		9,992,700	10,000,000	10,000,000	10,000,000						10,000,000		(7,300)	(7,300)	218,833	11/07/2023
55608J-AJ-7	MACQUARIE GROUP LTD SERIES 144A 3.164% 11/28/23	D	09/17/2019	Direct		6,013,080	6,000,000	6,000,000	6,000,000						6,000,000		13,080	13,080	176,634	11/28/2023
606822-AG-9	MITSUBISHI UFJ FIN GRP 2.190% 09/13/21	D	09/17/2019	Direct		4,972,886	5,000,000	5,000,000	5,000,001						5,000,001		(27,115)	(27,115)	111,021	09/13/2021
606822-BA-1	MITSUBISHI UFJ FIN GRP 3.761% 07/26/23	D	01/08/2019	MITSUBISHI UFJ SECURITIE		10,025,600	10,000,000	10,015,600	10,014,618		(79)		(79)		10,014,539		11,061	11,061	171,334	07/26/2023
60682L-AA-0	MITSUBISHI UFJ LEASE&FIN SERIES 144A 2.652% 09/19/22	D	09/17/2019	Direct		6,486,121	6,500,000	6,500,000	6,500,000						6,500,000		(13,879)	(13,879)	171,901	09/19/2022
60687Y-AE-9	MIZUHO FINANCIAL GROUP 2.273% 09/13/21	D	09/17/2019	Direct		2,991,323	3,000,000	3,000,000	3,000,000						3,000,000		(8,677)	(8,677)	69,137	09/13/2021
60687Y-AP-4	MIZUHO FINANCIAL GROUP 3.549% 03/05/23	D	09/17/2019	Various		10,274,819	10,000,000	10,000,000	10,000,000						10,000,000		274,819	274,819	303,045	03/05/2023
60920L-AC-8	MONDELEZ INTL HLDINGS NE SERIES 144A 2.000% 10/28/21	D	09/17/2019	Various		9,926,533	10,000,000	9,963,100	9,979,165		4,628		4,628		9,983,793		(57,260)	(57,260)	161,111	10/28/2021
63254A-BB-3	NATIONAL AUSTRALIA BK NY 3.700% 11/04/21	D	01/16/2019	Various		7,061,600	7,000,000	6,992,300	6,992,502		123		123		6,992,625		68,975	68,975	31,656	11/04/2021
80283L-AV-5	SANTANDER UK PLC 3.750% 11/15/21	D	03/12/2019	Various		9,733,536	9,600,000	9,573,888	9,575,008		1,715		1,715		9,576,723		156,813	156,813	119,000	11/15/2021
857006-AD-2	STATE GRID OVERSEAS INV SERIES 144A 2.250% 05/04/20	D	10/31/2019	Various		6,669,131	6,675,000	6,664,053	6,670,116		2,785		2,785		6,672,901		(3,770)	(3,770)	138,688	05/04/2020
86562M-AE-0	SUMITOMO MITSUI FINANCIAL GROU SERIES 5FXD 2.058% 07/14/21	D	09/17/2019	Various		7,954,055	8,000,000	8,000,000	8,000,000						8,000,000		(45,945)	(45,945)	181,104	07/14/2021
86562M-AQ-3	SUMITOMO MITSUI FINL GRP 2.784% 07/12/22	D	07/15/2019	Various		10,081,500	10,000,000	10,000,000	10,000,000						10,000,000		81,500	81,500	282,267	07/12/2022
86562M-AU-4	SUMITOMO MITSUI FINL GRP 2.778% 10/18/22	D	09/17/2019	Direct		2,977,081	2,950,000	2,950,000	2,950,000						2,950,000		27,081	27,081	75,122	10/18/2022
86562M-AX-8	SUMITOMO MITSUI FINANCIAL GROU 3.102% 01/17/23	D	10/29/2019	Various		6,129,296	6,000,000	6,000,000	6,000,000						6,000,000		129,296	129,296	228,773	01/17/2023
8672EM-AH-7	SUNCORP METIAP LTD SERIES 144A 2.375% 11/09/20	D	05/07/2019	TORONTO DOMINION SECURITIES (US		9,931,600	10,000,000	9,992,800	9,995,546		841		841		9,996,387		(64,787)	(64,787)	118,750	11/09/2020
86960B-AR-3	SVENSKA HANDELSBANKEN AB 1.950% 09/08/20	D	07/15/2019	BARCLAYS CAPITAL INC		4,632,330	4,650,000	4,645,304	4,647,361		844		844		4,648,205		(15,875)	(15,875)	77,829	09/08/2020
86960B-AX-0	SVENSKA HANDELSBANKEN AB SERIES BKNT 3.900% 11/20/23	D	03/04/2019	BARCLAYS CAPITAL INC		6,169,200	6,000,000	5,992,200	5,992,380		273		273		5,992,653		176,547	176,547	68,900	11/20/2023
874060-AK-2	TAKEDA PHARMACEUTICAL SERIES 144A 3.800% 11/26/20	D	01/08/2019	DEUTSCHE BANK SECURITIES		4,575,617	4,550,000	4,547,134	4,547,275		35		35		4,547,310		28,307	28,307	21,132	11/26/2020
874060-AN-6	TAKEDA PHARMACEUTICAL SERIES 144A 4.000% 11/26/21	D	01/15/2019	SUNTRUST CAPITAL MARKETS		5,190,395	5,125,000	5,121,720	5,121,828		48		48		5,121,876		68,519	68,519	29,042	11/26/2021
902674-XK-1	UBS AG LONDON SERIES 144A 2.450% 12/01/20	D	05/14/2019	Various		4,882,164	4,900,000	4,895,492	4,897,123		555		555		4,897,678		(15,514)	(15,514)	54,356	12/01/2020
90352J-AE-3	UBS GROUP FUNDING SWITZE SERIES 144A 2.859% 08/15/23	D	09/17/2019	Direct		2,514,460	2,500,000	2,500,000	2,500,000						2,500,000		14,460	14,460	78,027	08/15/2023
92857W-BN-9	VODAFONE GROUP PLC 2.991% 01/16/24	D	09/17/2019	Direct		10,089,842	10,000,000	10,000,000	10,000,000						10,000,000		89,842	89,842	331,445	01/16/2024
8399999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)						1,683,237,903	1,670,431,054	1,670,094,617	1,669,428,921		117,963		117,963		1,669,546,884		13,691,019	13,691,019	37,235,353	XXX
8399997. Total - Bonds - Part 4						1,896,520,810	1,883,116,644	1,884,168,192	1,883,016,574		(276,226)		(276,226)		1,882,740,348		13,780,462	13,780,462	40,540,686	XXX
8399998. Total - Bonds - Part 5						1,860,802,008	1,850,628,010	1,847,578,791			52,105		52,105		1,847,630,874		13,171,134	13,171,134	7,829,312	XXX
8399999. Total - Bonds						3,757,322,818	3,733,744,654	3,731,746,983	1,883,016,574		(224,121)		(224,121)		3,730,371,222		26,951,596	26,951,596	48,369,998	XXX
8999997. Total - Preferred Stocks - Part 4							XXX													XXX
8999998. Total - Preferred Stocks - Part 5							XXX													XXX
8999999. Total - Preferred Stocks							XXX													XXX
128116-10-0	Calamos Growth & Income Port A		12/31/2019	Various	85,525,000	1,399,477		1,246,763	1,198,199	48,564			48,564		1,246,763		152,750	152,750	26,382	

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ Decrease	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Contractual Maturity Date
233203-67-8	DFA VA Short Term Fixed Port		12/31/2019	Various	9,757,000	100,916		99,631	99,331	300			300		99,631		1,285	1,285	.28	
128116-10-0	Calamos Growth & Income Port A		12/31/2019	Various	19,961,000	308,056		290,885	279,649	11,236			11,236		290,885		17,171	17,171	454	
22544K-88-8	Credit Suisse Commodity Return Strat Port		12/31/2019	Various	7,552,000	27,575		30,179	26,205	3,975			3,975		30,180		(2,621)	(2,621)	22	
233203-68-6	DFA VA Int'l Small Co Port		12/31/2019	Various	21,395,000	250,596		250,674	224,433	26,241			26,241		250,674		(78)	(78)	483	
22544K-88-8	Credit Suisse Commodity Return Strat Port		12/31/2019	Various	464,000	1,699		1,762	1,611	152			152		1,763		(64)	(64)	.1	
233203-67-8	DFA VA Short Term Fixed Port		12/31/2019	Various	1,300,912,000	13,410,173		13,283,954	13,243,287	40,667			40,667		13,283,954		122,627	122,627	10,188	
233203-69-4	DFA VA Int'l Value Port		12/31/2019	Various	23,857,000	285,513		298,806	261,239	37,567			37,567		298,806		(13,293)	(13,293)	641	
233203-67-8	DFA VA Short Term Fixed Port		12/31/2019	Various	83,945,000	861,182		857,996	854,565	3,432			3,432		857,997		3,185	3,185	1,156	
233203-68-6	DFA VA Int'l Small Co Port		12/31/2019	Various	673,661,000	7,891,108		7,601,437	7,066,700	534,738			534,738		7,601,438		288,191	288,191	28,461	
233203-71-0	DFA VA US Targeted Value Port		12/31/2019	Various	8,099,000	139,019		151,948	123,588	28,360			28,360		151,948		(12,929)	(12,929)	383	
233203-68-6	DFA VA Int'l Small Co Port		12/31/2019	Various	108,868,000	1,272,572		1,295,600	1,142,028	153,572			153,572		1,295,600		(23,028)	(23,028)	2,572	
233203-69-4	DFA VA Int'l Value Port		12/31/2019	Various	805,644,000	9,577,815		9,002,469	8,821,798	180,671			180,671		9,002,469		574,211	574,211	26,064	
233203-72-8	DFA VA Global Bond Port		12/31/2019	Various	17,755,000	188,210		193,096	183,231	9,864			9,864		193,095		(4,885)	(4,885)	.32	
233203-69-4	DFA VA Int'l Value Port		12/31/2019	Various	165,065,000	1,963,576		1,891,069	1,807,466	83,603			83,603		1,891,069		72,507	72,507	2,860	
233203-71-0	DFA VA US Targeted Value Port		12/31/2019	Various	287,945,000	4,613,974		4,969,008	4,088,848	880,160			880,160		4,969,008		(357,445)	(357,445)	19,725	
233203-77-7	DFA VA US Large Value Port		12/31/2019	Various	19,720,000	505,917		448,416	443,901	4,516			4,516		448,417		57,500	57,500	770	
233203-71-0	DFA VA US Targeted Value Port		12/31/2019	Various	102,760,000	1,787,822		1,974,976	1,568,118	406,858			406,858		1,974,976		(187,154)	(187,154)	16,556	
233203-72-8	DFA VA Global Bond Port		12/31/2019	Various	767,589,000	8,117,009		8,329,669	7,921,517	408,152			408,152		8,329,669		(215,687)	(215,687)	7,873	
233206-12-5	DFA VA Equity Allocation Port		12/30/2019	Various	3,221,000	35,784		35,362	30,693	4,670			4,670		35,363		421	421	162	
233203-72-8	DFA VA Global Bond Port		12/31/2019	Various	81,062,000	854,314		876,204	836,560	39,644			39,644		876,204		(21,890)	(21,890)	5,856	
233203-77-7	DFA VA US Large Value Port		12/31/2019	Various	475,169,000	12,209,346		11,134,198	10,696,048	438,150			438,150		11,134,198		1,074,708	1,074,708	39,361	
246493-54-8	Del VIP Diversf Inc Ser Std 1		12/26/2019	Various	17,233,000	180,259		177,943	172,160	5,782			5,782		177,942		2,317	2,317	3,587	
233203-77-7	DFA VA US Large Value Port		12/31/2019	Various	106,102,000	2,731,922		2,488,078	2,388,349	99,730			99,730		2,488,079		243,843	243,843	12,983	
233206-12-5	DFA VA Equity Allocation Port		12/31/2019	Various	304,805,000	3,295,570		3,061,674	2,904,790	156,884			156,884		3,061,674		233,612	233,612	3,403	
246493-67-0	Del VIP Sml Cap Val Ser Std 1		12/27/2019	Various	11,129,000	399,015		362,368	364,587	(2,219)			(2,219)		362,368		36,647	36,647	24,900	
233206-12-5	DFA VA Equity Allocation Port		12/31/2019	Various	349,217,000	3,809,061		3,819,623	3,328,035	491,588			491,588		3,819,623		(10,562)	(10,562)	3,048	
246493-54-8	Del VIP Diversf Inc Ser Std 1		12/31/2019	Various	1,295,612,000	13,558,820		13,639,408	12,943,168	696,240			696,240		13,639,408		(84,834)	(84,834)	278,287	
25239Y-54-3	DFA VIT Inflation Protected Sec		12/31/2019	Various	1,063,000	10,931		10,503	10,248	255			255		10,503		428	428	18	
246493-54-8	Del VIP Diversf Inc Ser Std 1		12/31/2019	Various	82,125,000	846,635		856,378	820,424	35,954			35,954		856,378		(9,743)	(9,743)	11,540	
246493-67-0	Del VIP Sml Cap Val Ser Std 1		12/31/2019	Various	157,848,000	5,719,161		5,710,369	5,171,087	539,282			539,282		5,710,369		7,127	7,127	324,370	
25239Y-58-4	DFA VA Global Mod Allocation		12/31/2019	Various	74,759,000	972,348		845,435	867,955	(22,520)			867,955		845,435		126,913	126,913	1,060	
246493-67-0	Del VIP Sml Cap Val Ser Std 1		12/31/2019	Various	14,145,000	502,266		529,650	463,393	66,257			66,257		529,650		(27,384)	(27,384)	28,682	
246493-76-1	Del VIP Intl Val Eq Ser Std 1		12/31/2019	Various	724,560,000	8,529,796		8,108,667	7,774,530	334,136			334,136		8,108,666		419,850	419,850	232,304	
355150-77-2	Franklin Developing Mkts VIP Fnd Cl 1		12/31/2019	Various	17,927,000	171,964		122,253	154,530	(32,277)			(32,277)		122,253		49,711	49,711	825	
246493-76-1	Del VIP Intl Val Eq Ser Std 1		12/31/2019	Various	31,682,000	369,657		339,528	339,948	(420)			(420)		339,528		30,129	30,129	7,757	
25239Y-58-4	DFA VA Global Mod Allocation		12/31/2019	Various	946,219,000	12,126,289		10,896,695	10,985,601	(88,906)			(88,906)		10,896,695		1,229,634	1,229,634	20,591	
41015H-71-1	John Hancock Emerging Markets Value Trust		12/31/2019	Various	17,626,000	164,265		145,727	157,225	(11,498)			(11,498)		145,727		18,538	18,538	729	
25239Y-54-3	DFA VIT Inflation Protected Sec		12/31/2019	Various	5,753,000	58,453		57,648	55,462	2,186			2,186		57,648		805	805	24	
355150-71-5	Franklin Mutual Shares VIP Fnd Cl 1		12/31/2019	Various	37,690,000	712,677		768,263	667,490	100,772			100,772		768,262		(55,960)	(55,960)	49,739	
552748-10-5	MFin M International Equity Fd		12/27/2019	Various	36,530,000	431,204		457,384	387,213	70,171			70,171		457,384		(26,180)	(26,180)	171	
25239Y-58-4	DFA VA Global Mod Allocation		12/31/2019	Various	161,328,000	2,069,770		1,990,445	1,873,020	117,425			117,425		1,990,445		79,325	79,325	2,847	
355150-74-9	Franklin Sn-Mid Cap Growth VIP Fnd Cl 1		12/31/2019	Various	199,012,000	3,793,304		3,756,324	3,391,166	365,158			365,158		3,756,324		35,968	35,968	384,196	
552748-20-4	MFin M Large Cap Growth Fd		12/27/2019	Various	18,710,000	518,329		461,105	427,520	33,586			33,586		461,106		57,223	57,223	1,904	
355150-71-5	Franklin Mutual Shares VIP Fnd Cl 1		12/31/2019	Various	13,621,000	271,325		277,995	241,221	36,774			36,774		277,995		(6,670)	(6,670)	1,441	
355150-77-2	Franklin Developing Mkts VIP Fnd Cl 1		12/31/2019	Various	481,476,000	4,647,543		3,658,132	4,150,319	(492,188)			(492,188)		3,658,131		990,955	990,955	27,464	
552748-30-3	MFin M Capital Appreciation Fd		12/27/2019	Various	38,601,000	948,094		1,073,241	816,017	257,223			257,223		1,073,240		(125,146)	(125,146)	22,109	
355150-74-9	Franklin Sn-Mid Cap Growth VIP Fnd Cl 1		12/31/2019	Various	14,997,000	286,726		283,591	255,547	28,044			28,044		283,591		3,135	3,135	20,459	
355150-88-9	Franklin Income VIP Fnd Cl 1		12/31/2019	Various	192,471,000	3,112,010		2,966,284	2,937,115	29,169			29,169		2,966,284		145,236	145,236	124,511	
552748-50-1	MFin M Business Opp Val Fd		12/27/2019	Various	34,961,000	435,713		477,445	386,674	90,771			90,771		477,445		(41,732)	(41,732)	276	
355150-77-2	Franklin Developing Mkts VIP Fnd Cl 1		12/31/2019	Various	37,820,000	364,723		255,341	326,006	(70,665)			(70,665)		255,341		109,382	109,382	2,196	
41015H-71-1	John Hancock Emerging Markets Value Trust		12/31/2019	Various	514,560,000	4,754,805		4,229,604	4,589,875	(360,271)			(360,271)		4,229,604		525,343	525,343	52,075	
641222-70-8	Neuberger Berman AMT MC Intrinsic Val I		12/27/2019	Various	3,620,000	61,196		57,310	56,791	520			520		57,311		3,885	3,885	612	
355150-88-9	Franklin Income VIP Fnd Cl 1		12/31/2019	Various	8,115,000	129,066		125,746	123,829	1,917			1,917		125,746		3,320	3,320	5,108	
471021-43-6	Janus Henderson Mid-Cap Value Port Inst		12/31/2019	Various	165,307,000	2,623,767		2,749,991	2,327,529	422,462			422,462		2,749,991		(127,371)	(127,371)	129,053	
693394-58-7	PIMCO-PVIT EnghlktBond Inst		12/31/2019	Various	3,637,000	46,783		47,449	43,681	3,768			3,768		47,449		(666)	(666)	1,237	
41015H-71-1	John Hancock Emerging Markets Value Trust		12/31/2019	Various	84,362,000	783,183		814,462	752,506	61,956			61,956		814,462		(31,279)	(31,279)	8,948	
471021-70-9	Janus Henderson Overseas Port Inst		12/31/2019	Various	18,197,000	558,000		517,896	486,034	31,862			31,862		517,896		40,058	40,058	4,535	

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identi- fication	Description	For- eign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ Decrease	Current Year's (Amor- tization)/ Accretion	Current Year's Other- Than- Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Con- tractual Maturity Date
471021-43-6	Janus Henderson Mid-Cap Value Port Inst		12/31/2019	Various	15,898.000	249,063		252,965	223,848	29,117			29,117		252,965		(3,902)	(3,902)	19,186	
471021-86-5	Janus Henderson Forty Port Inst		12/31/2019	Various	128,667.000	5,057,449		4,833,208	4,529,089	304,120			304,120		4,833,209		223,406	223,406	218,821	
693394-74-4	PIMCO-PVIT Real Return Inst		12/27/2019	Various	15,669.000	195,623		194,326	185,674	8,652			8,652		194,326		1,297	1,297	2,159	
471021-70-9	Janus Henderson Overseas Port Inst		12/31/2019	Various	1,830.000	55,248		47,150	48,885	(1,735)			(1,735)		47,150		8,098	8,098	552	
52467K-83-9	Legg Mason IIA Var Global High Yield Bd 1		12/31/2019	Various	544,227.000	3,910,252		3,978,389	3,613,667	364,721			364,721		3,978,388		(69,493)	(69,493)	14,627	
693394-78-5	PIMCO VIT Tot Ret Port Inst		12/27/2019	Various	37,350.000	405,128		420,185	391,433	28,752			28,752		420,185		(15,057)	(15,057)	5,906	
471021-86-5	Janus Henderson Forty Port Inst		12/31/2019	Various	17,610.000	704,265		662,974	619,873	43,101			43,101		662,974		41,291	41,291	18,129	
52467M-84-3	Legg Mason Cllbrdg Var Sml Cap Grw Cl 1		12/31/2019	Various	140,263.000	3,782,960		4,163,351	3,349,486	813,865			813,865		4,163,351		(382,631)	(382,631)	45,207	
742969-57-9	Principal PVC Equity Income Acct Cl 1		12/27/2019	Various	10,155.000	263,226		237,801	232,150	5,651			5,651		237,801		25,425	25,425	3,243	
52467K-83-9	Legg Mason IIA Var Global High Yield Bd 1		12/31/2019	Various	22,383.000	158,459		161,648	148,621	13,027			13,027		161,648		(3,189)	(3,189)	79	
52467X-20-3	Legg Mason Cllbrdg Var Aggres Growth Cl 1		12/31/2019	Various	237,701.000	6,167,699		6,075,308	5,488,515	586,793			586,793		6,075,308		90,840	90,840	32,733	
742969-60-3	Principal PVC MidCap Acct Cl 1		12/31/2019	Various	325.000	18,899		17,121	15,750	1,371			1,371		17,121		1,778	1,778	1,148	
52467M-84-3	Legg Mason Cllbrdg Var Sml Cap Grw Cl 1		12/31/2019	Various	10,886.000	288,547		293,363	259,947	33,416			33,416		293,363		(4,816)	(4,816)	672	
55273F-10-0	MFS-VIT Growth Series		12/31/2019	Various	9,757.000	533,580		465,166	458,677	6,490			6,490		465,167		68,457	68,457	18,809	
74437G-85-4	PS Natural Res Port Cl B		12/27/2019	Various	2,424.000	55,222		62,893	51,532	11,361			11,361		62,893		(7,671)	(7,671)		
52467X-20-3	Legg Mason Cllbrdg Var Aggres Growth Cl 1		12/31/2019	Various	15,149.000	390,848		395,289	349,794	45,494			45,494		395,288		(4,440)	(4,440)	2,318	
55273F-60-5	MFS-VIT Utility Series		12/31/2019	Various	42,038.000	1,400,065		1,172,575	1,235,077	(62,502)			(62,502)		1,172,575		227,747	227,747	23,960	
77954R-10-4	TRPrice Limited Term Bond		12/31/2019	Various	17,024.000	82,605		82,791	81,373	1,418			1,418		82,791		(186)	(186)	1,191	
55273F-10-0	MFS-VIT Growth Series		12/31/2019	Various	7,242.000	379,668		289,139	340,435	(51,296)			(51,296)		289,139		90,529	90,529	2,791	
55273F-83-7	MFS-VIT Global Eqty Series		12/31/2019	Various	83,357.000	1,816,021		1,642,532	1,568,772	73,759			73,759		1,642,531		173,465	173,465	80,198	
77954T-60-5	T Rowe Price Health Sciences i		12/31/2019	Various	6,971.000	313,696		261,080	281,209	(20,128)			(20,128)		261,081		52,615	52,615	95	
55273F-60-5	MFS-VIT Utility Series		12/31/2019	Various	1,622.000	55,360		42,594	47,662	(5,068)			(5,068)		42,594		12,766	12,766	511	
55274F-61-2	MFS VITII Mass Invest Grwth Stk IC		12/31/2019	Various	112,213.000	2,377,330		1,933,042	1,974,951	(41,909)			(41,909)		1,933,042		444,895	444,895	118,318	
87244V-10-4	TIAA-CREF Life Growth Equity		12/31/2019	Various	51,093.000	819,870		592,352	701,509	(109,157)			(109,157)		592,352		227,518	227,518	14,617	
55273F-83-7	MFS-VIT Global Eqty Series		12/31/2019	Various	28,655.000	607,069		547,683	539,285	8,399			8,399		547,684		59,385	59,385	22,017	
641222-10-4	Neuberger Berman AMT Large Cap Value		04/30/2019	Various	123,120.000	1,611,998		1,937,598	1,795,094	142,504			142,504		1,937,598		(327,036)	(327,036)	391,398	
87244V-20-3	TIAA-CREF Life Intl Equity		12/31/2019	Various	30,615.000	239,144		229,803	216,448	13,355			13,355		229,803		9,341	9,341	5,893	
55274F-61-2	MFS VITII Mass Invest Grwth Stk IC		12/31/2019	Various	22,781.000	472,364		406,425	400,953	5,472			5,472		406,425		65,939	65,939	3,956	
641222-70-8	Neuberger Berman AMT MC Intrinsic Val I		12/31/2019	Various	396,555.000	6,813,619		6,814,827	6,221,949	592,878			592,878		6,814,827		(3,226)	(3,226)	233,584	
87244V-30-2	TIAA-CREF Life Growth & Income		12/27/2019	Various	10,072.000	180,871		150,126	156,514	(6,388)			(6,388)		150,126		30,745	30,745	3,960	
641222-10-4	Neuberger Berman AMT Large Cap Value		04/30/2019	Various	18,564.000	245,802		279,926	270,660	9,266			9,266		279,926		(34,124)	(34,124)	53,992	
693394-58-7	PIMCO-PVIT EmgMktBond Inst		12/31/2019	Various	553,650.000	7,074,986		6,974,987	6,649,333	325,654			325,654		6,974,987		98,202	98,202	146,856	
87244V-40-1	TIAA-CREF Life Stock Index		12/27/2019	Various	51,416.000	1,311,588		971,372	1,128,063	(156,691)			(156,691)		971,372		340,216	340,216	10,676	
641222-70-8	Neuberger Berman AMT MC Intrinsic Val I		12/31/2019	Various	50,018.000	852,919		821,536	784,780	36,755			36,755		821,535		31,384	31,384	9,505	
693394-61-1	PIMCO-PVIT ComRIRetStrat Inst		12/31/2019	Various	129,664.000	823,595		911,864	777,984	133,880			133,880		911,864		(88,773)	(88,773)	15,878	
87244V-50-0	TIAA-CREF Life Social Choice		12/27/2019	Various	1,440.000	24,028		19,183	21,573	(2,389)			(2,389)		19,184		4,844	4,844	1,168	
693394-58-7	PIMCO-PVIT EmgMktBond Inst		12/31/2019	Various	30,014.000	383,897		386,543	360,473	26,069			26,069		386,542		(2,645)	(2,645)	7,914	
693394-64-5	PIMCO-PVIT All Asset Fd Inst		12/31/2019	Various	113,987.000	1,203,342		1,178,454	1,145,572	32,883			32,883		1,178,455		24,604	24,604	11,432	
87244V-60-9	TIAA-CREF Life Large Cap Value		12/31/2019	Various	8,638.000	120,628		107,741	107,110	631			631		107,741		12,887	12,887	1,509	
693394-61-1	PIMCO-PVIT ComRIRetStrat Inst		12/31/2019	Various	37,618.000	240,168		261,298	225,708	35,590			35,590		261,298		(21,130)	(21,130)	3,532	
693394-67-8	PIMCO-PVIT Gbl Bd Unhdgd Inst		12/31/2019	Various	191,491.000	2,145,315		2,262,381	2,098,739	163,642			163,642		2,262,381		(118,045)	(118,045)	29,566	
87244V-70-8	TIAA-CREF Life Small Cap Eqty		06/26/2019	Various	84,128.000	1,194,451		1,250,834	1,044,035	206,799			206,799		1,250,834		(56,383)	(56,383)		
693394-64-5	PIMCO-PVIT All Asset Fd Inst		12/31/2019	Various	45,050.000	477,255		454,489	452,748	1,741			1,741		454,489		22,766	22,766	2,929	
693394-74-4	PIMCO-PVIT Real Return Inst		12/31/2019	Various	1,722,489.000	21,320,942		21,774,636	20,411,493	1,363,143			1,363,143		21,774,636		(461,335)	(461,335)	164,990	
87244V-8																				

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ Decrease	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Contractual Maturity Date
74437G-85-4	PS Natural Res Port CI B		12/31/2019	Various	29,288,000	679,633		759,747	622,657	137,091			137,091		759,748		(80,552)	(80,552)		
921925-30-1	Vanguard WIF Equity Index		12/31/2019	Various	75,608,000	3,260,274		2,519,260	2,875,387	(356,126)			(356,126)		2,519,261		741,013	741,013	139,553	
74437G-78-9	PS Jennison 20/20 Port CI B		12/31/2019	Various	6,724,000	220,417		150,772	189,414	(38,642)			(38,642)		150,772		69,645	69,645		
74925K-42-5	Matson Money Fixed Income VI Port		12/31/2019	Various	409,043,000	10,212,510		10,230,146	9,939,745	290,401			290,401		10,230,146		(20,708)	(20,708)	4,270	
921925-80-6	Vanguard VIF High Yield Bond		12/31/2019	Various	17,968,000	141,618		148,484	135,300	13,185			13,185		148,485		(6,867)	(6,867)	7,288	
74437G-85-4	PS Natural Res Port CI B		12/31/2019	Various	11,220,000	261,433		289,719	238,532	51,187			51,187		289,719		(28,286)	(28,286)		
74925K-43-3	Matson Money Intl Equity VI Port		12/31/2019	Various	269,029,000	6,323,356		6,243,038	5,811,023	432,016			432,016		6,243,039		78,684	78,684	23,149	
921925-82-2	Vanguard VIF Capital Growth		12/31/2019	Various	10,806,000	399,619		296,086	361,896	(65,810)			(65,810)		296,086		103,533	103,533	12,714	
74925K-42-5	Matson Money Fixed Income VI Port		12/31/2019	Various	8,600,000	213,718		214,892	208,969	5,922			5,922		214,891		(1,173)	(1,173)	12	
74925K-44-1	Matson Money Market US Equity VI Port		12/31/2019	Various	305,020,000	8,595,782		8,360,657	7,613,291	747,367			747,367		8,360,658		233,276	233,276	34,862	
921925-84-8	Vanguard VIF REIT Index		12/27/2019	Various	16,022,000	208,609		239,107	185,377	53,730			53,730		239,107		(30,498)	(30,498)	13,859	
74925K-43-3	Matson Money Intl Equity VI Port		12/31/2019	Various	10,000,000	235,247		243,578	216,002	27,576			27,576		243,578		(8,331)	(8,331)	59	
77954R-10-4	T Rowe Price Limited Term Bond		12/31/2019	Various	2,064,230,000	9,971,827		10,061,599	9,867,020	194,580			194,580		10,061,600		(92,986)	(92,986)	102,682	
921925-85-5	Vanguard VIF MidCap Index		12/31/2019	Various	57,840,000	1,366,597		1,153,894	1,170,097	(16,203)			(16,203)		1,153,894		212,703	212,703	120,486	
74925K-44-1	Matson Money Market US Equity VI Port		12/31/2019	Various	10,421,000	294,748		302,088	260,109	41,980			41,980		302,089		(7,341)	(7,341)	89	
77954T-60-5	T Rowe Price Health Sciences I		12/31/2019	Various	78,471,000	3,521,080		3,501,629	3,165,533	336,096			336,096		3,501,629		18,467	18,467	2,026	
921925-88-9	Vanguard VIF Small Cp Growth		12/26/2019	Various	22,346,000	475,309		472,455	453,409	19,047			19,047		472,456		2,853	2,853	51,561	
77954R-10-4	TRPrice Limited Term Bond		12/31/2019	Various	148,698,000	721,121		721,775	710,779	10,997			10,997		721,776		(655)	(655)	10,434	
78080T-10-5	Royce Small Cap Annuity Invest		12/31/2019	Various	266,226,000	2,295,558		2,323,740	2,095,198	228,542			228,542		2,323,740		(28,944)	(28,944)	19,571	
92913T-88-5	VOYA Russell LgCap Gr Idx Init		12/31/2019	Various	3,024,000	116,915		78,348	101,269	(22,921)			(22,921)		78,348		38,567	38,567	4,668	
77954T-60-5	T Rowe Price Health Sciences I		12/31/2019	Various	20,062,000	919,745		892,224	809,316	82,909			82,909		892,225		27,520	27,520	31	
78080T-30-3	Royce Micro Cap Annuity Invest		12/31/2019	Various	84,478,000	803,331		921,541	757,770	163,771			163,771		921,541		(118,796)	(118,796)	2,803	
92914E-81-2	VOYA Clarion Global Real Est I		12/31/2019	Various	1,870,000	23,161		20,923	20,212	711			711		20,923		2,238	2,238	244	
78080T-10-5	Royce Small Cap Annuity Invest		12/31/2019	Various	16,395,000	145,991		143,300	129,028	14,271			14,271		143,299		2,692	2,692	239	
87244V-10-4	TIAA-CREF Life Growth Equity		12/31/2019	Various	1,868,070,000	29,838,063		20,950,464	25,648,595	(4,698,131)			(4,698,131)		20,950,464		8,904,982	8,904,982	764,315	
78080T-30-3	Royce Micro Cap Annuity Invest		12/31/2019	Various	12,473,000	116,882		128,803	111,881	16,922			16,922		128,803		(11,921)	(11,921)	112	
87244V-20-3	TIAA-CREF Life Intl Equity		12/31/2019	Various	2,098,260,000	16,292,427		14,025,531	14,834,698	(809,167)			(809,167)		14,025,531		2,268,763	2,268,763	307,112	
87244V-10-4	TIAA-CREF Life Growth Equity		12/31/2019	Various	87,478,000	1,379,236		788,411	1,201,076	(412,665)			(412,665)		788,411		590,825	590,825	72,576	
87244V-30-2	TIAA-CREF Life Growth & Income		12/31/2019	Various	1,283,643,000	22,938,726		16,671,116	19,947,819	(3,276,703)			(3,276,703)		16,671,116		6,279,308	6,279,308	567,611	
87244V-20-3	TIAA-CREF Life Intl Equity		12/31/2019	Various	253,594,000	1,973,019		1,815,962	1,792,911	23,051			23,051		1,815,962		157,057	157,057	45,659	
87244V-40-1	TIAA-CREF Life Stock Index		12/31/2019	Various	2,951,468,000	75,547,420		47,271,883	64,755,198	(17,483,315)			(17,483,315)		47,271,883		28,336,573	28,336,573	574,953	
87244V-30-2	TIAA-CREF Life Growth & Income		12/31/2019	Various	81,000,000	1,425,253		1,056,195	1,258,734	(202,539)			(202,539)		1,056,195		369,058	369,058	35,425	
87244V-50-0	TIAA-CREF Life Social Choice		12/31/2019	Various	585,345,000	9,797,149		8,160,551	8,768,464	(607,913)			(607,913)		8,160,551		1,638,527	1,638,527	549,479	
87244V-40-1	TIAA-CREF Life Stock Index		12/31/2019	Various	478,984,000	12,312,828		8,659,673	10,508,907	(1,849,234)			(1,849,234)		8,659,673		3,653,155	3,653,155	94,686	
87244V-60-9	TIAA-CREF Life Large Cap Value		12/31/2019	Various	895,795,000	12,611,157		11,563,933	11,107,855	456,078			456,078		11,563,933		1,046,583	1,046,583	205,323	
87244V-50-0	TIAA-CREF Life Social Choice		12/31/2019	Various	29,496,000	493,303		306,918	441,846	(134,928)			(134,928)		306,918		186,385	186,385	41,716	
87244V-70-8	TIAA-CREF Life Small Cap Eqty		12/31/2019	Various	745,187,000	10,296,328		10,185,527	9,247,767	937,760			937,760		10,185,527		108,084	108,084	437,405	
87244V-60-9	TIAA-CREF Life Large Cap Value		12/31/2019	Various	48,965,000	689,188		629,105	607,172	21,933			21,933		629,105		60,083	60,083	8,375	
87244V-80-7	TIAA-CREF Life Real Estate		12/31/2019	Various	1,042,606,000	15,472,830		12,869,869	12,834,477	35,393			35,393		12,869,870		2,606,060	2,606,060	184,281	
87244V-70-8	TIAA-CREF Life Small Cap Eqty		12/31/2019	Various	44,517,000	605,371		612,171	552,455	59,716			59,716		612,171		(6,800)	(6,800)	34,749	
87244V-86-4	TIAA-CREF Life Balanced		12/31/2019	Various	764,703,000	9,096,612		8,066,099	8,365,855	(299,756)			(299,756)		8,066,099		1,030,862	1,030,862	101,775	
87244V-80-7	TIAA-CREF Life Real Estate		12/31/2019	Various	86,619,000	1,264,632		1,174,804	1,066,279	108,524			108,524		1,174,803		89,829	89,829	15,758	
87244V-87-2	TIAA-CREF Life Money Market		12/31/2019	Various	73,241,558,000	73,263,155		73,241,558	73,241,558						73,241,558				658,119	
87244V-86-4	TIAA-CREF Life Balanced		12/31/2019	Various	2,832,000	33,654		29,947	30,979	(1,032)			(1,032)		29,947		3,707	3,707	338	
87244V-88-0-																				

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identi- fication	Description	For- eign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ Decrease	Current Year's (Amor- tization)/ Accretion	Current Year's Other- Than- Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Con- tractual Maturity Date
921925-88-9	Vanguard VIF Small Cp Growth		12/31/2019	Various	424,887.000	9,246,493		9,439,677	8,620,962	818,715			818,715		9,439,677		(196,488)	(196,488)	730,900	
921925-85-5	Vanguard VIF MidCap Index		12/31/2019	Various	72,290.000	1,626,932		1,584,626	1,462,435	122,191			122,191		1,584,626		42,306	42,306	125,791	
92914E-81-2	VOYA Clarion Global Real Est I		12/31/2019	Various	185,094.000	2,311,155		2,235,359	2,000,870	234,489			234,489		2,235,359		75,336	75,336	28,206	
921925-88-9	Vanguard VIF Small Cp Growth		12/31/2019	Various	26,372.000	578,530		590,835	535,089	55,745			55,745		590,834		(12,304)	(12,304)	51,515	
933702-10-2	Wanger US Smaller Co Fund		12/31/2019	Various	80,378.000	1,737,418		2,041,722	1,663,817	377,904			377,904		2,041,721		(305,714)	(305,714)	187,654	
92914E-81-2	VOYA Clarion Global Real Est I		12/31/2019	Various	8,655.000	107,095		104,640	93,560	11,080			11,080		104,640		2,455	2,455	1,804	
933702-20-1	Wanger Intl Small Cap Fund		12/31/2019	Various	118,300.000	2,886,299		3,267,437	2,626,267	641,170			641,170		3,267,437		(383,115)	(383,115)	154,106	
933702-10-2	Wanger US Smaller Co Fund		12/31/2019	Various	10,135.000	216,100		254,847	209,797	45,049			45,049		254,846		(38,746)	(38,746)	18,309	
933702-30-0	Wanger Select Fund		12/31/2019	Various	78,848.000	1,380,956		1,552,577	1,286,798	265,773			265,773		1,552,571		(172,529)	(172,529)	108,892	
933702-20-1	Wanger Intl Small Cap Fund		12/31/2019	Various	10,426.000	255,027		268,141	231,456	36,685			36,685		268,141		(13,114)	(13,114)	10,403	
933702-30-0	Wanger Select Fund		12/31/2019	Various	8,333.000	151,539		174,079	136,002	38,077			38,077		174,079		(22,540)	(22,540)	1,691	
9499999. Subtotal - Common Stocks - Mutual Funds						790,300,985	XXX	713,528,608	725,486,758	(11,958,143)			(11,958,143)		713,528,615		76,772,366	76,772,366	14,591,183	XXX
9799997. Total - Common Stocks - Part 4						790,300,985	XXX	713,528,608	725,486,758	(11,958,143)			(11,958,143)		713,528,615		76,772,366	76,772,366	14,591,183	XXX
9799998. Total - Common Stocks - Part 5						66,739,585	XXX	66,555,604							66,555,602		183,983	183,983	992,631	XXX
9799999. Total - Common Stocks						857,040,570	XXX	780,084,212	725,486,758	(11,958,143)			(11,958,143)		780,084,217		76,956,349	76,956,349	15,583,814	XXX
9899999. Total - Preferred and Common Stocks						857,040,570	XXX	780,084,212	725,486,758	(11,958,143)			(11,958,143)		780,084,217		76,956,349	76,956,349	15,583,814	XXX
9999999 - Totals						4,614,363,388	XXX	4,511,831,195	2,608,503,332	(11,958,143)	(224,121)		(12,182,264)		4,510,455,439		103,907,945	103,907,945	63,953,812	XXX

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 5

Showing All Long-Term Bonds and Stocks ACQUIRED During Year and Fully DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	11	Change in Book/Adjusted Carrying Value					17	18	19	20	21
											12	13	14	15	16					
CUSIP Identi- fication	Description	For- eign	Date Acquired	Name of Vendor	Disposal Date	Name of Purchaser	Par Value (Bonds) or Number of Shares (Stock)	Actual Cost	Consid- eration	Book/ Adjusted Carrying Value at Disposal	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amort- ization)/ Accretion	Current Year's Other- Than- Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Valu (12 + 13 - 14)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Interest and Dividends Received During Year	Paid for Accrued Interest and Dividends
912828-5U-0	US TREASURY SEC 2.625% 12/31/23		01/09/2019	Various	02/12/2019	Various	9,840,000	9,882,311	9,900,731	9,881,488		(823)		(823)			19,243	19,243	31,396	6,410
912828-5V-8	US TREASURY N B 2.500% 01/15/22		02/07/2019	Various	02/11/2019	Various	52,550,000	52,549,121	52,591,055	52,549,370		248		248			41,685	41,685	101,616	23,329
912828-5X-4	US TREASURY SEC 2.500% 01/31/21		02/07/2019	BNP PARIBAS SECURITIES BOND	02/28/2019	Various	5,500,000	5,501,762	5,497,207	5,501,711		(51)		(51)			(4,504)	(4,504)	11,015	3,039
912828-5Z-9	US TREASURY SEC 2.500% 01/31/24		02/12/2019	Various	03/05/2019	Various	20,440,000	20,454,150	20,412,853	20,454,053		(97)		(97)			(41,200)	(41,200)	31,751	10,982
912828-6C-9	US TREASURY N B 2.500% 02/15/22		03/08/2019	Various	04/02/2019	Various	69,680,000	69,744,476	70,131,831	69,741,920		(2,556)		(2,556)			389,911	389,911	226,171	19,069
912828-6E-0	US TREASURY N B 2.375% 02/29/24		03/12/2019	Various	04/02/2019	Various	28,135,000	27,953,629	28,221,792	27,956,239		2,610		2,610			265,553	265,553	56,247	11,282
912828-6H-8	US TREASURY N B 2.375% 03/15/22		04/02/2019	Various	04/02/2019	Various	69,680,000	69,916,803	69,742,603	69,912,406		(4,397)		(4,397)			(169,803)	(169,803)	175,383	85,443
912828-6M-7	US TREASURY N B 2.250% 04/15/22		04/22/2019	Various	05/13/2019	Various	69,680,000	69,464,972	69,788,765	69,468,216		3,244		3,244			320,549	320,549	104,577	34,269
912828-6R-6	US TREASURY N B 2.250% 04/30/24		04/30/2019	Various	06/03/2019	Various	52,215,000	52,085,436	53,067,401	52,087,775		2,339		2,339			979,626	979,626	106,785	1,101
912828-6U-9	US TREASURY N B 2.125% 05/15/22		05/13/2019	Various	06/24/2019	AMHERST PIERPONT SECURITIES LL	44,380,000	44,345,328	44,870,320	44,346,596		1,268		1,268			523,724	523,724	102,703	
912828-6V-7	US TREASURY SEC 2.125% 05/31/21		06/07/2019	Various	07/02/2019	SECURITIES LL	6,100,000	6,133,836	6,139,078	6,132,802		(1,034)		(1,034)			6,276	6,276	11,688	3,896
912828-6Y-1	US TREASURY N B 1.750% 06/15/22		06/24/2019	Various	07/30/2019	Various	43,380,000	43,435,920	43,324,797	43,434,110		(1,810)		(1,810)			(109,313)	(109,313)	93,658	20,742
912828-6Z-8	US TREASURY N B 1.625% 06/30/24		07/18/2019	Various	07/29/2019	Various	97,835,000	97,456,080	97,458,797	97,459,499		3,420		3,420			(702)	(702)	137,532	58,256
912828-7A-2	US TREASURY N B 1.625% 06/30/21		07/19/2019	Various	07/29/2019	Various	152,566,000	151,945,046	151,903,267	151,954,794		9,748		9,748			(51,527)	(51,527)	196,059	120,518
912828-7C-8	US TREASURY N B 1.750% 07/15/22		07/30/2019	Various	08/20/2019	Various	71,045,000	70,921,856	71,186,348	70,923,477		1,621		1,621			262,871	262,871	74,686	27,576
912828-7F-1	US TREASURY N B 1.750% 07/31/21		07/31/2019	Various	09/17/2019	Various	11,050,000	11,028,242	11,060,854	11,029,559		1,316		1,316			31,295	31,295	23,418	214
912828-TY-6	US TREASURY BILL 1.625% 11/15/22		11/29/2019	Various	12/04/2019	Various	20,000,000	19,972,344	20,038,281	19,972,837		494		494			65,444	65,444	16,964	6,071
912828-W7-1	US TREASURY N B 2.125% 03/31/24		04/02/2019	Various	04/28/2019	Various	32,715,000	32,494,852	32,426,037	32,497,902		3,049		3,049			(71,865)	(71,865)	50,948	4,508
912828-XT-2	US TREASURY N B 2.000% 05/31/24		06/07/2019	Various	07/08/2019	Various	57,715,000	58,077,407	58,188,443	58,070,593		(6,813)		(6,813)			117,850	117,850	122,999	14,118
912828-YA-2	US TREASURY N B 1.500% 08/15/22		08/20/2019	Various	09/17/2019	Direct	25,040,000	25,084,016	24,873,719	25,082,885		(1,131)		(1,131)			(209,166)	(209,166)	34,702	6,124
912828-YC-8	US TREASURY N B 1.500% 08/31/21		09/16/2019	Various	09/30/2019	Various	16,000,000	15,935,859	15,953,750	15,937,103		1,244		1,244			16,647	16,647	17,555	9,190
912828-YE-4	US TREASURY SEC 1.375% 08/31/24		09/03/2019	Various	09/17/2019	Direct	62,380,000	61,982,894	61,049,552	61,985,974		3,080		3,080			(936,422)	(936,422)	38,559	8,311
912828-YF-1	US TREASURY N B 1.500% 09/15/22		09/16/2019	Various	10/16/2019	Various	5,000,000	4,968,750	4,992,188	4,969,607		857		857			22,581	22,581	6,593	412
912828-YJ-3	US TREASURY N B 1.500% 09/30/21		10/28/2019	Various	11/12/2019	Various	84,000,000	83,754,668	83,726,563	83,760,015		5,347		5,347			(33,452)	(33,452)	143,443	88,422
912828-YK-0	US TREASURY N B 1.375% 10/15/22		11/01/2019	Various	11/12/2019	Various	58,000,000	57,635,664	57,594,063	57,637,477		1,813		1,813			(43,414)	(43,414)	47,637	35,277
912828-YM-6	US TREASURY N B 1.500% 10/31/24		10/31/2019	Various	12/04/2019	Various	8,000,000	7,995,625	7,970,313	7,995,698		72		72			(25,385)	(25,385)	11,209	1,319
912828-Y8-7	US TREASURY SEC 1.750% 07/31/24		07/29/2019	Various	09/03/2019	Various	54,880,000	54,672,056	55,829,681	54,676,040		3,984		3,984			1,153,641	1,153,641	91,342	
912828-YP-9	US TREASURY SEC 1.500% 10/31/21		11/04/2019	Various	12/04/2019	Various	29,000,000	28,932,305	28,954,688	28,935,308		3,003		3,003			19,380	19,380	40,632	2,720
0599999. Subtotal - Bonds - U.S. Governments							1,256,806,000	1,254,325,408	1,256,894,977	1,254,355,454		30,045		30,045			2,539,523	2,539,523	2,107,268	602,598
68323A-FC-3	ONTARIO PROVINCE OF 3.050% 01/29/24	A	01/18/2019	CIBC WORLD MARKETS CORP	09/17/2019	Various	10,000,000	9,989,900	10,446,831	9,991,048		1,148		1,148			455,783	455,783	174,019	
1099999. Subtotal - Bonds - All Other Governments							10,000,000	9,989,900	10,446,831	9,991,048		1,148		1,148			455,783	455,783	174,019	
544445-BA-6	LOS ANGELES CA DEPT OF ARPTS A SERIES C 2.292% 05/15/21		06/05/2019	Various	10/28/2019	Various	1,650,000	1,652,855	1,659,803	1,652,390		(465)		(465)			7,413	7,413	14,214	2,311
603827-XQ-4	MINNEAPOLIS SAINT PAUL MN META SERIES E 2.392% 01/01/21		06/05/2019	Various	10/28/2019	Various	1,815,000	1,818,358	1,823,273	1,817,654		(704)		(704)			5,619	5,619	33,079	18,813
79766D-LR-8	SAN FRANCISCO CA CITY & CNTY SERIES C 3.046% 05/01/22		01/11/2019	J.P. MORGAN SECURITIES LLC	10/28/2019	Various	2,000,000	2,000,000	2,058,348	2,000,000							58,348	58,348	39,530	
3199999. Subtotal - Bonds - U.S. Special Revenues							5,465,000	5,471,213	5,541,424	5,470,044		(1,169)		(1,169)			71,380	71,380	86,823	21,124
00914A-AD-4	AIR LEASE CORP 2.250% 01/15/23		09/09/2019	J.P. MORGAN SECURITIES LLC	10/28/2019	US BANCORP INVESTMENT	1,050,000	1,042,503	1,043,627	1,042,775		271		271			852	852	2,888	
015271-AM-1	ALEXANDRIA REAL ESTATE E 4.000% 01/15/24		03/12/2019	Various	09/17/2019	Direct	2,425,000	2,482,424	2,569,976	2,476,416		(6,008)		(6,008)			93,560	93,560	65,475	17,783
02209S-BA-0	ALTRIA GROUP INC 3.490% 02/14/22		02/12/2019	J.P. MORGAN SECURITIES LLC	03/07/2019	Various	7,300,000	7,299,562	7,365,554	7,299,572		10		10			65,982	65,982	19,108	
025816-OF-4	AMERICAN EXPRESS CO 3.125% 05/20/26		05/15/2019	BARCLAYS CAPITAL INC	09/17/2019	Direct	5,500,000	5,485,260	5,653,002	5,485,958		698		698			167,044	167,044	56,337	
025816-OG-2	AMERICAN EXPRESS CO 2.500% 07/30/24		07/25/2019	Various	09/24/2019	Various	5,000,000	4,983,900	5,030,114	4,984,369		469		469			45,745	45,745	17,778	
032654-AN-5	ANALOG DEVICES INC 3.500% 12/05/26		06/19/2019	Various	10/28/2019	Various	5,000,000	5,050,600	5,188,602	5,048,566		(2,033)		(2,033)			140,036	140,036	58,236	7,778
054561-AC-9	AXA EQUITABLE HOLDINGS I SERIES WII 3.900% 04/20/23		01/17/2019	Tax Free Exchange	09/17/2019	Direct	3,375,000	3,370,749	3,506,253	3,371,417		667		667			134,836	134,836	119,925	31,809
06050T-MN-9	BANK OF AMERICA NA 2.256% 07/28/21		07/23/2019	Various	09/17/2019	Direct	3,000,000	3,000,000	3,002,565	3,000,000							2,565	2,565	11,640	
06051G-HR-3	BANK OF AMERICA CORP SERIES MTN 3.458% 03/15/25		03/12/2019	Various	09/17/2019	Direct	3,000,000	3,000,000	3,112,061	3,000,000							112,061	112,061	52,735	
06405L-AB-7	BANK OF NEW YORK MELLON SERIES BKNT 2.180% 06/04/21		05/30/2019	Various	09/17/2019	Direct	3,000,000	3,000,000	3,000,810	3,000,000							810	810	24,147	
097023-CL-7	BOEING CO 2.300% 08/01/21		07/29/2019	J.P. MORGAN SECURITIES LLC	09/17/2019	Direct	5,775,000	5,774,769	5,778,546	5,774,785		15		15			3,761	3,761	17,341	
110122-BZ-0	BRISTOL MYERS SQUIBB CO SERIES 144A 2.900% 07/26/24		05/07/2019	Various	09/17/2019	Direct	10,350,000	10,309,842	10,584,410	10,312,486		2,645		2,645			271,924	271,924	101,718	

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 5

Showing All Long-Term Bonds and Stocks ACQUIRED During Year and Fully DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	11	Change in Book/Adjusted Carrying Value					17	18	19	20	21
											12	13	14	15	16					
CUSIP Identi- fication	Description	For- eign	Date Acquired	Name of Vendor	Disposal Date	Name of Purchaser	Par Value (Bonds) or Number of Shares (Stock)	Actual Cost	Consid- eration	Book/ Adjusted Carrying Value at Disposal	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amort- ization)/ Accretion	Current Year's Other- Than- Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Valu (12 + 13 - 14)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Interest and Dividends Received During Year	Paid for Accrued Interest and Dividends
125523-AE-0	CIGNA CORP SERIES WI 3.400% 09/17/21		08/27/2019	Tax Free Exchange	09/17/2019	Direct	5,000,000	5,000,000	5,100,637	5,000,000							100,637	100,637	85,472	75,566
125523-AF-7	CIGNA CORP SERIES WI 3.750% 07/15/23		08/27/2019	Tax Free Exchange	09/17/2019	Direct	6,000,000	5,997,441	6,242,300	5,997,480		40		40			244,820	244,820	39,375	26,250
12596J-AD-5	CNH EQUIPMENT TRUST SERIES 2019-A CLASS A4 3.220% 01/15/26		01/30/2019	Various	09/17/2019	Direct	2,750,000	2,749,176	2,849,728	2,749,267		91		91			100,461	100,461	54,606	
12650Y-AA-1	CREDIT SUISSE MORTGAGE CAPITAL SERIES 2015-GLPB CLASS A 144A 3.639%		01/18/2019	Various	09/17/2019	Various	6,543,775	6,614,580	6,839,315	6,602,225		(12,355)		(12,355)			237,090	237,090	165,197	14,553
12650Y-AA-1	CREDIT SUISSE MORTGAGE CAPITAL SERIES 2015-GLPB CLASS A 144A 3.639%		01/18/2019	Various	09/01/2019	Paydown	56,225	56,834	56,225	56,225		(608)		(608)					1,194	125
126650-DE-7	CVS HEALTH CORP 2.625% 08/15/24		08/09/2019	Various	09/17/2019	Direct	5,425,000	5,405,111	5,393,563	5,405,481		370		370			(11,918)	(11,918)	13,054	
14040H-CA-1	CATERPILLAR FINL SERVICE SERIES MTN		01/29/24	Various	09/17/2019	Direct	2,600,000	2,594,384	2,723,884	2,595,098		714		714			128,786	128,786	64,502	
14913Q-2V-0	2.850% 05/17/24		05/14/2019	mitsubishi ufj securitie	09/17/2019	Various	9,500,000	9,479,765	9,705,192	9,480,868		1,103		1,103			224,324	224,324	73,269	
172967-LV-1	CITIGROUP INC 3.142% 01/24/23		04/16/2019	TORONTO DOMINION SECURITIES (US	10/29/2019	Various	8,000,000	8,012,160	8,129,214	8,010,188		(1,971)		(1,971)			119,026	119,026	170,890	58,651
172967-MF-5	CITIGROUP INC 3.352% 04/24/25		04/16/2019	Various	09/17/2019	Direct	6,500,000	6,693,618	6,500,000								193,618	193,618	87,152	
17325F-AS-7	CITIBANK NA SERIES BKNT 3.650%		01/23/24	Various	09/17/2019	Various	5,000,000	4,993,200	5,246,270	4,993,971		771		771			252,299	252,299	103,924	
17401Q-AS-0	CITIZENS BANK NA RI SERIES BKNT 3.250% 02/14/22		02/11/2019	Various	02/27/2019	TORONTO DOMINION SECURITIES (US	5,050,000	5,045,405	5,057,171	5,045,467		63		63			11,704	11,704	7,750	
20034D-JA-8	COMERICA BANK SERIES BKNT 2.500%		07/23/24	J.P. MORGAN SECURITIES LLC	09/17/2019	Direct	5,000,000	4,995,350	5,016,248	4,995,495		145		145			20,753	20,753	19,097	
21870P-AA-5	CORE INDUSTRIAL TRUST SERIES 2015-TEXW CLASS A 144A 3.077% 02/10/34		01/10/2019	Various	09/17/2019	Direct	1,379,570	1,372,457	1,403,019	1,373,758		1,301		1,301			29,261	29,261	30,304	1,533
21870P-AA-5	CORE INDUSTRIAL TRUST SERIES 2015-TEXW CLASS A 144A 3.077% 02/10/34		01/10/2019	Various	10/01/2019	Paydown	1,379,570	1,372,457	1,379,570	1,379,570		7,113		7,113					66,596	1,533
233331-AW-7	DTE ENERGY CO SERIES C 2.529%		10/01/24	WELLS FARGO SECURITIES, LLC	10/28/2019	Various	7,000,000	6,997,690	6,972,217	6,997,749		59		59			(25,532)	(25,532)	35,362	12,250
233331-BB-2	DTE ENERGY CO SERIES B 2.600%		06/15/22	Various	10/28/2019	Various	5,000,000	4,994,400	5,025,025	4,994,980		580		580			30,045	30,045	40,372	
24422E-UQ-0	DEERE JOHN CAPITAL CORP SERIES MTN 3.200% 01/10/22		01/04/2019	mitsubishi ufj securitie	01/14/2019		3,200,000	3,196,928	3,205,312	3,196,945		17		17			8,367	8,367	1,707	
24422E-UX-5	DEERE JOHN CAPITAL CORP SERIES MTN 2.600% 03/07/24		06/04/2019	Various	07/23/2019	Various	9,500,000	9,483,755	9,586,735	9,484,204		449		449			102,531	102,531	32,933	
252722-AA-1	DIAMOND RESORTS OWNER TRUST SERIES 2019- 1A CLASS A 144A 2.890% 02/20/32		08/13/2019	DEUTSCHE BANK SECURITIES	10/28/2019	Various	12,264,297	12,262,661	12,298,002	12,262,671		10		10			35,331	35,331	40,805	
252722-AA-1	DIAMOND RESORTS OWNER TRUST SERIES 2019- 1A CLASS A 144A 2.890% 02/20/32		08/13/2019	DEUTSCHE BANK SECURITIES	10/20/2019	Paydown	242,703	242,670	242,703	242,703		32		32					973	
25466A-AJ-0	DISCOVER BANK 3.450% 07/27/26		05/30/2019	Various	09/17/2019	Direct	6,000,000	5,849,220	6,147,139	5,858,206		8,986		8,986			288,933	288,933	132,825	52,900
25746U-DA-4	DOMINION ENERGY INC 2.381% 08/15/21		06/24/2019	Various	09/17/2019	Direct	3,825,000	3,825,918	3,839,470	3,825,820		(98)		(98)			13,650	13,650	32,291	8,925
260543-CS-0	DOW CHEMICAL CO THE SERIES 144A 3.150% 05/15/24		05/16/2019	mitsubishi ufj securitie	09/17/2019	Direct	3,000,000	2,993,700	3,055,809	2,994,119		418		418			61,690	61,690	30,975	
260543-CS-0	DOW CHEMICAL CO THE SERIES 144A 3.150% 05/15/24		05/16/2019	mitsubishi ufj securitie	11/19/2019	Tax Free Exchange	2,000,000	1,995,800	1,996,222	1,996,222		422		422					31,325	
31428X-BU-9	FEDEX CORP 3.400% 01/14/22		01/14/2019	Various	03/28/2019	J.P. MORGAN SECURITIES J.P. MORGAN SECURITIES	2,950,000	2,946,578	2,996,256	2,946,813		235		235			49,443	49,443	20,896	
316773-CX-6	FIFTH THIRD BANCORP 3.650% 01/25/24		01/23/2019	Various	07/30/2019	LLC	4,175,000	4,167,235	4,368,762	4,168,034		800		800			200,728	200,728	78,734	
337738-AS-7	FISERV INC 2.750% 07/01/24		06/10/2019	J.P. MORGAN SECURITIES LLC	09/17/2019	Various	15,000,000	14,974,800	15,186,600	14,975,954		1,154		1,154			210,646	210,646	93,958	
341081-FW-2	FLORIDA POWER & LIGHT CO 2.308%		05/06/22	WELLS FARGO SECURITIES, LLC	09/17/2019	Direct	6,000,000	6,000,000	5,999,990	6,000,001							(11)	(11)	63,886	
35137L-AA-3	FOX CORP SERIES 144A 3.666% 01/25/22		01/15/2019	Various	09/17/2019	Various	5,150,000	5,150,000	5,304,914	5,150,000							154,914	154,914	109,878	
35137L-AB-1	FOX CORP SERIES 144A 4.030% 01/25/24		01/15/2019	Various	09/17/2019	Direct	3,000,000	3,000,000	3,174,774	3,000,000							174,774	174,774	78,249	



ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 5

Showing All Long-Term Bonds and Stocks ACQUIRED During Year and Fully DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	11	Change in Book/Adjusted Carrying Value					17	18	19	20	21
											12	13	14	15	16					
CUSIP Identi- fication	Description	For- eign	Date Acquired	Name of Vendor	Disposal Date	Name of Purchaser	Par Value (Bonds) or Number of Shares (Stock)	Actual Cost	Consid- eration	Book/ Adjusted Carrying Value at Disposal	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amort- ization)/ Accretion	Current Year's Other- Than- Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Valu (12 + 13 - 14)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Interest and Dividends Received During Year	Paid for Accrued Interest and Dividends
37940X-AA-0	GLOBAL PAYMENTS INC 2.650% 02/15/25		08/07/2019	Various	08/08/2019	Various	5,750,000	5,748,563	5,760,465	5,748,562							11,903	11,903		
38141G-XE-9	GOLDMAN SACHS GROUP INC 3.625% 02/20/24		02/13/2019	Various	09/17/2019	Direct	1,225,000	1,223,506	1,277,226	1,223,677		172		172			53,549	53,549	25,657	
40139L-AF-0	GUARDIAN LIFE GLOB FUND SERIES 144A		04/29/2019	J.P. MORGAN SECURITIES LLC	09/17/2019	Various	7,500,000	7,492,050	7,698,424	7,492,564		513		513			205,860	205,860	69,882	
40414L-AQ-2	HCP INC 3.250% 07/15/26		06/20/2019	MIZUHO SECURITIES	10/28/2019	Various	4,250,000	4,246,005	4,356,020	4,246,148		143		143			109,872	109,872	34,455	
446150-AQ-7	HUNTINGTON BANCSHARES 2.625% 08/06/24		07/30/2019	Various	09/17/2019	Various	15,000,000	14,967,150	15,086,846	14,967,880		730		730			118,966	118,966	43,313	
44891A-BA-4	HYUNDAI CAPITAL AMERICA SERIES 144A		06/17/2019	MIZUHO SECURITIES	09/17/2019	Direct	2,500,000	2,499,350	2,511,294	2,499,404		53		53			11,890	11,890	18,333	
459200-JY-8	IBM CORP 3.000% 05/15/24		05/08/2019	J.P. MORGAN SECURITIES LLC	09/17/2019	Direct	5,000,000	4,980,900	5,142,546	4,982,218		1,317		1,317			160,328	160,328	51,250	
46647P-AE-6	JPMORGAN CHASE & CO 2.776% 04/25/23		05/15/2019	J.P. MORGAN SECURITIES LLC	09/17/2019	Direct	3,000,000	2,990,160	3,026,743	2,991,008		848		848			35,735	35,735	33,081	5,089
46647P-BB-1	JPMORGAN CHASE & CO 3.207% 04/01/23		03/15/2019	J.P. MORGAN SECURITIES LLC	05/15/2019	LLC	5,000,000	5,000,000	5,045,600	5,000,000							45,600	45,600	24,498	
46849L-TE-1	JACKSON NATL LIFE GLOBAL SERIES 144A		01/29/2019	Various	10/29/2019	Various	5,000,000	4,995,450	5,117,920	4,996,490		1,040		1,040			121,430	121,430	113,896	
46849L-TK-7	JACKSON NATL LIFE GLOBAL SERIES 144A		06/17/2019	J.P. MORGAN SECURITIES LLC	09/17/2019	Direct	5,000,000	4,990,250	5,031,658	4,990,725		475		475			40,933	40,933	32,021	
55389P-AA-7	2.650% 06/21/24 MVW OWNER TRUST SERIES 2019-1A CLASS A 144A 2.890% 11/20/36		05/14/2019	WELLS FARGO SECURITIES, LLC	10/29/2019	Various	2,958,208	2,957,273	2,999,892	2,957,225		(48)		(48)			42,667	42,667	32,069	
55389P-AA-7	2.890% 11/20/36 MARSH & MCLENNAN COS INC 3.500% 12/29/20		05/14/2019	WELLS FARGO SECURITIES, LLC	10/20/2019	Paydown	191,792	191,731	191,792	191,792		61		61					1,294	
571748-BE-1	MARSH & MCLENNAN COS INC 3.875%		01/08/2019	DEUTSCHE BANK SECURITIES	01/16/2019	MARKETAXESS CORP	1,800,000	1,798,668	1,806,048	1,798,674		6		6			7,374	7,374	525	
571748-BF-8	MARSH & MCLENNAN COS INC 3.875%		01/08/2019	Various	03/12/2019	BARCLAYS CAPITAL INC	5,000,000	4,997,250	5,136,450	4,997,335		85		85			139,115	139,115	31,753	
595112-BL-6	MICRON TECHNOLOGY INC 4.640% 02/06/24		02/04/2019	Various	02/05/2019	J.P. MORGAN SECURITIES LLC	4,300,000	4,300,000	4,332,981	4,300,000							32,981	32,981	554	
59833C-AB-8	MIDWEST CONNECTOR CAPIT SERIES 144A		03/07/2019	MIZUHO SECURITIES	03/08/2019	LLC	3,650,000	3,647,628	3,663,578	3,647,630		2		2			15,948	15,948	368	
617446-8J-1	3.625% 04/01/22 MORGAN STANLEY SERIES MTN 2.720% 07/22/25		07/18/2019	Various	09/17/2019	Direct	4,150,000	4,150,000	4,174,411	4,150,000							24,411	24,411	17,246	
62848B-AA-9	MVW OWNER TRUST SERIES 2018-1A CLASS A 144A 3.450% 01/21/36		03/14/2019	Various	10/29/2019	Various	4,620,117	4,655,486	4,743,806	4,654,379		(1,107)		(1,107)			89,427	89,427	91,826	9,724
62848B-AA-9	3.450% 01/21/36 NAVIENT STUDENT LOAN TRUST SERIES 2019- EA CLASS A2A 144A 2.640% 05/15/68		03/14/2019	Various	10/20/2019	Paydown	784,298	790,411	784,298	784,298		(6,113)		(6,113)					9,186	1,797
63941M-AB-7	NEXTERA ENERGY CAPITAL 3.150%		07/23/2019	Various	09/17/2019	Direct	4,000,000	3,998,582	4,028,969	3,998,615		33		33			30,354	30,354	13,787	
65339K-BG-4	04/01/24 OCCIDENTAL PETROLEUM CORP 2.700%		03/28/2019	Various	09/17/2019	Various	15,300,000	15,300,000	15,778,290	15,300,000							478,290	478,290	214,968	
674599-CP-8	OCCIDENTAL PETROLEUM CORP 2.600%		08/15/22	Various	09/17/2019	Direct	3,650,000	3,646,095	3,666,761	3,646,240		145		145			20,521	20,521	10,950	
674599-CU-7	08/13/21 ORANGE LAKE TIMESHARE TRUST SERIES 2018- A CLASS A 144A 3.100% 07/08/30		08/06/2019	Various	09/17/2019	Direct	5,950,000	5,944,764	5,976,212	5,945,056		292		292			31,156	31,156	17,189	
68504W-AA-5	ORANGE LAKE TIMESHARE TRUST SERIES 2018- A CLASS A 144A 3.100% 07/08/30		05/01/2019	J.P. MORGAN SECURITIES LLC	10/29/2019	Various	5,133,586	5,148,024	5,208,944	5,147,292		(733)		(733)			61,652	61,652	65,751	11,051
68504W-AA-5	3.100% 07/08/30 PNC FINANCIAL SERVICES 3.500%		05/01/2019	J.P. MORGAN SECURITIES LLC	10/08/2019	Paydown	822,862	825,176	822,862	822,862		(2,314)		(2,314)					6,102	1,771
693475-AV-7	01/23/24 PNC FINANCIAL SERVICES GROUP I 2.600%		01/17/2019	Various	03/12/2019	Various	5,000,000	4,988,650	5,086,500	4,988,961		311		311			97,539	97,539	24,792	
693475-AX-3	07/23/26 PARKER HANIFIN CORP 2.700% 06/14/24		07/18/2019	DBTC AMERICA/PNC BANK, N.A. -SE	09/17/2019	Direct	6,000,000	5,988,540	6,011,709	5,988,796		255		255			22,913	22,913	23,833	
701094-AM-6	PROTECTIVE LIFE GLOBAL SERIES 144A		06/05/2019	BARCLAYS CAPITAL INC	09/17/2019	Direct	2,875,000	2,873,678	2,905,626	2,873,747		69		69			31,879	31,879	20,269	
74368C-AP-9	3.104% 04/15/24 RELIANCE STAND LIFE II SERIES 144A		04/08/2019	DEUTSCHE BANK SECURITIES	09/17/2019	Direct	3,000,000	3,000,000	3,072,865	3,000,000							72,865	72,865	39,576	
75951A-AK-4	2.625% 07/22/22		07/15/2019	J.P. MORGAN SECURITIES LLC	09/17/2019	Direct	7,100,000	7,097,160	7,110,170	7,097,311		150		150			12,859	12,859	28,992	

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

**SCHEDULE D - PART 5**

Showing All Long-Term Bonds and Stocks ACQUIRED During Year and Fully DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	11	Change in Book/Adjusted Carrying Value					17	18	19	20	21
											12	13	14	15	16					
CUSIP Identi- fication	Description	For- eign	Date Acquired	Name of Vendor	Disposal Date	Name of Purchaser	Par Value (Bonds) or Number of Shares (Stock)	Actual Cost	Consid- eration	Book/ Adjusted Carrying Value at Disposal	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amort- ization)/ Accretion	Current Year's Other- Than- Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Valu (12 + 13 - 14)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Interest and Dividends Received During Year	Paid for Accrued Interest and Dividends
760759-AU-4	REPUBLIC SERVICES INC 2.500% 08/15/24		07/29/2019	J.P. MORGAN SECURITIES LLC	08/06/2019	US BANCORP INVESTMENT	6,250,000	6,240,000	6,308,938	6,240,006			5		5		68,932	68,932	434	
797440-BT-0	SAN DIEGO GAS & ELECTRIC CO SERIES PPP 1.914% 02/01/22		04/29/2019	Various	10/29/2019	Various	6	6	6	6										
797440-BT-0	SAN DIEGO GAS & ELECTRIC CO SERIES PPP 1.914% 02/01/22		04/29/2019	Various	08/01/2019	Redemption 100.0000	1	1	1	1										
82653E-AA-5	SIERRA RECEIVABLES FUNDING CO SERIES 2019-1A CLASS A 144A 3.200% 01/20/36		03/14/2019	Various	10/29/2019	Various	4,022,370	4,023,622	4,067,571	4,023,385			(237)		(237)		44,186	44,186	70,348	
82653E-AA-5	SIERRA RECEIVABLES FUNDING CO SERIES 2019-1A CLASS A 144A 3.200% 01/20/36		03/14/2019	Various	10/20/2019	Paydown	1,327,630	1,328,039	1,327,630	1,327,630			(409)		(409)				12,257	
86787E-BE-6	SUNTRUST BANK SERIES BKNT 2.800% 05/17/22		05/14/2019	SUNTRUST CAPITAL MARKETS	09/17/2019	Direct	5,000,000	4,997,450	5,063,531	4,997,738			289		289		65,793	65,793	47,056	
87165B-AQ-6	SYNCHRONY FINANCIAL 2.850% 07/25/22		07/22/2019	Various	08/06/2019	WELLS FARGO SECURITIES, LLC	5,675,000	5,671,425	5,717,790	5,671,471			46		46		46,319	46,319	5,841	
91324P-DR-0	UNITEDHEALTH GROUP INC 2.375% 08/15/24		07/23/2019	Various	07/24/2019	WELLS FARGO SECURITIES, LLC	10,000,000	9,997,500	10,012,700	9,997,501			1		1		15,199	15,199	660	
94106L-BF-5	WASTE MANAGEMENT INC 2.950% 06/15/24		05/14/2019	Various	06/10/2019	DEUTSCHE BANK SECURITIES	4,300,000	4,299,742	4,372,885	4,299,745			3		3		73,140	73,140	7,047	
94106L-BH-1	WASTE MANAGEMENT INC 3.200% 06/15/26		05/14/2019	Various	09/17/2019	Various	6,000,000	5,998,380	6,258,719	5,998,442			61		61		260,277	260,277	50,622	
95000U-2C-6	WELLS FARGO & COMPANY SERIES MTN 3.750% 01/24/24		01/16/2019	WELLS FARGO SECURITIES, LLC	09/17/2019	Direct	3,200,000	3,194,208	3,363,991	3,194,959			752		752		169,032	169,032	78,000	
95040Q-AG-9	WELLTOWER INC 3.625% 03/15/24		02/13/2019	WELLS FARGO SECURITIES, LLC	09/17/2019	Direct	3,000,000	2,989,710	3,122,037	2,990,903			1,193		1,193		131,134	131,134	64,344	
98971D-AA-8	ZIONS BANCORP NA 3.350% 03/04/22		02/27/2019	J.P. MORGAN SECURITIES LLC	10/28/2019	Various	4,300,000	4,297,334	4,384,072	4,297,860			526		526		86,212	86,212	84,857	
06367W-JM-6	BANK OF MONTREAL SERIES MTN 2.900% 03/26/22	A	03/21/2019	BMO CAPITAL MARKETS CORP BONDS	05/16/2019	Various	10,000,000	9,974,600	10,033,300	9,975,875			1,275		1,275		57,425	57,425	43,500	
06367W-MQ-3	BANK OF MONTREAL SERIES MTN 2.500% 06/28/24	A	06/25/2019	BMO CAPITAL MARKETS CORP BONDS	09/17/2019	Direct	4,000,000	3,999,440	4,006,455	3,999,465			25		25		6,990	6,990	22,222	
064159-MK-9	BANK OF NOVA SCOTIA 3.400% 02/11/24	A	02/06/2019	SCOTIA CAPITAL (USA) INC	09/17/2019	Direct	3,000,000	2,997,270	3,118,214	2,997,597			327		327		120,617	120,617	61,483	
064159-QE-9	BANK OF NOVA SCOTIA 2.700% 08/03/26	A	07/24/2019	SCOTIA CAPITAL (USA) INC	09/17/2019	Direct	7,000,000	6,981,800	7,019,135	6,982,163			362		362		36,972	36,972	25,725	
125094-AR-3	CDP FINANCIAL INC SERIES 144A 2.750% 03/07/22	A	02/27/2019	Various	09/17/2019	Various	7,850,000	7,847,331	8,000,052	7,847,748			418		418		152,304	152,304	100,982	
136069-8A-2	CANADIAN IMPERIAL BANK 2.606% 07/22/23	A	07/15/2019	Various	09/17/2019	Direct	6,000,000	6,000,000	6,006,660	6,000,000							6,660	6,660	24,323	
13607G-AP-9	CANADIAN IMPERIAL BANK 3.100% 04/02/24	A	03/26/2019	WELLS FARGO SECURITIES, LLC	09/17/2019	Direct	6,500,000	6,495,515	6,660,447	6,495,930			415		415		164,517	164,517	92,914	
22411V-AJ-7	CPPIB CAPITAL INC SERIES 144A 2.750% 07/22/21	A	01/14/2019	CITIGROUP GLOBAL MARKETS INC	09/17/2019	Various	6,000,000	5,991,240	6,086,337	5,993,291			2,052		2,052		93,046	93,046	96,899	
682142-AA-2	OMERS FINANCE TRUST SERIES 144A 2.500% 05/02/24	A	04/25/2019	Various	10/30/2019	Various	8,500,000	8,452,910	8,705,316	8,456,960			4,050		4,050		248,356	248,356	90,729	
775109-BF-7	ROGERS COMMUNICATIONS IN 2.900% 11/15/26	A	06/19/2019	Various	09/17/2019	Direct	2,200,000	2,186,756	2,232,704	2,187,191			436		436		45,513	45,513	21,798	6,380
89114Q-CA-4	TORONTO DOMINION BANK SERIES MTN 2.650% 06/12/24	A	06/05/2019	TORONTO DOMINION SECURITIES (US	10/29/2019	Various	6,500,000	6,499,090	6,584,121	6,499,144			54		54		84,977	84,977	50,681	
00182E-BK-4	ANZ NEW ZEALAND INTL LDN SERIES 144A 3.400% 03/19/24	D	03/12/2019	Various	05/15/2019	HSBC SECURITIES INC	6,575,000	6,574,408	6,682,041	6,574,427			19		19		107,614	107,614	36,016	
00216L-AC-7	ASB BANK LIMITED 3.125% 05/23/24	D	05/16/2019	Various	09/17/2019	Direct	3,000,000	2,993,400	3,072,700	2,993,827			426		426		78,873	78,873	29,948	
05565Q-DT-2	BP CAPITAL MARKETS PLC 2.160% 11/24/20	D	05/21/2019	Various	06/24/2019	Various	5,000,000	5,000,000	5,004,850	5,000,000							4,850	4,850	12,718	
05591F-2D-1	BNG BANK NV SERIES 144A 2.625% 02/27/24	D	02/20/2019	HSBC SECURITIES INC	09/17/2019	Various	3,980,000	3,966,508	4,103,389	3,967,828			1,320		1,320		135,561	135,561	51,492	
05971K-AD-1	BANCO SANTANDER SA 2.706% 06/27/24	D	06/20/2019	Various	09/17/2019	Various	15,000,000	15,000,000	15,024,417	15,000,000							24,417	24,417	65,170	
2027A0-KB-4	COMMONWEALTH BANK AUST SERIES 144A 3.350% 06/04/24	D	02/25/2019	Various	09/17/2019	Various	7,000,000	6,995,870	7,345,381	6,996,289			420		420		349,092	349,092	124,415	
377373-AG-0	GLAXOSMITHKLINE CAPITAL 3.000% 06/01/24	D	03/18/2019	DEUTSCHE BANK SECURITIES	03/28/2019	Various	5,500,000	5,471,180	5,538,555	5,471,286			106		106		67,269	67,269	2,750	

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 5

Showing All Long-Term Bonds and Stocks ACQUIRED During Year and Fully DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	11	Change in Book/Adjusted Carrying Value					17	18	19	20	21
											12	13	14	15	16					
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Disposal Date	Name of Purchaser	Par Value (Bonds) or Number of Shares (Stock)	Actual Cost	Consideration	Book/ Adjusted Carrying Value at Disposal	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Valu (12 + 13 - 14)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Interest and Dividends Received During Year	Paid for Accrued Interest and Dividends
404280-BZ-1	HSBC HOLDINGS PLC 3.803% 03/11/25	D	03/04/2019	HSBC SECURITIES INC	09/17/2019	Direct	6,000,000	6,000,000	6,217,564	6,000,000							217,564	217,564	118,527	
456837-AP-8	ING GROEP NV 3.550% 04/09/24	D	04/02/2019	Various	09/17/2019	Direct	3,750,000	3,744,375	3,889,196	3,744,874		499		499			144,322	144,322	58,797	
456873-AE-8	INGERSOLL RAND LUX FINAN 3.500% 03/21/26	D	03/19/2019	GOLDMAN SACHS	05/08/2019	Various	2,800,000	2,797,060	2,809,464	2,797,117		57		57			12,347	12,347	13,339	
500630-CW-6	KOREA DEVELOPMENT BANK 3.250% 02/19/24	D	02/12/2019	Various	11/01/2019	Various	5,000,000	4,978,650	5,234,075	4,981,341		2,692		2,692			252,734	252,734	102,826	
606822-BD-5	MITSUBISHI UFJ FIN GRP 3.407% 03/07/24	D	02/26/2019	Various	09/17/2019	Direct	2,500,000	2,500,000	2,586,504	2,500,000							86,504	86,504	45,190	
606822-BG-8	MITSUBISHI UFJ FIN GRP 3.218% 03/07/22	D	02/26/2019	MITSUBISHI UFJ SECURITIE	10/29/2019	Various	5,000,000	5,000,000	5,101,278	5,000,000							101,278	101,278	94,976	
686330-AL-5	ORIX CORP 4.050% 01/16/24	D	01/08/2019	Various	01/09/2019	SMBN NIKKO SECURITIES AMERICA	5,000,000	4,995,750	5,012,800	4,995,750							17,050	17,050		
74977R-DF-8	RABOBANK NEDERLAND GLOBAL SERIES 144A 2.625% 07/22/24	D	07/15/2019	Various	09/17/2019	Direct	5,850,000	5,836,136	5,886,200	5,836,575		440		440			49,625	49,625	23,888	
80283L-AX-1	SANTANDER UK PLC 2.875% 06/18/24	D	06/11/2019	Various	09/17/2019	Direct	6,000,000	5,977,560	6,057,044	5,978,690		1,130		1,130			78,354	78,354	43,125	
83368R-AT-9	SOCIETE GENERALE SERIES 144A 3.875% 03/28/24	D	03/21/2019	SOCIETE GENERALE NY	09/17/2019	Direct	6,000,000	5,996,220	6,258,857	5,996,580		368		368			262,277	262,277	109,792	
86562M-BM-1	SUMITOMO MITSUI FINL GRP 2.696% 07/16/24	D	07/08/2019	SMBN NIKKO SECURITIES AMERICA	09/17/2019	Direct	5,000,000	5,000,000	5,013,539	4,999,986							13,553	13,553	23,216	
3899999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)							578,357,010	577,792,270	587,918,776	577,814,328		22,081		22,081			10,104,448	10,104,448	5,461,202	345,458
8399998. Total - Bonds							1,850,628,010	1,847,578,791	1,860,802,008	1,847,630,874		52,105		52,105			13,171,134	13,171,134	7,829,312	969,180
8999998. Total - Preferred Stocks																				
22544K-88-8	Credit Suisse Commodity Return Strat Port		01/28/2019	Various	12/31/2019	Various	26,000	95	95	95										
87244V-70-8	TIAA-CREF Life Small Cap Eqty		01/22/2019	Various	12/31/2019	Various	7,705,000	103,407	105,875	103,407							2,468	2,468	5,269	
128116-10-0	Calamos Growth & Income Port A		01/25/2019	Various	02/19/2019	Various	42,000	616	638	616							22	22		
233203-72-8	DFA VA Global Bond Port		09/04/2019	Various	12/31/2019	Various	1,000	14	14	14										
87244V-86-4	TIAA-CREF Life Balanced		05/06/2019	Various	12/31/2019	Various	53,330,000	643,600	639,590	643,599										
55274F-61-2	MFS VITI Mass Invest Grwth Stk IC		07/29/2019	Various	12/31/2019	Various	14,183,000	319,252	302,671	319,252							(4,009)	(4,009)	741	
233206-12-5	DFA VA Equity Allocation Port		07/01/2019	Various	12/31/2019	Various	22,047,000	234,693	247,444	234,693							(16,581)	(16,581)	104	
87244V-87-2	TIAA-CREF Life Money Market		06/05/2019	Various	12/31/2019	Various	6,676,603,000	6,676,603	6,676,603	6,676,603							12,751	12,751	1,520	
641222-10-4	Neuberger Berman AMT Large Cap Value		04/30/2019	Various	04/30/2019	Various	20,386,000	293,478	256,354	293,478							(37,124)	(37,124)	81,461	
25239Y-58-4	DFA VA Global Mod Alloc		08/13/2019	Various	12/31/2019	Various	19,517,000	247,666	243,373	247,666							(4,293)	(4,293)	46,913	
641222-60-9	Neuberger Berman AMT Sustainable Equity I		05/01/2019	Various	12/31/2019	Various	4,899,000	127,968	127,648	127,968										
355150-71-5	Franklin Mutual Shares VIP Fnd Cl 1		01/31/2019	Various	12/31/2019	Various	967,000	18,411	18,025	18,411							(320)	(320)	183	
693394-61-1	PIMCO-PVIT ComRIRetStrat Inst		02/04/2019	Various	12/31/2019	Various	196,000	1,258	1,231	1,258							(386)	(386)	2,293	
355150-74-9	Franklin Sm-Mid Cap Growth VIP Fnd Cl 1		05/01/2019	Various	12/27/2019	Various	11,297,000	237,824	210,875	237,824							(27)	(27)	38	
693394-64-5	PIMCO-PVIT All Asset Fd Inst		06/13/2019	Various	07/18/2019	Various	217,000	2,264	2,326	2,263							(26,949)	(26,949)	29,050	
471021-70-9	Janus Henderson Overseas Port Inst		06/24/2019	Various	12/31/2019	Various	34,000	986	1,085	986							63	63	13	
87244V-10-4	TIAA-CREF Life Growth Equity		02/19/2019	Various	12/31/2019	Various	506,000	7,833	7,923	7,833							99	99		
471021-86-5	Janus Henderson Forty Port Inst		01/28/2019	Various	12/31/2019	Various	29,851,000	1,125,550	1,243,571	1,125,549							90	90	736	
87244V-50-0	TIAA-CREF Life Social Choice		02/19/2019	Various	12/31/2019	Various	13,000	225	231	225							118,022	118,022	5,677	
52467M-84-3	Legg Mason Ctrbrdg Var Sml Cap Grw Cl 1		11/27/2019	Various	12/31/2019	Various	23,152,000	646,627	660,418	646,627							6	6	10	
87244V-87-2	TIAA-CREF Life Money Market		08/27/2019	Various	12/31/2019	Various	6,035,727,000	6,035,727	6,035,727	6,035,727							13,791	13,791	2,399	
55273F-10-0	MFS-VIT Growth Series		05/01/2019	Various	12/31/2019	Various	221,000	12,498	12,446	12,499										
933702-10-2	Wanger US Smaller Co Fund		07/11/2019	Various	12/31/2019	Various	4,510,000	92,895	93,279	92,895							(53)	(53)	900	
641222-10-4	Neuberger Berman AMT Large Cap Value		04/30/2019	Various	04/30/2019	Various	230,500,000	3,495,949	3,338,146	3,495,950							384	384	1,571	
641222-60-9	Neuberger Berman AMT Sustainable Equity I		05/01/2019	Various	12/31/2019	Various	40,811,000	1,065,979	1,057,284	1,065,979							(157,804)	(157,804)	219,330	
693394-61-1	PIMCO-PVIT ComRIRetStrat Inst		08/13/2019	Various	12/31/2019	Various	11,278,000	69,623	68,586	69,623							(8,695)	(8,695)	15,601	
693394-67-8	PIMCO-PVIT Gbl Bd Unhgd Inst		08/19/2019	Various	12/31/2019	Various	3,039,000	34,042	34,434	34,041							(1,037)	(1,037)	14	
74437G-85-4	PS Natural Res Port Cl B		01/02/2019	Various	12/31/2019	Various	89,000	1,896	1,974	1,896							393	393	471	
74925K-43-3	Matson Money Intl Equity VI Port		01/16/2019	Various	08/22/2019	Various	123,000	2,788	2,719	2,788							78	78		
77954T-60-5	T Rowe Price Health Sciences i		03/20/2019	Various	12/31/2019	Various	2,858,000	123,288	131,543	123,288							(69)	(69)		

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 5

Showing All Long-Term Bonds and Stocks ACQUIRED During Year and Fully DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	11	Change in Book/Adjusted Carrying Value					17	18	19	20	21
											12	13	14	15	16					
CUSIP Identi- fication	Description	For- eign	Date Acquired	Name of Vendor	Disposal Date	Name of Purchaser	Par Value (Bonds) or Number of Shares (Stock)	Actual Cost	Consid- eration	Book/ Adjusted Carrying Value at Disposal	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amort- ization)/ Accretion	Current Year's Other- Than- Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Valu (12 + 13 - 14)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Interest and Dividends Received During Year	Paid for Accrued Interest and Dividends
87244V-10-4	TIAA-CREF Life Growth Equity .....		06/06/2019	Various .....	12/31/2019	Various .....	251,450,000	3,749,385	4,190,759	3,749,386							441,373	441,373	38,411	
87244V-86-4	TIAA-CREF Life Balanced .....		09/16/2019	Various .....	12/31/2019	Various .....	6,922,000	85,122	82,581	85,121							(2,540)	(2,540)	3,646	
87244V-87-2	TIAA-CREF Life Money Market .....		06/25/2019	Various .....	12/31/2019	Various .....	35,833,399,000	35,833,399	35,833,399	35,833,399									289,112	
921925-30-1	Vanguard WIF Equity Index .....		12/23/2019	Various .....	12/31/2019	Various .....	3,763,000	165,052	165,674	165,052							622	622		
921925-80-6	Vanguard VIF High Yield Bond .....		02/25/2019	Various .....	12/31/2019	Various .....	10,050,000	79,484	81,105	79,484							1,621	1,621	4,833	
921925-82-2	Vanguard VIF Capital Growth .....		07/31/2019	Various .....	12/31/2019	Various .....	97,743,000	3,574,476	3,568,608	3,574,476							(5,868)	(5,868)	11	
921925-88-9	Vanguard VIF Small Cp Growth .....		01/22/2019	Various .....	12/31/2019	Various .....	1,039,000	21,919	21,988	21,919							69	69	2,774	
933702-10-2	Wanger US Smaller Co Fund .....		06/17/2019	Various .....	12/31/2019	Various .....	61,106,000	1,423,712	1,273,343	1,423,712							(150,369)	(150,369)	159,347	
9499999. Subtotal - Common Stocks - Mutual Funds								66,555,604	66,739,585	66,555,602							183,983	183,983	992,631	
9799998. Total - Common Stocks								66,555,604	66,739,585	66,555,602							183,983	183,983	992,631	
9899999. Total - Preferred and Common Stocks								66,555,604	66,739,585	66,555,602							183,983	183,983	992,631	
9999999 - Totals								1,914,134,395	1,927,541,593	1,914,186,476		52,105		52,105			13,355,117	13,355,117	8,821,943	969,180

ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE DA - PART 1

Showing All SHORT-TERM INVESTMENTS Owned December 31 of Current Year

1	Codes		4	5	6	7	Change in Book/Adjusted Carrying Value				12	13	Interest						20
	2	3					8	9	10	11			14	15	16	17	18	19	
Description	Code	For- eign	Date Acquired	Name of Vendor	Maturity Date	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor- tization)/ Accretion	Current Year's Other- Than- Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Par Value	Actual Cost	Amount Due and Accrued Dec. 31 of Current Year on Bond Not in Default	Non- Admitted Due and Accrued	Rate of	Effective Rate of	When Paid	Amount Received During Year	Paid for Accrued Interest
US TREASURY BILL .....			..09/30/2019 ..	Various .....	02/15/2020 .....	2,498,428 .....		3,213 .....			2,500,000 .....	2,495,215 .....	14,164 .....		1.500 .....	2.014 .....	FA .....		4,390 .....
0199999. Subtotal - Bonds - U.S. Governments - Issuer Obligations						2,498,428		3,213			2,500,000	2,495,215	14,164		XXX	XXX	XXX		4,390
0599999. Total - U.S. Government Bonds						2,498,428		3,213			2,500,000	2,495,215	14,164		XXX	XXX	XXX		4,390
1099999. Total - All Other Government Bonds															XXX	XXX	XXX		
1799999. Total - U.S. States, Territories and Possessions Bonds															XXX	XXX	XXX		
2499999. Total - U.S. Political Subdivisions Bonds															XXX	XXX	XXX		
3199999. Total - U.S. Special Revenues Bonds															XXX	XXX	XXX		
3899999. Total - Industrial and Miscellaneous (Unaffiliated) Bonds															XXX	XXX	XXX		
4899999. Total - Hybrid Securities															XXX	XXX	XXX		
5599999. Total - Parent, Subsidiaries and Affiliates Bonds															XXX	XXX	XXX		
6099999. Subtotal - SVO Identified Funds															XXX	XXX	XXX		
6599999. Subtotal - Unaffiliated Bank Loans															XXX	XXX	XXX		
7699999. Total - Issuer Obligations						2,498,428		3,213			2,500,000	2,495,215	14,164		XXX	XXX	XXX		4,390
7799999. Total - Residential Mortgage-Backed Securities															XXX	XXX	XXX		
7899999. Total - Commercial Mortgage-Backed Securities															XXX	XXX	XXX		
7999999. Total - Other Loan-Backed and Structured Securities															XXX	XXX	XXX		
8099999. Total - SVO Identified Funds															XXX	XXX	XXX		
8199999. Total - Affiliated Bank Loans															XXX	XXX	XXX		
8299999. Total - Unaffiliated Bank Loans															XXX	XXX	XXX		
8399999. Total Bonds						2,498,428		3,213			2,500,000	2,495,215	14,164		XXX	XXX	XXX		4,390
8699999. Total - Parent, Subsidiaries and Affiliates											XXX				XXX	XXX	XXX		
TIME DEPOSIT EURO (MCH) .....			..12/31/2019 ..												0.000 .....	0.000 .....		15,651 .....	
9099999. Subtotal - Other Short-Term Invested Assets											XXX				XXX	XXX	XXX	15,651	
9199999 - Totals						2,498,428		3,213			XXX	2,495,215	14,164		XXX	XXX	XXX	15,651	4,390

Schedule DB - Part A - Section 1 - Options, Caps, Floors, Collars, Swaps and Forwards Open

**NONE**

Schedule DB - Part A - Section 2 - Options, Caps, Floors, Collars, Swaps and Forwards Terminated

**NONE**

Schedule DB - Part B - Section 1 - Futures Contracts Open

**NONE**

Schedule DB - Part B - Section 1B - Brokers with whom cash deposits have been made

**NONE**

Schedule DB - Part B - Section 2 - Futures Contracts Terminated

**NONE**

Schedule DB - Part D - Section 1 - Counterparty Exposure for Derivative Instruments Open

**NONE**

Schedule DB - Part D-Section 2 - Collateral for Derivative Instruments Open - Pledged By

**NONE**

Schedule DB - Part D-Section 2 - Collateral for Derivative Instruments Open - Pledged To

**NONE**

Schedule DB - Part E - Derivatives Hedging Variable Annuity Guarantees as of December 31 of  
Current Year

**NONE**

Schedule DL - Part 1 - Reinvested Collateral Assets Owned

**NONE**

Schedule DL - Part 2 - Reinvested Collateral Assets Owned

**NONE**



## ANNUAL STATEMENT FOR THE YEAR 2019 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

## SCHEDULE E - PART 2 - CASH EQUIVALENTS

Show Investments Owned December 31 of Current Year

[illegible]



SCHEDULE E - PART 3 - SPECIAL DEPOSITS

States, Etc.	1	2	Deposits For the Benefit of All Policyholders		All Other Special Deposits	
	Type of Deposit	Purpose of Deposit	3 Book/Adjusted Carrying Value	4 Fair Value	5 Book/Adjusted Carrying Value	6 Fair Value
1. Alabama .....	AL					
2. Alaska .....	AK					
3. Arizona .....	AZ					
4. Arkansas .....	AR					
5. California .....	CA					
6. Colorado .....	CO					
7. Connecticut .....	CT					
8. Delaware .....	DE					
9. District of Columbia .....	DC					
10. Florida .....	FL					
11. Georgia .....	GA					
12. Hawaii .....	HI					
13. Idaho .....	ID					
14. Illinois .....	IL					
15. Indiana .....	IN					
16. Iowa .....	IA					
17. Kansas .....	KS					
18. Kentucky .....	KY					
19. Louisiana .....	LA					
20. Maine .....	ME					
21. Maryland .....	MD					
22. Massachusetts .....	MA					
23. Michigan .....	MI					
24. Minnesota .....	MN					
25. Mississippi .....	MS					
26. Missouri .....	MO					
27. Montana .....	MT					
28. Nebraska .....	NE					
29. Nevada .....	NV					
30. New Hampshire .....	NH					
31. New Jersey .....	NJ					
32. New Mexico .....	NM					
33. New York .....	NY					
34. North Carolina .....	NC					
35. North Dakota .....	ND					
36. Ohio .....	OH					
37. Oklahoma .....	OK					
38. Oregon .....	OR					
39. Pennsylvania .....	PA					
40. Rhode Island .....	RI					
41. South Carolina .....	SC					
42. South Dakota .....	SD					
43. Tennessee .....	TN					
44. Texas .....	TX					
45. Utah .....	UT					
46. Vermont .....	VT					
47. Virginia .....	VA					
48. Washington .....	WA					
49. West Virginia .....	WV					
50. Wisconsin .....	WI					
51. Wyoming .....	WY					
52. American Samoa .....	AS					
53. Guam .....	GU					
54. Puerto Rico .....	PR					
55. U.S. Virgin Islands .....	VI					
56. Northern Mariana Islands .....	MP					
57. Canada .....	CAN					
58. Aggregate Alien and Other .....	OT	XXX	XXX			
59. Subtotal	XXX	XXX				
DETAILS OF WRITE-INS						
5801. ....						
5802. ....						
5803. ....						
5898. Summary of remaining write-ins for Line 58 from overflow page	XXX	XXX				
5899. Totals (Lines 5801 thru 5803 plus 5898)(Line 58 above)	XXX	XXX				

ALPHABETICAL INDEX

ANNUAL STATEMENT BLANK

Analysis of Increase in Reserves During The Year ..... 6.1

Analysis of Operations By Lines of Business ..... 5

Asset Valuation Reserve Default Component ..... 15

Asset Valuation Reserve Equity ..... 17

Asset Valuation Reserve Replications (Synthetic) Assets ..... 20

Assets ..... 2

Exhibit 1 - Investment Expenses ..... 8

Exhibit 2 - Investment Taxes, Licenses and Fees (Excluding Federal Income Taxes) ..... 8

Exhibit 3 - Aggregate Reserve for Life, Annuity and Accident and Health Contracts ..... 9

Exhibit 3 - Interrogatories ..... 9

Exhibit 3A - Changes in Bases of Valuation During The Year ..... 9

Exhibit 4 - Deposit-Type Contracts ..... 10

Exhibit 5 - Reconciliation of Cash and Invested Assets ..... 11

Exhibit 6 - Guaranteed Insurance and Annuity Products ..... 12

Exhibit of Capital Gains (Losses) ..... 7

Exhibit of Net Investment Income ..... 7

Form for Calculating the Interest Maintenance Reserve (IMR) ..... 14

General Interrogatories ..... 13

Jurat Page ..... 1

Liabilities, Surplus and Other Funds ..... 3

Overflow Page For Write-ins ..... 21

Schedule A - Part 1 ..... E01

Schedule A - Part 2 ..... E02

Schedule A - Part 3 ..... E03

Schedule A - Verification Between Years ..... SI02

Schedule B - Part 1 ..... E04

Schedule B - Part 2 ..... E05

Schedule B - Part 3 ..... E06

Schedule B - Verification Between Years ..... SI02

Schedule BA - Part 1 ..... E07

Schedule BA - Part 2 ..... E08

Schedule BA - Part 3 ..... E09

Schedule BA - Verification Between Years ..... SI03

Schedule D - Part 1 ..... E10

Schedule D - Part 2 - Section 1 ..... E11

Schedule D - Part 2 - Section 2 ..... E12

Schedule D - Part 3 ..... E13

Schedule D - Part 4 ..... E14

Schedule D - Part 5 ..... E15

Schedule D - Summary By Country ..... SI04

Schedule D - Verification Between Years ..... SI03

Schedule DA - Part 1 ..... E17

Schedule DA - Verification Between Years ..... SI10

Schedule DB - Part A - Section 1 ..... E18

Schedule DB - Part A - Section 2 ..... E19

Schedule DB - Part A - Verification Between Years ..... SI11

Schedule DB - Part B - Section 1 ..... E20

Schedule DB - Part B - Section 2 ..... E21

Schedule DB - Part B - Verification Between Years ..... SI11

Schedule DB - Part C - Section 1 ..... SI12

Schedule DB - Part C - Section 2 ..... SI13

Schedule DB - Part D - Section 1 ..... E22

Schedule DB - Part D - Section 2 ..... E23

Schedule DB - Part E ..... E24

Schedule DB - Verification ..... SI14

Schedule DL - Part 1 ..... E25

Schedule DL - Part 2 ..... E26

Schedule E - Part 1 - Cash ..... E27

Schedule E - Part 2 - Cash Equivalents ..... E28

Schedule E - Part 2 - Verification Between Years ..... SI15

Schedule E - Part 3 - Special Deposits ..... E29

Summary of Operations ..... 4