

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, 2020

LIFE AND ACCIDENT AND HEALTH

2020



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

ANNUAL STATEMENT

FOR THE YEAR ENDED DECEMBER 31, 2020

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) 212-490-9000
New York, NY, US 10017 (Area Code) (Telephone Number)
(City or Town, State, Country and Zip Code)

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) 212-490-9000
New York, NY, US 10017 (Area Code) (Telephone Number)
(City or Town, State, Country and Zip Code)

Internet Website Address tiaa.org

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

OFFICERS

President & Chief Executive Officer William Gunnar Griesser Vice President & Chief Financial Officer Stacy Koon Eisenhower

Secretary Mary Catherine Benedetto Senior Vice President & Chief Actuary Christine Ellen Dugan

OTHER

Todd Richard Sagmoe, Vice President, Head of Insurance, Illustration Actuary Jennifer Christine Sisom #, Treasurer

DIRECTORS OR TRUSTEES

Rashmi Dilip Badwe Anne (NMN) Dobkowski # Christine Ellen Dugan
Bradley (NMN) Finkle William Gunnar Griesser Eric Thomas Jones
Oluseun S. Salami # Christopher Antoine Van Buren

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 Mary Catherine Benedetto Stacy Koon Eisenhower
President & Chief Executive Officer Secretary Vice President & Chief Financial Officer

Subscribed and sworn to before me this 5th day of February, 2021
Vincenza Ieni

- 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. 011E6211858
Qualified in Westchester County
My Commission Expires 09-21-2021



ANNUAL STATEMENT FOR THE YEAR 2020 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
2. Stocks (Schedule D):				
2.1 Preferred stocks				
2.2 Common stocks		4,076,069,829	4,076,069,829	3,593,155,650
3. Mortgage loans on real estate (Schedule B)				
4. Real estate (Schedule A):				
4.1 Properties held for the production of income (less \$ encumbrances)				
4.2 Properties held for sale (less \$ encumbrances)				
5. Cash (\$ Schedule E - Part 1), and cash equivalents (\$, Schedule E - Part 2)				1,153,786
6. Short-term investments (Schedule DA)				2,498,428
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)		4,076,069,829	4,076,069,829	3,986,560,030
12. Investment income due and accrued		2	2	2,577,301
13. Receivables for securities				
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)		4,076,069,831	4,076,069,831	3,989,137,331
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)		4,022,149,507	4,022,149,507	3,554,036,227
2. Liability for deposit-type contracts (Exhibit 4, Line 9, Col. 1)		50,502,565	50,502,565	421,719,892
3. Interest Maintenance Reserve				6,140,598
4. Charges for investment management, administration and contract guarantees due or accrued		4,809	4,809	
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 \$5,038,533 accrued expense allowances recognized in reserves).....		8,520,361	8,520,361	9,433,217
11. Remittances and items not allocated		(5,107,411)	(5,107,411)	(3,761,601)
12. Derivatives				
13. Payable for securities				
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 \$8,520,361 due or accrued net transfers to or (from) the general account)		4,076,069,831	4,076,069,831	3,987,568,332
18. Contributed surplus				1,568,999
19. Aggregate write-ins for special surplus funds				
20. Unassigned funds				
21. Surplus (Lines 18 through 20)				1,568,999
22. Totals		4,076,069,831	4,076,069,831	3,989,137,331
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 2020 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	228,786,725	357,915,358
1.2 Considerations for supplementary contracts with life contingencies		
1.3 Aggregate write-ins for other transfers to Separate Accounts	16,202,327	10,115,679
1.4 Totals (Lines 1.1 to 1.3)	244,989,052	368,031,037
2. Transfers on account of deposit-type contracts (including \$ 17,084,848 deposits less \$ 415,259,440 withdrawals)	(398,174,593)	(1,774,392,546)
3. Net investment income and capital gains and losses	462,851,686	675,037,322
4. Aggregate write-ins for other income	12,334	(82,290)
5. Totals (Lines 1.4 to 4)	309,678,479	(731,406,477)
DEDUCT:		
6. Transfers from the Separate Account on account of contract benefits:		
6.1 Death benefits	284,656	528,464
6.2 Matured endowments		
6.3 Annuity benefits	30,972,502	37,666,111
6.4 Payments on supplementary contracts with life contingencies		
6.5 Accident and health benefits		
6.6 Surrender benefits and withdrawals for life contracts	101,159,080	112,146,392
6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits	61,662,049	58,894,979
7. Transfers on account of policy loans	2,260,386	3,012,697
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	(860,237)	90,473
9.3 Aggregate write-ins for other transfers from Separate Accounts		
10. Subtotals (Lines 6.1 to 9.3)	195,478,436	212,339,116
11. Fees associated with charges for investment management, administration and contract guarantees	18,873,089	23,635,074
12. Increase in aggregate reserve for life and accident and health contracts	468,113,280	740,383,671
13. Increase in liability for deposit-type contracts	(371,217,327)	(1,704,360,541)
14. Increase in reserve for future federal income taxes		
15. Aggregate write-ins for reserves and funds		
16. Totals (Lines 10 to 15)	311,247,478	(728,002,680)
17. Net gain from operations (including \$ 265,119,737 unrealized capital gains) (Line 5 minus Line 16)	(1,568,999)	(3,403,797)
SURPLUS ACCOUNT		
18. Surplus, December 31, prior year	1,568,999	4,972,796
19. Net gain from operations (Line 17)	(1,568,999)	(3,403,797)
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		
24. Surplus, December 31, current year (Page 3, Line 21)		1,568,999
DETAILS OF WRITE-INS		
01.301. Participant transfers from general account	16,202,327	10,115,679
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)	16,202,327	10,115,679
0401. Miscellaneous income	12,334	(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)	12,334	(82,290)
06.701. Participant transfers to general account	52,472,362	49,979,348
06.702. Cost of insurance	9,838,706	9,028,831
06.703. Miscellaneous gains and losses	(649,019)	(113,200)
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)	61,662,049	58,894,979
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.		
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)		

ANNUAL STATEMENT FOR THE YEAR 2020 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	228,786,725	37,935,576	14,275,896	176,575,253			
1.2 Considerations for supplementary contracts with life contingencies		XXX	XXX			XXX	
1.3 Aggregate write-ins for other transfers to Separate Accounts	16,202,327	5,454,064	432,623	10,315,640			
1.4 Totals (Lines 1.1 to 1.3)	244,989,052	43,389,640	14,708,519	186,890,893			
2. Transfers on account of deposit-type contracts (including \$17,084,848 deposits less \$415,259,440 withdrawals)	(398,174,593)			8,165,925	(406,340,518)		
3. Net investment income and capital gains and losses	462,851,686	47,746,109	23,620,789	374,767,072	16,717,716		
4. Aggregate write-ins for other income	12,334				12,334		
5. Totals (Lines 1.4 to 4)	309,678,479	91,135,749	38,329,308	569,823,890	(389,610,468)		
DEDUCT:							
6. Transfers from the Separate Account on account of contract benefits:							
6.1 Death benefits	284,656	284,656				XXX	
6.2 Matured endowments						XXX	
6.3 Annuity benefits	30,972,502	XXX	XXX	30,972,502		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	101,159,080	5,025,039	814,206	95,319,835		XXX	
6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits	61,662,049	10,005,504	6,834,497	44,822,048			
7. Transfers on account of policy loans	2,260,386	1,799,504	460,882			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	(860,237)	(103,082)	(757,155)			XXX	
9.3 Aggregate write-ins for other transfers from Separate Accounts							
10. Subtotals (Lines 6.1 to 9.3)	195,478,436	17,011,621	7,352,430	171,114,385			
11. Fees associated with charges for investment management, administration and contract guarantees	18,873,089	2,727,393	3,867,636	12,051,649	226,411		
12. Increase in aggregate reserve for life and accident and health contracts	468,113,280	71,396,737	27,109,242	369,607,302			
13. Increase in liability for deposit-type contracts	(371,217,327)			17,050,553	(388,267,880)	XXX	
14. Increase in reserve for future federal income taxes							
15. Aggregate write-ins for reserves and funds							
16. Totals (Lines 10 to 15)	311,247,478	91,135,751	38,329,308	569,823,889	(388,041,469)		
17. Net gain from operations (including \$265,119,737 unrealized capital gains) (Line 5 minus Line 16)	(1,568,999)				(1,568,999)		
18. Policies/certificates in force end of year	19,060	2,064	638	16,358			
DETAILS OF WRITE-INS							
01.301. Participant transfers from general account	16,202,327	5,454,064	432,623	10,315,640			
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)	16,202,327	5,454,064	432,623	10,315,640			
0401. Miscellaneous income	12,334				12,334		
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)	12,334				12,334		
06.701. Participant transfers to general account	52,472,362	5,254,994	1,806,079	45,411,289			
06.702. Cost of insurance	9,838,706	4,755,033	5,083,673				
06.703. Miscellaneous gains and losses	(649,019)	(4,523)	(55,255)	(589,241)			
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)	61,662,049	10,005,504	6,834,497	44,822,048			
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 2020 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)	37,935,576	XXX							37,935,576	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	5,454,064	XXX							5,454,064	XXX	
1.4 Totals (Lines 1.1 to 1.3)	43,389,640	XXX							43,389,640	XXX	
2. Transfers on account of deposit-type contracts (including \$ deposits less \$ withdrawals)		XXX								XXX	
3. Net investment income and capital gains and losses	47,746,109	XXX							47,746,109	XXX	
4. Aggregate write-ins for other income		XXX								XXX	
5. Totals (Lines 1.4 to 4)	91,135,749	XXX							91,135,749	XXX	
DEDUCT:											
6. Transfers from the Separate Account on account of contract benefits:											
6.1 Death benefits	284,656	XXX							284,656	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	5,025,039	XXX							5,025,039	XXX	
6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits	10,005,502	XXX							10,005,502	XXX	
7. Transfers on account of policy loans	1,799,504	XXX							1,799,504	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	(103,082)	XXX							(103,082)	XXX	
9.3 Aggregate write-ins for other transfers from Separate Accounts		XXX								XXX	
10. Subtotals (Lines 6.1 to 9.3)	17,011,619	XXX							17,011,619	XXX	
11. Fees associated with charges for investment management, administration and contract guarantees	2,727,393	XXX							2,727,393	XXX	
12. Increase in aggregate reserve for life and accident and health contracts	71,396,737	XXX							71,396,737	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)	91,135,749	XXX							91,135,749	XXX	
17. Net gain from operations (including \$ 27,348,795 unrealized capital gains) (Line 5 minus Line 16)		XXX								XXX	
18. Policies/certificates in force end of year	2,064	XXX							2,064	XXX	
DETAILS OF WRITE-INS											
01.301. Participant transfers from general account	5,454,064	XXX							5,454,064	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)	5,454,064	XXX							5,454,064	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 general account	5,254,993	XXX							5,254,993	XXX	
06.702. Cost of insurance	4,755,032	XXX							4,755,032	XXX	
06.703. Miscellaneous gains and losses	(4,523)	XXX							(4,523)	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)	10,005,502	XXX							10,005,502	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 2020 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)	14,275,896					14,275,896	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	432,623					432,623	XXX	
1.4 Totals (Lines 1.1 to 1.3)	14,708,519					14,708,519	XXX	
2. Transfers on account of deposit-type contracts (including \$ deposits less \$ withdrawals)							XXX	
3. Net investment income and capital gains and losses	23,620,789					23,620,789	XXX	
4. Aggregate write-ins for other income							XXX	
5. Totals (Lines 1.4 to 4)	38,329,308					38,329,308	XXX	
DEDUCT:								
6. Transfers from the Separate Account on account of contract benefits:							XXX	
6.1 Death benefits							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	814,206					814,206	XXX	
6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits	6,834,497					6,834,497	XXX	
7. Transfers on account of policy loans	460,882					460,882	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	(757,155)					(757,155)	XXX	
9.3 Aggregate write-ins for other transfers from Separate Accounts							XXX	
10. Subtotals (Lines 6.1 to 9.3)	7,352,430					7,352,430	XXX	
11. Fees associated with charges for investment management, administration and contract guarantees	3,867,636					3,867,636	XXX	
12. Increase in aggregate reserve for life and accident and health contracts	27,109,242					27,109,242	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)	38,329,308					38,329,308	XXX	
17. Net gain from operations (including \$ 13,525,033 unrealized capital gains) (Line 5 minus Line 16)							XXX	
18. Policies/certificates in force end of year	638					638	XXX	
DETAILS OF WRITE-INS								
01.301. Participant transfers from general account	432,623					432,623	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)	432,623					432,623	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	5,083,672					5,083,672	XXX	
06.702. Participant transfers to general account	1,806,080					1,806,080	XXX	
06.703. Miscellaneous gains and losses	(55,255)					(55,255)	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)	6,834,497					6,834,497	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 2020 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	176,575,253			176,575,253			
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	10,315,640			10,315,640			
1.4 Totals (Lines 1.1 to 1.3)	186,890,893			186,890,893			
2. Transfers on account of deposit-type contracts (including \$	17,084,848	deposits less \$	8,918,922				
withdrawals)	8,165,925						8,165,925
3. Net investment income and capital gains and losses	374,767,072			361,054,730		4,735,809	8,976,533
4. Aggregate write-ins for other income							
5. Totals (Lines 1.4 to 4)	569,823,890			547,945,623		4,735,809	17,142,458
DEDUCT:							
6. Transfers from the Separate Account on account of contract benefits:							
6.1 Death benefits							
6.2 Matured endowments							
6.3 Annuity benefits	30,972,502			29,231,991		1,740,511	
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	95,319,835			95,319,835			
6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits	44,822,048			44,831,030		(4,755)	(4,227)
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)	171,114,385			169,382,856		1,735,756	(4,227)
11. Fees associated with charges for investment management, administration and contract guarantees	12,051,649			11,847,370		108,148	96,131
12. Increase in aggregate reserve for life and accident and health contracts	369,607,302			366,715,397		2,891,905	
13. Increase in liability for deposit-type contracts	17,050,554						17,050,554
14. Increase in reserve for future federal income taxes							
15. Aggregate write-ins for reserves and funds							
16. Totals (Lines 10 to 15)	569,823,890			547,945,623		4,735,809	17,142,458
17. Net gain from operations (including \$	214,865,195	unrealized capital gains) (Line 5 minus Line 16)					
18. Policies/certificates in force end of year	16,358			16,246		112	
DETAILS OF WRITE-INS							
01.301. Participant transfers from general account	10,315,640			10,315,640			
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)	10,315,640			10,315,640			
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 general account	45,411,289			45,411,289			
06.702. Miscellaneous gains and losses	(589,241)			(580,259)		(4,755)	(4,227)
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)	44,822,048			44,831,030		(4,755)	(4,227)
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 2020 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 \$ deposits less \$ 406,340,518 withdrawals)	(406,340,518)						(406,340,518)
3. Net investment income and capital gains and losses	16,717,716						16,717,716
4. Aggregate write-ins for other income	12,334						12,334
5. Totals (Lines 1.4 to 4)	(389,610,468)						(389,610,468)
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	226,411						226,411
12. Increase in aggregate reserve for life and accident and health contracts							
13. Increase in liability for deposit-type contracts	(388,267,880)						(388,267,880)
14. Increase in reserve for future federal income taxes							
15. Aggregate write-ins for reserves and funds							
16. Totals (Lines 10 to 15)	(388,041,469)						(388,041,469)
17. Net gain from operations (including \$ 9,580,714 unrealized capital gains) (Line 5 minus Line 16)	(1,568,999)						(1,568,999)
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	12,334						12,334
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)	12,334						12,334
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 2020 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - 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										
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 2020 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	339,369,445	XXX							339,369,445	XXX	
2. Tabular net premiums and considerations for annuities and supplementary contracts with life contingencies	37,935,576	XXX							37,935,576	XXX	
3. Increase or (decrease) from investment results after provision for federal income taxes	47,746,109	XXX							47,746,109	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)	103,082	XXX							103,082	XXX	
7. Totals (Lines 1 to 6)	425,154,212	XXX							425,154,212	XXX	
8. Net transfer of reserves from or (to) Separate Accounts	4,551,440	XXX							4,551,440	XXX	
9. Tabular cost		XXX								XXX	
10. Reserves released by death	284,656	XXX							284,656	XXX	
11. Reserves released by other terminations (net)	6,824,543	XXX							6,824,543	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	2,727,393	XXX							2,727,393	XXX	
14. Aggregate write-ins for other decreases in reserves		XXX								XXX	
15. Total deductions (Lines 8 to 14)	14,388,032	XXX							14,388,032	XXX	
16. Reserve December 31 of current year	410,766,180	XXX							410,766,180	XXX	
Cash Surrender Value and Policy Loans											
17. CSV ending balance December 31, current year	410,766,180	XXX							410,766,180	XXX	
18. Amount available for policy loans based upon Line 17 CSV		XXX								XXX	
DETAILS OF WRITE-INS											
1401.		XXX								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)		XXX								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 2020 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	163,846,168					163,846,168	XXX	
2. Tabular net premiums and considerations	14,275,896					14,275,896	XXX	
3. Increase or (decrease) from investment results after provision for federal income taxes	23,620,788					23,620,788	XXX	
4. Tabular less actual reserve released							XXX	
5. Increase in reserve on account of change in valuation basis							XXX	
6. Other increases (net)	757,155					757,155	XXX	
7. Totals (Lines 1 to 6)	202,500,007					202,500,007	XXX	
8. Net transfer of reserves from or (to) Separate Accounts	6,401,874					6,401,874	XXX	
9. Tabular cost						XXX	XXX	
10. Reserves released by death							XXX	
11. Reserves released by other terminations (net)	1,275,087					1,275,087	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	3,867,636					3,867,636	XXX	
14. Aggregate write-ins for other decreases in reserves							XXX	
15. Total deductions (Lines 8 to 14)	11,544,597					11,544,597	XXX	
16. Reserve December 31 of current year	190,955,410					190,955,410	XXX	
Cash Surrender Value and Policy Loans								
17. CSV ending balance December 31, current year	190,955,410					190,955,410	XXX	
18. Amount available for policy loans based upon line 17 CSV							XXX	
DETAILS OF WRITE-INS								
1401.							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)							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 2020 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	3,050,820,612			3,025,681,814		25,138,798	
2. Tabular net premiums and considerations	176,575,253			176,575,253			
3. Increase or (decrease) from investment results after provision for federal income taxes	365,790,538			361,054,731		4,735,807	
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)	3,593,186,403			3,563,311,798		29,874,605	
8. Net transfer of reserves from or (to) Separate Accounts	34,510,636			34,515,391		(4,755)	
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	126,292,337			124,551,827		1,740,510	
13. Charges for investment management, administration and contract guarantees	11,955,518			11,847,370		108,148	
14. Aggregate write-ins for other decreases in reserves							
15. Total deductions (Lines 8 to 14)	172,758,491			170,914,588		1,843,903	
16. Reserve December 31 of current year	3,420,427,912			3,392,397,210		28,030,702	
Cash Surrender Value and Policy Loans							
17. CSV ending balance December 31, current year	3,420,427,912			3,392,397,210		28,030,702	
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.

Analysis of Increase in Reserves During the Year - Group Annuities

N O N E

Analysis of Reserves During the Year - Accident and Health

N O N E

EXHIBIT OF NET INVESTMENT INCOME

		1	2
		Collected During Year	Earned During Year
1.	U.S. Government bonds	(a) .....153,002	.....40,986
1.1	Bonds exempt from U.S. tax	(a) .....	.....
1.2	Other bonds (unaffiliated)	(a) .....3,442,897	.....993,773
1.3	Bonds of affiliates	(a) .....	.....
2.1	Preferred stocks (unaffiliated)	(b) .....	.....
2.11	Preferred stocks of affiliates	(b) .....	.....
2.2	Common stocks (unaffiliated) .....	.....128,598,016	.....128,598,016
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) .....20,882	.....6,718
7	Derivative instruments	(f) .....	.....
8.	Other invested assets .....	.....	.....
9.	Aggregate write-ins for investment income .....	.....157	.....15,676,388
10.	Total gross investment income	132,214,954	145,315,881
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)		145,315,881
DETAILS OF WRITE-INS			
0901.	Amortization of IMR .....		.....15,676,231
0902.	Miscellaneous investment income .....	.....157	.....157
0903.	.....		.....
0998.	Summary of remaining write-ins for Line 9 from overflow page .....		.....
0999.	Totals (Lines 0901 thru 0903 plus 0998) (Line 9, above) .....	.....157	.....15,676,388
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 \$19,067 accrual of discount less \$28,621 amortization of premium and less \$47,865 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 \$4,602 accrual of discount less \$ amortization of premium and less \$ 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	103,249		103,249		
1.1	Bonds exempt from U.S. tax					
1.2	Other bonds (unaffiliated)	9,432,228		9,432,228		
1.3	Bonds of affiliates					
2.1	Preferred stocks (unaffiliated)					
2.11	Preferred stocks of affiliates					
2.2	Common stocks (unaffiliated)	52,416,068		52,416,068	265,119,737	
2.21	Common stocks of affiliates					
3.	Mortgage loans					
4.	Real estate					
5.	Contract loans					
6.	Cash, cash equivalents and short-term investments	156		156		
7.	Derivative instruments					
8.	Other invested assets					
9.	Aggregate write-ins for capital gains (losses)	(9,535,633)		(9,535,633)		
10.	Total capital gains (losses)	52,416,068		52,416,068	265,119,737	
DETAILS OF WRITE-INS						
0901.	Capital gains transferred to Interest Maintenance Reserve	(9,535,633)		(9,535,633)		
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)	(9,535,633)		(9,535,633)		

Exhibit 1

N O N E

Exhibit 2

N O N E

EXHIBIT 3 - AGGREGATE RESERVE FOR LIFE, ANNUITY AND ACCIDENT AND HEALTH CONTRACTS

(a) Included in the above table are amounts of deposit-type contracts that originally contained a mortality risk. Amounts of deposit-type contracts that no longer contain a mortality risk in Column 2 are: Life Insurance \$; Annuities \$662,442 ; Supplementary Contracts with Life Contingencies \$534 ; Accident and Health Contracts \$; Miscellaneous Reserves \$

1.1	Has the reporting entity ever issued both participating and non-participating variable life insurance contracts?.....	Yes []	No [X]
2.1	Does the reporting entity at present issue both participating and non-participating variable life insurance contracts?.....	Yes []	No [X]
2.2	If not, state which kind is issued		
	Non-Participating		
3.1	Is any surrender value promised in excess of the reserve as legally computed?	Yes []	No [X] N/A []
3.2	If so, the amount of such excess must be included in surrender values in excess of reserves otherwise required and carried in this schedule. Has this been done?	Yes []	No [] N/A [X]
	Attach a statement of methods employed in the valuation of variable life insurance contracts issued at, or subsequently subject to, an extra premium or in the valuation of contracts otherwise issued on lives classified as substandard for the plan of contract issued or on special class lives (including paid-up variable life insurance).		

(Including supplementary contracts set up on a basis other than that used to determine benefits)

NONE

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	421,719,892	388,267,880	26,038,254	7,413,758		
2. Deposits received during the year	17,084,848		15,037,022	2,047,826		
3. Investment earnings credited to account	20,974,643	18,072,638	2,176,504	725,501		
4. Other net change in reserves						
5. Fees and other charges assessed						
6. Surrender charges						
7. Net surrender or withdrawal payments	415,259,440	406,340,518	7,387,179	1,531,743		
8. Other net transfer to or (from) general account	(5,982,622)		(5,061,031)	(921,591)		
9. Balance at the end of current year (Lines 1+2+3+4-5-6-7-8)	50,502,565		40,925,632	9,576,933		

ANNUAL STATEMENT FOR THE YEAR 2020 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		228,786,725
1.2 Aggregate write-ins for other transfers to Separate Accounts		16,202,327
2. Deposits on deposit-type contract funds and other liabilities without life or disability contingencies		17,084,848
3. Investment income collected		132,223,287
4. Consideration on disposal of short-term bonds net of purchases		2,498,583
5. Consideration on disposal of investments (excluding short-term bonds)		1,682,755,562
6. Aggregate write-ins for other increases in funds from operations		
7. Total (Lines 1 to 6)		2,079,551,332
8. Cost of investments acquired (excluding short-term bonds)		1,448,835,488
9. Transfers from Separate Accounts on account of contract benefits:		
9.1 Death benefits		284,656
9.2 Matured endowments		
9.3 Annuity benefits		30,972,502
9.4 Supplementary contract benefits with life contingencies		
9.5 Accident and health benefits		
9.6 Surrender benefits and withdrawals for life contracts		101,159,080
9.7 Policy loans (net)		2,260,386
9.8 Transfers of reserves (net)		(860,237)
9.9 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits		61,662,049
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		415,259,440
12. Investment expenses (Exhibit 1, Line 25)		
12.1 Fees associated with investment management, administration and contract guarantees		18,873,089
13. Investment taxes, licenses and fees, excluding federal income taxes (Exhibit 2, Line 9)		
14. Total (Lines 8 to 13)		2,078,446,453
15. Funds from operations (Line 7 minus Line 14)		1,104,879
16. Surplus contributed or (withdrawn) during year		
17. Aggregate write-ins for other changes in funds		
18. Total funds (includes \$ net transfers from general account) (Lines 15 to 17)		1,104,879
19. Increase in payable for investments acquired, net of receivable for investments sold		
20. Decrease in policy loans		
21. Aggregate write-ins for other reconciling items		(2,258,665)
22. Increase in cash (Line 18 to 21)		(1,153,786)
RECONCILIATION BETWEEN YEARS		
23. Cash and invested assets, December 31st of prior year		3,986,560,030
24. Increase in cash (Line 22)		(1,153,786)
25. Cost of invested assets acquired		1,448,835,487
26. Adjusted cost of assets disposed of		1,623,283,307
27. Increase in policy loans		
28. Accrual of discount less amortization of premium		(8,332)
29. Depreciation on real estate and other invested assets		
30. Increase in net unrealized gains		265,119,737
31. Aggregate write-ins for other reconciling items		
32. Cash and invested assets, December 31st of current year		4,076,069,829
DETAILS OF WRITE-INS		
01.201. Participant transfers from general account		16,202,327
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)		16,202,327
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 general account		52,472,362
09.902. Cost of insurance		9,838,706
09.903. Miscellaneous gains and losses		(649,019)
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)		61,662,049
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		(2,258,665)
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)		(2,258,665)
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	232,381,980	5.7
1.2 Annuities	3,420,427,912	83.9
1.3 Supplementary contracts with life contingencies		
1.4 Accident and health		
1.5 Miscellaneous reserves		
1.6 Total	3,652,809,892	89.6
2. Liability for deposit-type contracts (included in Exhibit 4):		
2.1 Guaranteed interest contracts		
2.2 Annuities certain	40,925,632	1.0
2.3 Supplemental contracts	9,576,933	0.2
2.4 Dividend accumulations or refunds		
2.5 Premium and other deposit funds		
2.6 Total	50,502,565	1.2
3. Other liabilities (included in Page 3, Lines 4, 10, 13 & 14)	8,608,127	0.2
4. Total liabilities associated with guarantees (Lines 1.6 + 2.6 + 3)	3,711,920,584	91.1
5. Total liabilities not associated with guarantees	364,149,247	8.9
6. Total Separate Accounts liabilities (Lines 4 + 5 = Page 3, Line 17)	4,076,069,831	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	3,469,484,235		YES		314,573	
TC LIFE VLI-1	369,280,678		NO			
TC LIFE VLI-2	237,304,919		YES			
Totals	4,076,069,832		XXX		314,573	

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)
Totals			

- 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.....\$ 18,873,089

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		314,573	
1.092 1 Year - 3 Years			
1.093 Over 3 Years - 5 Years			
1.094 Over 5 Years			
1.095 Total		314,573	
- 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 ☒
- 1.112 Other Fees and Expenses.....

Yes ☒ No ☐ N/A ☐
- 1.113 Additional Required Surplus Amounts

Yes ☐ No ☐ N/A ☒

Separate Account Products with General Account Guarantees

- 2.1 Does the reporting entity have products with guarantees provided by the general account? Yes ☒ No ☐
- 2.2 Has the separate account collected amounts from the general account within the past five years related to separate account guarantees? Yes ☒ 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, 2020	\$1,157,056
2.302	As of December 31, 2019	\$268,782
2.303	As of December 31, 2018	\$289,531
2.304	As of December 31, 2017	\$(42,141)
2.305	As of December 31, 2016	\$465,918

- 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 ☒
- 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, 2020	\$
2.602	As of December 31, 2019	\$
2.603	As of December 31, 2018	\$
2.604	As of December 31, 2017	\$
2.605	As of December 31, 2016	\$

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 ☒
- 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%)	2,336,929,922	4,666,857
Canadian (Aggregate amount not to exceed 10%)	1,168,464,961	414,964,973
Investments in foreign countries rated in one of the four highest rating categories (Aggregate amount not to exceed 20%)	2,336,929,922	1,392,488,596
Investments in other foreign countries (Aggregate amount not to exceed 6%)	701,078,977	90,747,107
Category 3-6 Bonds (20% in aggregate)	2,336,929,922	5,478,860
Category 4-6 Bonds (10% in aggregate)	1,168,464,961	405,640
Category 5-6 Bonds (3% in aggregate)	350,539,488	405,640
Category 6 Bonds (1% in aggregate)	116,846,496	
.....		

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 ☒

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 [X] No []
- 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 Yes [] No []
- 5.22 Other Measurement Methods..... Yes [] No []
- 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	\$4,076,069,831	.....100.0 %
5.42 Amortized Cost	\$	%
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... \$	\$	\$

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
.....

FORM FOR CALCULATING THE INTEREST MAINTENANCE RESERVE

INTEREST MAINTENANCE RESERVE		1
		Amount
1.	Reserve as of December 31, Prior Year	6,140,598
2.	Current year's realized pre-tax capital gains/(losses) of \$9,535,633 transferred into the reserve net of taxes of \$	9,535,633
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)	15,676,231
5.	Current year's amortization released to Summary of Operations (Amortization, Line 1, Column 4)	15,676,231
6.	Reserve as of December 31, current year (Line 4 minus Line 5)	

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. 2020	2,132,321	9,535,633		11,667,954
2. 2021	1,680,281			1,680,281
3. 2022	1,077,776			1,077,776
4. 2023	744,630			744,630
5. 2024	327,099			327,099
6. 2025	51,320			51,320
7. 2026	39,485			39,485
8. 2027	29,076			29,076
9. 2028	19,393			19,393
10. 2029	9,957			9,957
11. 2030	5,426			5,426
12. 2031	4,733			4,733
13. 2032	4,019			4,019
14. 2033	3,431			3,431
15. 2034	3,147			3,147
16. 2035	2,690			2,690
17. 2036	2,311			2,311
18. 2037	1,853			1,853
19. 2038	1,208			1,208
20. 2039	439			439
21. 2040				
22. 2041				
23. 2042				
24. 2043				
25. 2044				
26. 2045				
27. 2046				
28. 2047				
29. 2048				
30. 2049				
31. 2050 and Later				
32. Total (Lines 1 to 31)	6,140,595	9,535,633		15,676,228

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		XXX	XXX							
2.1	1	NAIC Designation Category 1.A		XXX	XXX							
2.2	1	NAIC Designation Category 1.B		XXX	XXX							
2.3	1	NAIC Designation Category 1.C		XXX	XXX							
2.4	1	NAIC Designation Category 1.D		XXX	XXX							
2.5	1	NAIC Designation Category 1.E		XXX	XXX							
2.6	1	NAIC Designation Category 1.F		XXX	XXX							
2.7	1	NAIC Designation Category 1.G		XXX	XXX							
2.8		Subtotal NAIC 1 (2.1+2.2+2.3+2.4+2.5+2.6+2.7)		XXX	XXX		XXX		XXX		XXX	
3.1	2	NAIC Designation Category 2.A		XXX	XXX							
3.2	2	NAIC Designation Category 2.B		XXX	XXX							
3.3	2	NAIC Designation Category 2.C		XXX	XXX							
3.4		Subtotal NAIC 2 (3.1+3.2+3.3)		XXX	XXX		XXX		XXX		XXX	
4.1	3	NAIC Designation Category 3.A		XXX	XXX							
4.2	3	NAIC Designation Category 3.B		XXX	XXX							
4.3	3	NAIC Designation Category 3.C		XXX	XXX							
4.4		Subtotal NAIC 3 (4.1+4.2+4.3)		XXX	XXX		XXX		XXX		XXX	
5.1	4	NAIC Designation Category 4.A		XXX	XXX							
5.2	4	NAIC Designation Category 4.B		XXX	XXX							
5.3	4	NAIC Designation Category 4.C		XXX	XXX							
5.4		Subtotal NAIC 4 (5.1+5.2+5.3)		XXX	XXX		XXX		XXX		XXX	
6.1	5	NAIC Designation Category 5.A		XXX	XXX							
6.2	5	NAIC Designation Category 5.B		XXX	XXX							
6.3	5	NAIC Designation Category 5.C		XXX	XXX							
6.4		Subtotal NAIC 5 (6.1+6.2+6.3)		XXX	XXX		XXX		XXX		XXX	
7.	6	NAIC 6		XXX	XXX							
8.		Total Unrated Multi-class Securities Acquired by Conversion		XXX	XXX		XXX		XXX		XXX	
9.		Total Long-Term Bonds (1+2.8+3.4+4.4+5.4+6.4+7+8)		XXX	XXX		XXX		XXX		XXX	
PREFERRED STOCKS												
10.	1	Highest Quality		XXX	XXX							
11.	2	High Quality		XXX	XXX							
12.	3	Medium Quality		XXX	XXX							
13.	4	Low Quality		XXX	XXX							
14.	5	Lower Quality		XXX	XXX							
15.	6	In or Near Default		XXX	XXX							
16.		Affiliated Life with AVR		XXX	XXX							
17.		Total Preferred Stocks (Sum of Lines 10 through 16)		XXX	XXX		XXX		XXX		XXX	

ASSET VALUATION RESERVE (Continued)
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)
18.		SHORT-TERM BONDS										
		Exempt Obligations		XXX	XXX							
19.1	1	NAIC Designation Category 1.A		XXX	XXX							
19.2	1	NAIC Designation Category 1.B		XXX	XXX							
19.3	1	NAIC Designation Category 1.C		XXX	XXX							
19.4	1	NAIC Designation Category 1.D		XXX	XXX							
19.5	1	NAIC Designation Category 1.E		XXX	XXX							
19.6	1	NAIC Designation Category 1.F		XXX	XXX							
19.7	1	NAIC Designation Category 1.G		XXX	XXX							
19.8		Subtotal NAIC 1 (19.1+19.2+19.3+19.4+19.5+19.6+19.7)		XXX	XXX		XXX		XXX		XXX	
20.1	2	NAIC Designation Category 2.A		XXX	XXX							
20.2	2	NAIC Designation Category 2.B		XXX	XXX							
20.3	2	NAIC Designation Category 2.C		XXX	XXX							
20.4		Subtotal NAIC 2 (20.1+20.2+20.3)		XXX	XXX		XXX		XXX		XXX	
21.1	3	NAIC Designation Category 3.A		XXX	XXX							
21.2	3	NAIC Designation Category 3.B		XXX	XXX							
21.3	3	NAIC Designation Category 3.C		XXX	XXX							
21.4		Subtotal NAIC 3 (21.1+21.2+21.3)		XXX	XXX		XXX		XXX		XXX	
22.1	4	NAIC Designation Category 4.A		XXX	XXX							
22.2	4	NAIC Designation Category 4.B		XXX	XXX							
22.3	4	NAIC Designation Category 4.C		XXX	XXX							
22.4		Subtotal NAIC 4 (22.1+22.2+22.3)		XXX	XXX		XXX		XXX		XXX	
23.1	5	NAIC Designation Category 5.A		XXX	XXX							
23.2	5	NAIC Designation Category 5.B		XXX	XXX							
23.3	5	NAIC Designation Category 5.C		XXX	XXX							
23.4		Subtotal NAIC 5 (23.1+23.2+23.3)		XXX	XXX		XXX		XXX		XXX	
24.	6	NAIC 6		XXX	XXX							
25.		Total Short-Term Bonds (18+19.8+20.4+21.4+22.4+23.4+24)		XXX	XXX		XXX		XXX		XXX	
DERIVATIVE INSTRUMENTS												
26.		Exchange Traded		XXX	XXX							
27.	1	Highest Quality		XXX	XXX							
28.	2	High Quality		XXX	XXX							
29.	3	Medium Quality		XXX	XXX							
30.	4	Low Quality		XXX	XXX							
31.	5	Lower Quality		XXX	XXX							
32.	6	In or Near Default		XXX	XXX							
33.		Total Derivative Instruments		XXX	XXX		XXX		XXX		XXX	
34.		Total (Lines 9 + 17 + 25 + 33)		XXX	XXX		XXX		XXX		XXX	

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							
36.		Farm Mortgages - CM2 - High Quality			XXX							
37.		Farm Mortgages - CM3 - Medium Quality			XXX							
38.		Farm Mortgages - CM4 - Low Medium Quality			XXX							
39.		Farm Mortgages - CM5 - Low Quality			XXX							
40.		Residential Mortgages - Insured or Guaranteed			XXX							
41.		Residential Mortgages - All Other			XXX							
42.		Commercial Mortgages - Insured or Guaranteed			XXX							
43.		Commercial Mortgages - All Other - CM1 - Highest Quality			XXX							
44.		Commercial Mortgages - All Other - CM2 - High Quality			XXX							
45.		Commercial Mortgages - All Other - CM3 - Medium Quality			XXX							
46.		Commercial Mortgages - All Other - CM4 - Low Medium Quality			XXX							
47.		Commercial Mortgages - All Other - CM5 - Low Quality			XXX							
		Overdue, Not in Process:										
48.		Farm Mortgages			XXX							
49.		Residential Mortgages - Insured or Guaranteed			XXX							
50.		Residential Mortgages - All Other			XXX							
51.		Commercial Mortgages - Insured or Guaranteed			XXX							
52.		Commercial Mortgages - All Other			XXX							
		In Process of Foreclosure:										
53.		Farm Mortgages			XXX							
54.		Residential Mortgages - Insured or Guaranteed			XXX							
55.		Residential Mortgages - All Other			XXX							
56.		Commercial Mortgages - Insured or Guaranteed			XXX							
57.		Commercial Mortgages - All Other			XXX							
58.		Total Schedule B Mortgages (Sum of Lines 35 through 57)			XXX		XXX		XXX		XXX	
59.		Schedule DA Mortgages			XXX							
60.		Total Mortgage Loans on Real Estate (Lines 58 + 59)			XXX		XXX		XXX		XXX	

ASSET VALUATION RESERVE
BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS
EQUITY AND OTHER INVESTED ASSET 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)
COMMON STOCK												
1.		Unaffiliated - Public		XXX	XXX		0.0000		0.1580 (a)		0.1580 (a)	
2.		Unaffiliated - Private		XXX	XXX		0.0000		0.1945		0.1945	
3.		Federal Home Loan Bank		XXX	XXX		0.0000		0.0061		0.0097	
4.		Affiliated - Life with AVR		XXX	XXX		0.0000		0.0000		0.0000	
Affiliated - Investment Subsidiary:												
5.		Fixed Income - Exempt Obligations					XXX		XXX		XXX	
6.		Fixed Income - Highest Quality					XXX		XXX		XXX	
7.		Fixed Income - High Quality					XXX		XXX		XXX	
8.		Fixed Income - Medium Quality					XXX		XXX		XXX	
9.		Fixed Income - Low Quality					XXX		XXX		XXX	
10.		Fixed Income - Lower Quality					XXX		XXX		XXX	
11.		Fixed Income - In/Near Default					XXX		XXX		XXX	
12.		Unaffiliated Common Stock - Public					0.0000		0.1580 (a)		0.1580 (a)	
13.		Unaffiliated Common Stock - Private					0.0000		0.1945		0.1945	
14.		Real Estate					(b)		(b)		(b)	
15.		Affiliated - Certain Other (See SVO Purposes and Procedures Manual)		XXX	XXX		0.0000		0.1580		0.1580	
16.		Affiliated - All Other		XXX	XXX		0.0000		0.1945		0.1945	
17.		Total Common Stock (Sum of Lines 1 through 16)					XXX		XXX		XXX	
REAL ESTATE												
18.		Home Office Property (General Account only)					0.0000		0.0912		0.0912	
19.		Investment Properties					0.0000		0.0912		0.0912	
20.		Properties Acquired in Satisfaction of Debt					0.0000		0.1337		0.1337	
21.		Total Real Estate (Sum of Lines 18 through 20)					XXX		XXX		XXX	
OTHER INVESTED ASSETS												
INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF BONDS												
22.		Exempt Obligations		XXX	XXX		0.0000		0.0000		0.0000	
23.	1	Highest Quality		XXX	XXX		0.0005		0.0016		0.0033	
24.	2	High Quality		XXX	XXX		0.0021		0.0064		0.0106	
25.	3	Medium Quality		XXX	XXX		0.0099		0.0263		0.0376	
26.	4	Low Quality		XXX	XXX		0.0245		0.0572		0.0817	
27.	5	Lower Quality		XXX	XXX		0.0630		0.1128		0.1880	
28.	6	In or Near Default		XXX	XXX		0.0000		0.2370		0.2370	
29.		Total with Bond Characteristics (Sum of Lines 22 through 28)		XXX	XXX		XXX		XXX		XXX	

ASSET VALUATION RESERVE (Continued)
BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS
EQUITY AND OTHER INVESTED ASSET 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)
		INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF PREFERRED STOCKS										
30.	1	Highest Quality		XXX	XXX		0.0005		0.0016		0.0033	
31.	2	High Quality		XXX	XXX		0.0021		0.0064		0.0106	
32.	3	Medium Quality		XXX	XXX		0.0099		0.0263		0.0376	
33.	4	Low Quality		XXX	XXX		0.0245		0.0572		0.0817	
34.	5	Lower Quality		XXX	XXX		0.0630		0.1128		0.1880	
35.	6	In or Near Default		XXX	XXX		0.0000		0.2370		0.2370	
36.		Affiliated Life with AVR		XXX	XXX		0.0000		0.0000		0.0000	
37.		Total with Preferred Stock Characteristics (Sum of Lines 30 through 36)		XXX	XXX		XXX		XXX		XXX	
		INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF MORTGAGE LOANS										
		In Good Standing Affiliated:										
38.		Mortgages - CM1 - Highest Quality			XXX		0.0011		0.0057		0.0074	
39.		Mortgages - CM2 - High Quality			XXX		0.0040		0.0114		0.0149	
40.		Mortgages - CM3 - Medium Quality			XXX		0.0069		0.0200		0.0257	
41.		Mortgages - CM4 - Low Medium Quality			XXX		0.0120		0.0343		0.0428	
42.		Mortgages - CM5 - Low Quality			XXX		0.0183		0.0486		0.0628	
43.		Residential Mortgages - Insured or Guaranteed			XXX		0.0003		0.0007		0.0011	
44.		Residential Mortgages - All Other		XXX	XXX		0.0015		0.0034		0.0046	
45.		Commercial Mortgages - Insured or Guaranteed			XXX		0.0003		0.0007		0.0011	
		Overdue, Not in Process Affiliated:										
46.		Farm Mortgages			XXX		0.0480		0.0868		0.1371	
47.		Residential Mortgages - Insured or Guaranteed			XXX		0.0006		0.0014		0.0023	
48.		Residential Mortgages - All Other			XXX		0.0029		0.0066		0.0103	
49.		Commercial Mortgages - Insured or Guaranteed			XXX		0.0006		0.0014		0.0023	
50.		Commercial Mortgages - All Other			XXX		0.0480		0.0868		0.1371	
		In Process of Foreclosure Affiliated:										
51.		Farm Mortgages			XXX		0.0000		0.1942		0.1942	
52.		Residential Mortgages - Insured or Guaranteed			XXX		0.0000		0.0046		0.0046	
53.		Residential Mortgages - All Other			XXX		0.0000		0.0149		0.0149	
54.		Commercial Mortgages - Insured or Guaranteed			XXX		0.0000		0.0046		0.0046	
55.		Commercial Mortgages - All Other			XXX		0.0000		0.1942		0.1942	
56.		Total Affiliated (Sum of Lines 38 through 55)			XXX		XXX		XXX		XXX	
57.		Unaffiliated - In Good Standing With Covenants			XXX		(c)		(c)		(c)	
58.		Unaffiliated - In Good Standing Defeased With Government Securities			XXX		0.0011		0.0057		0.0074	
59.		Unaffiliated - In Good Standing Primarily Senior			XXX		0.0040		0.0114		0.0149	
60.		Unaffiliated - In Good Standing All Other			XXX		0.0069		0.0200		0.0257	
61.		Unaffiliated - Overdue, Not in Process			XXX		0.0480		0.0868		0.1371	
62.		Unaffiliated - In Process of Foreclosure			XXX		0.0000		0.1942		0.1942	
63.		Total Unaffiliated (Sum of Lines 57 through 62)			XXX		XXX		XXX		XXX	
64.		Total with Mortgage Loan Characteristics (Lines 56 + 63)			XXX		XXX		XXX		XXX	

ASSET VALUATION RESERVE (Continued)
BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS
EQUITY AND OTHER INVESTED ASSET 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)
INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF COMMON STOCK												
65.		Unaffiliated Public		XXX	XXX		0.0000		0.1580 (a)		0.1580 (a)	
66.		Unaffiliated Private		XXX	XXX		0.0000		0.1945		0.1945	
67.		Affiliated Life with AVR		XXX	XXX		0.0000		0.0000		0.0000	
68.		Affiliated Certain Other (See SVO Purposes & Procedures Manual)		XXX	XXX		0.0000		0.1580		0.1580	
69.		Affiliated Other - All Other		XXX	XXX		0.0000		0.1945		0.1945	
70.		Total with Common Stock Characteristics (Sum of Lines 65 through 69)		XXX	XXX		XXX		XXX		XXX	
INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF REAL ESTATE												
71.		Home Office Property (General Account only)					0.0000		0.0912		0.0912	
72.		Investment Properties					0.0000		0.0912		0.0912	
73.		Properties Acquired in Satisfaction of Debt					0.0000		0.1337		0.1337	
74.		Total with Real Estate Characteristics (Sum of Lines 71 through 73)					XXX		XXX		XXX	
LOW INCOME HOUSING TAX CREDIT INVESTMENTS												
75.		Guaranteed Federal Low Income Housing Tax Credit					0.0003		0.0006		0.0010	
76.		Non-guaranteed Federal Low Income Housing Tax Credit					0.0063		0.0120		0.0190	
77.		Guaranteed State Low Income Housing Tax Credit					0.0003		0.0006		0.0010	
78.		Non-guaranteed State Low Income Housing Tax Credit					0.0063		0.0120		0.0190	
79.		All Other Low Income Housing Tax Credit					0.0273		0.0600		0.0975	
80.		Total LIHTC (Sum of Lines 75 through 79)					XXX		XXX		XXX	
ALL OTHER INVESTMENTS												
81.		NAIC 1 Working Capital Finance Investments		XXX			0.0000		0.0042		0.0042	
82.		NAIC 2 Working Capital Finance Investments		XXX			0.0000		0.0137		0.0137	
83.		Other Invested Assets - Schedule BA		XXX			0.0000		0.1580		0.1580	
84.		Other Short-Term Invested Assets - Schedule DA		XXX			0.0000		0.1580		0.1580	
85.		Total All Other (Sum of Lines 81, 82, 83 and 84)		XXX			XXX		XXX		XXX	
86.		Total Other Invested Assets - Schedules BA & DA (Sum of Lines 29, 37, 64, 70, 74, 80 and 85)					XXX		XXX		XXX	

(a) Times the company's weighted average portfolio beta (Minimum .1215, Maximum .2431).
(b) Determined using the same factors and breakdowns used for directly owned real estate.
(c) This will be the factor associated with the risk category determined in the company generated worksheet.

ANNUAL STATEMENT FOR THE YEAR 2020 OF THE SEPARATE ACCOUNTS OF THE TIAA-CREF LIFE INSURANCE COMPANY

ASSET VALUATION RESERVE

BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS REPLICATIONS (SYNTHETIC) ASSETS

1 RSAT Number	2 Type	3 CUSIP	4 Description of Asset(s)	5 NAIC Designation or Other Description of Asset	6 Value of Asset	7 AVR Basic Contribution	8 AVR Reserve Objective	9 AVR Maximum Reserve
NONE								
0599999 - Total								

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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 16	
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	3,982,907,810
2.	Cost of bonds and stocks acquired, Part 3, Column 7	1,448,835,488
3.	Accrual of discount	19,067
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	380,071,728
	4.4. Part 4, Column 11	(114,951,991) 265,119,737
5.	Total gain (loss) on disposals, Part 4, Column 19	61,951,545
6.	Deduction consideration for bonds and stocks disposed of, Part 4, Column 7	1,682,735,197
7.	Deduct amortization of premium	28,621
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	
11.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10)	4,076,069,829
12.	Deduct total nonadmitted amounts	
13.	Statement value at end of current period (Line 11 minus Line 12)	4,076,069,829

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				
	2. Canada				
	3. Other Countries				
	4. Totals				
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				
Industrial and Miscellaneous, SVO Identified Funds, Unaffiliated Bank Loans and Hybrid Securities (unaffiliated)	8. United States				
	9. Canada				
	10. Other Countries				
	11. Totals				
Parent, Subsidiaries and Affiliates	12. Totals				
	13. Total Bonds				
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	4,076,069,836	4,076,069,836	3,440,327,829	
	21. Canada				
	22. Other Countries				
	23. Totals	4,076,069,836	4,076,069,836	3,440,327,829	
Parent, Subsidiaries and Affiliates	24. Totals				
	25. Total Common Stocks	4,076,069,836	4,076,069,836	3,440,327,829	
	26. Total Stocks	4,076,069,836	4,076,069,836	3,440,327,829	
	27. Total Bonds and Stocks	4,076,069,836	4,076,069,836	3,440,327,829	

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	2,498,428	2,498,428			
2. Cost of short-term investments acquired					
3. Accrual of discount	1,222	1,222			
4. Unrealized valuation increase (decrease)					
5. Total gain (loss) on disposals	155	155			
6. Deduct consideration received on disposals	2,499,805	2,499,805			
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)					
11. Deduct total nonadmitted amounts					
12. Statement value at end of current period (Line 10 minus Line 11)					

(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	1, 146, 328	1, 146, 328		
2. Cost of cash equivalents acquired	53, 124, 728	53, 124, 728		
3. Accrual of discount	3, 379	3, 379		
4. Unrealized valuation increase (decrease)				
5. Total gain (loss) on disposals				
6. Deduct consideration received on disposals	54, 274, 435	54, 274, 435		
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)				
11. Deduct total nonadmitted amounts				
12. Statement value at end of current period (Line 10 minus Line 11)				

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

Schedule A - Part 1 - Real Estate Owned

N O N E

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

N O N E

Schedule A - Part 3 - Real Estate Disposed

N O N E

Schedule B - Part 1 - Mortgage Loans Owned

N O N E

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

N O N E

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

N O N E

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

N O N E

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

N O N E

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

N O N E

Schedule D - Part 1 - Long Term Bonds Owned

N O N E

Schedule D - Part 2 - Section 1 - Preferred Stocks Owned

N O N E

ANNUAL STATEMENT FOR THE YEAR 2020 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, NAIC Design- ation Modifier and SVO Admini- strative Symbol
22544K-88-8	Credit Suisse Commodity Return Strat Port			62,547,000	211,400	3.380	211,407	194,641		2,563		19,538		19,538		12/21/2020	
246493-54-8	DELAWARE Del VIP Diversf Inc Ser Std 1			450,507,000	5,207,857	11.560	5,207,857	4,724,148		118,444		347,272		347,272		12/30/2020	
22544K-88-8	Credit Suisse Commodity Return Strat Port			25,605,000	86,544	3.380	86,544	82,937		318		3,562		3,562		12/30/2020	
246493-54-8	DELAWARE Del VIP Diversf Inc Ser Std 1			5,925,070,000	68,493,809	11.560	68,493,809	63,198,983		1,285,061		4,248,233		4,248,233		12/31/2020	
246493-67-0	DELAWARE Del VIP Sml Cap Val Ser Std 1			84,357,000	2,881,650	34.160	2,881,650	2,967,651		148,754		(98,466)		(98,466)		12/31/2020	
246493-54-8	DELAWARE Del VIP Diversf Inc Ser Std 1			316,573,000	3,659,582	11.560	3,659,582	3,399,155		59,985		214,417		214,417		12/28/2020	
246493-67-0	DELAWARE Del VIP Sml Cap Val Ser Std 1			931,670,000	31,825,852	34.160	31,825,852	30,051,844		1,404,474		1,127,595		1,127,595		12/31/2020	
41015H-71-1	John Hancock Emerging Markets Value Trust			292,185,000	2,822,503	9.660	2,822,503	2,718,915		57,823		169,110		169,110		12/30/2020	
246493-67-0	DELAWARE Del VIP Sml Cap Val Ser Std 1			98,759,000	3,373,599	34.160	3,373,599	3,199,213		133,568		99,689		99,689		12/31/2020	
41015H-71-1	John Hancock Emerging Markets Value Trust			4,594,246,000	44,380,417	9.660	44,380,417	40,378,954		876,894		3,619,654		3,619,654		12/31/2020	
552748-10-5	MFin M International Equity Fd			600,652,000	8,006,694	13.330	8,006,694	7,079,135		115,143		695,884		695,884		12/30/2020	
41015H-71-1	John Hancock Emerging Markets Value Trust			516,610,000	4,990,451	9.660	4,990,451	4,287,045		89,939		619,530		619,530		12/31/2020	
471021-43-6	Janus Henderson Mid-Cap Value Port Inst			528,949,000	8,484,345	16.040	8,484,345	7,919,732		193,677		334,944		334,944		12/31/2020	
552748-20-4	MFin M Large Cap Growth Fd			221,538,000	7,417,098	33.480	7,417,098	5,941,203		829,525		751,522		751,522		12/30/2020	
471021-43-6	Janus Henderson Mid-Cap Value Port Inst			73,379,000	1,177,007	16.040	1,177,007	1,090,095		23,329		56,572		56,572		12/28/2020	
471021-70-9	Janus Henderson Overseas Port Inst			50,830,000	1,942,220	38.210	1,942,220	1,536,598		19,726		326,874		326,874		12/31/2020	
552748-30-3	MFin M Capital Appreciation Fd			196,842,000	5,663,130	28.770	5,663,130	4,485,220		86,554		1,168,425		1,168,425		12/30/2020	
471021-70-9	Janus Henderson Overseas Port Inst			12,570,000	480,282	38.210	480,282	384,771		4,527		81,633		81,633		12/28/2020	
471021-86-5	Janus Henderson Forty Port Inst			300,024,000	17,101,376	57.000	17,101,376	13,178,853		732,062		3,406,314		3,406,314		12/31/2020	
552748-50-1	MFin M Business Opp Val Fd			279,585,000	3,360,617	12.020	3,360,617	3,447,505		90,272		(108,182)		(108,182)		12/30/2020	
471021-86-5	Janus Henderson Forty Port Inst			57,528,000	3,279,102	57.000	3,279,102	2,756,169		76,148		498,216		498,216		12/31/2020	
52467K-83-9	Legg Mason WA Var Global High Yield Bd 1			1,995,652,000	14,827,693	7.430	14,827,693	14,178,276		551,122		543,432		543,432		12/31/2020	
693394-58-7	PIMCO-PVIT EmglktBond Inst			22,313,000	299,888	13.440	299,888	279,088		11,785		10,208		10,208		12/31/2020	
52467K-83-9	Legg Mason WA Var Global High Yield Bd 1			103,237,000	767,052	7.430	767,052	730,189		28,582		31,917		31,917		12/31/2020	
52467M-84-3	Legg Mason Clrbrdg Var Sml Cap Grw Cl 1			165,275,000	6,049,080	36.600	6,049,080	4,834,593		366,275		1,232,843		1,232,843		12/31/2020	
693394-67-8	PIMCO-PVIT Gbl Bd Unhdgd Inst			36,408,000	443,819	12.190	443,819	427,638		10,398		30,235		30,235		12/31/2020	
52467M-84-3	Legg Mason Clrbrdg Var Sml Cap Grw Cl 1			43,389,000	1,588,046	36.600	1,588,046	1,420,607		76,708		167,131		167,131		12/28/2020	
52467X-20-3	Legg Mason Clrbrdg Var Aggres Growth Cl 1			1,161,606,000	34,894,653	30.040	34,894,653	31,131,600		3,052,544		2,535,635		2,535,635		12/31/2020	
693394-74-4	PIMCO-PVIT Real Return Inst			60,423,000	841,086	13.920	841,086	749,817		12,064		73,340		73,340		12/31/2020	
52467X-20-3	Legg Mason Clrbrdg Var Aggres Growth Cl 1			114,474,000	3,438,795	30.040	3,438,795	3,015,379		304,869		275,034		275,034		12/28/2020	
55273F-10-0	MFS-VIT Growth Series			15,280,000	1,127,831	73.810	1,127,831	887,620		47,606		171,163		171,163		12/01/2020	
693394-78-5	PIMCO VIT Tot Ret Port Inst			345,029,000	3,998,882	11.590	3,998,882	3,767,217		111,598		159,441		159,441		12/31/2020	
55273F-10-0	MFS-VIT Growth Series			2,268,000	167,374	73.810	167,374	124,711		9,206		30,401		30,401		12/28/2020	
641222-60-9	Neuberger Berman AMT Sustainable Equity I			77,076,000	2,365,453	30.690	2,365,453	1,950,103		93,854		376,099		376,099		12/31/2020	
87244V-86-4	TIAA-CREF Life Balanced			119,077,000	1,615,880	13.570	1,615,880	1,446,129		65,355		132,091		132,091		12/22/2020	
641222-60-9	Neuberger Berman AMT Sustainable Equity I			10,160,000	311,810	30.690	311,810	263,783		10,188		47,677		47,677		12/28/2020	
693394-58-7	PIMCO-PVIT EmglktBond Inst			3,029,672,000	40,718,798	13.440	40,718,798	38,990,911		1,549,342		1,307,020		1,307,020		12/31/2020	
87244V-87-2	TIAA-CREF Life Money Market			9,044,714,000	9,044,714	1.000	9,044,714	9,044,714								12/29/2020	
693394-58-7	PIMCO-PVIT EmglktBond Inst			197,661,000	2,656,560	13.440	2,656,560	2,500,283		95,055		102,454		102,454		12/31/2020	
693394-61-1	PIMCO-PVIT ComRIRetStrat Inst			261,881,000	1,579,140	6.030	1,579,140	1,520,548		63,439		77,173		77,173		12/31/2020	
921925-20-2	Vanguard Vanguard VIF TotBond Mkt Idx			831,472,000	10,651,151	12.810	10,651,151	9,865,877		229,901		450,569		450,569		12/24/2020	
693394-61-1	PIMCO-PVIT ComRIRetStrat Inst			73,282,000	441,890	6.030	441,890	408,130		18,029		34,118		34,118		12/30/2020	
693394-64-5	PIMCO-PVIT All Asset Fd Inst			554,321,000	6,208,397	11.200	6,208,397	5,898,471		178,162		257,475		257,475		12/31/2020	
921925-30-1	Vanguard WIF Equity Index			735,045,000	39,516,021	53.760	39,516,021	29,435,176		1,149,271		4,952,943		4,952,943		12/28/2020	
693394-64-5	PIMCO-PVIT All Asset Fd Inst			50,616,000	566,902	11.200	566,902	507,436		19,783		52,869		52,869		12/30/2020	
693394-67-8	PIMCO-PVIT Gbl Bd Unhdgd Inst			455,441,000	5,551,823	12.190	5,551,823	5,177,095		110,686		407,111		407,111		12/31/2020	
921925-80-6	Vanguard VIF High Yield Bond			283,257,000	2,300,050	8.120	2,300,050	2,189,770		107,841		19,683		19,683		12/28/2020	
693394-67-8	PIMCO-PVIT Gbl Bd Unhdgd Inst			39,363,000	479,833	12.190	479,833	443,042		6,206		36,786		36,786		12/31/2020	
693394-74-4	PIMCO-PVIT Real Return Inst			7,769,827,000	108,155,993	13.920	108,155,993	97,575,133		1,414,927		8,579,317		8,579,317		12/31/2020	
921925-82-2	Vanguard VIF Capital Growth			172,915,000	7,817,487	45.210	7,817,487	5,837,584		259,703		918,785		918,785		12/31/2020	
693394-74-4	PIMCO-PVIT Real Return Inst			429,333,000	5,976,320	13.920	5,976,320	5,424,454		74,616		453,965		453,965		12/31/2020	
74925K-42-5	Matson Money Fixed Income VI Port			1,063,050,000	27,235,345	25.620	27,235,345	26,678,213		172,598		493,520		493,520		12/31/2020	
921925-84-8	Vanguard VIF REIT Index			236,021,000	2,933,739	12.430	2,933,739	2,961,633		102,434		(208,221)		(208,221)		12/21/2020	
74925K-42-5	Matson Money Fixed Income VI Port			59,071,000	1,513,404	25.620	1,513,404	1,486,813		9,739		28,804		28,804		12/31/2020	

ANNUAL STATEMENT FOR THE YEAR 2020 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, NAIC Design- ation Modifier and SVO Admini- strative Symbol
74925K-43-3	Matson Money Intl Equity VI Port			768,949,000	18,731,593	24.360	18,731,593	16,488,462		378,882		1,992,526		1,992,526		12/31/2020	
921925-85-5	Vanguard VIF MidCap Index			364,546,000	9,394,361	25.770	9,394,361	7,883,410		408,483		1,079,299		1,079,299		12/23/2020	
74925K-43-3	Matson Money Intl Equity VI Port			72,855,000	1,774,756	24.360	1,774,756	1,426,255		37,248		345,383		345,383		12/29/2020	
74925K-44-1	Matson Money Market US Equity VI Port			868,791,000	25,507,698	29.360	25,507,698	22,267,868		989,040		2,911,662		2,911,662		12/31/2020	
921925-88-9	Vanguard VIF Small Cp Growth			226,638,000	5,550,367	24.490	5,550,367	4,527,042		336,543		921,969		921,969		12/23/2020	
74925K-44-1	Matson Money Market US Equity VI Port			75,841,000	2,226,681	29.360	2,226,681	1,765,498		89,329		452,780		452,780		12/29/2020	
78080T-10-5	Royce Small Cap Annuity Invest			961,150,000	7,122,124	7.410	7,122,124	6,915,934		173,922		331,839		331,839		12/31/2020	
92913T-88-5	VOYA Russell LgCap Gr Idx Init			81,062,000	4,559,729	56.250	4,559,729	3,254,893		112,941		819,207		819,207		12/28/2020	
78080T-10-5	Royce Small Cap Annuity Invest			126,465,000	937,104	7.410	937,104	902,656		23,134		40,909		40,909		12/30/2020	
78080T-30-3	Royce Micro Cap Annuity Invest			55,574,000	661,884	11.910	661,884	552,993		7,483		114,874		114,874		12/31/2020	
92914E-81-2	VOYA Clarion Global Real Est I			17,876,000	188,595	10.550	188,595	203,011		23,944		(28,813)		(28,813)		12/31/2020	
78080T-30-3	Royce Micro Cap Annuity Invest			31,691,000	377,434	11.910	377,434	309,511		3,904		69,946		69,946		12/30/2020	
87244V-86-4	TIAA-CREF Life Balanced			5,123,007,000	69,519,201	13.570	69,519,201	59,676,246		2,660,305		5,690,594		5,690,594		12/31/2020	
233203-67-8	DFA VA Short Term Fixed Port			1,214,929	1,214,929	10.200	1,214,929	1,220,437		7,186		(1,624)		(1,624)		12/28/2020	
87244V-86-4	TIAA-CREF Life Balanced			221,024,000	2,999,289	13.570	2,999,289	2,589,556		112,129		252,813		252,813		12/31/2020	
87244V-87-2	TIAA-CREF Life Money Market			94,660,686,000	94,660,686	1.000	94,660,686	94,660,686	2	55,976						12/30/2020	
233203-68-6	DFA VA Int'l Small Co Port			428,253,000	5,657,222	13.210	5,657,222	5,200,616		193,793		391,534		391,534		12/30/2020	
87244V-87-2	TIAA-CREF Life Money Market			11,317,396,000	11,317,396	1.000	11,317,396	11,317,396		17,095						12/31/2020	
921925-20-2	Vanguard Vanguard VIF TotBond Mkt Idx			18,920,729,000	242,374,542	12.810	242,374,542	229,284,252		3,796,479		8,189,944		8,189,944		12/31/2020	
233203-69-4	DFA VA Int'l Value Port			613,697,000	7,229,345	11.780	7,229,345	7,264,373		155,734		(82,327)		(82,327)		12/21/2020	
921925-20-2	Vanguard Vanguard VIF TotBond Mkt Idx			1,189,798,000	15,241,311	12.810	15,241,311	14,826,821		167,784		344,702		344,702		12/31/2020	
921925-30-1	Vanguard WIF Equity Index			2,501,798,000	134,496,678	53.760	134,496,678	100,467,358		3,391,468		17,758,521		17,758,521		12/31/2020	
233203-71-0	DFA VA US Targeted Value Port			199,761,000	3,677,603	18.410	3,677,603	3,477,505		54,571		232,116		232,116		12/21/2020	
921925-30-1	Vanguard WIF Equity Index			413,449,000	22,227,001	53.760	22,227,001	18,511,320		291,619		3,421,965		3,421,965		12/31/2020	
921925-80-6	Vanguard VIF High Yield Bond			6,191,302,000	50,273,375	8.120	50,273,375	47,788,647		1,955,974		1,055,939		1,055,939		12/31/2020	
233203-72-8	DELAWARE DFA VA Global Bond Port			168,469,000	1,790,827	10.630	1,790,827	1,790,434		466		22,094		22,094		12/31/2020	
921925-80-6	Vanguard VIF High Yield Bond			421,497,000	3,422,560	8.120	3,422,560	3,240,506		112,813		118,656		118,656		12/31/2020	
921925-82-2	Vanguard VIF Capital Growth			321,368,000	14,529,034	45.210	14,529,034	11,856,534		440,694		1,812,540		1,812,540		12/31/2020	
233203-77-7	DFA VA US Large Value Port			341,016,000	9,043,736	26.520	9,043,736	8,420,687		180,456		(89,518)		(89,518)		12/30/2020	
921925-82-2	Vanguard VIF Capital Growth			97,785,000	4,420,866	45.210	4,420,866	3,555,193		103,293		727,617		727,617		12/31/2020	
921925-84-8	Vanguard VIF REIT Index			2,285,082,000	28,403,572	12.430	28,403,572	27,167,145		694,794		(302,530)		(302,530)		12/31/2020	
233206-12-5	DFA VA Equity Allocation Port			106,952,000	1,379,682	12.900	1,379,682	1,122,926		24,193		191,418		191,418		12/28/2020	
921925-84-8	Vanguard VIF REIT Index			428,151,000	5,321,918	12.430	5,321,918	5,075,293		118,580		77,166		77,166		12/31/2020	
921925-85-5	Vanguard VIF MidCap Index			3,203,575,000	82,556,136	25.770	82,556,136	67,728,540		3,295,415		11,767,046		11,767,046		12/31/2020	
25239Y-54-3	DFA VIT Inflation Protected Sec			25,672,000	290,351	11.310	290,351	260,784		4,656		25,392		25,392		12/21/2020	
921925-85-5	Vanguard VIF MidCap Index			430,690,000	11,098,870	25.770	11,098,870	9,279,316		322,644		1,626,392		1,626,392		12/31/2020	
921925-88-9	Vanguard VIF Small Cp Growth			1,003,187,000	24,568,049	24.490	24,568,049	19,480,521		940,531		4,515,919		4,515,919		12/31/2020	
25239Y-58-4	DFA VA Global Mod Allocation			746,408,000	10,815,445	14.490	10,815,445	8,764,554		233,195		915,708		915,708		12/28/2020	
921925-88-9	Vanguard VIF Small Cp Growth			194,917,000	4,773,517	24.490	4,773,517	3,844,103		203,186		853,291		853,291		12/31/2020	
92914E-81-2	VOYA Clarion Global Real Est I			760,563,000	8,023,939	10.550	8,023,939	8,301,190		845,544		(714,659)		(714,659)		12/31/2020	
355150-77-2	Franklin Developing Mkts VIP Fnd Cl 1			333,312,000	3,909,749	11.730	3,909,749	2,979,403		195,582		418,548		418,548		12/21/2020	
92914E-81-2	VOYA Clarion Global Real Est I			62,981,000	664,450	10.550	664,450	691,689		76,591		(68,936)		(68,936)		12/31/2020	
933702-10-2	Wanger US Smaller Co Fund			142,514,000	3,510,123	24.630	3,510,123	3,031,176		151,029		458,578		458,578		12/31/2020	
641222-70-8	Neuberger Berman AMT MC Intrinsic Val I			54,423,000	838,108	15.400	838,108	910,202		8,127		3,832		3,832		12/11/2020	
933702-10-2	Wanger US Smaller Co Fund			26,795,000	659,972	24.630	659,972	547,258		20,050		109,882		109,882		12/28/2020	
933702-20-1	Wanger Intl Small Cap Fund			530,783,000	14,877,857	28.030	14,877,857	12,978,711		564,955		1,824,948		1,824,948		12/31/2020	
742969-57-9	Principal PVC Equity Income Acct Cl 1			156,621,000	4,469,974	28.540	4,469,974	3,860,336		179,744		191,727		191,727		12/23/2020	
933702-20-1	Wanger Intl Small Cap Fund			55,035,000	1,542,638	28.030	1,542,638	1,306,984		45,743		213,595		213,595		12/28/2020	
933702-30-0	Wanger Select Fund			123,869,000	2,529,402	20.420	2,529,402	2,133,086		187,078		360,797		360,797		12/31/2020	
742969-60-3	Principal PVC MidCap Acct Cl 1			9,132,000	581,612	63.690	581,612	507,737		51,030		39,757		39,757		12/09/2020	
933702-30-0	Wanger Select Fund			43,101,000	880,126	20.420	880,126	761,628		44,787		108,639		108,639		12/28/2020	
128116-10-0	Calamos Growth & Income Port A			214,864,000	4,419,760	20.570	4,419,760	3,469,129		26,346		892,149		892,149		12/31/2020	
74437G-85-4	PS Natural Res Port Cl B			13,760,000	360,650	26.210	360,650	306,575				56,832		56,832		12/28/2020	
128116-10-0	Calamos Growth & Income Port A			14,300,000	294,155	20.570	294,155	219,495		2,500		51,696		51,696		12/22/2020	

ANNUAL STATEMENT FOR THE YEAR 2020 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, NAIC Design- ation Modifier and SVO Admini- strative Symbol
233203-67-8	DFA VA Short Term Fixed Port			7,931,599.000	80,902,309	10.200	80,902,309	81,283,930		472,818		(125,372)		(125,372)		12/31/2020	
77954R-10-4	TRPrice Limited Term Bond			162,184.000	810,921	5.000	810,921	785,190		14,427		20,686		20,686		12/31/2020	
233203-67-8	DFA VA Short Term Fixed Port			414,980.000	4,232,791	10.200	4,232,791	4,250,359		24,911		(6,385)		(6,385)		12/31/2020	
233203-68-6	DFA VA Int'l Small Co Port			3,802,585.000	50,232,151	13.210	50,232,151	45,322,659		1,694,492		4,984,422		4,984,422		12/31/2020	
77954T-60-5	T Rowe Price Health Sciences i			23,271.000	1,420,452	61.040	1,420,452	1,075,242		78,140		241,596		241,596		12/21/2020	
233203-68-6	DFA VA Int'l Small Co Port			543,485.000	7,179,442	13.210	7,179,442	6,162,743		239,416		862,145		862,145		12/31/2020	
233203-69-4	DFA VA Int'l Value Port			7,839,221.000	92,346,023	11.780	92,346,023	87,419,210		1,954,938		4,548,864		4,548,864		12/31/2020	
87244V-10-4	TIAA-CREF Life Growth Equity			390,195.000	8,537,464	21.880	8,537,464	6,917,964		404,383		1,562,949		1,562,949		12/30/2020	
233203-69-4	DFA VA Int'l Value Port			1,195,950.000	14,088,295	11.780	14,088,295	12,718,802		294,765		1,267,234		1,267,234		12/31/2020	
233203-71-0	DFA VA US Targeted Value Port			1,937,658.000	35,672,280	18.410	35,672,280	30,752,254		521,070		4,865,087		4,865,087		12/31/2020	
87244V-20-3	TIAA-CREF Life Intl Equity			669,991.000	6,177,313	9.220	6,177,313	5,519,488		79,236		762,451		762,451		12/30/2020	
233203-71-0	DFA VA US Targeted Value Port			428,770.000	7,893,657	18.410	7,893,657	6,364,835		114,214		1,472,665		1,472,665		12/31/2020	
233203-72-8	DELAWARE DFA VA Global Bond Port			5,888,426.000	62,593,972	10.630	62,593,972	62,541,668		16,462		756,767		756,767		12/31/2020	
87244V-30-2	TIAA-CREF Life Growth & Income			158,718.000	3,396,569	21.400	3,396,569	2,559,569		162,343		427,889		427,889		12/23/2020	
233203-72-8	DELAWARE DFA VA Global Bond Port			343,851.000	3,655,135	10.630	3,655,135	3,632,576		975		41,252		41,252		12/30/2020	
233203-77-7	DFA VA US Large Value Port			2,214,328.000	58,723,968	26.520	58,723,968	54,456,187		1,146,188		2,386,710		2,386,710		12/31/2020	
87244V-40-1	TIAA-CREF Life Stock Index			739,099.000	24,486,334	33.130	24,486,334	17,985,284		416,276		3,828,822		3,828,822		12/30/2020	
233203-77-7	DFA VA US Large Value Port			483,513.000	12,822,759	26.520	12,822,759	11,445,996		250,555		1,031,446		1,031,446		12/31/2020	
233206-12-5	DFA VA Equity Allocation Port			2,346,938.000	30,275,497	12.900	30,275,497	24,996,657		503,681		3,813,574		3,813,574		12/31/2020	
87244V-50-0	TIAA-CREF Life Social Choice			28,311.000	528,562	18.670	528,562	440,409		33,895		62,843		62,843		12/28/2020	
233206-12-5	DFA VA Equity Allocation Port			1,156,418.000	14,917,793	12.900	14,917,793	11,920,962		260,832		2,664,107		2,664,107		12/29/2020	
246493-43-1	DELAWARE VIP Int'l Series - Standard			2,457,354.000	47,082,898	19.160	47,082,898	46,257,210				825,688		825,688		12/31/2020	
87244V-60-9	TIAA-CREF Life Large Cap Value			67,955.000	1,032,913	15.200	1,032,913	967,549		17,813		30,286		30,286		12/21/2020	
246493-43-1	DELAWARE VIP Int'l Series - Standard			162,664.000	3,116,645	19.160	3,116,645	3,062,109				54,536		54,536		12/31/2020	
25239Y-58-4	DFA VA Global Mod Allocation			2,778,062.000	40,254,123	14.490	40,254,123	35,462,036		835,566		3,797,702		3,797,702		12/31/2020	
87244V-70-8	TIAA-CREF Life Small Cap Eqty			122,624.000	1,730,220	14.110	1,730,220	1,594,034		61,857		188,738		188,738		12/17/2020	
25239Y-54-3	DFA VIT Inflation Protected Sec			86,543.000	978,807	11.310	978,807	932,002		15,349		39,654		39,654		12/31/2020	
355150-71-5	Franklin Mutual Shares VIP Fnd Cl 1			118,428.000	2,004,985	16.930	2,004,985	2,148,315		116,237		(112,848)		(112,848)		12/31/2020	
87244V-80-7	TIAA-CREF Life Real Estate			49,353.000	717,094	14.530	717,094	678,557		52,041		(33,265)		(33,265)		12/24/2020	
25239Y-58-4	DFA VA Global Mod Allocation			474,825.000	6,880,217	14.490	6,880,217	6,072,740		133,445		640,898		640,898		12/31/2020	
355150-74-9	Franklin Sm-Mid Cap Growth VIP Fnd Cl 1			626,863.000	16,919,028	26.990	16,919,028	13,067,317		813,761		3,766,350		3,766,350		12/31/2020	
87244V-88-0	TIAA-CREF Life Core Bond			242,570.000	2,692,526	11.100	2,692,526	2,510,240		69,592		108,980		108,980		12/30/2020	
355150-71-5	Franklin Mutual Shares VIP Fnd Cl 1			56,159.000	950,768	16.930	950,768	1,032,288		53,027		(56,703)		(56,703)		12/30/2020	
355150-77-2	Franklin Developing Mrkts VIP Fnd Cl 1			1,745,048.000	20,469,412	11.730	20,469,412	16,374,832		883,298		2,733,242		2,733,242		12/31/2020	
355150-74-9	Franklin Sm-Mid Cap Growth VIP Fnd Cl 1			116,962.000	3,156,813	26.990	3,156,813	2,531,461		92,770		615,161		615,161		12/30/2020	
355150-88-9	Franklin Income VIP Fnd Cl 1			587,759.000	9,198,428	15.650	9,198,428	9,038,296		422,677		37,565		37,565		12/31/2020	
355150-77-2	Franklin Developing Mrkts VIP Fnd Cl 1			307,587.000	3,608,001	11.730	3,608,001	2,959,779		125,699		527,888		527,888		12/31/2020	
55273F-60-5	MFS-VIT Utility Series			93,521.000	3,304,082	35.330	3,304,082	3,061,288		131,178		131,178		131,178		12/31/2020	
355150-88-9	Franklin Income VIP Fnd Cl 1			57,053.000	892,882	15.650	892,882	896,660		42,941		(20,662)		(20,662)		12/31/2020	
55273F-83-7	MFS-VIT Global Eqty Series			228,757.000	5,620,552	24.570	5,620,552	4,912,244		176,240		611,182		611,182		12/31/2020	
55273F-60-5	MFS-VIT Utility Series			23,422.000	827,493	35.330	827,493	714,714		33,297		27,252		27,252		12/28/2020	
55274F-61-2	MFS VITII Mass Invest Grwth Stk IC			367,398.000	9,206,990	25.060	9,206,990	7,957,497		614,737		1,055,175		1,055,175		12/31/2020	
55273F-83-7	MFS-VIT Global Eqty Series			114,240.000	2,806,865	24.570	2,806,865	2,409,911		74,390		346,239		346,239		12/30/2020	
641222-70-8	Neuberger Berman AMT MC Intrinsic Val I			2,863,161.000	44,092,684	15.400	44,092,684	43,458,446		410,594		2,668,626		2,668,626		12/31/2020	
55274F-61-2	MFS VITII Mass Invest Grwth Stk IC			42,026.000	1,053,160	25.060	1,053,160	898,996		72,290		128,403		128,403		12/28/2020	
742969-57-9	Principal PVC Equity Income Acct Cl 1			3,412,506.000	97,392,911	28.540	97,392,911	85,050,953		3,718,786		5,689,587		5,689,587		12/31/2020	
641222-70-8	Neuberger Berman AMT MC Intrinsic Val I			147,458.000	2,270,853	15.400	2,270,853	2,186,021		20,893		163,165		163,165		12/31/2020	
742969-60-3	Principal PVC MidCap Acct Cl 1			130,035.000	8,281,959	63.690	8,281,959	7,414,765		569,579		661,882		661,882		12/31/2020	
742969-57-9	Principal PVC Equity Income Acct Cl 1			221,157.000	6,311,831	28.540	6,311,831	5,572,262		208,825		490,536		490,536		12/31/2020	
744376-60-7	PS Value Port Cl B			221,604.000	8,057,522	36.360	8,057,522	6,951,546				899,522		899,522		12/31/2020	
742969-60-3	Principal PVC MidCap Acct Cl 1			9,423.000	600,148	63.690	600,148	548,743		47,991		44,922		44,922		12/24/2020	
744376-78-9	PS Jennison 20/20 Port Cl B			554,562.000	26,158,677	47.170	26,158,677	18,155,852				5,865,689		5,865,689		12/31/2020	
744376-60-7	PS Value Port Cl B			4,187.000	152,252	36.360	152,252	113,441				12,039		12,039		12/28/2020	
744376-85-4	PS Natural Res Port Cl B			76,024.000	1,992,579	26.210	1,992,579	1,676,333				324,637		324,637		12/31/2020	

ANNUAL STATEMENT FOR THE YEAR 2020 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, NAIC Design- ation Modifier and SVO Admini- strative Symbol
744376-78-9	PS Jennison 20/20 Port Cl B			36,400,000	1,717,000	47.170	1,717,000	1,248,039				349,097		349,097		12/28/2020	
77954R-10-4	TRPrice Limited Term Bond			10,561,217,000	52,806,090	5.000	52,806,090	51,214,736		851,914		1,255,407		1,255,407		12/31/2020	
744376-85-4	PS Natural Res Port Cl B			14,600,000	382,668	26.210	382,668	328,084				53,688		53,688		12/30/2020	
77954T-60-5	T Rowe Price Health Sciences i			125,763,000	7,676,584	61.040	7,676,584	6,603,098		372,337		972,305		972,305		12/31/2020	
77954R-10-4	TRPrice Limited Term Bond			474,066,000	2,370,333	5.000	2,370,333	2,298,870		39,401		57,910		57,910		12/31/2020	
87244V-10-4	TIAA-CREF Life Growth Equity			6,353,119,000	139,006,250	21.880	139,006,250	93,747,519		7,860,561		30,485,411		30,485,411		12/31/2020	
77954T-60-5	T Rowe Price Health Sciences i			30,854,000	1,883,309	61.040	1,883,309	1,603,313		101,777		278,052		278,052		12/31/2020	
87244V-20-3	TIAA-CREF Life Intl Equity			10,552,488,000	97,293,940	9.220	97,293,940	78,672,985		1,213,445		13,673,750		13,673,750		12/31/2020	
87244V-10-4	TIAA-CREF Life Growth Equity			544,856,000	11,921,447	21.880	11,921,447	8,331,512		601,869		2,359,056		2,359,056		12/28/2020	
87244V-30-2	TIAA-CREF Life Growth & Income			7,328,114,000	156,821,649	21.400	156,821,649	120,069,022		7,209,678		19,993,965		19,993,965		12/31/2020	
87244V-20-3	TIAA-CREF Life Intl Equity			1,237,490,000	11,409,660	9.220	11,409,660	9,343,185		142,591		1,889,293		1,889,293		12/30/2020	
87244V-40-1	TIAA-CREF Life Stock Index			16,896,783,000	559,790,415	33.130	559,790,415	352,425,872		9,595,046		88,146,792		88,146,792		12/31/2020	
87244V-30-2	TIAA-CREF Life Growth & Income			440,959,000	9,436,533	21.400	9,436,533	7,370,355		432,571		1,269,440		1,269,440		12/30/2020	
87244V-50-0	TIAA-CREF Life Social Choice			4,199,924,000	78,412,578	18.670	78,412,578	63,284,602		4,860,065		8,707,512		8,707,512		12/31/2020	
87244V-40-1	TIAA-CREF Life Stock Index			2,668,697,000	88,413,921	33.130	88,413,921	68,673,006		1,397,223		14,138,175		14,138,175		12/31/2020	
87244V-60-9	TIAA-CREF Life Large Cap Value			4,128,583,000	62,754,463	15.200	62,754,463	57,392,725		1,025,270		2,882,481		2,882,481		12/31/2020	
87244V-50-0	TIAA-CREF Life Social Choice			152,941,000	2,855,406	18.670	2,855,406	2,372,098		179,246		314,412		314,412		12/30/2020	
87244V-70-8	TIAA-CREF Life Small Cap Eqty			3,844,753,000	54,249,463	14.110	54,249,463	49,862,255		1,823,775		5,960,025		5,960,025		12/31/2020	
87244V-60-9	TIAA-CREF Life Large Cap Value			231,744,000	3,522,506	15.200	3,522,506	3,083,208		36,577		427,200		427,200		12/31/2020	
87244V-80-7	TIAA-CREF Life Real Estate			5,060,622,000	73,530,831	14.530	73,530,831	69,569,631		5,159,699		(3,467,178)		(3,467,178)		12/31/2020	
87244V-70-8	TIAA-CREF Life Small Cap Eqty			195,697,000	2,761,291	14.110	2,761,291	2,154,477		87,698		586,590		586,590		12/31/2020	
87244V-88-0	TIAA-CREF Life Core Bond			15,718,426,000	174,474,524	11.100	174,474,524	164,325,178		4,392,927		6,389,725		6,389,725		12/31/2020	
87244V-80-7	TIAA-CREF Life Real Estate			347,712,000	5,052,251	14.530	5,052,251	4,827,982		320,235		162,997		162,997		12/31/2020	
921925-40-0	Vanguard VIF Balanced Portfolio			28,889,000	741,873	25.680	741,873	694,259				47,615		47,615		12/17/2020	
87244V-88-0	TIAA-CREF Life Core Bond			362,446,000	4,023,151	11.100	4,023,151	3,848,033		101,494		138,745		138,745		12/31/2020	
921925-70-7	Vanguard VIF International Portfolio			47,266,000	2,059,387	43.570	2,059,387	1,773,869				285,518		285,518		12/31/2020	
921925-76-4	Vanguard VIF Total International Stock			143,400,000	3,295,339	22.980	3,295,339	2,855,765				439,575		439,575		12/31/2020	
921925-77-2	Vanguard VIF Global Bond Index Portfoli			55,280,000	1,238,274	22.400	1,238,274	1,212,475				25,800		25,800		12/29/2020	
921925-78-0	Vanguard VIF Moderate Allocation Portfo			45,304,000	1,470,108	32.450	1,470,108	1,335,244				134,864		134,864		12/28/2020	
921925-79-8	Vanguard VIF Conservative Allocation Po			29,684,000	843,016	28.400	843,016	809,914				39,103		39,103		12/31/2020	
921925-81-4	Vanguard VIF Total Stock Market Index P			88,903,000	4,317,138	48.560	4,317,138	3,843,416				473,719		473,719		12/31/2020	
9499999 - Subtotal - Mutual Funds					4,076,069,829	XXX	4,076,069,836	3,440,327,829	2	107,491,032		380,071,728		380,071,728		XXX	XXX
9799999 - Total Common Stocks					4,076,069,829	XXX	4,076,069,836	3,440,327,829	2	107,491,032		380,071,728		380,071,728		XXX	XXX
9899999 - Total Preferred and Common Stocks					4,076,069,829	XXX	4,076,069,836	3,440,327,829	2	107,491,032		380,071,728		380,071,728		XXX	XXX

Book/Adjusted Carrying Value by NAIC Designation Category Footnote:

1A ..\$	1B ..\$	1C ..\$	1D ..\$	1E ..\$	1F ..\$	1G ..\$
2A ..\$	2B ..\$	2C ..\$				
3A ..\$	3B ..\$	3C ..\$				
4A ..\$	4B ..\$	4C ..\$				
5A ..\$	5B ..\$	5C ..\$				
6 ...\$						

ANNUAL STATEMENT FOR THE YEAR 2020 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								
8399998. Total - Bonds - Part 5						6,683,632	9,175,000	47,865
8399999. Total - Bonds						6,683,632	9,175,000	47,865
8999997. Total - Preferred Stocks - Part 3							XXX	
8999998. Total - Preferred Stocks - Part 5							XXX	
8999999. Total - Preferred Stocks							XXX	
22544K-88-8	Credit Suisse Commodity Return Strat Port		12/21/2020	Various	49,461.000	143,845		
246493-54-8	DELAWARE Del VIP Diversf Inc Ser Std 1		12/30/2020	Various	99,480.000	1,101,093		
22544K-88-8	Credit Suisse Commodity Return Strat Port		12/30/2020	Various	25,112.000	81,175		
246493-54-8	DELAWARE Del VIP Diversf Inc Ser Std 1		12/31/2020	Various	2,834,298.000	31,143,404		
246493-67-0	DELAWARE Del VIP Sml Cap Val Ser Std 1		12/30/2020	Various	20,370.000	529,395		
246493-54-8	DELAWARE Del VIP Diversf Inc Ser Std 1		12/28/2020	Various	172,548.000	1,902,655		
246493-67-0	DELAWARE Del VIP Sml Cap Val Ser Std 1		12/31/2020	Various	413,592.000	10,855,876		
41015H-71-1	John Hancock Emerging Markets Value Trust		12/30/2020	Various	63,007.000	464,744		
246493-67-0	DELAWARE Del VIP Sml Cap Val Ser Std 1		12/31/2020	Various	48,835.000	1,361,836		
41015H-71-1	John Hancock Emerging Markets Value Trust		12/31/2020	Various	1,804,112.000	14,114,979		
552748-10-5	MFin M International Equity Fd		12/30/2020	Various	101,327.000	1,109,190		
41015H-71-1	John Hancock Emerging Markets Value Trust		12/31/2020	Various	345,810.000	2,739,783		
471021-43-6	Janus Henderson Mid-Cap Value Port Inst		12/31/2020	Various	249,007.000	3,465,967		
552748-20-4	MFin M Large Cap Growth Fd		12/30/2020	Various	60,772.000	1,950,313		
471021-43-6	Janus Henderson Mid-Cap Value Port Inst		12/28/2020	Various	37,432.000	519,036		
471021-70-9	Janus Henderson Overseas Port Inst		12/31/2020	Various	21,945.000	653,760		
552748-30-3	MFin M Capital Appreciation Fd		12/30/2020	Various	151,175.000	3,350,755		
471021-70-9	Janus Henderson Overseas Port Inst		12/28/2020	Various	8,648.000	268,089		
471021-86-5	Janus Henderson Forty Port Inst		12/31/2020	Various	165,407.000	7,720,765		
552748-50-1	MFin M Business Opp Val Fd		12/30/2020	Various	65,385.000	727,027		
471021-86-5	Janus Henderson Forty Port Inst		12/31/2020	Various	50,508.000	2,469,319		
52467K-83-9	Legg Mason WA Var Global High Yield Bd 1		12/31/2020	Various	681,783.000	4,824,402		
693394-58-7	PIMCO-PVIT EnlMktBond Inst		12/31/2020	Various	6,642.000	82,974		
52467K-83-9	Legg Mason WA Var Global High Yield Bd 1		12/31/2020	Various	55,019.000	387,966		
52467M-84-3	Legg Mason Cllbrdg Var Sml Cap Grw Cl 1		12/31/2020	Various	130,846.000	3,868,041		
693394-67-8	PIMCO-PVIT Gbl Bd Unhdgd Inst		12/31/2020	Various	2,256.000	25,956		
52467M-84-3	Legg Mason Cllbrdg Var Sml Cap Grw Cl 1		12/28/2020	Various	42,450.000	1,395,061		
52467X-20-3	Legg Mason Cllbrdg Var Aggres Growth Cl 1		12/31/2020	Various	353,565.000	9,653,058		
693394-74-4	PIMCO-PVIT Real Return Inst		12/31/2020	Various	8,372.000	109,826		
52467X-20-3	Legg Mason Cllbrdg Var Aggres Growth Cl 1		12/28/2020	Various	42,140.000	1,131,183		
55273F-10-0	MFS-VIT Growth Series		12/01/2020	Various	10,276.000	659,411		
693394-78-5	PIMCO VIT Tot Ret Port Inst		12/31/2020	Various	88,902.000	1,016,926		
55273F-10-0	MFS-VIT Growth Series		12/28/2020	Various	1,173.000	71,958		
641222-60-9	Neuberger Berman AMT Sustainable Equity I		12/31/2020	Various	39,264.000	972,601		
87244V-86-4	TIAA-CREF Life Balanced		12/22/2020	Various	13,126.000	164,697		
641222-60-9	Neuberger Berman AMT Sustainable Equity I		12/28/2020	Various	9,944.000	258,335		
693394-58-7	PIMCO-PVIT EnlMktBond Inst		12/31/2020	Various	947,490.000	11,947,789		
87244V-87-2	TIAA-CREF Life Money Market		12/29/2020	Various	9,044,714.000	9,044,714		
693394-58-7	PIMCO-PVIT EnlMktBond Inst		12/31/2020	Various	78,973.000	988,611		
693394-61-1	PIMCO-PVIT ComRIRetStrat Inst		12/31/2020	Various	144,915.000	754,558		
921925-20-2	Vanguard Vanguard VIF TotBond Mkt Idx		12/24/2020	Various	145,223.000	1,821,489		
693394-61-1	PIMCO-PVIT ComRIRetStrat Inst		12/30/2020	Various	43,632.000	218,308		
693394-64-5	PIMCO-PVIT All Asset Fd Inst		12/31/2020	Various	326,393.000	3,464,223		
921925-30-1	Vanguard WIF Equity Index		12/28/2020	Various	131,813.000	5,788,900		
693394-64-5	PIMCO-PVIT All Asset Fd Inst		12/30/2020	Various	31,406.000	304,452		
693394-67-8	PIMCO-PVIT Gbl Bd Unhdgd Inst		12/31/2020	Various	165,206.000	1,850,543		
921925-80-6	Vanguard VIF High Yield Bond		12/28/2020	Various	46,374.000	340,289		
693394-67-8	PIMCO-PVIT Gbl Bd Unhdgd Inst		12/31/2020	Various	39,224.000	441,469		
693394-74-4	PIMCO-PVIT Real Return Inst		12/31/2020	Various	2,174,164.000	28,847,494		
921925-82-2	Vanguard VIF Capital Growth		12/31/2020	Various	33,014.000	1,196,326		
693394-74-4	PIMCO-PVIT Real Return Inst		12/31/2020	Various	181,686.000	2,392,096		
74925K-42-5	Matson Money Fixed Income VI Port		12/31/2020	Various	456,175.000	11,582,089		
921925-84-8	Vanguard VIF REIT Index		12/21/2020	Various	39,473.000	441,388		
74925K-42-5	Matson Money Fixed Income VI Port		12/31/2020	Various	36,447.000	919,442		
74925K-43-3	Matson Money Intl Equity VI Port		12/31/2020	Various	468,490.000	9,449,933		
921925-85-5	Vanguard VIF MidCap Index		12/23/2020	Various	132,353.000	2,735,463		
74925K-43-3	Matson Money Intl Equity VI Port		12/29/2020	Various	54,548.000	985,243		

ANNUAL STATEMENT FOR THE YEAR 2020 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
74925K-44-1	Matson Money Market US Equity VI Port		12/31/2020	Various	529,593.000	12,766,074		
921925-88-9	Vanguard VIF Small Cp Growth		12/23/2020	Various	95,449.000	1,600,545		
74925K-44-1	Matson Money Market US Equity VI Port		12/29/2020	Various	58,213.000	1,263,049		
78080T-10-5	Royce Small Cap Annuity Invest		12/31/2020	Various	491,343.000	2,942,564		
92913T-88-5	VOYA Russell LgCap Gr Idx Init		12/28/2020	Various	39,895.000	1,972,010		
78080T-10-5	Royce Small Cap Annuity Invest		12/30/2020	Various	74,588.000	471,322		
78080T-30-3	Royce Micro Cap Annuity Invest		12/31/2020	Various	25,846.000	257,164		
92914E-81-2	VOYA Clarion Global Real Est I		12/31/2020	Various	4,876.000	46,978		
78080T-30-3	Royce Micro Cap Annuity Invest		12/30/2020	Various	27,366.000	265,328		
87244V-86-4	TIAA-CREF Life Balanced		12/31/2020	Various	1,499,126.000	18,711,293		
233203-67-8	DFA VA Short Term Fixed Port		12/28/2020	Various	38,537.000	394,699		
87244V-86-4	TIAA-CREF Life Balanced		12/31/2020	Various	104,924.000	1,301,043		
87244V-87-2	TIAA-CREF Life Money Market		12/30/2020	Various	90,098,077.000	90,098,077		
233203-68-6	DFA VA Int'l Small Co Port		12/30/2020	Various	77,286.000	871,578		
87244V-87-2	TIAA-CREF Life Money Market		12/31/2020	Various	9,164,875.000	9,164,875		
921925-20-2	Vanguard Vanguard VIF TotBond Mkt Idx		12/31/2020	Various	8,590,959.000	108,058,103		
233203-69-4	DFA VA Int'l Value Port		12/21/2020	Various	100,334.000	1,017,843		
921925-20-2	Vanguard Vanguard VIF TotBond Mkt Idx		12/31/2020	Various	848,041.000	10,723,761		
921925-30-1	Vanguard WIF Equity Index		12/31/2020	Various	637,556.000	27,813,776		
233203-71-0	DFA VA US Targeted Value Port		12/21/2020	Various	39,883.000	570,870		
921925-30-1	Vanguard WIF Equity Index		12/31/2020	Various	321,172.000	14,403,445		
921925-80-6	Vanguard VIF High Yield Bond		12/31/2020	Various	2,066,629.000	15,436,364		
233203-72-8	DELAWARE DFA VA Global Bond Port		12/24/2020	Various	35,775.000	378,102		
921925-80-6	Vanguard VIF High Yield Bond		12/31/2020	Various	213,332.000	1,599,027		
921925-82-2	Vanguard VIF Capital Growth		12/31/2020	Various	105,085.000	3,900,800		
233203-77-7	DFA VA US Large Value Port		12/30/2020	Various	71,658.000	1,739,388		
921925-82-2	Vanguard VIF Capital Growth		12/31/2020	Various	60,717.000	2,182,365		
921925-84-8	Vanguard VIF REIT Index		12/31/2020	Various	1,048,680.000	11,717,941		
233206-12-5	DFA VA Equity Allocation Port		12/28/2020	Various	27,020.000	252,259		
921925-84-8	Vanguard VIF REIT Index		12/31/2020	Various	269,413.000	3,063,697		
921925-85-5	Vanguard VIF MidCap Index		12/31/2020	Various	1,408,227.000	27,646,872		
25239Y-54-3	DFA VIT Inflation Protected Sec		12/21/2020	Various	1,716.000	18,448		
921925-85-5	Vanguard VIF MidCap Index		12/31/2020	Various	296,238.000	6,241,609		
921925-88-9	Vanguard VIF Small Cp Growth		12/31/2020	Various	635,802.000	11,572,882		
25239Y-58-4	DFA VA Global Mod Allocation		12/28/2020	Various	51,541.000	651,070		
921925-88-9	Vanguard VIF Small Cp Growth		12/31/2020	Various	127,022.000	2,353,208		
92914E-81-2	VOYA Clarion Global Real Est I		12/31/2020	Various	371,515.000	3,638,174		
355150-77-2	Franklin Developing Mkts VIP Fnd CI 1		12/21/2020	Various	86,824.000	829,127		
92914E-81-2	VOYA Clarion Global Real Est I		12/31/2020	Various	26,087.000	249,703		
933702-10-2	Wanger US Smaller Co Fund		12/31/2020	Various	120,418.000	2,559,693		
641222-70-8	Neuberger Berman AMT MC Intrinsic Val I		12/11/2020	Various	11,049.000	139,862		
933702-10-2	Wanger US Smaller Co Fund		12/28/2020	Various	24,122.000	490,568		
933702-20-1	Wanger Intl Small Cap Fund		12/31/2020	Various	218,042.000	4,921,645		
742969-57-9	Principal PVC Equity Income Acct CI 1		12/23/2020	Various	40,964.000	1,017,872		
933702-20-1	Wanger Intl Small Cap Fund		12/28/2020	Various	37,792.000	880,714		
933702-30-0	Wanger Select Fund		12/31/2020	Various	84,348.000	1,445,765		
742969-60-3	Principal PVC MidCap Acct CI 1		12/09/2020	Various	1,067.000	58,422		
933702-30-0	Wanger Select Fund		12/28/2020	Various	34,646.000	616,844		
128116-10-0	Calamos Growth & Income Port A		12/31/2020	Various	150,349.000	2,430,207		
74437G-85-4	PS Natural Res Port CI B		12/28/2020	Various	3,330.000	59,336		
128116-10-0	Calamos Growth & Income Port A		12/22/2020	Various	1,790.000	29,654		
233203-67-8	DFA VA Short Term Fixed Port		12/31/2020	Various	2,799,162.000	28,676,822		
77954R-10-4	TRPrice Limited Term Bond		12/31/2020	Various	80,783.000	393,809		
233203-67-8	DFA VA Short Term Fixed Port		12/31/2020	Various	152,917.000	1,566,137		
233203-68-6	DFA VA Int'l Small Co Port		12/31/2020	Various	1,283,491.000	13,708,674		
77954T-60-5	T Rowe Price Health Sciences i		12/21/2020	Various	2,790.000	158,509		
233203-68-6	DFA VA Int'l Small Co Port		12/31/2020	Various	291,893.000	3,167,365		
233203-69-4	DFA VA Int'l Value Port		12/31/2020	Various	3,378,098.000	33,103,791		
87244V-10-4	TIAA-CREF Life Growth Equity		12/30/2020	Various	242,038.000	4,547,710		
233203-69-4	DFA VA Int'l Value Port		12/31/2020	Various	771,721.000	7,620,007		
233203-71-0	DFA VA US Targeted Value Port		12/31/2020	Various	980,755.000	13,602,086		
87244V-20-3	TIAA-CREF Life Intl Equity		12/30/2020	Various	103,725.000	816,787		
233203-71-0	DFA VA US Targeted Value Port		12/31/2020	Various	316,212.000	4,397,205		
233203-72-8	DELAWARE DFA VA Global Bond Port		12/31/2020	Various	1,425,772.000	15,068,586		
87244V-30-2	TIAA-CREF Life Growth & Income		12/23/2020	Various	18,097.000	322,190		

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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
233203-72-8	DELAWARE DFA VA Global Bond Port		12/30/2020	Various	159,031.000	1,676,973		
233203-77-7	DFA VA US Large Value Port		12/31/2020	Various	850,553.000	18,901,650		
87244V-40-1	TIAA-CREF Life Stock Index		12/30/2020	Various	171,205.000	4,745,131		
233203-77-7	DFA VA US Large Value Port		12/31/2020	Various	292,814.000	6,556,622		
23320G-12-5	DFA VA Equity Allocation Port		12/31/2020	Various	882,876.000	9,317,760		
87244V-50-0	TIAA-CREF Life Social Choice		12/28/2020	Various	6,748.000	104,537		
23320G-12-5	DFA VA Equity Allocation Port		12/29/2020	Various	741,382.000	7,393,613		
246493-43-1	DELAWARE VIP Int'l Series - Standard		12/31/2020	Various	2,457,354.000	46,257,210		
87244V-60-9	TIAA-CREF Life Large Cap Value		12/21/2020	Various	5,290.000	67,665		
246493-43-1	DELAWARE VIP Int'l Series - Standard		12/31/2020	Various	162,664.000	3,062,109		
25239Y-58-4	DFA VA Global Mod Allocation		12/31/2020	Various	1,122,326.000	14,418,573		
87244V-70-8	TIAA-CREF Life Small Cap Eqty		12/17/2020	Various	30,418.000	330,824		
25239Y-54-3	DFA VIT Inflation Protected Sec		12/31/2020	Various	61,648.000	682,979		
355150-71-5	Franklin Mutual Shares VIP Fnd Cl 1		12/31/2020	Various	39,498.000	603,160		
87244V-80-7	TIAA-CREF Life Real Estate		12/24/2020	Various	11,945.000	166,797		
25239Y-58-4	DFA VA Global Mod Allocation		12/31/2020	Various	213,949.000	2,767,060		
355150-74-9	Franklin Sm-Mid Cap Growth VIP Fnd Cl 1		12/31/2020	Various	490,773.000	10,466,270		
87244V-88-0	TIAA-CREF Life Core Bond		12/30/2020	Various	44,348.000	484,379		
355150-71-5	Franklin Mutual Shares VIP Fnd Cl 1		12/30/2020	Various	18,309.000	281,135		
355150-77-2	Franklin Developing Mkts VIP Fnd Cl 1		12/31/2020	Various	839,756.000	7,959,016		
355150-74-9	Franklin Sm-Mid Cap Growth VIP Fnd Cl 1		12/30/2020	Various	99,583.000	2,198,589		
355150-88-9	Franklin Income VIP Fnd Cl 1		12/31/2020	Various	261,395.000	3,769,323		
355150-77-2	Franklin Developing Mkts VIP Fnd Cl 1		12/31/2020	Various	209,198.000	2,017,512		
55273F-60-5	MFS-VIT Utility Series		12/31/2020	Various	45,242.000	1,474,459		
355150-88-9	Franklin Income VIP Fnd Cl 1		12/31/2020	Various	21,190.000	321,077		
55273F-83-7	MFS-VIT Global Eqty Series		12/31/2020	Various	142,774.000	3,049,824		
55273F-60-5	MFS-VIT Utility Series		12/28/2020	Various	8,827.000	286,803		
55274F-61-2	MFS VITII Mass Invest Grwth Stk IC		12/31/2020	Various	229,709.000	5,042,808		
55273F-83-7	MFS-VIT Global Eqty Series		12/30/2020	Various	78,647.000	1,649,466		
641222-70-8	Neuberger Berman AMT MC Intrinsic Val I		12/31/2020	Various	1,138,307.000	13,809,143		
55274F-61-2	MFS VITII Mass Invest Grwth Stk IC		12/28/2020	Various	26,482.000	573,787		
742969-57-9	Principal PVC Equity Income Acct Cl 1		12/31/2020	Various	1,274,696.000	31,438,481		
641222-70-8	Neuberger Berman AMT MC Intrinsic Val I		12/31/2020	Various	71,931.000	898,504		
742969-60-3	Principal PVC MidCap Acct Cl 1		12/31/2020	Various	63,207.000	3,614,406		
742969-57-9	Principal PVC Equity Income Acct Cl 1		12/31/2020	Various	119,642.000	2,959,568		
74437G-60-7	PS Value Port Cl B		12/31/2020	Various	144,671.000	4,456,120		
742969-60-3	Principal PVC MidCap Acct Cl 1		12/24/2020	Various	7,622.000	447,249		
74437G-78-9	PS Jennison 20/20 Port Cl B		12/31/2020	Various	198,610.000	7,418,228		
74437G-60-7	PS Value Port Cl B		12/28/2020	Various	1,089.000	31,002		
74437G-85-4	PS Natural Res Port Cl B		12/31/2020	Various	48,697.000	1,027,405		
74437G-78-9	PS Jennison 20/20 Port Cl B		12/28/2020	Various	13,994.000	557,479		
77954R-10-4	TRPrice Limited Term Bond		12/31/2020	Various	3,602,943.000	17,663,891		
74437G-85-4	PS Natural Res Port Cl B		12/30/2020	Various	6,314.000	134,760		
77954T-60-5	T Rowe Price Health Sciences i		12/31/2020	Various	91,221.000	4,983,412		
77954R-10-4	TRPrice Limited Term Bond		12/31/2020	Various	128,061.000	627,380		
87244V-10-4	TIAA-CREF Life Growth Equity		12/31/2020	Various	2,222,537.000	40,861,900		
77954T-60-5	T Rowe Price Health Sciences i		12/31/2020	Various	26,191.000	1,372,986		
87244V-20-3	TIAA-CREF Life Intl Equity		12/31/2020	Various	3,067,794.000	22,844,475		
87244V-10-4	TIAA-CREF Life Growth Equity		12/28/2020	Various	277,598.000	5,184,713		
87244V-30-2	TIAA-CREF Life Growth & Income		12/31/2020	Various	1,502,276.000	27,185,409		
87244V-20-3	TIAA-CREF Life Intl Equity		12/30/2020	Various	563,895.000	4,050,777		
87244V-40-1	TIAA-CREF Life Stock Index		12/31/2020	Various	3,411,646.000	93,790,095		
87244V-30-2	TIAA-CREF Life Growth & Income		12/30/2020	Various	126,974.000	2,257,885		
87244V-50-0	TIAA-CREF Life Social Choice		12/31/2020	Various	1,088,598.000	17,590,360		
87244V-40-1	TIAA-CREF Life Stock Index		12/31/2020	Various	1,136,059.000	31,331,239		
87244V-60-9	TIAA-CREF Life Large Cap Value		12/31/2020	Various	1,082,021.000	14,417,279		
87244V-50-0	TIAA-CREF Life Social Choice		12/30/2020	Various	36,854.000	596,544		
87244V-70-8	TIAA-CREF Life Small Cap Eqty		12/31/2020	Various	1,079,838.000	11,986,107		
87244V-60-9	TIAA-CREF Life Large Cap Value		12/31/2020	Various	219,469.000	2,912,171		
87244V-80-7	TIAA-CREF Life Real Estate		12/31/2020	Various	1,116,769.000	15,473,915		
87244V-70-8	TIAA-CREF Life Small Cap Eqty		12/31/2020	Various	143,891.000	1,494,483		
87244V-88-0	TIAA-CREF Life Core Bond		12/31/2020	Various	5,192,289.000	56,613,012		
87244V-80-7	TIAA-CREF Life Real Estate		12/31/2020	Various	307,951.000	4,268,981		
921925-40-0	Vanguard VIF Balanced Portfolio		12/17/2020	Various	28,889.000	694,259		
87244V-88-0	TIAA-CREF Life Core Bond		12/31/2020	Various	228,990.000	2,471,099		

ANNUAL STATEMENT FOR THE YEAR 2020 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
921925-70-7	Vanguard VIF International Portfolio		12/31/2020	Various	47,266.000	1,773,869		
921925-76-4	Vanguard VIF Total International Stock		12/31/2020	Various	143,400.000	2,855,765		
921925-77-2	Vanguard VIF Global Bond Index Portfoli		12/29/2020	Various	55,280.000	1,212,475		
921925-78-0	Vanguard VIF Moderate Allocation Portfo		12/28/2020	Various	45,304.000	1,335,244		
921925-79-8	Vanguard VIF Conservative Allocation Po		12/31/2020	Various	29,684.000	803,914		
921925-81-4	Vanguard VIF Total Stock Market Index P		12/31/2020	Various	88,903.000	3,843,416		
9499999. Subtotal - Common Stocks - Mutual Funds						1,362,712,424	XXX	
9799997. Total - Common Stocks - Part 3						1,362,712,424	XXX	
9799998. Total - Common Stocks - Part 5						79,439,432	XXX	
9799999. Total - Common Stocks						1,442,151,856	XXX	
9899999. Total - Preferred and Common Stocks						1,442,151,856	XXX	
9999999 - Totals						1,448,835,488	XXX	47,865

ANNUAL STATEMENT FOR THE YEAR 2020 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
912828-7F-1	US TREASURY N B 1.750% 07/31/21		02/04/2020	Various		9,050,162	9,016,000	8,998,391	9,002,100		843		843		9,002,943		47,219	47,219	81,057	07/31/2021
912828-YJ-3	US TREASURY N B 1.500% 09/30/21		02/04/2020	Various		8,504,316	8,500,000	8,474,434	8,476,730		1,277		1,277		8,478,007		26,309	26,309	44,590	09/30/2021
912828-YP-9	US TREASURY SEC 1.500% 10/31/21		02/04/2020	Various		5,254,307	5,250,000	5,238,027	5,238,939		579		579		5,239,518		14,789	14,789	20,986	10/31/2021
0599999	Subtotal - Bonds - U.S. Governments					22,808,785	22,766,000	22,710,852	22,717,769		2,699		2,699		22,720,468		88,317	88,317	146,633	XXX
3136AL-VF-5	FANNIE MAE SERIES 2014-70 CLASS A 3.000% 06/25/40		02/04/2020	Various		833,668	815,921	849,195	842,537		(49)		(49)		842,488		(8,820)	(8,820)	4,352	06/25/2040
3136AL-VF-5	FANNIE MAE SERIES 2014-70 CLASS A 3.000% 06/25/40		02/01/2020	Paydown		35,807	35,807	37,267	36,975		(1,168)		(1,168)		35,807				131	06/25/2040
3136AT-PM-0	FNMA SERIES 2016-66 CLASS MB 3.000% 05/25/44		02/04/2020	Various		4,748,714	4,607,370	4,791,664	4,769,855		(260)		(260)		4,769,595		(20,881)	(20,881)	24,573	05/25/2044
3136AT-PM-0	FNMA SERIES 2016-66 CLASS MB 3.000% 05/25/44		02/01/2020	Paydown		101,533	101,533	105,594	105,114		(3,581)		(3,581)		101,533				383	05/25/2044
3137B0-UT-9	FREDDIE MAC SERIES 4182 CLASS C 3.000% 06/15/37		02/04/2020	Various		519,509	516,120	534,427	530,046		(32)		(32)		530,014		(10,505)	(10,505)	2,753	06/15/2037
3137B0-UT-9	FREDDIE MAC SERIES 4182 CLASS C 3.000% 06/15/37		02/01/2020	Paydown		117,936	117,936	122,119	121,118		(3,182)		(3,182)		117,936				531	06/15/2037
3137B2-QL-7	3.000% 10/15/39 FREDDIE MAC REMICS SERIES 4212 CLASS LA		02/04/2020	Various		1,236,906	1,217,597	1,264,779	1,254,017		(68)		(68)		1,253,949		(17,043)	(17,043)	6,494	10/15/2039
3137B2-QL-7	3.000% 10/15/39 FREDDIE MAC REMICS SERIES 4212 CLASS LA		02/01/2020	Paydown		64,610	64,610	67,113	66,543		(1,933)		(1,933)		64,610				242	10/15/2039
3137B9-ST-3	FHLMC MULTIFAMILY STRUCTURED P SERIES 4327 CLASS A 4.000% 02/15/40		02/04/2020	Various		811,255	796,138	854,977	820,809		(181)		(181)		820,628		(9,373)	(9,373)	5,661	02/15/2040
3137B9-ST-3	FHLMC MULTIFAMILY STRUCTURED P SERIES 4327 CLASS A 4.000% 02/15/40		02/01/2020	Paydown		100,268	100,268	107,678	103,375		(3,107)		(3,107)		100,268				454	02/15/2040
3137BG-6G-9	FHLMC SERIES 4428 CLASS LA 3.000% 06/15/39		02/04/2020	Various		2,126,610	2,074,186	2,148,808	2,132,808		(168)		(168)		2,132,640		(6,030)	(6,030)	11,062	06/15/2039
3137BG-6G-9	FHLMC SERIES 4428 CLASS LA 3.000% 06/15/39		02/01/2020	Paydown		92,966	92,966	96,310	95,593		(2,627)		(2,627)		92,966				350	06/15/2039
3137GA-D7-9	FHLMC SERIES 3721 CLASS PE 3.500% 09/15/40		02/04/2020	Various		4,391,896	4,155,931	4,380,611	4,346,845		(473)		(473)		4,346,372		45,524	45,524	25,859	09/15/2040
3137GA-D7-9	FHLMC SERIES 3721 CLASS PE 3.500% 09/15/40		02/01/2020	Paydown		138,434	138,434	145,918	144,793		(6,359)		(6,359)		138,434				615	09/15/2040
3199999	Subtotal - Bonds - U.S. Special Revenues					15,320,112	14,834,817	15,506,460	15,370,428		(23,188)		(23,188)		15,347,240		(27,128)	(27,128)	83,460	XXX
00206R-GD-8	AT&T INC 1.400% 06/12/24		02/04/2020	Various		4,073,636	4,000,000	4,000,000	4,000,000						4,000,000		73,636	73,636	18,744	06/12/2024
00287Y-BC-2	ABBVIE INC 3.750% 11/14/23		02/04/2020	Various		2,018,827	1,900,000	1,897,568	1,898,175		45		45		1,898,220		120,607	120,607	16,031	11/14/2023
015271-AM-1	AMEREN CORP 2.500% 09/15/24		02/04/2020	Various		2,605,450	2,425,000	2,482,424	2,472,931		(1,162)		(1,162)		2,471,769		133,681	133,681	53,889	01/15/2024
023608-AH-5	AMERICAN EXPRESS CO 3.125% 05/20/26		02/04/2020	Various		4,747,132	4,650,000	4,648,466	4,648,556		29		29		4,648,585		98,547	98,547	44,885	09/15/2024
025816-CF-4	ASSOCIATED BANK NA SERIES BKNT 3.500% 08/13/21		02/04/2020	Various		4,764,812	4,500,000	4,487,940	4,489,006		165		165		4,489,171		275,641	275,641	29,297	05/20/2026
04550K-AA-9	AVENTURA MALL TRUST SERIES 2013-AVM CLASS A 144A 3.743% 12/05/32		02/04/2020	Various		4,584,183	4,500,000	4,486,950	4,492,974		417		417		4,493,391		90,792	90,792	75,250	08/13/2021
05357H-AA-8	AXA EQUITABLE HOLDINGS I SERIES WII 3.900% 04/20/23		02/04/2020	Various		754,492	750,000	763,359	761,654		(28)		(28)		761,626		(7,134)	(7,134)	5,079	12/05/2032
054561-AC-9	BAE SYSTEMS HLDG SERIES 144A 2.850% 12/15/20		02/04/2020	Various		2,719,807	2,575,000	2,571,757	2,572,486		73		73		2,572,559		147,248	147,248	29,291	04/20/2023
05523U-AM-2	BB&T CORPORATION SERIES GMTN 2.200% 03/16/23		02/04/2020	Various		4,027,365	4,000,000	3,985,920	3,997,318		269		269		3,997,587		29,778	29,778	15,833	12/15/2020
05531F-BJ-1	BANK SERIES 2017-BNK6 CLASS A1 1.941% 07/15/60		02/04/2020	Various		3,029,155	3,000,000	2,997,780	2,997,966		61		61		2,998,027		31,128	31,128	25,483	03/16/2023
060352-AA-9	BANK SERIES 2017-BNK6 CLASS A1 1.941% 07/15/60		02/04/2020	Various		1,379,223	1,380,953	1,380,931	1,380,286		3		3		1,380,289		(1,066)	(1,066)	8,667	07/15/2060
060352-AA-9	BANK OF AMERICA NA 0.535% 07/26/21		02/01/2020	Paydown		697,562	697,562	697,550	697,225		337		337		697,562				1,342	07/15/2060
06050T-MN-9	BANK OF AMERICA CORP SERIES GMTN 2.369% 07/21/21		02/04/2020	Various		2,001,054	2,000,000	2,000,000	2,000,000						2,000,000		1,054	1,054	12,461	07/26/2021
06051G-GP-8			02/04/2020	Various		3,008,344	3,000,000	3,000,000	3,000,000						3,000,000		8,344	8,344	38,299	07/21/2021

ANNUAL STATEMENT FOR THE YEAR 2020 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
06051G-HR-3	BANK OF AMERICA CORP SERIES MTN 3.458% 03/15/25		02/04/2020	Various		2,112,649	2,000,000	2,000,000	2,000,000						2,000,000		112,649	112,649	26,896	03/15/2025
06405L-AB-7	BANK OF NEW YORK MELLON SERIES BKNT 0.511% 06/04/21		02/04/2020	Various		2,001,949	2,000,000	2,000,000	2,000,000						2,000,000		1,949	1,949	7,630	06/04/2021
110122-BK-3	BRISTOL-MYERS SQUIBB CO 3.250% 02/20/23 BRISTOL MYERS SQUIBB CO SERIES 144A		02/04/2020	Various		2,081,860	2,000,000	2,059,429	2,057,571		(1,807)		(1,807)		2,055,764		26,096	26,096	29,792	02/20/2023
110122-BZ-0	2.900% 07/26/24		02/04/2020	Various		7,193,913	6,900,000	6,873,228	6,876,472		494		494		6,876,966		316,947	316,947	143,961	07/26/2024
124857-AS-2	CBS CORP 2.500% 02/15/23		02/04/2020	Various		2,542,520	2,500,000	2,485,650	2,492,024		245		245		2,492,269		50,251	50,251	29,514	02/15/2023
124857-AY-9	CBS CORP SERIES W1 2.900% 06/01/23		02/04/2020	Various		5,148,679	5,000,000	4,899,846	4,923,427		2,149		2,149		4,925,576		223,103	223,103	25,778	06/01/2023
12531Y-AJ-7	CFORE COMMERCIAL MORTGAGE TRUS SERIES 2016- C4 CLASS A1 1.501% 05/10/58		02/04/2020	Various		1,089,574	1,092,260	1,092,246	1,091,865		(3)		(3)		1,091,862		(2,288)	(2,288)	2,915	05/10/2058
12531Y-AJ-7	CFORE COMMERCIAL MORTGAGE TRUS SERIES 2016- C4 CLASS A1 1.501% 05/10/58		02/01/2020	Paydown		200,140	200,140	200,137	200,068		72		72		200,140				377	05/10/2058
12532A-AW-9	CFORE COMMERCIAL MORTGAGE TRUS SERIES 2016- C6 CLASS A1 1.519% 11/15/49		02/04/2020	Various		745,635	747,967	747,948	747,695		(1)		(1)		747,694		(2,059)	(2,059)	2,020	11/15/2049
12532A-AW-9	CFORE COMMERCIAL MORTGAGE TRUS SERIES 2016- C6 CLASS A1 1.519% 11/15/49		02/01/2020	Paydown		351,368	351,368	351,359	351,240		128		128		351,368				499	11/15/2049
125523-AE-0	CIGNA CORP SERIES W1 3.400% 09/17/21		02/04/2020	Various		3,074,622	3,000,000	3,000,000	3,000,000						3,000,000		74,622	74,622	39,100	09/17/2021
125523-AF-7	CIGNA CORP SERIES W1 3.750% 07/15/23		02/04/2020	Various		4,224,643	4,000,000	3,998,294	3,998,447		42		42		3,998,489		226,154	226,154	83,333	07/15/2023
12596J-AD-5	CNH EQUIPMENT TRUST SERIES 2019-A CLASS A4 3.220% 01/15/26		02/04/2020	Various		1,924,698	1,850,000	1,849,446	1,849,535		10		10		1,849,545		75,153	75,153	8,274	01/15/2026
12635Y-AE-3	CNH EQUIPMENT TRUST SERIES 2016-C CLASS A4 1.760% 09/15/23		02/04/2020	Various		3,445,272	3,450,000	3,449,804	3,449,520		10		10		3,449,530		(4,258)	(4,258)	8,433	09/15/2023
126650-DE-7	CVS HEALTH CORP 2.625% 08/15/24		02/04/2020	Various		3,267,486	3,200,000	3,188,725	3,189,583		216		216		3,189,799		77,687	77,687	39,667	08/15/2024
14040H-CA-1	CAPITAL ONE FINANCIAL CO 3.900% 01/29/24		02/04/2020	Various		3,418,472	3,200,000	3,193,088	3,194,365		132		132		3,194,497		223,975	223,975	64,480	01/29/2024
14041N-FQ-9	CAPITAL ONE MULTI ASSET EXECUT SERIES 2017- A6 CLASS A6 2.290% 07/15/25		02/04/2020	Various		2,544,145	2,500,000	2,499,417	2,499,640		9		9		2,499,649		44,496	44,496	7,951	07/15/2025
14314X-AC-3	CARMAX AUTO OWNER TRUST SERIES 2018-2 CLASS A3 2.980% 01/17/23		02/04/2020	Various		1,012,355	1,000,000	999,814	999,840		12		12		999,852		12,503	12,503	4,139	01/17/2023
14314X-AD-1	CARMAX AUTO OWNER TRUST SERIES 2018-2 CLASS A4 3.160% 07/17/23		02/04/2020	Various		1,026,627	1,000,000	999,997	999,877		4		4		999,881		26,746	26,746	4,389	07/17/2023
14913Q-2Z-1	CATERPILLAR FINL SERVICE SERIES MTN 2.180% 03/08/21		02/04/2020	Various		2,506,090	2,500,000	2,500,000	2,500,000						2,500,000		6,090	6,090	8,952	03/08/2021
17290X-AQ-3	CITIGROUP COMMERCIAL MORTGAGE SERIES 2016- GC37 CLASS A1 1.635% 04/10/49		02/04/2020	Various		187,740	187,916	187,912	187,843		(1)		(1)		187,842		(102)	(102)	546	04/10/2049
17290X-AQ-3	CITIGROUP COMMERCIAL MORTGAGE SERIES 2016- GC37 CLASS A1 1.635% 04/10/49		02/01/2020	Paydown		175,646	175,646	175,642	175,577		69		69		175,646				365	04/10/2049
172967-LV-1	CITIGROUP INC 3.142% 01/24/23		02/04/2020	Various		4,089,037	4,000,000	4,006,080	4,004,528		(211)		(211)		4,004,317		84,720	84,720	66,680	01/24/2023
172967-MF-5	CITIGROUP INC 3.352% 04/24/25		02/04/2020	Various		3,675,535	3,500,000	3,500,000	3,500,000						3,500,000		175,535	175,535	32,915	04/24/2025
17325D-AA-1	CITIGROUP COMMERCIAL MORTGAGE SERIES 2016-P5 CLASS A1 1.410% 10/10/49		02/04/2020	Various		1,207,492	1,212,710	1,212,699	1,212,340		(3)		(3)		1,212,337		(4,845)	(4,845)	3,040	10/10/2049
17325D-AA-1	CITIGROUP COMMERCIAL MORTGAGE SERIES 2016-P5 CLASS A1 1.410% 10/10/49		02/01/2020	Paydown		145,132	145,132	145,131	145,088		44		44		145,132				257	10/10/2049
20453K-AB-1	COMPASS BANK SERIES BKNT 2.875% 06/29/22		02/04/2020	Various		5,104,396	5,000,000	4,992,350	4,996,187		147		147		4,996,334		108,062	108,062	14,375	06/29/2022
233851-CK-8	DAIMLER FINANCE NA LLC SERIES 144A 2.200% 10/30/21		02/04/2020	Various		4,013,508	4,000,000	3,998,880	3,999,590		21		21		3,999,611		13,897	13,897	23,222	10/30/2021
233851-DN-1	DAIMLER FINANCE NA LLC SERIES 144A 3.750% 11/05/21		02/04/2020	Various		3,601,577	3,500,000	3,496,745	3,497,998		104		104		3,498,102		103,475	103,475	32,813	11/05/2021
25466A-AJ-0	DISCOVER BANK 3.450% 07/27/26		02/04/2020	Various		5,267,233	5,000,000	4,886,590	4,897,591		1,494		1,494		4,899,085		368,148	368,148	90,083	07/27/2026
25746U-DA-4	DOMINION ENERGY INC 2.381% 08/15/21		02/04/2020	Various		2,880,921	2,850,000	2,850,684	2,850,519		(31)		(31)		2,850,488		30,433	30,433	36,539	08/15/2021
260543-CT-8	DOW CHEMICAL CO THE SERIES W1 3.150% 05/15/24		02/04/2020	Various		2,096,312	2,000,000	1,996,222	1,996,321		81		81		1,996,402		99,910	99,910	14,000	05/15/2024
26444G-AA-1	DUKE ENERGY FLORIDA LLC SERIES 2018 1.196% 03/01/20		02/04/2020	Various		241,868	242,840	242,838	242,840						242,840		(972)	(972)	1,242	03/01/2020
26444G-AB-9	DUKE ENERGY FL PROJ FIN SERIES 2021 1.731% 09/01/22		02/04/2020	Various		2,511,947	2,500,000	2,499,950	2,499,978		1		1		2,499,979		11,968	11,968	18,512	09/01/2022
277432-AV-2	EASTMAN CHEMICAL CO 3.500% 12/01/21		02/04/2020	Various		2,778,963	2,700,000	2,692,629	2,695,397		230		230		2,695,627		83,336	83,336	16,800	12/01/2021

ANNUAL STATEMENT FOR THE YEAR 2020 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
30161M-AR-4	EXELON GENERATION CO LLC 3.400% 03/15/22		02/04/2020	Various		1,852,224	1,800,000	1,796,130	1,798,301		74		74		1,798,375		53,849	53,849	23,800	03/15/2022
337738-AQ-1	FISERV INC 3.800% 10/01/23		02/04/2020	Various		4,244,038	4,000,000	3,998,160	3,998,625		35		35		3,998,660		245,378	245,378	52,356	10/01/2023
341081-FW-2	FLORIDA POWER & LIGHT CO 0.632% 05/06/22		02/04/2020	Various		4,000,274	4,000,000	4,000,000	4,000,000						4,000,000		274	274	23,339	05/06/2022
34531J-AE-5	FORD CREDIT AUTO LEASE TRUST SERIES 2018-A CLASS A4 3.050% 08/15/21		02/04/2020	Various		1,005,280	1,000,000	999,967	999,902		7		7		999,909		5,371	5,371	4,236	08/15/2021
35137L-AB-1	FOX CORP SERIES 144A 4.030% 01/25/24		02/04/2020	Various		2,147,362	2,000,000	2,000,000	2,000,000						2,000,000		147,362	147,362	42,539	01/25/2024
36251P-AA-2	GS MORTGAGE SECURITIES TRUST SERIES 2016 GS3 CLASS A1 1.429% 10/10/49		02/04/2020	Various		415,812	416,823	416,817	416,755						416,755		(943)	(943)	1,059	10/10/2049
36251P-AA-2	GS MORTGAGE SECURITIES TRUST SERIES 2016 GS3 CLASS A1 1.429% 10/10/49		02/01/2020	Paydown		80,201	80,201	80,200	80,188		13		13		80,201				143	10/10/2049
38141G-WJ-9	GOLDMAN SACHS GROUP INC/THE 2.908% 06/05/23		02/04/2020	Various		2,550,606	2,500,000	2,500,000	2,500,000						2,500,000		50,606	50,606	12,117	06/05/2023
38141G-XE-9	GOLDMAN SACHS GROUP INC 3.625% 02/20/24		02/04/2020	Various		874,766	825,000	823,994	824,168		19		19		824,187		50,579	50,579	13,707	02/20/2024
38148Y-AB-4	GOLDMAN SACHS GROUP INC 0.994% 10/31/22		02/04/2020	Various		4,036,160	4,000,000	4,000,000	4,000,000						4,000,000		36,160	36,160	29,094	10/31/2022
431282-AN-2	HIGHWOODS REALTY LP 3.200% 06/15/21		02/04/2020	Various		4,736,850	4,675,000	4,702,204	4,685,110		(806)		(806)		4,684,304		52,546	52,546	20,778	06/15/2021
44891A-BA-4	HYUNDAI CAPITAL AMERICA SERIES 144A 3.000% 06/20/22		02/04/2020	Various		2,541,443	2,500,000	2,499,350	2,499,465		21		21		2,499,486		41,957	41,957	9,375	06/20/2022
459200-JY-8	IBM CORP 3.000% 05/15/24		02/04/2020	Various		5,230,317	5,000,000	4,980,900	4,983,315		366		366		4,983,681		246,636	246,636	33,333	05/15/2024
460690-BN-9	INTERPUBLIC GROUP OF COS INC SERIES 3YR 3.750% 10/01/21		02/04/2020	Various		2,111,929	2,050,000	2,048,586	2,049,182		45		45		2,049,227		62,702	62,702	26,479	10/01/2021
46646R-AG-8	JPMDB COMMERCIAL MORTGAGE SECU SERIES 2016-C4 CLASS A1 1.536% 12/15/49		02/04/2020	Various		1,245,140	1,251,087	1,251,087	1,251,088						1,251,088		(5,948)	(5,948)	3,416	12/15/2049
46646R-AG-8	JPMDB COMMERCIAL MORTGAGE SECU SERIES 2016-C4 CLASS A1 1.536% 12/15/49		02/01/2020	Paydown		108,696	108,696	108,696	108,696						108,696				209	12/15/2049
46647P-AE-6	JPMORGAN CHASE & CO 2.776% 04/25/23		02/04/2020	Various		2,217,657	2,175,000	2,168,440	2,169,484		160		160		2,169,644		48,013	48,013	16,772	04/25/2023
46647P-BF-2	JPMORGAN CHASE & CO 2.301% 10/15/25		02/04/2020	Various		5,061,099	5,000,000	5,000,000	5,000,000						5,000,000		61,099	61,099	45,700	10/15/2025
46648H-AE-3	JP MORGAN MORTGAGE TRUST SERIES 2017-2 CLASS A5 144A 3.500% 05/25/47		02/04/2020	Various		2,185,250	2,141,225	2,094,385	2,095,989		71		71		2,096,060		89,190	89,190	13,323	05/25/2047
46648H-AE-3	JP MORGAN MORTGAGE TRUST SERIES 2017-2 CLASS A5 144A 3.500% 05/25/47		02/01/2020	Paydown		179,158	179,158	175,239	175,373		3,785		3,785		179,158				692	05/25/2047
46849L-SW-2	JACKSON NATL LIFE GLOBAL SERIES 144A 2.500% 06/27/22		02/04/2020	Various		2,030,550	2,000,000	1,993,940	1,996,987		116		116		1,997,103		33,447	33,447	5,278	06/27/2022
46849L-TK-7	JACKSON NATL LIFE GLOBAL SERIES 144A 2.650% 06/21/24		02/04/2020	Various		5,135,964	5,000,000	4,990,250	4,991,285		187		187		4,991,472		144,492	144,492	16,194	06/21/2024
534187-BD-0	LINCOLN NATIONAL CORP 4.000% 09/01/23		02/04/2020	Various		830,722	775,000	801,590	792,565		(459)		(459)		792,106		38,616	38,616	13,261	09/01/2023
55336V-BG-4	MPLX LP 1.130% 09/09/21		02/04/2020	Various		1,606,946	1,600,000	1,600,000	1,600,000						1,600,000		6,946	6,946	7,179	09/09/2021
61744Y-AN-8	MORGAN STANLEY SERIES GMTN 3.125% 01/23/23		02/04/2020	Various		4,920,708	4,750,000	4,709,580	4,722,688		855		855		4,723,543		197,165	197,165	79,167	01/23/2023
61766E-BA-2	MORGAN STANLEY BAML TRUST SERIES 2016-C29 CLASS A1 1.597% 05/15/49		02/04/2020	Various		299,763	300,404	300,403	300,332						300,332		(569)	(569)	853	05/15/2049
61766E-BA-2	MORGAN STANLEY BAML TRUST SERIES 2016-C29 CLASS A1 1.597% 05/15/49		02/01/2020	Paydown		351,959	351,959	351,959	351,875		84		84		351,959				536	05/15/2049
61767F-AW-1	MORGAN STANLEY CAPITAL I TRUST SERIES 2016-UB11 CLASS A1 1.445% 08/15/49		02/04/2020	Various		366,837	368,505	368,502	368,328		2		2		368,330		(1,493)	(1,493)	947	08/15/2049
61767F-AW-1	MORGAN STANLEY CAPITAL I TRUST SERIES 2016-UB11 CLASS A1 1.445% 08/15/49		02/01/2020	Paydown		49,092	49,092	49,092	49,069		23		23		49,092				89	08/15/2049
63941M-AB-7	NAVIENT STUDENT LOAN TRUST SERIES 2019-EA CLASS A2A 144A 2.640% 05/15/68		02/04/2020	Various		3,029,595	3,000,000	2,998,937	2,999,004		15		15		2,999,019		30,576	30,576	11,000	05/15/2068
64952W-DK-6	NEW YORK LIFE GLOBAL FDG SERIES 144A 2.100% 01/21/22		02/04/2020	Various		2,859,275	2,850,000	2,850,000	2,850,000						2,850,000		9,275	9,275	18,581	01/21/2022
674599-CP-8	OCCIDENTAL PETROLEUM CORP 2.700% 08/15/22		02/04/2020	Various		1,849,978	1,825,000	1,823,047	1,823,306		62		62		1,823,368		26,610	26,610	24,227	08/15/2022
674599-CU-7	OCCIDENTAL PETROLEUM CORP 2.600% 08/13/21		02/04/2020	Various		3,002,029	2,975,000	2,972,382	2,972,901		125		125		2,973,026		29,003	29,003	38,030	08/13/2021
69363P-AA-8	PUBLIC SERVICE NEW HAMPSHIR SERIES 2018-1 CLASS A1 3.094% 02/01/26		02/04/2020	Various		2,466,745	2,403,017	2,402,964	2,402,905		80		80		2,402,985		63,760	63,760	38,001	02/01/2026

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69363P-AA-8	PUBLIC SERVICE NEW HAMPSHIR SERIES 2018-1 CLASS A1 3.094% 02/01/26		02/01/2020	Paydown		320,547	320,547	320,547	320,532				15		320,547				4,959	02/01/2026
701094-AM-6	PARKER HANNIFIN CORP 2.700% 06/14/24		02/04/2020	Various		2,965,220	2,875,000	2,873,678	2,873,823		25		25		2,873,848		91,372	91,372	10,997	06/14/2024
74153W-CL-1	PRICOA GLOBAL FUNDING 1 SERIES 144A 2.400% 09/23/24		02/04/2020	Various		5,114,339	5,000,000	4,999,550	4,999,574		9		9		4,999,583		114,756	114,756	44,000	09/23/2024
74368C-AH-7	PROTECTIVE LIFE GLOBAL SERIES 144A 2.615% 08/22/22		02/04/2020	Various		2,542,522	2,500,000	2,500,000	2,500,000						2,500,000		42,522	42,522	29,600	08/22/2022
74368C-AP-9	PROTECTIVE LIFE GLOBAL SERIES 144A 3.104% 04/15/24		02/04/2020	Various		2,086,477	2,000,000	2,000,000	2,000,000						2,000,000		86,477	86,477	18,969	04/15/2024
744573-AL-0	PUBLIC SERVICE ENTERPRISE GROU 2.650% 11/15/22		02/04/2020	Various		5,097,035	5,000,000	4,993,650	4,996,371		121		121		4,996,492		100,543	100,543	29,444	11/15/2022
759187-CD-7	REGIONS BANK SERIES BKNT 3.374% 08/13/21		02/04/2020	Various		3,023,404	3,000,000	3,000,000	3,000,000						3,000,000		23,404	23,404	48,361	08/13/2021
78448W-AB-1	SMB PRIVATE EDUCATION LOAN TRU SERIES 2017-A CLASS A2A 144A 2.880% 09/15/34		02/04/2020	Various		1,647,028	1,624,842	1,624,270	1,632,707		(132)		(132)		1,632,575		14,453	14,453	6,499	09/15/2034
78448W-AB-1	SMB PRIVATE EDUCATION LOAN TRU SERIES 2017-A CLASS A2A 144A 2.880% 09/15/34		01/15/2020	Paydown		36,729	36,729	36,716	36,907		(178)		(178)		36,729				88	09/15/2034
80282K-AY-2	SANTANDER HOLDINGS USA SERIES 144A 3.244% 10/05/26		02/04/2020	Tax Free Exchange		4,186,562	4,175,000	4,187,170	4,186,728		(166)		(166)		4,186,562				45,146	10/05/2026
83401B-AB-2	SOCIAL PROFESSIONAL LOAN PROGR SERIES 2017-F CLASS A2FX 144A 2.840% 01/25/41		02/04/2020	Various		1,017,226	1,000,000	999,573	999,645		8		8		999,653		17,573	17,573	3,156	01/25/2041
83405D-AC-2	SOCIAL PROFESSIONAL LOAN PROG SERIES 2017-C CLASS A2B 144A 2.630% 07/25/40		02/04/2020	Various		935,882	929,234	928,996	928,835		5		5		928,840		7,042	7,042	2,715	07/25/2040
83405D-AC-2	SOCIAL PROFESSIONAL LOAN PROG SERIES 2017-C CLASS A2B 144A 2.630% 07/25/40		01/25/2020	Paydown		43,780	43,780	43,769	43,761		19		19		43,780				96	07/25/2040
928668-AZ-5	VOLKSWAGEN GROUP AMERICA SERIES 144A 2.700% 09/26/22		02/04/2020	Various		4,065,784	4,000,000	3,998,520	3,998,652		47		47		3,998,699		67,085	67,085	38,700	09/26/2022
95000U-2B-8	WELLS FARGO & COMPANY 2.625% 07/22/22		02/04/2020	Various		4,075,600	4,000,000	3,996,480	3,998,199		68		68		3,998,267		77,333	77,333	56,292	07/22/2022
95000U-2C-6	WELLS FARGO & COMPANY SERIES MTN 3.750% 01/24/24		02/04/2020	Various		1,920,185	1,800,000	1,796,742	1,797,352		62		62		1,797,414		122,771	122,771	35,813	01/24/2024
95040Q-AE-4	WELL TOWER 3.950% 09/01/23		02/04/2020	Various		4,253,055	4,000,000	3,998,680	3,999,041		25		25		3,999,066		253,989	253,989	67,589	09/01/2023
95040Q-AG-9	WELLTOWER INC 3.625% 03/15/24		02/04/2020	Various		2,121,267	2,000,000	1,993,140	1,994,324		129		129		1,994,453		126,814	126,814	28,194	03/15/2024
06367W-MQ-3	BANK OF MONTREAL SERIES MTN 2.500% 06/28/24	A	02/04/2020	Various		3,069,705	3,000,000	2,999,580	2,999,623		8		8		2,999,631		70,074	70,074	7,708	06/28/2024
064159-MK-9	BANK OF NOVA SCOTIA 3.400% 02/11/24	A	02/04/2020	Various		2,111,489	2,000,000	1,998,180	1,998,503		35		35		1,998,538		112,951	112,951	32,867	02/11/2024
064159-QE-9	BANK OF NOVA SCOTIA 2.700% 08/03/26	A	02/04/2020	Various		5,171,598	5,000,000	4,987,000	4,987,792		178		178		4,987,970		183,628	183,628	69,750	08/03/2026
13607G-AP-9	CANADIAN IMPERIAL BANK 3.100% 04/02/24	A	02/04/2020	Various		4,695,169	4,500,000	4,496,895	4,497,361		59		59		4,497,420		197,749	197,749	47,663	04/02/2024
775109-BF-7	ROGERS COMMUNICATIONS IN 2.900% 11/15/26	A	02/04/2020	Various		1,452,511	1,400,000	1,391,572	1,392,177		109		109		1,392,286		60,225	60,225	9,022	11/15/2026
78013X-W2-0	ROYAL BANK OF CANADA 3.700% 10/05/23	A	02/04/2020	Various		4,262,872	4,000,000	3,991,680	3,993,745		159		159		3,993,904		268,968	268,968	49,333	10/05/2023
89114Q-CA-4	TORONTO DOMINION BANK SERIES MTN 2.650% 06/12/24	A	02/04/2020	Various		3,614,058	3,500,000	3,499,510	3,499,565		9		9		3,499,574		114,484	114,484	13,655	06/12/2024
89114Q-CC-0	TORONTO DOMINION BANK SERIES GMTN 0.499% 03/17/21	A	02/04/2020	Various		4,008,895	4,000,000	4,000,000	4,000,000						4,000,000		8,895	8,895	12,054	03/17/2021
00182E-BA-6	ANZ NEW ZEALAND INTL SERIES 144A 2.125% 07/28/21	D	02/04/2020	Various		3,317,827	3,300,000	3,297,030	3,299,066		57		57		3,299,123		18,704	18,704	36,426	07/28/2021
00216L-AC-7	ASB BANK LIMITED 3.125% 05/23/24	D	02/04/2020	Various		2,082,700	2,000,000	1,995,600	1,996,137		84		84		1,996,221		86,479	86,479	12,500	05/23/2024
05964H-AD-7	BANCO SANTANDER SA 3.000% 02/23/23	D	02/04/2020	Various		4,046,226	4,000,000	4,000,000	4,000,000						4,000,000		46,226	46,226	23,996	02/23/2023
05964H-AH-8	BANCO SANTANDER SA 2.968% 04/12/23	D	02/04/2020	Various		2,823,901	2,800,000	2,800,000	2,800,000						2,800,000		23,901	23,901	27,155	04/12/2023
09659W-2E-3	BNP PARIBAS SERIES 144A 3.500% 03/01/23	D	02/04/2020	Various		4,697,882	4,500,000	4,490,370	4,493,908		185		185		4,494,093		203,789	203,789	67,375	03/01/2023
12563T-AA-8	CK HUTCHISON INTL 16 LTD SERIES 144A 1.875% 10/03/21	D	02/04/2020	Various		4,972,485	5,000,000	4,967,100	4,988,451		631		631		4,989,082		(16,597)	(16,597)	31,771	10/03/2021
29278G-AL-2	ENEL FINANCE INTL NV SERIES 144A 2.650% 09/10/24	D	02/04/2020	Various		7,626,279	7,500,000	7,490,925	7,491,486		174		174		7,491,660		134,619	134,619	80,052	09/10/2024
404280-BM-0	HSBC HOLDINGS PLC 3.033% 11/22/23	D	02/04/2020	Various		2,182,310	2,125,000	2,125,000	2,125,000						2,125,000		57,310	57,310	13,069	11/22/2023
404280-BZ-1	HSBC HOLDINGS PLC 3.803% 03/11/25	D	02/04/2020	Various		4,235,614	4,000,000	4,000,000	4,000,000						4,000,000		235,614	235,614	60,848	03/11/2025
456837-AL-7	ING GROEP NV 1.234% 10/02/23	D	02/04/2020	Various		4,055,089	4,000,000	4,000,000	4,000,000						4,000,000		55,089	55,089	42,528	10/02/2023
456837-AP-8	ING GROEP NV 3.550% 04/09/24	D	02/04/2020	Various		3,969,591	3,750,000	3,744,375	3,745,197		108		108		3,745,305		224,286	224,286	42,896	04/09/2024

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55608J-AJ-7	MACQUARIE GROUP LTD SERIES 144A 3.164% 11/28/23	D	02/04/2020	Various		4,029,320	4,000,000	4,000,000	4,000,000						4,000,000		29,320	29,320	22,166	11/28/2023
606822-AG-9	606822-AG-9 MITSUBISHI UFJ FIN GRP 2.190% 09/13/21	D	02/04/2020	Various		5,026,467	5,000,000	5,000,000	5,000,000						5,000,000		26,467	26,467	43,192	09/13/2021
606822-BD-5	606822-BD-5 MITSUBISHI UFJ FIN GRP 3.407% 03/07/24	D	02/04/2020	Various		2,631,095	2,500,000	2,500,000	2,500,000						2,500,000		131,095	131,095	35,016	03/07/2024
60682L-AA-0	60682L-AA-0 MITSUBISHI UFJ LEASE&FIN SERIES 144A 2.652% 09/19/22	D	02/04/2020	Various		3,541,853	3,500,000	3,500,000	3,500,000						3,500,000		41,853	41,853	35,065	09/19/2022
60687Y-AE-9	60687Y-AE-9 MIZUHO FINANCIAL GROUP 2.273% 09/13/21	D	02/04/2020	Various		3,020,643	3,000,000	3,000,000	3,000,000						3,000,000		20,643	20,643	26,897	09/13/2021
80283L-AX-1	80283L-AX-1 SANTANDER UK PLC 2.875% 06/18/24	D	02/04/2020	Various		4,134,177	4,000,000	3,985,040	3,986,653		287		287		3,986,940		147,237	147,237	15,014	06/18/2024
83368R-AT-9	83368R-AT-9 SOCIETE GENERALE SERIES 144A 3.875% 03/28/24	D	02/04/2020	Various		4,243,067	4,000,000	3,997,480	3,997,868		45		45		3,997,913		245,154	245,154	54,681	03/28/2024
86562M-AU-4	86562M-AU-4 SUMITOMO MITSUI FINL GRP 2.778% 10/18/22	D	02/04/2020	Various		1,508,938	1,475,000	1,475,000	1,475,000						1,475,000		33,938	33,938	12,179	10/18/2022
86562M-BT-6	86562M-BT-6 SUMITOMO MITSUI FINL GRP 2.448% 09/27/24	D	02/04/2020	Various		6,079,361	6,000,000	6,000,000	6,000,000						6,000,000		79,361	79,361	52,224	09/27/2024
90352J-AE-3	90352J-AE-3 UBS GROUP FUNDING SWITZE SERIES 144A 2.859% 08/15/23	D	02/04/2020	Various		2,549,553	2,500,000	2,500,000	2,499,996						2,499,996		49,557	49,557	33,752	08/15/2023
8399999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)						358,538,788	349,489,793	349,054,037	349,162,408		10,931		10,931		349,173,339		9,365,449	9,365,449	3,371,322	XXX
8399997. Total - Bonds - Part 4						396,667,685	387,090,610	387,271,349	387,250,605		(9,558)		(9,558)		387,241,047		9,426,638	9,426,638	3,601,415	XXX
8399998. Total - Bonds - Part 5						9,294,038	9,175,000	6,683,632			4		4		9,185,199		108,839	108,839	51,903	XXX
8399999. Total - Bonds						405,961,723	396,265,610	393,954,981	387,250,605		(9,554)		(9,554)		396,426,246		9,535,477	9,535,477	3,653,318	XXX
8999997. Total - Preferred Stocks - Part 4							XXX													XXX
8999998. Total - Preferred Stocks - Part 5							XXX													XXX
8999999. Total - Preferred Stocks							XXX													XXX
22544K-88-8	22544K-88-8 Credit Suisse Commodity Return Strat Port		12/31/2020	Various	31,966,000	93,074		123,165	117,316	5,849			5,849		123,165		(30,086)	(30,086)	3,839	
246493-54-8	246493-54-8 DELAWARE Del VIP Diversf Inc Ser Std 1		12/31/2020	Various	57,177,000	624,246		591,487	612,369	(20,882)			(20,882)		591,487		32,759	32,759	9,255	
22544K-88-8	22544K-88-8 Credit Suisse Commodity Return Strat Port		12/31/2020	Various	4,210,000	11,876		16,275	15,451	824			824		16,275		(4,399)	(4,399)	590	
246493-54-8	246493-54-8 DELAWARE Del VIP Diversf Inc Ser Std 1		12/31/2020	Various	2,846,888,000	31,178,578		29,560,176	30,490,165	(929,989)			(929,989)		29,560,176		1,618,402	1,618,402	536,598	
246493-67-0	246493-67-0 DELAWARE Del VIP Sml Cap Val Ser Std 1		12/31/2020	Various	13,585,000	377,763		472,404	520,318	(47,915)			(47,915)		472,403		(94,640)	(94,640)	26,045	
246493-54-8	246493-54-8 DELAWARE Del VIP Diversf Inc Ser Std 1		12/31/2020	Various	129,950,000	1,421,754		1,315,816	1,391,766	(75,951)			(75,951)		1,315,815		105,939	105,939	29,902	
246493-67-0	246493-67-0 DELAWARE Del VIP Sml Cap Val Ser Std 1		12/31/2020	Various	263,106,000	7,548,846		9,742,434	10,076,988	(334,534)			(334,534)		9,742,434		(2,193,588)	(2,193,588)	408,591	
41015H-71-1	41015H-71-1 John Hancock Emerging Markets Value Trust		12/31/2020	Various	49,504,000	403,795		436,283	472,762	(36,479)			(36,479)		436,283		(32,488)	(32,488)	914	
246493-67-0	246493-67-0 DELAWARE Del VIP Sml Cap Val Ser Std 1		12/31/2020	Various	39,129,000	1,174,371		1,479,432	1,498,623	(19,191)			(19,191)		1,479,432		(305,061)	(305,061)	67,250	
246493-76-1	246493-76-1 DELAWARE Del VIP Intl Val Eq Ser Std 1		12/11/2020	Various	3,636,336,000	41,938,192		42,540,248	44,763,296	(2,223,048)			(2,223,048)		42,540,248		(602,056)	(602,056)	3,016,694	
552748-10-5	552748-10-5 MFin M International Equity Fd		12/31/2020	Various	20,075,000	228,498		261,388	249,327	12,061			12,061		261,388		(32,890)	(32,890)	45	
246493-76-1	246493-76-1 DELAWARE Del VIP Intl Val Eq Ser Std 1		12/11/2020	Various	220,401,000	2,537,249		2,656,690	2,713,137	(56,447)			(56,447)		2,656,690		(119,441)	(119,441)	177,005	
41015H-71-1	41015H-71-1 John Hancock Emerging Markets Value Trust		12/31/2020	Various	1,273,077,000	10,236,012		12,103,908	12,157,883	(53,975)			(53,975)		12,103,908		(1,867,896)	(1,867,896)	71,405	
552748-20-4	552748-20-4 MFin M Large Cap Growth Fd		12/31/2020	Various	50,555,000	1,612,069		1,190,707	1,482,779	(292,072)			(292,072)		1,190,707		421,362	421,362	6,984	
41015H-71-1	41015H-71-1 John Hancock Emerging Markets Value Trust		12/31/2020	Various	260,847,000	2,067,038		2,557,895	2,491,084	66,810			66,810		2,557,894		(490,856)	(490,856)	13,002	
471021-43-6	471021-43-6 Janus Henderson Mid-Cap Value Port Inst		12/31/2020	Various	273,813,000	3,869,909		4,418,905	4,580,895	(161,990)			(161,990)		4,418,905		(548,996)	(548,996)	50,104	
552748-30-3	552748-30-3 MFin M Capital Appreciation Fd		12/31/2020	Various	202,977,000	4,645,540		5,429,497	5,084,567	344,930			344,930		5,429,497		(783,957)	(783,957)	31,138	
471021-43-6	471021-43-6 Janus Henderson Mid-Cap Value Port Inst		12/31/2020	Various	65,676,000	921,323		1,071,389	1,098,764	(27,375)			(27,375)		1,071,389		(150,066)	(150,066)	9,848	
471021-70-9	471021-70-9 Janus Henderson Overseas Port Inst		12/31/2020	Various	21,850,000	637,186		601,252	727,391	(126,139)			(126,139)		601,252		35,934	35,934	1,450	
552748-50-1	552748-50-1 MFin M Business Opp Val Fd		12/31/2020	Various	34,402,000	351,599		429,498	440,342	(10,844)			(10,844)		429,498		(77,899)	(77,899)	2,499	
471021-70-9	471021-70-9 Janus Henderson Overseas Port Inst		12/31/2020	Various	9,481,000	298,469		241,689	315,620	(73,932)			(73,932)		241,688		56,781	56,781	944	
471021-86-5	471021-86-5 Janus Henderson Forty Port Inst		12/31/2020	Various	151,700,000	7,067,237		6,072,322	6,732,454	(660,132)			(660,132)		6,072,322		994,915	994,915	239,105	
693394-58-7	693394-58-7 PIMCO-PVIT EmglMktBond Inst		12/31/2020	Various	24,306,000	321,577		307,191	320,600	(13,408)			(13,408)		307,192		14,385	14,385	932	
471021-86-5	471021-86-5 Janus Henderson Forty Port Inst		12/31/2020	Various	39,335,000	1,860,469		1,570,915	1,745,706	(174,791)			(174,791)		1,570,915		289,554	289,554	74,327	
52467K-83-9	52467K-83-9 Legg Mason WA Var Global High Yield Bd 1		12/31/2020	Various	693,621,000	4,838,776		5,012,352	4,994,069	18,282			18,282		5,012,351		(173,575)	(173,575)	14,006	
693394-67-8	693394-67-8 PIMCO-PVIT Gbl Bd Unhdgd Inst		12/31/2020	Various	2,100,000	23,708		23,963	23,837	126			126		23,963		(255)	(255)	171	
52467K-83-9	52467K-83-9 Legg Mason WA Var Global High Yield Bd 1		12/31/2020	Various	52,861,000	370,194		378,967	380,599	(1,632)			(1,632)		378,967		(8,773)	(8,773)	1,360	
52467M-84-3	52467M-84-3 Legg Mason Clrbrdg Var Sml Cap Grw Cl 1		12/31/2020	Various	122,906,000	3,399,761		3,414,469	3,384,819	29,650			29,650		3,414,469		(14,708)	(14,708)	29,812	
693394-74-4	693394-74-4 PIMCO-PVIT Real Return Inst		12/31/2020	Various	5,396,000	72,047		66,517	68,205	(1,688)			(1,688)		66,517		5,530	5,530	613	
52467M-84-3	52467M-84-3 Legg Mason Clrbrdg Var Sml Cap Grw Cl 1		12/31/2020	Various	22,553,000	666,274		634,846	621,095	13,750			13,750		634,845		31,429	31,429	6,309	
52467X-20-3	52467X-20-3 Legg Mason Clrbrdg Var Aggres Growth Cl 1		12/31/2020	Various	334,816,000	8,991,255		9,000,889	9,408,318	(407,429)			(407,429)		9,000,889		(9,634)	(9,634)	85,314	
693394-78-5	693394-78-5 PIMCO VIT Tot Ret Port Inst		12/31/2020	Various	39,838,000	448,344		434,216	439,014	(4,798)			(4,798)		434,216		14,128	14,128	8,523	
52467X-20-3	52467X-20-3 Legg Mason Clrbrdg Var Aggres Growth Cl 1		12/31/2020	Various	31,353,000	822,702		851,324	881,007	(29,684)			(29,684)		851,323		(28,621)	(28,621)	3,893	
55273F-10-0	55273F-10-0 MFS-VIT Growth Series		12/31/2020	Various	9,963,000	626,950		498,001	591,788	(93,787)			(93,787)		498,001		128,949	128,949	11,922	

ANNUAL STATEMENT FOR THE YEAR 2020 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
87244V-86-4	TIAA-CREF Life Balanced		12/31/2020	Various	24,704,000	308,363		298,923	307,568	(8,646)			(8,646)		298,922		9,441	9,441	1,208	
55273F-10-0	MFS-VIT Growth Series		12/31/2020	Various	1,304,000	74,906		70,600	77,469	(6,869)			(6,869)		70,600		4,306	4,306	49	
641222-60-9	Neuberger Berman AMT Sustainable Equity I		12/31/2020	Various	45,770,000	1,129,754		1,192,394	1,230,769	(38,375)			(38,375)		1,192,394		(62,640)	(62,640)	3,048	
87244V-87-2	TIAA-CREF Life Money Market		07/17/2020	Various	4,804,647,000	4,804,647		4,804,647	4,804,647						4,804,647				15,549	
641222-60-9	Neuberger Berman AMT Sustainable Equity I		12/31/2020	Various	12,686,000	328,688		330,578	341,135	(10,557)			(10,557)		330,578		(1,890)	(1,890)	2,132	
693394-58-7	PIMCO-PVIT EmgMktBond Inst		12/31/2020	Various	862,844,000	10,813,811		10,920,184	11,380,915	(460,731)			(460,731)		10,920,184		(106,373)	(106,373)	237,958	
921925-20-2	Vanguard Vanguard VIF TotBond Mkt Idx		12/31/2020	Various	102,048,000	1,282,721		1,220,818	1,246,010	(25,192)			(25,192)		1,220,818		61,903	61,903	19,195	
693394-58-7	PIMCO-PVIT EmgMktBond Inst		12/31/2020	Various	57,365,000	711,288		732,954	756,647	(23,693)			(23,693)		732,954		(21,666)	(21,666)	16,907	
693394-61-1	PIMCO-PVIT ComRIRetStrat Inst		12/31/2020	Various	129,425,000	684,278		883,863	827,027	56,836			56,836		883,863		(199,585)	(199,585)	24,704	
921925-30-1	Vanguard VIF Equity Index		12/31/2020	Various	63,222,000	3,042,830		2,010,577	3,015,667	(1,005,090)			(1,005,090)		2,010,577		1,032,253	1,032,253	83,387	
693394-61-1	PIMCO-PVIT ComRIRetStrat Inst		12/31/2020	Various	33,690,000	162,674		227,599	215,279	12,320			12,320		227,599		(64,925)	(64,925)	5,299	
693394-64-5	PIMCO-PVIT All Asset Fd Inst		12/31/2020	Various	213,731,000	2,178,840		2,208,946	2,331,807	(122,861)			(122,861)		2,208,946		(30,106)	(30,106)	53,570	
921925-80-6	Vanguard VIF High Yield Bond		12/31/2020	Various	53,498,000	408,893		423,348	438,150	(14,802)			(14,802)		423,348		(14,455)	(14,455)	19,223	
693394-64-5	PIMCO-PVIT All Asset Fd Inst		12/31/2020	Various	36,591,000	344,419		385,844	399,204	(13,360)			(13,360)		385,844		(41,425)	(41,425)	5,512	
693394-67-8	PIMCO-PVIT Gbl Bd Unhdgd Inst		12/31/2020	Various	138,559,000	1,538,182		1,677,727	1,572,647	105,080			105,080		1,677,727		(139,545)	(139,545)	17,604	
921925-82-2	Vanguard VIF Capital Growth		12/29/2020	Various	34,064,000	1,362,728		881,097	1,388,443	(507,346)			(507,346)		881,097		481,631	481,631	54,409	
693394-67-8	PIMCO-PVIT Gbl Bd Unhdgd Inst		12/31/2020	Various	42,217,000	474,330		487,426	479,163	8,262			8,262		487,425		(13,095)	(13,095)	4,706	
693394-74-4	PIMCO-PVIT Real Return Inst		12/31/2020	Various	2,630,918,000	34,720,783		32,696,516	33,254,798	(558,282)			(558,282)		32,696,516		2,024,267	2,024,267	231,405	
921925-84-8	Vanguard VIF REIT Index		12/31/2020	Various	19,355,000	227,018		270,469	265,931	4,538			4,538		270,469		(43,451)	(43,451)	4,997	
693394-74-4	PIMCO-PVIT Real Return Inst		12/31/2020	Various	179,136,000	2,343,774		2,205,012	2,264,281	(59,269)			(59,269)		2,205,012		138,762	138,762	14,333	
74925K-42-5	Matson Money Fixed Income VI Port		12/31/2020	Various	537,452,000	13,586,578		13,361,641	13,425,558	(63,917)			(63,917)		13,361,641		224,937	224,937	3,103	
921925-85-5	Vanguard VIF MidCap Index		12/31/2020	Various	103,342,000	2,317,056		2,266,490	2,483,315	(216,825)			(216,825)		2,266,490		50,566	50,566	86,274	
74925K-42-5	Matson Money Fixed Income VI Port		12/31/2020	Various	37,959,000	955,268		942,764	948,206	(5,442)			(5,442)		942,764		12,504	12,504		
74925K-43-3	Matson Money Intl Equity VI Port		12/31/2020	Various	483,407,000	9,989,763		12,337,052	11,727,448	609,604			609,604		12,337,052		(2,347,289)	(2,347,289)	14,168	
921925-88-9	Vanguard VIF Small Cp Growth		12/31/2020	Various	105,648,000	2,167,413		2,493,582	2,438,345	55,237			55,237		2,493,582		(326,169)	(326,169)	121,999	
74925K-43-3	Matson Money Intl Equity VI Port		12/31/2020	Various	49,008,000	866,509		1,168,097	1,188,928	(20,830)			(20,830)		1,168,098		(301,589)	(301,589)	1	
74925K-44-1	Matson Money Market US Equity VI Port		12/31/2020	Various	546,952,000	13,623,484		16,137,969	15,850,679	287,290			287,290		16,137,969		(2,514,485)	(2,514,485)	34,115	
92913T-88-5	VOYA Russell LgCap Gr Idx Init		12/31/2020	Various	2,326,000	109,157		60,267	99,924	(39,658)			(39,658)		60,266		48,891	48,891	3,598	
74925K-44-1	Matson Money Market US Equity VI Port		12/31/2020	Various	53,693,000	1,154,926		1,527,784	1,556,034	(28,251)			(28,251)		1,527,783		(372,857)	(372,857)		
78080T-10-5	Royce Small Cap Annuity Invest		12/31/2020	Various	414,036,000	2,546,735		3,554,653	3,390,953	163,700			163,700		3,554,653		(1,007,918)	(1,007,918)	8,952	
92914E-81-2	VOYA Clarion Global Real Est I		12/24/2020	Various	1,509,000	15,302		17,216	19,789	(2,573)			(2,573)		17,216		(1,914)	(1,914)	1,382	
78080T-10-5	Royce Small Cap Annuity Invest		12/31/2020	Various	70,834,000	451,955		629,676	580,129	49,547			49,547		629,676		(177,721)	(177,721)	625	
78080T-30-3	Royce Micro Cap Annuity Invest		12/31/2020	Various	22,686,000	210,456		229,990	221,193	8,797			8,797		229,990		(19,534)	(19,534)	292	
233203-67-8	DFA VA Short Term Fixed Port		12/31/2020	Various	28,677,000	294,150		292,736	292,503	233			233		292,736		1,414	1,414	7	
78080T-30-3	Royce Micro Cap Annuity Invest		12/31/2020	Various	17,175,000	154,645		187,094	167,457	19,638			19,638		187,095		(32,450)	(32,450)	69	
87244V-86-4	TIAA-CREF Life Balanced		12/31/2020	Various	1,630,920,000	20,225,161		17,166,631	20,304,957	(3,138,327)			(3,138,327)		17,166,630		3,058,531	3,058,531	238,646	
233203-68-6	DFA VA Int'l Small Co Port		12/31/2020	Various	35,210,000	388,253		423,150	440,829	(17,679)			(17,679)		423,150		(34,897)	(34,897)	4,160	
87244V-86-4	TIAA-CREF Life Balanced		12/31/2020	Various	26,909,000	338,627		285,314	335,022	(49,708)			(49,708)		285,314		53,313	53,313	3,801	
87244V-87-2	TIAA-CREF Life Money Market		12/31/2020	Various	80,704,666,000	80,704,666		80,704,666	80,704,666						80,704,666				269,708	
233203-69-4	DFA VA Int'l Value Port		12/31/2020	Various	61,600,000	569,356		757,090	755,222	1,869			1,869		757,091		(187,735)	(187,735)	1,610	
87244V-87-2	TIAA-CREF Life Money Market		12/31/2020	Various	13,570,739,000	13,570,739		13,570,739	13,570,739						13,570,739				40,486	
921925-20-2	Vanguard Vanguard VIF TotBond Mkt Idx		12/31/2020	Various	5,044,557,000	63,366,105		58,781,114	61,594,045	(2,812,931)			(2,812,931)		58,781,114		4,584,991	4,584,991	1,277,130	
233203-71-0	DFA VA US Targeted Value Port		12/31/2020	Various	11,734,000	179,037		214,874	210,974	3,901			3,901		214,875		(35,838)	(35,838)	835	
921925-20-2	Vanguard Vanguard VIF TotBond Mkt Idx		12/31/2020	Various	374,312,000	4,717,487		4,348,194	4,570,355	(222,161)			(222,161)							

ANNUAL STATEMENT FOR THE YEAR 2020 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
921925-85-5	Vanguard VIF MidCap Index		12/31/2020	Various	208,254,000	4,510,990		4,722,062	5,004,349	(282,287)			(282,287)		4,722,062		(211,072)	(211,072)	275,339	
921925-88-9	Vanguard VIF Small Cp Growth		12/31/2020	Various	501,431,000	9,441,604		11,432,746	11,573,036	(140,290)			(140,290)		11,432,746		(1,991,142)	(1,991,142)	961,415	
355150-77-2	Franklin Developing Mkts VIP Fnd Cl 1		12/31/2020	Various	23,094,000	222,445		146,214	249,417	(103,203)			(103,203)		146,214		76,231	76,231	5,000	
921925-88-9	Vanguard VIF Small Cp Growth		12/31/2020	Various	95,679,000	1,915,161		2,162,121	2,208,277	(46,156)			(46,156)		2,162,121		(246,960)	(246,960)	168,303	
92914E-81-2	VOYA Clarion Global Real Est I		12/31/2020	Various	254,054,000	2,602,832		3,050,213	3,330,646	(280,433)			(280,433)		3,050,213		(447,381)	(447,381)	171,462	
641222-70-8	Neuberger Berman AMT MC Intrinsic Val I		12/31/2020	Various	4,953,000	88,179		85,497	79,303	6,194			6,194		85,497		(17,318)	(17,318)	366	
92914E-81-2	VOYA Clarion Global Real Est I		12/31/2020	Various	24,341,000	248,061		290,522	319,107	(28,584)			(28,584)		290,523		(42,462)	(42,462)	10,611	
933702-10-2	Wanger US Smaller Co Fund		12/31/2020	Various	94,753,000	1,956,197		2,022,549	2,109,207	(86,658)			(86,658)		2,022,549		(66,352)	(66,352)	63,475	
742969-57-9	Principal PVC Equity Income Acct Cl 1		12/31/2020	Various	12,446,000	331,056		276,812	350,845	(74,033)			(74,033)		276,812		54,244	54,244	8,293	
933702-10-2	Wanger US Smaller Co Fund		12/31/2020	Various	18,943,000	387,102		447,058	421,678	25,379			25,379		447,057		(59,955)	(59,955)	23,006	
933702-20-1	Wanger Intl Small Cap Fund		12/31/2020	Various	202,628,000	4,671,612		5,369,704	5,268,326	101,377			101,377		5,369,703		(698,091)	(698,091)	138,080	
742969-60-3	Principal PVC MidCap Acct Cl 1		12/31/2020	Various	478,000	27,535		25,062	28,630	(3,568)			(3,568)		25,062		2,473	2,473	752	
933702-20-1	Wanger Intl Small Cap Fund		12/31/2020	Various	35,348,000	840,781		962,183	919,041	43,142			43,142		962,183		(121,402)	(121,402)	26,909	
933702-30-0	Wanger Select Fund		12/31/2020	Various	75,729,000	1,278,517		1,433,249	1,385,091	48,158			48,158		1,433,249		(154,732)	(154,732)	71,329	
74437G-85-4	PS Natural Res Port Cl B		12/31/2020	Various	3,583,000	76,033		85,425	83,990	1,435			1,435		85,425		(9,392)	(9,392)		
933702-30-0	Wanger Select Fund		12/31/2020	Various	26,532,000	435,995		502,285	485,278	17,008			17,008		502,286		(66,291)	(66,291)	17,535	
128116-10-0	Calamos Growth & Income Port A		12/31/2020	Various	170,406,000	2,750,432		2,601,663	2,898,597	(296,934)			(296,934)		2,601,663		148,769	148,769	15,219	
77954R-10-4	TRPrice Limited Term Bond		12/31/2020	Various	25,800,000	124,423		124,970	125,645	(675)			(675)		124,970		(547)	(547)	926	
128116-10-0	Calamos Growth & Income Port A		12/31/2020	Various	13,125,000	203,391		191,076	223,263	(32,187)			(32,187)		191,076		12,315	12,315	1,617	
233203-67-8	DFA VA Short Term Fixed Port		12/31/2020	Various	1,915,721,000	19,617,681		19,579,568	19,540,355	39,212			39,212		19,579,567		38,114	38,114	13,746	
77954T-60-5	T Rowe Price Health Sciences i		12/31/2020	Various	3,119,000	162,814		130,931	155,378	(24,448)			(24,448)		130,930		31,884	31,884	75	
233203-67-8	DFA VA Short Term Fixed Port		12/31/2020	Various	129,416,000	1,325,697		1,322,675	1,320,042	2,633			2,633		1,322,675		3,022	3,022	90	
233203-68-6	DFA VA Int'l Small Co Port		12/31/2020	Various	1,202,763,000	13,218,338		14,999,506	15,058,597	(59,091)			(59,091)		14,999,506		(1,781,168)	(1,781,168)	40,499	
87244V-10-4	TIAA-CREF Life Growth Equity		12/31/2020	Various	328,660,000	5,814,230		4,631,329	5,383,455	(752,127)			(752,127)		4,631,328		1,182,902	1,182,902	184,460	
233203-68-6	DFA VA Int'l Small Co Port		12/31/2020	Various	311,752,000	3,364,531		4,133,977	3,903,131	230,846			230,846		4,133,977		(769,446)	(769,446)	10,723	
233203-69-4	DFA VA Int'l Value Port		12/31/2020	Various	2,209,708,000	21,866,943		26,785,168	27,091,025	(305,857)			(305,857)		26,785,168		(4,918,225)	(4,918,225)	46,181	
87244V-20-3	TIAA-CREF Life Intl Equity		12/31/2020	Various	112,452,000	916,084		758,507	913,114	(154,607)			(154,607)		758,507		157,577	157,577	9,473	
233203-69-4	DFA VA Int'l Value Port		12/31/2020	Various	580,196,000	5,672,867		7,397,211	7,113,206	284,005			284,005		7,397,211		(1,724,344)	(1,724,344)	7,840	
233203-71-0	DFA VA US Targeted Value Port		12/31/2020	Various	839,921,000	11,897,892		16,249,250	15,101,782	1,147,468			1,147,468		16,249,250		(4,351,358)	(4,351,358)	12,724	
87244V-30-2	TIAA-CREF Life Growth & Income		12/31/2020	Various	16,139,000	300,733		249,979	303,733	(53,754)			(53,754)		249,979		50,754	50,754	2,557	
233203-71-0	DFA VA US Targeted Value Port		12/31/2020	Various	285,328,000	4,033,122		5,324,179	5,130,198	193,981			193,981		5,324,179		(1,291,057)	(1,291,057)	4,890	
233203-72-8	DELAWARE DFA VA Global Bond Port		12/31/2020	Various	1,113,492,000	11,753,876		12,043,391	11,669,400	373,991			373,991		12,043,391		(289,515)	(289,515)	242	
87244V-40-1	TIAA-CREF Life Stock Index		12/31/2020	Various	208,532,000	5,970,200		3,731,095	5,843,067	(2,111,972)			(2,111,972)		3,731,095		2,239,105	2,239,105	67,901	
233203-72-8	DELAWARE DFA VA Global Bond Port		12/31/2020	Various	130,717,000	1,379,085		1,396,867	1,369,912	26,955			26,955		1,396,867		(17,782)	(17,782)	3	
233203-77-7	DFA VA US Large Value Port		12/31/2020	Various	722,223,000	16,517,685		18,399,931	19,825,019	(1,425,087)			(1,425,087)		18,399,932		(1,882,247)	(1,882,247)	38,006	
87244V-50-0	TIAA-CREF Life Social Choice		12/24/2020	Various	753,000	11,918		10,469	12,618	(2,150)			(2,150)		10,468		1,450	1,450	111	
233203-77-7	DFA VA US Large Value Port		12/31/2020	Various	294,313,000	6,560,806		7,669,439	8,078,890	(409,450)			(409,450)		7,669,440		(1,108,634)	(1,108,634)	7,256	
23320G-12-5	DFA VA Equity Allocation Port		12/31/2020	Various	1,023,058,000	11,187,916		10,662,214	11,980,010	(1,317,796)			(1,317,796)		10,662,214		525,702	525,702	37,447	
87244V-60-9	TIAA-CREF Life Large Cap Value		12/31/2020	Various	17,495,000	230,836		239,619	261,029	(21,410)			(21,410)		239,619		(8,783)	(8,783)	846	
23320G-12-5	DFA VA Equity Allocation Port		12/31/2020	Various	689,071,000	6,893,656		7,408,667	8,069,019	(660,353)			(660,353)		7,408,666		(515,010)	(515,010)	38	
25239Y-58-4	DFA VA Global Mod Allocation		12/31/2020	Various	1,094,224,000	14,162,817		13,346,964	14,564,125	(1,217,161)			(1,217,161)		13,346,964		815,853	815,853	29,829	
87244V-70-8	TIAA-CREF Life Small Cap Eqty		12/31/2020	Various	27,869,000	320,306		373,713	365,914	7,800			7,800		373,714		(53,408)	(53,408)	4,537	
25239Y-54-3	DFA VIT Inflation Protected Sec		12/31/2020	Various	43,525,000	478,631		435,583	447,876	(12,293)			(12,293)		435,583		43,048	43,048	769	
355150-71-5	Franklin Mutual Shares VIP Fnd Cl 1		12/31/2020	Various	34,518,000	522,941	</													

ANNUAL STATEMENT FOR THE YEAR 2020 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
55273F-83-7	MFS-VIT Global Eqty Series		12/31/2020	Various	40,473.000	839,120		849,293	922,370	(73,078)			(73,078)		849,292		(10,172)	(10,172)	13,399	
641222-70-8	Neuberger Berman AMT MC Intrinsic Val I		12/31/2020	Various	773,496.000	9,830,870		13,383,544	12,383,673	999,871			999,871		13,383,544		(3,552,674)	(3,552,674)	38,467	
55274F-61-2	MFS VITI Mass Invest Grwth Stk IC		12/31/2020	Various	34,586.000	749,815		780,289	780,289	(72,673)			(72,673)		708,289		41,526	41,526	19,533	
742969-57-9	Principal PVC Equity Income Acct Cl 1		12/31/2020	Various	1,150,976.000	28,713,224		26,931,771	32,446,019	(5,514,248)			(5,514,248)		26,931,771		1,781,453	1,781,453	471,451	
641222-70-8	Neuberger Berman AMT MC Intrinsic Val I		12/31/2020	Various	83,736.000	1,037,117		1,530,981	1,340,611	190,370			190,370		1,530,981		(493,864)	(493,864)	2,461	
742969-60-3	Principal PVC MidCap Acct Cl 1		12/31/2020	Various	58,490.000	3,405,725		3,300,650	3,505,902	(205,252)			(205,252)		3,300,650		105,075	105,075	172,557	
742969-57-9	Principal PVC Equity Income Acct Cl 1		12/31/2020	Various	76,423.000	1,854,646		1,891,931	2,154,352	(262,421)			(262,421)		1,891,931		(37,285)	(37,285)	31,933	
74437G-60-7	PS Value Port Cl B		12/31/2020	Various	142,162.000	4,392,679		3,727,723	5,011,200	(1,283,477)			(1,283,477)		3,727,723		664,956	664,956		
742969-60-3	Principal PVC MidCap Acct Cl 1		12/31/2020	Various	10,080.000	597,097		566,072	604,198	(38,126)			(38,126)		566,072		31,025	31,025	9,090	
74437G-78-9	PS Jennison 20/20 Port Cl B		12/31/2020	Various	236,249.000	8,907,984		5,938,236	8,545,128	(2,606,892)			(2,606,892)		5,938,236		2,969,748	2,969,748		
74437G-60-7	PS Value Port Cl B		12/31/2020	Various	1,034.000	28,273		26,589	36,451	(9,863)			(9,863)		26,588		1,685	1,685		
74437G-85-4	PS Natural Res Port Cl B		12/31/2020	Various	40,342.000	828,173		1,015,093	945,606	69,487			69,487		1,015,093		(186,920)	(186,920)		
74437G-78-9	PS Jennison 20/20 Port Cl B		12/31/2020	Various	13,257.000	524,219		332,919	479,492	(146,572)			(146,572)		332,920		191,299	191,299		
77954R-10-4	TRPrice Limited Term Bond		12/31/2020	Various	3,132,966.000	15,270,080		15,189,364	15,257,543	(68,179)			(68,179)		15,189,364		80,716	80,716	144,697	
74437G-85-4	PS Natural Res Port Cl B		12/31/2020	Various	17,677.000	373,472		428,752	414,360	14,392			14,392		428,752		(55,280)	(55,280)		
77954T-60-5	T Rowe Price Health Sciences I		12/31/2020	Various	72,030.000	3,399,322		3,301,703	3,588,520	(286,817)			(286,817)		3,301,703		97,619	97,619	1,554	
77954R-10-4	TRPrice Limited Term Bond		12/31/2020	Various	124,510.000	606,821		601,837	606,365	(4,528)			(4,528)		601,837		4,984	4,984	5,731	
87244V-10-4	TIAA-CREF Life Growth Equity		12/31/2020	Various	1,747,340.000	30,937,087		21,934,105	28,621,422	(6,687,318)			(6,687,318)		21,934,104		9,002,983	9,002,983	634,803	
77954T-60-5	T Rowe Price Health Sciences I		12/31/2020	Various	22,543.000	1,140,436		1,051,288	1,123,068	(71,780)			(71,780)		1,051,288		89,148	89,148	71	
87244V-20-3	TIAA-CREF Life Intl Equity		12/31/2020	Various	3,042,002.000	22,903,750		23,064,005	24,701,054	(1,637,049)			(1,637,049)		23,064,005		(160,255)	(160,255)	98,851	
87244V-10-4	TIAA-CREF Life Growth Equity		12/31/2020	Various	187,736.000	3,288,497		2,632,303	3,075,117	(442,814)			(442,814)		2,632,303		656,194	656,194	45,126	
87244V-30-2	TIAA-CREF Life Growth & Income		12/31/2020	Various	1,754,723.000	31,654,238		25,857,487	33,023,881	(7,166,394)			(7,166,394)		25,857,487		5,796,751	5,796,751	495,304	
87244V-20-3	TIAA-CREF Life Intl Equity		12/31/2020	Various	512,969.000	3,686,520		4,050,446	4,165,310	(114,864)			(114,864)		4,050,446		(363,926)	(363,926)	13,227	
87244V-40-1	TIAA-CREF Life Stock Index		12/31/2020	Various	4,068,803.000	111,885,542		73,351,994	114,007,870	(40,655,876)			(40,655,876)		73,351,994		38,533,548	38,533,548	662,977	
87244V-30-2	TIAA-CREF Life Growth & Income		12/31/2020	Various	94,397.000	1,664,900		1,433,542	1,776,543	(343,002)			(343,002)		1,433,541		231,359	231,359	25,914	
87244V-50-0	TIAA-CREF Life Social Choice		12/31/2020	Various	957,886.000	15,426,669		12,374,393	16,044,592	(3,670,199)			(3,670,199)		12,374,393		3,052,276	3,052,276	219,759	
87244V-40-1	TIAA-CREF Life Stock Index		12/31/2020	Various	787,283.000	21,595,925		17,640,818	22,059,671	(4,418,853)			(4,418,853)		17,640,818		3,955,107	3,955,107	141,112	
87244V-60-9	TIAA-CREF Life Large Cap Value		12/31/2020	Various	1,287,915.000	16,605,853		18,283,255	19,215,687	(932,432)			(932,432)		18,283,255		(1,677,402)	(1,677,402)	77,768	
87244V-50-0	TIAA-CREF Life Social Choice		12/31/2020	Various	22,994.000	378,257		312,247	385,150	(72,903)			(72,903)		312,247		66,010	66,010	11,208	
87244V-70-8	TIAA-CREF Life Small Cap Eqty		12/31/2020	Various	913,496.000	10,203,959		13,355,290	11,994,199	1,361,091			1,361,091		13,355,290		(3,151,331)	(3,151,331)	156,008	
87244V-60-9	TIAA-CREF Life Large Cap Value		12/31/2020	Various	199,944.000	2,585,119		2,872,558	2,983,164	(110,607)			(110,607)		2,872,557		(287,438)	(287,438)	14,681	
87244V-80-7	TIAA-CREF Life Real Estate		12/31/2020	Various	1,113,975.000	15,830,939		14,102,388	17,378,012	(3,275,624)			(3,275,624)		14,102,388		1,728,551	1,728,551	371,124	
87244V-70-8	TIAA-CREF Life Small Cap Eqty		12/31/2020	Various	127,228.000	1,362,870		1,880,512	1,670,498	210,014			210,014		1,880,512		(517,642)	(517,642)	13,747	
87244V-88-0	TIAA-CREF Life Core Bond		12/31/2020	Various	4,790,213.000	51,829,370		48,684,681	50,728,361	(2,043,677)			(2,043,677)		48,684,684		3,144,686	3,144,686	408,587	
87244V-80-7	TIAA-CREF Life Real Estate		12/31/2020	Various	215,825.000	2,997,400		2,963,887	3,366,876	(402,989)			(402,989)		2,963,887		33,513	33,513	35,526	
87244V-88-0	TIAA-CREF Life Core Bond		12/31/2020	Various	260,918.000	2,825,462		2,651,036	2,763,122	(112,085)			(112,085)		2,651,037		174,425	174,425	28,234	
9499999. Subtotal - Common Stocks - Mutual Funds						1,192,832,103	XXX	1,144,917,982	1,259,869,966	(114,951,991)			(114,951,991)		1,144,917,975		47,914,133	47,914,133	19,973,739	XXX
9799997. Total - Common Stocks - Part 4						1,192,832,103	XXX	1,144,917,982	1,259,869,966	(114,951,991)			(114,951,991)		1,144,917,975		47,914,133	47,914,133	19,973,739	XXX
9799998. Total - Common Stocks - Part 5						83,941,371	XXX	79,439,432							79,439,436		4,501,935	4,501,935	1,133,244	XXX
9799999. Total - Common Stocks						1,276,773,474	XXX	1,224,357,414	1,259,869,966	(114,951,991)			(114,951,991)		1,224,357,411		52,416,068	52,416,068	21,106,983	XXX
9899999. Total - Preferred and Common Stocks						1,276,773,474	XXX	1,224,357,414	1,259,869,966	(114,951,991)			(114,951,991)		1,224,357,411		52,416,068	52,416,068	21,106,983	XXX
9999999 - Totals						1,682,735,197	XXX	1,618,312,395	1,647,120,571	(114,951,991)	(9,554)		(114,961,545)		1,620,783,657		61,951,545	61,951,545	24,760,301	XXX

ANNUAL STATEMENT FOR THE YEAR 2020 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-YW-4	US TREASURY N B 1.625% 12/15/22		01/02/2020	Various	01/21/2020	Various	2,500,000		2,506,250	2,501,534		(29)		(29)			4,716	4,716	4,218	1,998
912828-ZZ-9	US TREASURY N B 1.500% 01/15/23		01/21/2020	Various	02/04/2020	Various	2,500,000	2,497,070	2,507,324	2,497,108		38		38			10,216	10,216	2,163	721
0599999	Subtotal - Bonds - U.S. Governments						5,000,000	2,497,070	5,013,574	4,998,642		9		9			14,932	14,932	6,381	2,719
80282K-AZ-9	SANTANDER HOLDINGS USA SERIES W/ 3.244% 10/05/26		02/04/2020	Tax Free Exchange	02/04/2020	Various	4,175,000	4,186,562	4,280,464	4,186,557		(5)		(5)			93,907	93,907	45,522	45,146
3899999	Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)						4,175,000	4,186,562	4,280,464	4,186,557		(5)		(5)			93,907	93,907	45,522	45,146
8399998	Total - Bonds						9,175,000	6,683,632	9,294,038	9,185,199		4		4			108,839	108,839	51,903	47,865
8999998	Total - Preferred Stocks																			
22544K-88-8	Credit Suisse Commodity Return Strat Port		04/27/2020	Various	12/31/2020	Various	2,054,000	5,560	5,777	5,559							218	218	23	
87244V-87-2	TIAA-CREF Life Money Market			Various	12/31/2020	Various	9,665,246,000	9,665,246	9,665,246	9,665,246									15,359	
22544K-88-8	Credit Suisse Commodity Return Strat Port		04/08/2020	Various	12/31/2020	Various	11,000	29	33	30							3	3		
246493-76-1	DELAWARE Del VIP Intl Val Eq Ser Std 1		12/09/2020	Various	12/11/2020	Various	1,298,736,000	13,893,564	15,325,084	13,893,563							1,431,521	1,431,521	534,298	
246493-76-1	DELAWARE Del VIP Intl Val Eq Ser Std 1		12/09/2020	Various	12/11/2020	Various	114,813,000	1,238,417	1,354,790	1,238,417							116,373	116,373	44,994	
471021-43-6	Janus Henderson Mid-Cap Value Port Inst		02/28/2020	Various	12/31/2020	Various	1,063,000	15,772	16,757	15,772							985	985	485	
471021-70-9	Janus Henderson Overseas Port Inst		01/13/2020	Various	12/31/2020	Various	166,000	5,614	6,249	5,614							635	635	35	
471021-70-9	Janus Henderson Overseas Port Inst		10/02/2020	Various	12/31/2020	Various	3,331,000	95,003	111,489	95,004							16,485	16,485	576	
471021-86-5	Janus Henderson Forty Port Inst		06/23/2020	Various	12/31/2020	Various	10,057,000	444,220	483,944	444,220							39,724	39,724	31,611	
471021-86-5	Janus Henderson Forty Port Inst		03/31/2020	Various	12/31/2020	Various	1,216,000	50,854	67,566	50,854							16,712	16,712	4,454	
52467M-84-3	Legg Mason Cibrbdg Var Sml Cap Grw Cl 1		06/18/2020	Various	12/31/2020	Various	21,575,000	546,522	713,519	546,522							166,997	166,997	8,933	
55273F-10-0	MFS-VIT Growth Series		05/29/2020	Various	12/31/2020	Various	1,303,000	78,720	86,249	78,721							7,528	7,528	3,398	
55273F-10-0	MFS-VIT Growth Series		03/13/2020	Various	12/31/2020	Various	82,000	4,457	5,680	4,457							1,223	1,223	282	
641222-60-9	Neuberger Berman AMT Sustainable Equity I		02/28/2020	Various	12/31/2020	Various	2,121,000	51,910	59,768	51,909							7,859	7,859	638	
641222-60-9	Neuberger Berman AMT Sustainable Equity I		06/16/2020	Various	12/31/2020	Various	1,548,000	40,644	36,602	40,644							(4,042)	(4,042)	574	
693394-58-7	PIMCO-PVIT EmglMktBond Inst		02/20/2020	Various	12/31/2020	Various	77,746,000	1,038,038	1,039,340	1,038,037							1,303	1,303	4,452	
693394-61-1	PIMCO-PVIT ComRIRetStrat Inst		04/24/2020	Various	12/31/2020	Various	418,000	2,131	1,968	2,131							(163)	(163)	23	
693394-61-1	PIMCO-PVIT ComRIRetStrat Inst		07/27/2020	Various	12/31/2020	Various	165,239,000	846,022	900,550	846,022							54,528	54,528	94	
693394-64-5	PIMCO-PVIT All Asset Fd Inst		03/13/2020	Various	12/31/2020	Various	549,000	5,562	6,163	5,563							600	600	208	
693394-64-5	PIMCO-PVIT All Asset Fd Inst		03/31/2020	Various	12/31/2020	Various	1,528,000	14,420	16,028	14,421							1,607	1,607	465	
693394-67-8	PIMCO-PVIT Gbl Bd Unhdgd Inst		08/28/2020	Various	12/31/2020	Various	7,952,000	90,254	94,012	90,254							3,758	3,758	1,894	
74925K-42-5	Matson Money Fixed Income VI Port		08/26/2020	Various	12/31/2020	Various	0,000	7	11	7							4	4		
74925K-43-3	Matson Money Intl Equity VI Port		03/12/2020	Various	12/31/2020	Various	2,208,000	38,863	50,105	38,864							11,241	11,241	12	
78080T-30-3	Royce Micro Cap Annuity Invest		11/30/2020	Various	12/31/2020	Various	49,000	428	543	427							116	116		
74925K-44-1	Matson Money Market US Equity VI Port		03/12/2020	Various	12/31/2020	Various	2,375,000	49,151	66,539	49,151							17,388	17,388	57	
87244V-86-4	TIAA-CREF Life Balanced		04/13/2020	Various	12/31/2020	Various	10,788,000	123,090	136,391	123,090							13,301	13,301	5,889	
78080T-30-3	Royce Micro Cap Annuity Invest		01/13/2020	Various	12/31/2020	Various	1,199,000	11,704	8,836	11,704							(2,868)	(2,868)	1	
87244V-87-2	TIAA-CREF Life Money Market		11/02/2020	Various	12/31/2020	Various	31,890,740,000	31,890,740	31,890,740	31,890,740									28,405	
87244V-87-2	TIAA-CREF Life Money Market		01/17/2020	Various	12/31/2020	Various	1,372,988,000	1,372,988	1,372,988	1,372,988									5,080	
921925-30-1	Vanguard WIF Equity Index		09/21/2020	Various	12/31/2020	Various	3,225,000	151,827	159,080	151,827							7,253	7,253		
933702-10-2	Wanger US Smaller Co Fund		04/24/2020	Various	12/31/2020	Various	4,843,000	99,543	93,512	99,543							(6,031)	(6,031)	6,190	
921925-82-2	Vanguard VIF Capital Growth		01/17/2020	Various	12/31/2020	Various	3,489,000	145,041	142,527	145,041							(2,514)	(2,514)	6,267	
933702-30-0	Wanger Select Fund		06/10/2020	Various	12/31/2020	Various	15,342,000	246,739	272,779	246,739							26,040	26,040	25,508	
921925-88-9	Vanguard VIF Small Cp Growth		06/02/2020	Various	12/31/2020	Various	160,658,000	2,805,116	3,040,003	2,805,115							234,888	234,888	31,317	
23320G-12-5	DFA VA Equity Allocation Port		02/11/2020	Various	12/31/2020	Various	16,728,000	198,131	212,109	198,131							13,978	13,978	497	
933702-10-2	Wanger US Smaller Co Fund		06/10/2020	Various	12/31/2020	Various	28,013,000	579,748	588,620	579,748							8,872	8,872	40,013	
246493-43-1	DELAWARE VIP Intl Series - Standard		12/11/2020	Various	12/31/2020	Various	3,251,000	61,182	62,020	61,182							838	838		
933702-30-0	Wanger Select Fund		04/30/2020	Various	12/30/2020	Various	14,439,000	262,584	221,595	262,585							(40,990)	(40,990)	19,194	
25239Y-54-3	DFA VIT Inflation Protected Sec		09/24/2020	Various	12/31/2020	Various	37,103,000	416,972	420,123	416,972							3,151	3,151	3	
128116-10-0	Calamos Growth & Income Port A		09/17/2020	Various	12/31/2020	Various	20,326,000	317,365	368,982	317,366							51,616	51,616	1,303	
742969-60-3	Principal PVC MidCap Acct Cl 1		02/27/2020	Various	12/31/2020	Various	264,000	15,334	16,419	15,334							1,085	1,085	1,646	

ANNUAL STATEMENT FOR THE YEAR 2020 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
233206-12-5	DFA VA Equity Allocation Port		03/31/2020	Various	12/31/2020	Various	7,647,000	82,736	92,237	82,737							9,500	9,500	1,250	
744376-60-7	PS Value Port Cl B		03/27/2020	Various	12/31/2020	Various	79,000	2,272	2,514	2,272							242	242		
246493-43-1	DELAWARE VIP Int'l Series - Standard		12/11/2020	Various	12/31/2020	Various	49,612,000	933,693	944,769	933,693							11,076	11,076		
77954T-60-5	T Rowe Price Health Sciences i		04/27/2020	Various	12/31/2020	Various	3,703,000	186,694	200,370	186,693							13,677	13,677	13	
25239Y-58-4	DFA VA Global Mod Allocation		04/22/2020	Various	12/31/2020	Various	11,559,000	128,869	146,906	128,869							18,037	18,037	192	
87244V-10-4	TIAA-CREF Life Growth Equity		07/17/2020	Various	12/31/2020	Various	81,210,000	1,330,636	1,642,193	1,330,636							311,557	311,557	112,331	
355150-71-5	Franklin Mutual Shares VIP Fnd Cl 1		05/29/2020	Various	12/31/2020	Various	58,422,000	873,582	868,371	873,582							(5,211)	(5,211)	4,609	
87244V-30-2	TIAA-CREF Life Growth & Income		05/28/2020	Various	12/31/2020	Various	1,957,000	35,427	36,802	35,427							1,375	1,375	2,134	
	Franklin Sm-Mid Cap Growth VIP Fnd Cl 1																			
355150-74-9			06/03/2020	Various	12/31/2020	Various	20,250,000	425,309	547,366	425,308							122,058	122,058	53,477	
87244V-50-0	TIAA-CREF Life Social Choice		06/16/2020	Various	12/31/2020	Various	78,000	1,271	1,384	1,272							112	112	5	
55273F-60-5	MFS-VIT Utility Series		02/28/2020	Various	12/31/2020	Various	1,575,000	56,172	53,024	56,173							(3,149)	(3,149)	2,697	
87244V-60-9	TIAA-CREF Life Large Cap Value		03/16/2020	Various	12/31/2020	Various	32,484,000	391,393	486,601	391,393							95,208	95,208	8,873	
55273F-83-7	MFS-VIT Global Eqty Series		05/29/2020	Various	12/31/2020	Various	4,471,000	83,806	107,483	83,807							23,676	23,676	4,961	
87244V-80-7	TIAA-CREF Life Real Estate		01/15/2020	Various	12/31/2020	Various	31,408,000	495,565	405,521	495,566							(90,045)	(90,045)	6,733	
55274F-61-2	MFS VITI Mass Invest Grwth Stk IC		01/30/2020	Various	12/31/2020	Various	7,429,000	173,995	181,057	173,995							7,062	7,062	17,663	
742969-60-3	Principal PVC MidCap Acct Cl 1		01/24/2020	Various	12/30/2020	Various	224,000	14,002	12,342	14,002							(1,660)	(1,660)	1,397	
744376-60-7	PS Value Port Cl B		09/21/2020	Various	12/31/2020	Various	5,624,000	150,925	185,968	150,924							35,044	35,044		
744376-85-4	PS Natural Res Port Cl B		03/24/2020	Various	12/31/2020	Various	6,410,000	128,508	163,142	128,508							34,634	34,634		
77954T-60-5	T Rowe Price Health Sciences i		04/15/2020	Various	12/31/2020	Various	13,467,000	595,844	766,107	595,844							170,263	170,263	7,322	
87244V-10-4	TIAA-CREF Life Growth Equity		03/30/2020	Various	12/31/2020	Various	257,610,000	3,605,712	4,715,493	3,605,712							1,109,781	1,109,781	67,558	
87244V-50-0	TIAA-CREF Life Social Choice		02/28/2020	Various	12/31/2020	Various	13,651,000	210,452	249,520	210,452							39,068	39,068	17,851	
921925-40-0	Vanguard VIF Balanced Portfolio		10/30/2020	Various	12/31/2020	Various	922,000	21,713	23,355	21,713							1,642	1,642		
921925-70-7	Vanguard VIF International Portfolio		11/02/2020	Various	12/31/2020	Various	4,487,000	145,814	190,366	145,814							44,552	44,552		
921925-76-4	Vanguard VIF Total International Stock		09/25/2020	Various	12/31/2020	Various	45,412,000	787,785	932,839	787,785							145,054	145,054		
	Vanguard VIF Global Bond Index Portfoli																			
921925-77-2			11/10/2020	Various	12/31/2020	Various	155,000	3,376	3,453	3,376							77	77		
	Vanguard VIF Moderate Allocation Portfo																			
921925-78-0			12/10/2020	Various	12/31/2020	Various	8,574,000	246,545	267,781	246,544							21,237	21,237		
	Vanguard VIF Conservative Allocation Po																			
921925-79-8			09/18/2020	Various	12/31/2020	Various	6,410,000	161,589	169,816	161,590							8,226	8,226		
	Vanguard VIF Total Stock Market Index P																			
921925-81-4			09/24/2020	Various	12/31/2020	Various	32,500,000	1,246,235	1,423,855	1,246,235							177,620	177,620		
9499999. Subtotal - Common Stocks - Mutual Funds								79,439,432	83,941,371	79,439,436							4,501,935	4,501,935	1,133,244	
9799998. Total - Common Stocks								79,439,432	83,941,371	79,439,436							4,501,935	4,501,935	1,133,244	
9899999. Total - Preferred and Common Stocks								79,439,432	83,941,371	79,439,436							4,501,935	4,501,935	1,133,244	
9999999 - Totals								86,123,064	93,235,409	88,624,635		4		4			4,610,774	4,610,774	1,185,147	47,865

Schedule DA - Part 1 - Short-Term Investments Owned

N O N E

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

N O N E

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

N O N E

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

N O N E

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

N O N E

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

N O N E

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

N O N E

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

N O N E

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

N O N E

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

N O N E

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N O N E

Schedule DL - Part 2 - Reinvested Collateral Assets Owned

N O N E

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N O N E

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N O N E

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