

QUARTERLY STATEMENT

OF THE

TIAA-CREF LIFE INSURANCE COMPANY

TO THE

Insurance Department

OF THE

STATE OF

**FOR THE QUARTER ENDED
SEPTEMBER 30, 2020**

☒ **LIFE AND ACCIDENT AND HEALTH**

☐ **FRATERNAL BENEFIT SOCIETIES**

2020



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

QUARTERLY STATEMENT

AS OF SEPTEMBER 30, 2020

OF THE CONDITION AND AFFAIRS 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

Licensed as business type: Life, Accident and Health [X] Fraternal Benefit Societies []

Incorporated/Organized 11/20/1986 Commenced Business 12/18/1996

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

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

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

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

Internet Website Address tiaa.org

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

OFFICERS

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

OTHER

<u>Jorge Claudio Gutierrez, Treasurer</u>	<u>Todd Richard Sagmoe, Vice President, Head of Insurance, Illustration Actuary</u>
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DIRECTORS OR TRUSTEES

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

State of New York SS:
County of New York

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

William Gunnar Griesser
President & Chief Executive Officer

Mary Catherine Benedetto
Secretary

Stacy Koon Eisenhauer
Vice President & Chief Financial Officer

Subscribed and sworn to before me this 10th day of November, 2020

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



STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

ASSETS

	Current Statement Date			4 December 31 Prior Year Net Admitted Assets
	1 Assets	2 Nonadmitted Assets	3 Net Admitted Assets (Cols. 1 - 2)	
1. Bonds	11,140,389,553		11,140,389,553	8,666,132,869
2. Stocks:				
2.1 Preferred stocks	182,882		182,882	182,882
2.2 Common stocks				
3. Mortgage loans on real estate:				
3.1 First liens				
3.2 Other than first liens.....				
4. Real estate:				
4.1 Properties occupied by the company (less \$ encumbrances)				
4.2 Properties held for the production of income (less \$ encumbrances)				
4.3 Properties held for sale (less \$ encumbrances)				
5. Cash (\$(3,761,367)), cash equivalents (\$342,994,015) and short-term investments (\$2,793,087)	342,025,735		342,025,735	279,378,763
6. Contract loans (including \$ premium notes)	42,806,233		42,806,233	39,826,563
7. Derivatives				
8. Other invested assets	4,672,289		4,672,289	4,687,634
9. Receivables for securities	169,462		169,462	1,188
10. Securities lending reinvested collateral assets				
11. Aggregate write-ins for invested assets				
12. Subtotals, cash and invested assets (Lines 1 to 11)	11,530,246,154		11,530,246,154	8,990,209,899
13. Title plants less \$ charged off (for Title insurers only)				
14. Investment income due and accrued	89,097,189		89,097,189	75,394,328
15. Premiums and considerations:				
15.1 Uncollected premiums and agents' balances in the course of collection	2,497,577		2,497,577	2,002,582
15.2 Deferred premiums, agents' balances and installments booked but deferred and not yet due (including \$ earned but unbilled premiums)	56,025,387	35,825,069	20,200,318	19,881,357
15.3 Accrued retrospective premiums (\$) and contracts subject to redetermination (\$)				
16. Reinsurance:				
16.1 Amounts recoverable from reinsurers				5,285,289
16.2 Funds held by or deposited with reinsured companies				
16.3 Other amounts receivable under reinsurance contracts	1,937,472		1,937,472	3,315,706
17. Amounts receivable relating to uninsured plans				
18.1 Current federal and foreign income tax recoverable and interest thereon				
18.2 Net deferred tax asset	95,198,965	77,706,387	17,492,578	17,543,803
19. Guaranty funds receivable or on deposit	200,732		200,732	198,558
20. Electronic data processing equipment and software				
21. Furniture and equipment, including health care delivery assets (\$)				
22. Net adjustment in assets and liabilities due to foreign exchange rates				
23. Receivables from parent, subsidiaries and affiliates				
24. Health care (\$) and other amounts receivable				
25. Aggregate write-ins for other than invested assets	8,035,422		8,035,422	1,931,240
26. Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 to 25)	11,783,238,898	113,531,456	11,669,707,442	9,115,762,762
27. From Separate Accounts, Segregated Accounts and Protected Cell Accounts	3,677,505,418		3,677,505,418	4,022,073,351
28. Total (Lines 26 and 27)	15,460,744,316	113,531,456	15,347,212,860	13,137,836,113
DETAILS OF WRITE-INS				
1101.				
1102.				
1103.				
1198. Summary of remaining write-ins for Line 11 from overflow page				
1199. Totals (Lines 1101 through 1103 plus 1198)(Line 11 above)				
2501. Sundry receivables	8,035,422		8,035,422	1,931,240
2502.				
2503.				
2598. Summary of remaining write-ins for Line 25 from overflow page				
2599. Totals (Lines 2501 through 2503 plus 2598)(Line 25 above)	8,035,422		8,035,422	1,931,240

The failure of items to add to the totals shown throughout the statement is due to the rounding of figures to the nearest dollar.

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

LIABILITIES, SURPLUS AND OTHER FUNDS

	1 Current Statement Date	2 December 31 Prior Year
1. Aggregate reserve for life contracts \$3,972,989,093 less \$ included in Line 6.3 (including \$255,710,074 Modco Reserve)	3,972,989,093	3,932,799,458
2. Aggregate reserve for accident and health contracts (including \$ Modco Reserve)		
3. Liability for deposit-type contracts (including \$ Modco Reserve)	6,711,756,808	4,541,418,215
4. Contract claims:		
4.1 Life	10,923,528	12,393,682
4.2 Accident and health		
5. Policyholders' dividends/refunds to members \$ and coupons \$ due and unpaid		
6. Provision for policyholders' dividends, refunds to members and coupons payable in following calendar year - estimated amounts:		
6.1 Policyholders' dividends and refunds to members apportioned for payment (including \$ Modco)		
6.2 Policyholders' dividends and refunds to members not yet apportioned (including \$ Modco)		
6.3 Coupons and similar benefits (including \$ Modco)		
7. Amount provisionally held for deferred dividend policies not included in Line 6		
8. Premiums and annuity considerations for life and accident and health contracts received in advance less \$ discount; including \$ accident and health premiums	177,542	142,794
9. Contract liabilities not included elsewhere:		
9.1 Surrender values on canceled contracts		
9.2 Provision for experience rating refunds, including the liability of \$ accident and health experience rating refunds of which \$ is for medical loss ratio rebate per the Public Health Service Act		
9.3 Other amounts payable on reinsurance, including \$ assumed and \$6,410,448 ceded	6,410,448	9,432,036
9.4 Interest Maintenance Reserve	27,262,846	16,159,895
10. Commissions to agents due or accrued-life and annuity contracts \$646,256 , accident and health \$ and deposit-type contract funds \$	646,256	637,854
11. Commissions and expense allowances payable on reinsurance assumed		
12. General expenses due or accrued		
13. Transfers to Separate Accounts due or accrued (net) (including \$(5,435,726) accrued for expense allowances recognized in reserves, net of reinsured allowances)	(6,795,693)	(9,668,516)
14. Taxes, licenses and fees due or accrued, excluding federal income taxes		
15.1 Current federal and foreign income taxes, including \$ on realized capital gains (losses)	981,444	3,222,991
15.2 Net deferred tax liability		
16. Unearned investment income		
17. Amounts withheld or retained by reporting entity as agent or trustee	743,758	950,213
18. Amounts held for agents' account, including \$ agents' credit balances		
19. Remittances and items not allocated	14,627,143	15,373,788
20. Net adjustment in assets and liabilities due to foreign exchange rates		
21. Liability for benefits for employees and agents if not included above		
22. Borrowed money \$ and interest thereon \$		
23. Dividends to stockholders declared and unpaid		
24. Miscellaneous liabilities:		
24.01 Asset valuation reserve	57,564,533	52,680,746
24.02 Reinsurance in unauthorized and certified (\$) companies	657,958	4,867,483
24.03 Funds held under reinsurance treaties with unauthorized and certified (\$) reinsurers		
24.04 Payable to parent, subsidiaries and affiliates	8,156,524	22,383,208
24.05 Drafts outstanding		
24.06 Liability for amounts held under uninsured plans		
24.07 Funds held under coinsurance		
24.08 Derivatives		
24.09 Payable for securities	305,145,631	15,198,043
24.10 Payable for securities lending		
24.11 Capital notes \$ and interest thereon \$		
25. Aggregate write-ins for liabilities	133,107	136,854
26. Total liabilities excluding Separate Accounts business (Lines 1 to 25)	11,111,380,926	8,618,128,744
27. From Separate Accounts Statement	3,665,699,506	4,009,170,763
28. Total liabilities (Lines 26 and 27)	14,777,080,432	12,627,299,507
29. Common capital stock	2,500,000	2,500,000
30. Preferred capital stock		
31. Aggregate write-ins for other than special surplus funds		
32. Surplus notes		
33. Gross paid in and contributed surplus	777,500,000	777,500,000
34. Aggregate write-ins for special surplus funds		
35. Unassigned funds (surplus)	(209,867,572)	(269,463,394)
36. Less treasury stock, at cost:		
36.1 shares common (value included in Line 29 \$)		
36.2 shares preferred (value included in Line 30 \$)		
37. Surplus (Total Lines 31+32+33+34+35-36) (including \$11,805,912 in Separate Accounts Statement)	567,632,428	508,036,606
38. Totals of Lines 29, 30 and 37	570,132,428	510,536,606
39. Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3)	15,347,212,860	13,137,836,113
DETAILS OF WRITE-INS		
2501. Miscellaneous liabilities	133,107	136,854
2502.		
2503.		
2598. Summary of remaining write-ins for Line 25 from overflow page		
2599. Totals (Lines 2501 through 2503 plus 2598)(Line 25 above)	133,107	136,854
3101.		
3102.		
3103.		
3198. Summary of remaining write-ins for Line 31 from overflow page		
3199. Totals (Lines 3101 through 3103 plus 3198)(Line 31 above)		
3401.		
3402.		
3403.		
3498. Summary of remaining write-ins for Line 34 from overflow page		
3499. Totals (Lines 3401 through 3403 plus 3498)(Line 34 above)		

SUMMARY OF OPERATIONS

	1 Current Year To Date	2 Prior Year To Date	3 Prior Year Ended December 31
1. Premiums and annuity considerations for life and accident and health contracts	274,160,687	447,282,648	624,464,607
2. Considerations for supplementary contracts with life contingencies	983,586	1,694,625	2,435,429
3. Net investment income	257,631,286	226,750,728	304,807,739
4. Amortization of Interest Maintenance Reserve (IMR)	1,336,143	830,150	1,300,665
5. Separate Accounts net gain from operations excluding unrealized gains or losses	(112,244)	(259,325)	445,938
6. Commissions and expense allowances on reinsurance ceded	7,682,554	12,339,723	15,728,677
7. Reserve adjustments on reinsurance ceded	(7,835,957)	7,590,674	6,028,568
8. Miscellaneous Income:			
8.1 Income from fees associated with investment management, administration and contract guarantees from Separate Accounts	13,942,288	18,471,113	23,636,199
8.2 Charges and fees for deposit-type contracts			
8.3 Aggregate write-ins for miscellaneous income	165,464	279,613	372,547
9. Totals (Lines 1 to 8.3)	547,953,807	714,979,949	979,220,369
10. Death benefits	19,315,019	14,419,857	26,255,488
11. Matured endowments (excluding guaranteed annual pure endowments)			
12. Annuity benefits	51,524,186	58,646,672	84,104,087
13. Disability benefits and benefits under accident and health contracts	283,765	287,918	387,206
14. Coupons, guaranteed annual pure endowments and similar benefits			
15. Surrender benefits and withdrawals for life contracts	145,961,789	173,866,858	221,280,777
16. Group conversions			
17. Interest and adjustments on contract or deposit-type contract funds	81,012,173	61,571,224	83,936,368
18. Payments on supplementary contracts with life contingencies	413,767	325,902	451,343
19. Increase in aggregate reserves for life and accident and health contracts	40,189,635	135,591,028	400,596,630
20. Totals (Lines 10 to 19)	338,700,334	444,709,459	817,011,899
21. Commissions on premiums, annuity considerations, and deposit-type contract funds (direct business only)	5,327,629	15,120,773	18,918,735
22. Commissions and expense allowances on reinsurance assumed			
23. General insurance expenses and fraternal expenses	50,007,796	99,448,516	136,257,575
24. Insurance taxes, licenses and fees, excluding federal income taxes	5,190,860	13,012,464	12,022,931
25. Increase in loading on deferred and uncollected premiums	(491,835)	(323,809)	(192,465)
26. Net transfers to or (from) Separate Accounts net of reinsurance	34,182,407	93,066,073	140,213,459
27. Aggregate write-ins for deductions	39,865,479	37,665,814	49,746,363
28. Totals (Lines 20 to 27)	472,782,670	702,699,290	1,173,978,497
29. Net gain from operations before dividends to policyholders and federal income taxes (Line 9 minus Line 28)	75,171,137	12,280,659	(194,758,128)
30. Dividends to policyholders and refunds to members			
31. Net gain from operations after dividends to policyholders, refunds to members and before federal income taxes (Line 29 minus Line 30)	75,171,137	12,280,659	(194,758,128)
32. Federal and foreign income taxes incurred (excluding tax on capital gains)	12,374,734	2,950,252	3,653,250
33. Net gain from operations after dividends to policyholders, refunds to members and federal income taxes and before realized capital gains or (losses) (Line 31 minus Line 32)	62,796,403	9,330,407	(198,411,378)
34. Net realized capital gains (losses) (excluding gains (losses) transferred to the IMR) less capital gains tax of \$(1,582,741) (excluding taxes of \$3,306,595	(2,171,189)	(8,803,635)	(9,371,244)
35. Net income (Line 33 plus Line 34)	60,625,214	526,772	(207,782,622)
CAPITAL AND SURPLUS ACCOUNT			
36. Capital and surplus, December 31, prior year	510,536,606	500,883,927	500,883,927
37. Net income (Line 35)	60,625,214	526,772	(207,782,622)
38. Change in net unrealized capital gains (losses) less capital gains tax of \$			
39. Change in net unrealized foreign exchange capital gain (loss)			
40. Change in net deferred income tax	(2,007,511)	2,865,266	49,275,590
41. Change in nonadmitted assets	2,636,812	(2,498,663)	(47,649,399)
42. Change in liability for reinsurance in unauthorized and certified companies	4,209,525	2,499,299	(1,575,060)
43. Change in reserve on account of change in valuation basis, (increase) or decrease			
44. Change in asset valuation reserve	(4,883,787)	3,755,228	(194,306)
45. Change in treasury stock			
46. Surplus (contributed to) withdrawn from Separate Accounts during period			
47. Other changes in surplus in Separate Accounts Statement	(984,431)	(2,292,926)	(2,421,524)
48. Change in surplus notes			
49. Cumulative effect of changes in accounting principles			
50. Capital changes:			
50.1 Paid in			
50.2 Transferred from surplus (Stock Dividend)			
50.3 Transferred to surplus			
51. Surplus adjustment:			
51.1 Paid in			220,000,000
51.2 Transferred to capital (Stock Dividend)			
51.3 Transferred from capital			
51.4 Change in surplus as a result of reinsurance			
52. Dividends to stockholders			
53. Aggregate write-ins for gains and losses in surplus			
54. Net change in capital and surplus for the year (Lines 37 through 53)	59,595,822	4,854,976	9,652,679
55. Capital and surplus, as of statement date (Lines 36 + 54)	570,132,428	505,738,903	510,536,606
DETAILS OF WRITE-INS			
08.301. Miscellaneous income	165,464	279,613	372,547
08.302.			
08.303.			
08.398. Summary of remaining write-ins for Line 8.3 from overflow page			
08.399. Totals (Lines 08.301 through 08.303 plus 08.398) (Line 8.3 above)	165,464	279,613	372,547
2701. Miscellaneous deductions	39,865,479	37,665,814	49,746,363
2702.			
2703.			
2798. Summary of remaining write-ins for Line 27 from overflow page			
2799. Totals (Lines 2701 through 2703 plus 2798)(Line 27 above)	39,865,479	37,665,814	49,746,363
5301.			
5302.			
5303.			
5398. Summary of remaining write-ins for Line 53 from overflow page			
5399. Totals (Lines 5301 through 5303 plus 5398)(Line 53 above)			

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

CASH FLOW

	1 Current Year To Date	2 Prior Year To Date	3 Prior Year Ended December 31
Cash from Operations			
1. Premiums collected net of reinsurance	272,513,392	443,673,134	619,202,864
2. Net investment income	245,701,174	220,393,969	298,579,800
3. Miscellaneous income	24,064,811	35,007,667	41,852,657
4. Total (Lines 1 to 3)	542,279,377	699,074,770	959,635,321
5. Benefit and loss related payments	262,712,663	282,996,439	375,874,951
6. Net transfers to Separate Accounts, Segregated Accounts and Protected Cell Accounts	31,314,260	95,489,651	141,796,671
7. Commissions, expenses paid and aggregate write-ins for deductions	60,487,446	127,622,012	167,401,528
8. Dividends paid to policyholders			
9. Federal and foreign income taxes paid (recovered) net of \$ 2,800,996 tax on capital gains (losses)	16,340,135	4,490,193	1,047,023
10. Total (Lines 5 through 9)	370,854,504	510,598,295	686,120,173
11. Net cash from operations (Line 4 minus Line 10)	171,424,873	188,476,475	273,515,148
Cash from Investments			
12. Proceeds from investments sold, matured or repaid:			
12.1 Bonds	758,884,760	618,350,911	874,143,206
12.2 Stocks			
12.3 Mortgage loans			
12.4 Real estate			
12.5 Other invested assets			
12.6 Net gains or (losses) on cash, cash equivalents and short-term investments	11,426	(288)	566
12.7 Miscellaneous proceeds	289,947,588	73,705,269	15,198,043
12.8 Total investment proceeds (Lines 12.1 to 12.7)	1,048,843,774	692,055,892	889,341,815
13. Cost of investments acquired (long-term only):			
13.1 Bonds	3,222,918,506	1,132,704,760	1,626,570,527
13.2 Stocks			
13.3 Mortgage loans			
13.4 Real estate			
13.5 Other invested assets			
13.6 Miscellaneous applications	168,274		1,188
13.7 Total investments acquired (Lines 13.1 to 13.6)	3,223,086,780	1,132,704,760	1,626,571,715
14. Net increase (or decrease) in contract loans and premium notes	2,979,670	5,820,121	6,055,199
15. Net cash from investments (Line 12.8 minus Line 13.7 and Line 14)	(2,177,222,676)	(446,468,989)	(743,285,099)
Cash from Financing and Miscellaneous Sources			
16. Cash provided (applied):			
16.1 Surplus notes, capital notes			
16.2 Capital and paid in surplus, less treasury stock			220,000,000
16.3 Borrowed funds			
16.4 Net deposits on deposit-type contracts and other insurance liabilities	2,089,729,709	275,804,351	353,547,131
16.5 Dividends to stockholders			
16.6 Other cash provided (applied)	(21,284,935)	(8,065,847)	3,848,317
17. Net cash from financing and miscellaneous sources (Line 16.1 through Line 16.4 minus Line 16.5 plus Line 16.6)	2,068,444,774	267,738,504	577,395,448
RECONCILIATION OF CASH, CASH EQUIVALENTS AND SHORT-TERM INVESTMENTS			
18. Net change in cash, cash equivalents and short-term investments (Line 11, plus Lines 15 and 17) ..	62,646,971	9,745,990	107,625,497
19. Cash, cash equivalents and short-term investments:			
19.1 Beginning of year	279,378,763	171,753,266	171,753,266
19.2 End of period (Line 18 plus Line 19.1)	342,025,735	181,499,256	279,378,763
Note: Supplemental disclosures of cash flow information for non-cash transactions:			
20.0001. Security exchanges	167,936,217	96,958,270	148,047,155
20.0002. Capitalized interest on bonds	2,148,078	1,820,130	2,461,425
20.0003. Interest credited on deposit type contracts	80,719,644	61,639,740	83,808,030

EXHIBIT 1

DIRECT PREMIUMS AND DEPOSIT-TYPE CONTRACTS			
	1 Current Year To Date	2 Prior Year To Date	3 Prior Year Ended December 31
1. Industrial life			
2. Ordinary life insurance	156,547,258	261,517,217	364,581,453
3. Ordinary individual annuities	145,200,459	209,196,402	290,267,364
4. Credit life (group and individual)			
5. Group life insurance	33,549,675	50,390,442	66,149,664
6. Group annuities			
7. A & H - group			
8. A & H - credit (group and individual)			
9. A & H - other	5,207,050	5,177,969	6,925,103
10. Aggregate of all other lines of business			
11. Subtotal (Lines 1 through 10)	340,504,442	526,282,030	727,923,584
12. Fraternal (Fraternal Benefit Societies Only)			
13. Subtotal (Lines 11 through 12)	340,504,442	526,282,030	727,923,584
14. Deposit-type contracts	3,763,217,751	1,050,914,243	1,411,321,808
15. Total (Lines 13 and 14)	4,103,722,193	1,577,196,273	2,139,245,392
DETAILS OF WRITE-INS			
1001.			
1002.			
1003.			
1098. Summary of remaining write-ins for Line 10 from overflow page			
1099. Totals (Lines 1001 through 1003 plus 1098)(Line 10 above)			

NOTES TO FINANCIAL STATEMENTS

1. Summary of Significant Accounting Policies and Going Concern

A. Accounting Principles

The financial statements of TIAA-CREF Life Insurance Company (“TC Life” or the “Company”) have been presented on the basis of statutory accounting principles prescribed or permitted by the New York State Department of Financial Services (the “Department”). The Department requires insurance companies domiciled in the State of New York to prepare their statutory basis financial statements in accordance with the National Association of Insurance Commissioners’ (“NAIC”) *Accounting Practices and Procedures Manual* (“NAIC SAP”), subject to any deviation prescribed or permitted by the Department (“New York SAP”).

A reconciliation of the Company’s income and capital and surplus between NAIC SAP and practices prescribed or permitted by the State of New York is shown below:

	SSAP#	F/S Page	F/S Line	09/30/2020	12/31/2019
Net Income (loss), New York SAP.....				\$ 60,625,214	\$ (207,782,622)
New York SAP Prescribed Practices that are an increase/(decrease) from NAIC SAP:					
Additional Reserves for Term Conversions.....	51R	4	19	471,013	(1,380,307)
Net Income (loss), NAIC SAP.....				<u>\$ 60,154,201</u>	<u>\$ (206,402,315)</u>
Capital and Surplus, New York SAP.....				\$ 570,132,428	\$ 510,536,606
New York SAP Prescribed Practices that are an increase/(decrease) from NAIC SAP:					
Deferred Premium Asset Limitation.....	51R, 61R	2	15.2	(816,717)	(466,122)
Book Value Separate Account Assets.....	56	2	27	—	(6,844,749)
Book Value Separate Account Liabilities.....	56	3	27	—	8,413,748
Additional Reserves for Term Conversions.....	51R	3	1	<u>(6,643,179)</u>	<u>(7,114,192)</u>
Capital and Surplus, NAIC SAP.....				<u>\$ 577,592,324</u>	<u>\$ 516,547,921</u>

The deferred premium asset limitation results from the NYSDFS Circular Letter No. 11 (2010), which prescribed the calculation and clarified the accounting for deferred premium assets when reinsurance is involved.

The Stable Value Separate Account ("SVSA") products were accounted for at book value in accordance with New York Insurance Law (“NYIL”) Section 1414. The separate account liabilities for the benefits guaranteed under the contracts were carried at contract book value in accordance with NYIL section 4217, DFS Regulation No. 151. During the quarter ended March 31, 2020, the contract backed by the Stable Value Separate Account-3 was terminated, the market value of the account was distributed, the liabilities were settled and the account was closed. As of March 31, 2020, there were no remaining balances within the SVSA product.

The additional reserve for the term conversions results from the Department requiring in Regulation No. 147 (11NYCRR 98) Valuation of Life Insurance Reserves Section 98.4 for any policy which guarantees renewal, or conversion to another policy, without evidence of insurability, additional reserves shall be held that account for excess mortality due to anti-selection with appropriate margins to cover expenses and risk of moderately adverse deviations in experience.

The Company's risk based capital as of September 30, 2020 and December 31, 2019 would not have triggered a regulatory event without the use of the New York SAP prescribed practices.

B. Use of Estimates in Preparation of the Financial Statements

The preparation of the Company's statutory financial statements requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities. It also requires disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expense during the period. Actual results may differ from those estimates.

The outbreak of the novel coronavirus (“COVID-19”) and subsequent global pandemic began significantly impacting the U.S. and global financial markets and economies during March 2020. The worldwide spread of COVID-19 has created significant uncertainty in the global economy. The duration and extent of COVID-19 over the long-term cannot be reasonably estimated at this time. There have been no comparable recent events that provide guidance as to the effect the spread of COVID-19 as a global pandemic may have on the Company's financial performance. The ultimate impact of COVID-19 and the extent to which COVID-19 impacts the Company's business, results of operations, investments, and cash flows will depend on future developments, which are highly uncertain and difficult to predict.

NOTES TO FINANCIAL STATEMENTS**C. Accounting Policy**

- (1) No material change
- (2) Not applicable
- (3) - (5) No material change
- (6) Included within bonds are loan-backed and structured securities. Estimated future cash flows and expected prepayment speeds are used to determine the amortization of loan-backed and structured securities under the prospective method. Expected future cash flows and prepayment speeds are evaluated quarterly. Certain loan-backed and structured securities are reported at the lower of amortized cost or fair value as a result of the NAIC modeling process.

For loan-backed and structured securities, which the Company has the intent and ability to hold for a period of time sufficient to recover the amortized cost basis, when an other-than-temporary impairment ("OTTI") has occurred because the Company does not expect to recover the entire amortized cost basis of the security, the amount of the OTTI recognized as a realized loss is the difference between the security's amortized cost basis and the present value of cash flows expected to be collected, discounted at the loan-backed or structured security's effective interest rate.

For loan-backed and structured securities, when an OTTI has occurred because the Company intends to sell the security or the Company does not have the intent and ability to retain the security for a period of time sufficient to recover the amortized cost basis, the amount of the OTTI realized is the difference between the security's amortized cost basis and fair value at the balance sheet date.

In periods subsequent to the recognition of an OTTI loss for a loan-backed or structured security, the Company accounts for the other-than-temporarily impaired security as if the security had been purchased on the measurement date of the impairment. The difference between the new amortized cost basis and the cash flows expected to be collected is accreted as interest income in future periods based on prospective changes in cash flow estimates.

- (7) - (13) No material change

D. Going Concern

The Company does not have any doubt about its ability to continue as a going concern. In addition, the Company has a financial support agreement with its parent, Teachers Insurance and Annuity Association of America ("TIAA"). Under this agreement, TIAA will provide support so the Company will have the greater of (a) capital and surplus of \$250,000,000, (b) the amount of capital and surplus necessary to maintain the Company's capital and surplus at a level not less than 150% of the NAIC Risk Based Capital model or (c) such other amount as necessary to maintain the Company's financial strength rating at least the same as TIAA's rating at all times. This agreement is not an evidence of indebtedness or an obligation or liability of TIAA and does not provide any creditor of the Company with recourse to TIAA.

2. Accounting Changes and Corrections of Errors

No material change

3. Business Combinations and Goodwill

Not applicable

4. Discontinued Operations

Not applicable

5. Investments**A. Mortgage Loans**

Not applicable

B. Debt Restructuring

Not applicable

C. Reverse Mortgages

Not applicable

NOTES TO FINANCIAL STATEMENTS

D. Loan-Backed Securities

- (1) The near-term prepayment assumptions for loan-backed and structured securities are based on historical averages drawing from performance experience for a particular transaction and may vary by security type. The long-term assumptions are adjusted based on expected performance.
- (2) For the period ended September 30, 2020, the Company recognized no other-than-temporary impairment ("OTTI") on securities it lacked the ability to hold or had the intent to sell.
- (3) The Company has no loan-backed and structured securities that recognized OTTI as of September 30, 2020.
- (4) All impaired securities (fair value is less than cost or amortized cost) for which an OTTI has not been recognized in earnings as a realized loss (including securities with a recognized OTTI for non-interest related declines when a non-recognized interest related impairment remains):
- | | | | |
|---|------------------------|----|-------------|
| a. The aggregate amount of unrealized losses: | 1. Less than 12 Months | \$ | 401,773 |
| | 2. 12 Months or Longer | \$ | 18,704 |
| b. The aggregate related fair value of securities with unrealized losses: | 1. Less than 12 Months | \$ | 165,479,749 |
| | 2. 12 Months or Longer | \$ | 418,821 |
- (5) The Company's management periodically reviews the investment portfolios and identifies investments which may have deteriorated in credit quality and are candidates for impairment. The Company develops cash flows as part of its impairment review process. Where the cash flows support the recovery of the principal balance, the Company concludes that the impairment is not other-than-temporary.

E. Dollar Repurchase Agreements and/or Securities Lending Transactions

Not applicable

F. Repurchase Agreements Transactions Accounted for as Secured Borrowing

Not applicable

G. Reverse Repurchase Agreements Transactions Accounted for as Secured Borrowing

Not applicable

H. Repurchase Agreements Transactions Accounted for as a Sale

Not applicable

I. Reverse Repurchase Agreements Transactions Accounted for as a Sale

Not applicable

J. Real Estate

Not applicable

K. Low Income Housing Tax Credits ("LIHTC")

Not applicable

L. Restricted Assets

No material change

M. Working Capital Financial Investments

Not applicable

N. Offsetting and Netting of Assets and Liabilities

Not applicable

O. 5GI Securities

Not applicable

NOTES TO FINANCIAL STATEMENTS

P. Short Sales

Not applicable

Q. Prepayment Penalty and Acceleration Fees

No material change

6. Joint Ventures, Partnerships and Limited Liability Companies

Not applicable

7. Investment Income

No material change

8. Derivative Instruments

Not applicable

9. Federal Income Tax

No material change

10. Information Concerning Parent, Subsidiaries, Affiliates and Other Related Parties

No material change

11. Debt

Not applicable

12. Retirement Plans, Deferred Compensation, Postemployment Benefits and Compensated Absences and Other Post Retirement Benefit Plans

Not applicable

13. Capital and Surplus, Shareholders' Dividend Restrictions and Quasi-Reorganization

No material change

14. Liabilities, Contingencies and Assessments

No material change

15. Leases

Not applicable

16. Information About Financial Instruments With Off-Balance Sheet Risk And Financial Instruments With Concentrations of Credit Risk

Not applicable

17. Sale, Transfer and Servicing of Financial Assets and Extinguishments of Liabilities

Not applicable

18. Gain or Loss to the Reporting Entity from Uninsured Plans and the Uninsured Portion of Partially Insured Plans

Not applicable

19. Direct Premium Written/Produced by Managing General Agents/Third Party Administrators

Not applicable

NOTES TO FINANCIAL STATEMENTS

20. Fair Value Measurements

- A. Included in the Company’s financial statements are certain financial instruments carried at fair value. Other financial instruments are periodically measured at fair value, such as when impaired, or for certain bonds and preferred stock when carried at the lower of cost or fair value.

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date.

Fair values of financial instruments are based on quoted market prices when available. When market prices are not available, fair values are primarily provided by a third party pricing service for identical or comparable assets, or through the use of valuation methodologies using observable market inputs. These fair values are generally estimated using discounted cash flow analysis, incorporating current market inputs for similar financial instruments with comparable terms and credit quality. In instances where there is little or no market activity for the same or similar instruments, the Company estimates fair value using methods, models and assumptions that management believes market participants would use to determine a current transaction price. These valuation techniques involve management estimation and judgment for many factors including market bid/ask spreads, and such estimations may become significant with increasingly complex instruments or pricing models.

The Company’s financial assets and liabilities measured and reported at fair value have been classified, for disclosure purposes, based on a hierarchy defined by SSAP No. 100R, Fair Value. The fair value hierarchy prioritizes the inputs to valuation techniques used to measure fair value into three broad levels. The hierarchy gives the highest ranking to fair values determined using unadjusted quoted prices in active markets for identical assets and liabilities (Level 1) and the lowest ranking to fair values determined using methodologies and models with unobservable inputs (Level 3). An asset’s or a liability’s classification is based on the lowest level input that is significant to its measurement. For example, a Level 3 fair value measurement may include inputs that are both observable (Levels 1 and Level 2) and unobservable (Level 3). The levels of the fair value hierarchy are as follows:

Level 1 – Inputs are unadjusted quoted prices in active markets for identical assets and liabilities that the Company has the ability to access at the measurement date.

Level 2 – Other than quoted prices within Level 1 inputs that are observable for the asset or liability, either directly or indirectly.

Level 2 inputs include:

- Quoted prices for similar assets or liabilities in active markets,
- Quoted prices for identical or similar assets or liabilities in markets that are not active,
- Inputs other than quoted prices that are observable for the asset or liability,
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means.

Level 3 – Inputs are unobservable inputs for the asset or liability supported by little or no market activity. Unobservable inputs reflect the Company’s own assumptions about the assumptions that market participants would use in pricing the asset or liability. The Company’s data used to develop unobservable inputs is adjusted if information is reasonably available without undue cost and effort that indicates that market participants would use different assumptions.

Considerable judgment is required to interpret market data in developing the estimates of fair value for financial instruments for which there are no available market value quotations. The estimates presented are not necessarily indicative of the amounts the Company could have realized in a market exchange. The use of different market assumptions and/or estimation methodologies may have a material effect on the estimated fair value amounts.

(1) Financial assets and liabilities measured and reported at fair value

The following table provides information about the Company’s financial assets and liabilities measured and reported at fair value at September 30, 2020:

	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Total
Assets at fair value:					
Separate account assets	\$ 3,651,535,746	\$ 25,969,672	\$ —	\$ —	\$ 3,677,505,418
Total assets at fair value	<u>\$ 3,651,535,746</u>	<u>\$ 25,969,672</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 3,677,505,418</u>
Total liabilities at fair value	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>

NOTES TO FINANCIAL STATEMENTS

(2) Reconciliation of Level 3 assets and liabilities measured and reported at fair value:

At September 30, 2020 and December 31, 2019, there were no assets or liabilities measured and reported at fair value using Level 3 inputs.

(3) The Company's policy is to recognize transfers into and out of Level 3 at the actual date of the event or change in circumstances that caused the transfer.

(4) See 20.B.

(5) Not applicable.

- B. The estimated fair values of the financial assets and liabilities presented within this note are determined by the Company using market information available as of September 30, 2020. The following is a summary of the valuation techniques and inputs used in the fair value measurements for all financial instruments, including those assets and liabilities carried at fair value in the Company's statement of financial position.

Level 1 financial instruments

Unadjusted quoted prices for these securities are provided to the Company by independent pricing services. Preferred stocks and separate account assets in Level 1 primarily include exchange traded equities and mutual fund investments valued by the respective mutual fund companies. Cash in Level 1 consists of cash on hand.

Level 2 financial instruments

Bonds in Level 2 are valued principally by third party pricing services using market observable inputs. Because most bonds do not trade daily, independent pricing services regularly derive fair values using recent trades of securities with similar features. When recent trades are not available, pricing models are used to estimate the fair values of securities by discounting future cash flows at estimated market interest rates. Typical inputs to models used by independent pricing services include but are not limited to benchmark yields, reported trades, broker-dealer quotes, issuer spreads, benchmark securities, bids, offers, reference data, and industry and economic events. Additionally, for loan-backed and structured securities, valuation is based primarily on market inputs including benchmark yields, expected prepayment speeds, loss severity, delinquency rates, weighted average coupon, weighted average maturity and issuance specific information. Issuance specific information includes collateral type, payment terms of underlying assets, payment priority within the tranche, structure of the security, deal performance and vintage of loans.

Other invested assets in level 2 represent surplus notes and are valued by a third party pricing vendor using primarily observable market inputs. Observable inputs include benchmark yields, reported trades, market dealer quotes, issuer spreads, two-sided markets, benchmark securities, bids, offers and reference data.

Separate account assets in Level 2 consist principally of corporate bonds, short term government agency notes and commercial paper.

Cash equivalents in Level 2 are valued principally by third party services using market observable inputs.

Level 3 financial instruments

Valuation techniques for bonds included in Level 3 are generally the same as those described in Level 2 except that the techniques utilize inputs that are not readily observable in the market, including illiquidity premiums and spread adjustments to reflect industry trends or specific credit-related issues. The Company assesses the significance of unobservable inputs for each security and classifies that security in Level 3 as a result of the significance of unobservable inputs.

Contract loans are fully collateralized by the cash surrender value of underlying insurance policies and are valued based on the carrying value of the loan, which approximates fair value, and are classified as Level 3.

Separate account liabilities are accounted for at fair value and reflect the contractual obligations of the insurer arising out of the provisions of the insurance contract.

Deposit-type contracts are valued based on the accumulated account value, which approximates fair value, and are classified as Level 3.

NOTES TO FINANCIAL STATEMENTS

C. Aggregate fair value for all financial instruments:

The aggregate fair value for all financial instruments and the level within the fair value hierarchy:

Assets:	Aggregate Fair Value	Admitted Assets	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Not Practicable (Carrying Value)
Bonds	\$12,292,272,324	\$11,140,389,553	\$ —	\$12,280,176,198	\$ 12,096,126	\$ —	\$ —
Preferred stock	3,836,566	182,882	3,836,566	—	—	—	—
Other invested assets	6,038,508	4,672,289	—	6,038,508	—	—	—
Separate account assets	3,677,505,418	3,677,505,418	3,651,535,746	25,969,672	—	—	—
Contract loans	42,806,233	42,806,233	—	—	42,806,233	—	—
Cash, cash equivalents & short term investments ...	342,032,501	342,025,735	(3,761,368)	345,793,869	—	—	—
Total	<u>\$16,364,491,550</u>	<u>\$15,207,582,110</u>	<u>\$3,651,610,944</u>	<u>\$12,657,978,247</u>	<u>\$ 54,902,359</u>	<u>\$ —</u>	<u>\$ —</u>
Liabilities:	Aggregate Fair Value	Liabilities	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Not Practicable (Carrying Value)
Deposit-type contracts	\$ 6,711,756,808	\$ 6,711,756,808	\$ —	\$ —	\$6,711,756,808	\$ —	\$ —
Separate account liabilities	3,665,699,506	3,665,699,506	—	—	3,665,699,506	—	—
Total	<u>\$10,377,456,314</u>	<u>\$10,377,456,314</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$10,377,456,314</u>	<u>\$ —</u>	<u>\$ —</u>

D. Not applicable

E. Not applicable

21. Other Items

No material change

22. Events Subsequent

Subsequent events have been considered through November 6, 2020 for the statutory statement issued on November 6, 2020. No subsequent events were noted.

23. Reinsurance

No material change

24. Retrospectively Rated Contracts and Contracts Subject to Redetermination

Not applicable

25. Changes in Incurred Losses and Loss Adjustment Expenses

Not applicable

26. Intercompany Pooling Arrangements

Not applicable

27. Structured Settlements

Not applicable

28. Health Care Receivables

Not applicable

29. Participating Policies

Not applicable

30. Premium Deficiency Reserves

Not applicable

31. Reserves for Life Contracts and Annuity Contracts

No material change

NOTES TO FINANCIAL STATEMENTS

32. Analysis of Annuity Actuarial Reserves and Deposit Type Contract Liabilities by Withdrawal Characteristics

No material change

33. Analysis of Life Actuarial Reserves by Withdrawal Characteristics

No material change

34. Premiums and Annuity Considerations Deferred and Uncollected

No material change

35. Separate Accounts

The contract backed by the Stable Value Separate Account-3 was terminated effective February 5, 2020. The market value of the account was distributed, and the liabilities were settled. The account was subsequently closed in March 2020.

36. Loss/Claims Adjustment Expense

No material change

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

GENERAL INTERROGATORIES

PART 1 - COMMON INTERROGATORIES

GENERAL

- 1.1

Did the reporting entity experience any material transactions requiring the filing of Disclosure of Material Transactions with the State of Domicile, as required by the Model Act?

Yes [] No [X]
- 1.2

If yes, has the report been filed with the domiciliary state?

Yes [] No []
- 2.1

Has any change been made during the year of this statement in the charter, by-laws, articles of incorporation, or deed of settlement of the reporting entity?

Yes [] No [X]
- 2.2

If yes, date of change:
- 3.1

Is the reporting entity a member of an Insurance Holding Company System consisting of two or more affiliated persons, one or more of which is an insurer?

If yes, complete Schedule Y, Parts 1 and 1A.

Yes [X] No []
- 3.2

Have there been any substantial changes in the organizational chart since the prior quarter end?

Yes [] No [X]
- 3.3

If the response to 3.2 is yes, provide a brief description of those changes.
- 3.4

Is the reporting entity publicly traded or a member of a publicly traded group?

Yes [] No [X]
- 3.5

If the response to 3.4 is yes, provide the CIK (Central Index Key) code issued by the SEC for the entity/group.
- 4.1

Has the reporting entity been a party to a merger or consolidation during the period covered by this statement?

If yes, complete and file the merger history data file with the NAIC.

Yes [] No [X]
- 4.2

If yes, provide the name of the entity, NAIC Company Code, and state of domicile (use two letter state abbreviation) for any entity that has ceased to exist as a result of the merger or consolidation.
- | | | |
|----------------|-------------------|-------------------|
| 1 | 2 | 3 |
| Name of Entity | NAIC Company Code | State of Domicile |
| | | |
5.

If the reporting entity is subject to a management agreement, including third-party administrator(s), managing general agent(s), attorney-in-fact, or similar agreement, have there been any significant changes regarding the terms of the agreement or principals involved?

If yes, attach an explanation.

Yes [] No [X] N/A []
- 6.1

State as of what date the latest financial examination of the reporting entity was made or is being made.

12/31/2018
- 6.2

State the as of date that the latest financial examination report became available from either the state of domicile or the reporting entity. This date should be the date of the examined balance sheet and not the date the report was completed or released.

12/31/2018
- 6.3

State as of what date the latest financial examination report became available to other states or the public from either the state of domicile or the reporting entity. This is the release date or completion date of the examination report and not the date of the examination (balance sheet date).

06/25/2020
- 6.4

By what department or departments?
New York State Department of Financial Services
- 6.5

Have all financial statement adjustments within the latest financial examination report been accounted for in a subsequent financial statement filed with Departments?

Yes [] No [] N/A [X]
- 6.6

Have all of the recommendations within the latest financial examination report been complied with?

Yes [] No [] N/A [X]
- 7.1

Has this reporting entity had any Certificates of Authority, licenses or registrations (including corporate registration, if applicable) suspended or revoked by any governmental entity during the reporting period?

Yes [] No [X]
- 7.2

If yes, give full information:
- 8.1

Is the company a subsidiary of a bank holding company regulated by the Federal Reserve Board?

Yes [] No [X]
- 8.2

If response to 8.1 is yes, please identify the name of the bank holding company.
- 8.3

Is the company affiliated with one or more banks, thrifts or securities firms?

Yes [X] No []
- 8.4

If response to 8.3 is yes, please provide below the names and location (city and state of the main office) of any affiliates regulated by a federal regulatory services agency [i.e. the Federal Reserve Board (FRB), the Office of the Comptroller of the Currency (OCC), the Federal Deposit Insurance Corporation (FDIC) and the Securities Exchange Commission (SEC)] and identify the affiliate's primary federal regulator.

1	2	3	4	5	6
Affiliate Name	Location (City, State)	FRB	OCC	FDIC	SEC
TIAA, FSB	Jacksonville, Florida		YES		
TIAA FSB Holdings, Inc.	Jacksonville, Florida	YES			
Teachers Insurance and Annuity Association of America	New York, New York	YES			
TIAA Board of Overseers	New York, New York	YES			
TIAA-CREF Individual & Institutional Services, LLC	New York, New York				YES
Nuveen Securities, LLC	Chicago, Illinois				YES

GENERAL INTERROGATORIES

- 9.1

Are the senior officers (principal executive officer, principal financial officer, principal accounting officer or controller, or persons performing similar functions) of the reporting entity subject to a code of ethics, which includes the following standards?
(a) Honest and ethical conduct, including the ethical handling of actual or apparent conflicts of interest between personal and professional relationships;
(b) Full, fair, accurate, timely and understandable disclosure in the periodic reports required to be filed by the reporting entity;
(c) Compliance with applicable governmental laws, rules and regulations;
(d) The prompt internal reporting of violations to an appropriate person or persons identified in the code; and
(e) Accountability for adherence to the code.

Yes [X] No []
- 9.11

If the response to 9.1 is No, please explain:
- 9.2

Has the code of ethics for senior managers been amended?

Yes [] No [X]
- 9.21

If the response to 9.2 is Yes, provide information related to amendment(s).
- 9.3

Have any provisions of the code of ethics been waived for any of the specified officers?

Yes [] No [X]
- 9.31

If the response to 9.3 is Yes, provide the nature of any waiver(s).

FINANCIAL

- 10.1

Does the reporting entity report any amounts due from parent, subsidiaries or affiliates on Page 2 of this statement?

Yes [] No [X]
- 10.2

If yes, indicate any amounts receivable from parent included in the Page 2 amount:

\$

INVESTMENT

- 11.1

Were any of the stocks, bonds, or other assets of the reporting entity loaned, placed under option agreement, or otherwise made available for use by another person? (Exclude securities under securities lending agreements.)

Yes [X] No []
- 11.2

If yes, give full and complete information relating thereto:
As of September 30, 2020, the statement value of the assets on deposit with states is \$8,061,094.
12.

Amount of real estate and mortgages held in other invested assets in Schedule BA:

\$
13.

Amount of real estate and mortgages held in short-term investments:

\$
- 14.1

Does the reporting entity have any investments in parent, subsidiaries and affiliates?

Yes [] No [X]
- 14.2

If yes, please complete the following:

	1	2
	Prior Year-End Book/Adjusted Carrying Value	Current Quarter Book/Adjusted Carrying Value
14.21 Bonds	\$	\$
14.22 Preferred Stock	\$	\$
14.23 Common Stock	\$	\$
14.24 Short-Term Investments	\$	\$
14.25 Mortgage Loans on Real Estate	\$	\$
14.26 All Other	\$	\$
14.27 Total Investment in Parent, Subsidiaries and Affiliates (Subtotal Lines 14.21 to 14.26)	\$	\$
14.28 Total Investment in Parent included in Lines 14.21 to 14.26 above	\$	\$
- 15.1

Has the reporting entity entered into any hedging transactions reported on Schedule DB?

Yes [] No [X]
- 15.2

If yes, has a comprehensive description of the hedging program been made available to the domiciliary state?
If no, attach a description with this statement.

Yes [] No [] N/A [X]
16.

For the reporting entity's security lending program, state the amount of the following as of the current statement date:

16.1

Total fair value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2.

\$

16.2

Total book adjusted/carrying value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2

\$

16.3

Total payable for securities lending reported on the liability page.

\$

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

GENERAL INTERROGATORIES

17. Excluding items in Schedule E - Part 3 - Special Deposits, real estate, mortgage loans and investments held physically in the reporting entity's offices, vaults or safety deposit boxes, were all stocks, bonds and other securities, owned throughout the current year held pursuant to a custodial agreement with a qualified bank or trust company in accordance with Section 1, III - General Examination Considerations, F. Outsourcing of Critical Functions, Custodial or Safekeeping Agreements of the NAIC Financial Condition Examiners Handbook? Yes [X] No []
- 17.1 For all agreements that comply with the requirements of the NAIC Financial Condition Examiners Handbook, complete the following:

1 Name of Custodian(s)	2 Custodian Address
Citibank, N.A.	388 Greenwich Street 24th Floor New York, NY 10013
JPMorgan Chase Bank, N.A.	270 Park Avenue New York, NY 10017

- 17.2 For all agreements that do not comply with the requirements of the NAIC Financial Condition Examiners Handbook, provide the name, location and a complete explanation:

1 Name(s)	2 Location(s)	3 Complete Explanation(s)

- 17.3 Have there been any changes, including name changes, in the custodian(s) identified in 17.1 during the current quarter? Yes [] No [X]
- 17.4 If yes, give full information relating thereto:

1 Old Custodian	2 New Custodian	3 Date of Change	4 Reason

- 17.5 Investment management – Identify all investment advisors, investment managers, broker/dealers, including individuals that have the authority to make investment decisions on behalf of the reporting entity. For assets that are managed internally by employees of the reporting entity, note as such. ["...that have access to the investment accounts"; "...handle securities"]

1 Name of Firm or Individual	2 Affiliation
Teachers Advisors, LLC	A.....

- 17.5097 For those firms/individuals listed in the table for Question 17.5, do any firms/individuals unaffiliated with the reporting entity (i.e. designated with a "U") manage more than 10% of the reporting entity's invested assets?..... Yes [] No [X]

- 17.5098 For firms/individuals unaffiliated with the reporting entity (i.e. designated with a "U") listed in the table for Question 17.5, does the total assets under management aggregate to more than 50% of the reporting entity's invested assets?..... Yes [] No [X]

- 17.6 For those firms or individuals listed in the table for 17.5 with an affiliation code of "A" (affiliated) or "U" (unaffiliated), provide the information for the table below.

1 Central Registration Depository Number	2 Name of Firm or Individual	3 Legal Entity Identifier (LEI)	4 Registered With	5 Investment Management Agreement (IMA) Filed
107157	Teachers Advisors, LLC	Q3EVPQ17HQSI1MVRLOU14	Securities and Exchange Commission	DS.....

- 18.1 Have all the filing requirements of the Purposes and Procedures Manual of the NAIC Investment Analysis Office been followed? Yes [X] No []
- 18.2 If no, list exceptions:

19. By self-designating 5GI securities, the reporting entity is certifying the following elements for each self-designated 5GI security:
- a. Documentation necessary to permit a full credit analysis of the security does not exist or an NAIC CRP credit rating for an FE or PL security is not available.
 - b. Issuer or obligor is current on all contracted interest and principal payments.
 - c. The insurer has an actual expectation of ultimate payment of all contracted interest and principal.
- Has the reporting entity self-designated 5GI securities? Yes [] No [X]

20. By self-designating PLGI securities, the reporting entity is certifying the following elements of each self-designated PLGI security:
- a. The security was purchased prior to January 1, 2018.
 - b. The reporting entity is holding capital commensurate with the NAIC Designation reported for the security.
 - c. The NAIC Designation was derived from the credit rating assigned by an NAIC CRP in its legal capacity as a NRSRO which is shown on a current private letter rating held by the insurer and available for examination by state insurance regulators.
 - d. The reporting entity is not permitted to share this credit rating of the PL security with the SVO.
- Has the reporting entity self-designated PLGI securities? Yes [] No [X]

21. By assigning FE to a Schedule BA non-registered private fund, the reporting entity is certifying the following elements of each self-designated FE fund:
- a. The shares were purchased prior to January 1, 2019.
 - b. The reporting entity is holding capital commensurate with the NAIC Designation reported for the security.
 - c. The security had a public credit rating(s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO prior to January 1, 2019.
 - d. The fund only or predominantly holds bonds in its portfolio.
 - e. The current reported NAIC Designation was derived from the public credit rating(s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO.
 - f. The public credit rating(s) with annual surveillance assigned by an NAIC CRP has not lapsed.
- Has the reporting entity assigned FE to Schedule BA non-registered private funds that complied with the above criteria? Yes [] No [X]

GENERAL INTERROGATORIES

PART 2 - LIFE AND ACCIDENT AND HEALTH COMPANIES/FRATERNAL BENEFIT SOCIETIES

Life and Accident Health Companies/Fraternal Benefit Societies:

1.

Report the statement value of mortgage loans at the end of this reporting period for the following categories:

1

Amount

1.1

Long-Term Mortgages In Good Standing

1.11

Farm Mortgages

\$

1.12

Residential Mortgages

\$

1.13

Commercial Mortgages

\$

1.14

Total Mortgages in Good Standing

\$

1.2

Long-Term Mortgages In Good Standing with Restructured Terms

1.21

Total Mortgages in Good Standing with Restructured Terms

\$

1.3

Long-Term Mortgage Loans Upon which Interest is Overdue more than Three Months

1.31

Farm Mortgages

\$

1.32

Residential Mortgages

\$

1.33

Commercial Mortgages

\$

1.34

Total Mortgages with Interest Overdue more than Three Months

\$

1.4

Long-Term Mortgage Loans in Process of Foreclosure

1.41

Farm Mortgages

\$

1.42

Residential Mortgages

\$

1.43

Commercial Mortgages

\$

1.44

Total Mortgages in Process of Foreclosure

\$

1.5

Total Mortgage Loans (Lines 1.14 + 1.21 + 1.34 + 1.44) (Page 2, Column 3, Lines 3.1 + 3.2)

\$

1.6

Long-Term Mortgages Foreclosed, Properties Transferred to Real Estate in Current Quarter

1.61

Farm Mortgages

\$

1.62

Residential Mortgages

\$

1.63

Commercial Mortgages

\$

1.64

Total Mortgages Foreclosed and Transferred to Real Estate

\$

2.

Operating Percentages:

2.1

A&H loss percent

%

2.2

A&H cost containment percent

%

2.3

A&H expense percent excluding cost containment expenses

%

3.1

Do you act as a custodian for health savings accounts?

Yes [] No [X]

3.2

If yes, please provide the amount of custodial funds held as of the reporting date

\$

3.3

Do you act as an administrator for health savings accounts?

Yes [] No [X]

3.4

If yes, please provide the balance of the funds administered as of the reporting date

\$

4.

Is the reporting entity licensed or chartered, registered, qualified, eligible or writing business in at least two states?

Yes [X] No []

4.1

If no, does the reporting entity assume reinsurance business that covers risks residing in at least one state other than the state of domicile of the reporting entity?

Yes [] No []

Fraternal Benefit Societies Only:

5.1

In all cases where the reporting entity has assumed accident and health risks from another company, provisions should be made in this statement on account of such reinsurances for reserve equal to that which the original company would have been required to establish had it retained the risks. Has this been done?

Yes [] No [] N/A []

5.2

If no, explain:

6.1

Does the reporting entity have outstanding assessments in the form of liens against policy benefits that have increased surplus?

Yes [] No []

6.2

If yes, what is the date(s) of the original lien and the total outstanding balance of liens that remain in surplus?

Date	Outstanding Lien Amount

SCHEDULE S - CEDED REINSURANCE

Showing All New Reinsurance Treaties - Current Year to Date

1	2	3	4	5	6	7	8	9	10
NAIC Company Code	ID Number	Effective Date	Name of Reinsurer	Domiciliary Jurisdiction	Type of Reinsurance Ceded	Type of Business Ceded	Type of Reinsurer	Certified Reinsurer Rating (1 through 6)	Effective Date of Certified Reinsurer Rating
NONE									

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE T - PREMIUMS AND ANNUITY CONSIDERATIONS

Current Year To Date - Allocated by States and Territories

States, Etc.			1	Direct Business Only					
				Life Contracts		4 Accident and Health Insurance Premiums, Including Policy, Membership and Other Fees	5 Other Considerations	6 Total Columns 2 Through 5	7 Deposit-Type Contracts
				2 Life Insurance Premiums	3 Annuity Considerations				
Active Status (a)									
1.	Alabama	AL	L	3,395,196	1,509,834	99,103		5,004,133	123,536
2.	Alaska	AK	L	1,095,800	76,800			1,172,600	
3.	Arizona	AZ	L	3,217,472	1,657,463	84,640		4,959,575	
4.	Arkansas	AR	L	683,427	1,348,362	14,770		2,046,560	
5.	California	CA	L	17,763,269	12,191,348	158,530		30,113,147	783,681,356
6.	Colorado	CO	L	3,006,688	2,460,263			5,466,951	52,676
7.	Connecticut	CT	L	4,553,277	3,255,038	114,918		7,923,233	183,779,051
8.	Delaware	DE	L	3,053,962	536,480	37,464		3,627,906	
9.	District of Columbia	DC	L	2,572,014	1,067,445	78,499		3,717,958	335,536
10.	Florida	FL	L	7,913,211	14,383,224	756,462		23,052,897	1,919,991
11.	Georgia	GA	L	4,524,743	2,683,343	145,131		7,353,217	630,119,894
12.	Hawaii	HI	L	556,261	32,377	5,991		594,629	
13.	Idaho	ID	L	255,306	3,600	27,505		286,412	
14.	Illinois	IL	L	6,964,110	7,517,323	111,646		14,593,080	3,285,584
15.	Indiana	IN	L	2,667,517	2,922,258	85,051		5,674,825	1,049,437
16.	Iowa	IA	L	2,914,342	2,136,062	54,958		5,105,363	214,043
17.	Kansas	KS	L	783,463	844,777	21,982		1,650,221	614,980
18.	Kentucky	KY	L	1,081,490	486,947	6,070		1,574,507	
19.	Louisiana	LA	L	754,718	1,920,506			2,675,224	
20.	Maine	ME	L	962,847	1,036,569	20,542		2,019,959	
21.	Maryland	MD	L	5,001,247	4,649,033	224,418		9,874,697	1,108,198
22.	Massachusetts	MA	L	8,811,615	4,056,628	340,570		13,208,813	1,674,841
23.	Michigan	MI	L	5,878,179	2,639,792	215,135		8,733,106	1,380,223,630
24.	Minnesota	MN	L	2,995,144	1,353,891	45,405		4,394,440	71,769,915
25.	Mississippi	MS	L	243,315				243,315	8,980,123
26.	Missouri	MO	L	3,888,541	1,340,502	84,826		5,313,869	264,370
27.	Montana	MT	L	206,076	1,668,165			1,874,241	
28.	Nebraska	NE	L	1,457,205	59,673	22,449		1,539,328	63,034
29.	Nevada	NV	L	736,181	2,123,800	31,013		2,890,994	
30.	New Hampshire	NH	L	923,614	649,412			1,573,027	1,405,429
31.	New Jersey	NJ	L	8,663,663	4,952,493	171,876		13,788,032	5,290,491
32.	New Mexico	NM	L	547,710	153,795			701,506	
33.	New York	NY	L	27,788,510	16,784,166	858,652		45,431,328	5,357,287
34.	North Carolina	NC	L	5,881,638	3,575,273	91,332		9,548,242	965,993
35.	North Dakota	ND	L	174,088	1,560,150			1,734,238	
36.	Ohio	OH	L	3,710,615	3,293,414	141,399		7,145,428	230,071
37.	Oklahoma	OK	L	972,150	528,119	46,245		1,546,514	173,107,585
38.	Oregon	OR	L	2,449,076	758,912	78,354		3,286,343	80,650
39.	Pennsylvania	PA	L	11,698,243	7,548,157	402,675		19,649,076	3,308,483
40.	Rhode Island	RI	L	1,090,148	673,164	33,519		1,796,830	
41.	South Carolina	SC	L	1,344,031	6,021,263	54,662		7,419,956	43,132
42.	South Dakota	SD	L	1,449,806	5,400			1,455,206	
43.	Tennessee	TN	L	2,466,925	3,026,077	45,915		5,538,917	
44.	Texas	TX	L	7,508,169	9,811,541	78,655		17,398,365	1,773,533
45.	Utah	UT	L	1,393,095	478,460	4,269		1,875,824	350,486
46.	Vermont	VT	L	1,007,359	187,102	33,103		1,227,564	13,710,107
47.	Virginia	VA	L	5,701,338	3,171,440	135,624		9,008,402	496,775
48.	Washington	WA	L	4,836,355	3,181,318	91,608		8,109,281	1,011,570
49.	West Virginia	WV	L	567,597	364,160	51,569		983,327	
50.	Wisconsin	WI	L	1,773,882	1,623,592	94,989		3,492,462	486,507,446
51.	Wyoming	WY	L	661,927	891,549	5,524		1,559,000	
52.	American Samoa	AS	N						
53.	Guam	GU	N						
54.	Puerto Rico	PR	N	15,768				15,768	
55.	U.S. Virgin Islands	VI	N	249				249	
56.	Northern Mariana Islands	MP	N						
57.	Canada	CAN	N						
58.	Aggregate Other Aliens	OT	XXX	11,687				11,687	318,518
59.	Subtotal	XXX		190,574,261	145,200,459	5,207,050		340,981,770	3,763,217,751
90.	Reporting entity contributions for employee benefits plans	XXX							
91.	Dividends or refunds applied to purchase paid-up additions and annuities	XXX							
92.	Dividends or refunds applied to shorten endowment or premium paying period	XXX							
93.	Premium or annuity considerations waived under disability or other contract provisions	XXX		283,765				283,765	
94.	Aggregate or other amounts not allocable by State	XXX							
95.	Totals (Direct Business)	XXX		190,858,026	145,200,459	5,207,050		341,265,535	3,763,217,751
96.	Plus Reinsurance Assumed	XXX							
97.	Totals (All Business)	XXX		190,858,026	145,200,459	5,207,050		341,265,535	3,763,217,751
98.	Less Reinsurance Ceded	XXX		61,136,705		5,207,050		66,343,755	
99.	Totals (All Business) less Reinsurance Ceded	XXX		129,721,321	145,200,459			274,921,780	3,763,217,751
DETAILS OF WRITE-INS									
58001.	ZZZ Other Alien	XXX		11,687				11,687	318,518
58002.	.....	XXX							
58003.	.....	XXX							
58998.	Summary of remaining write-ins for Line 58 from overflow page	XXX							
58999.	Totals (Lines 58001 through 58003 plus 58998)(Line 58 above)	XXX		11,687				11,687	318,518
9401.	.....	XXX							
9402.	.....	XXX							
9403.	.....	XXX							
9498.	Summary of remaining write-ins for Line 94 from overflow page	XXX							
9499.	Totals (Lines 9401 through 9403 plus 9498)(Line 94 above)	XXX							

(a) Active Status Counts:

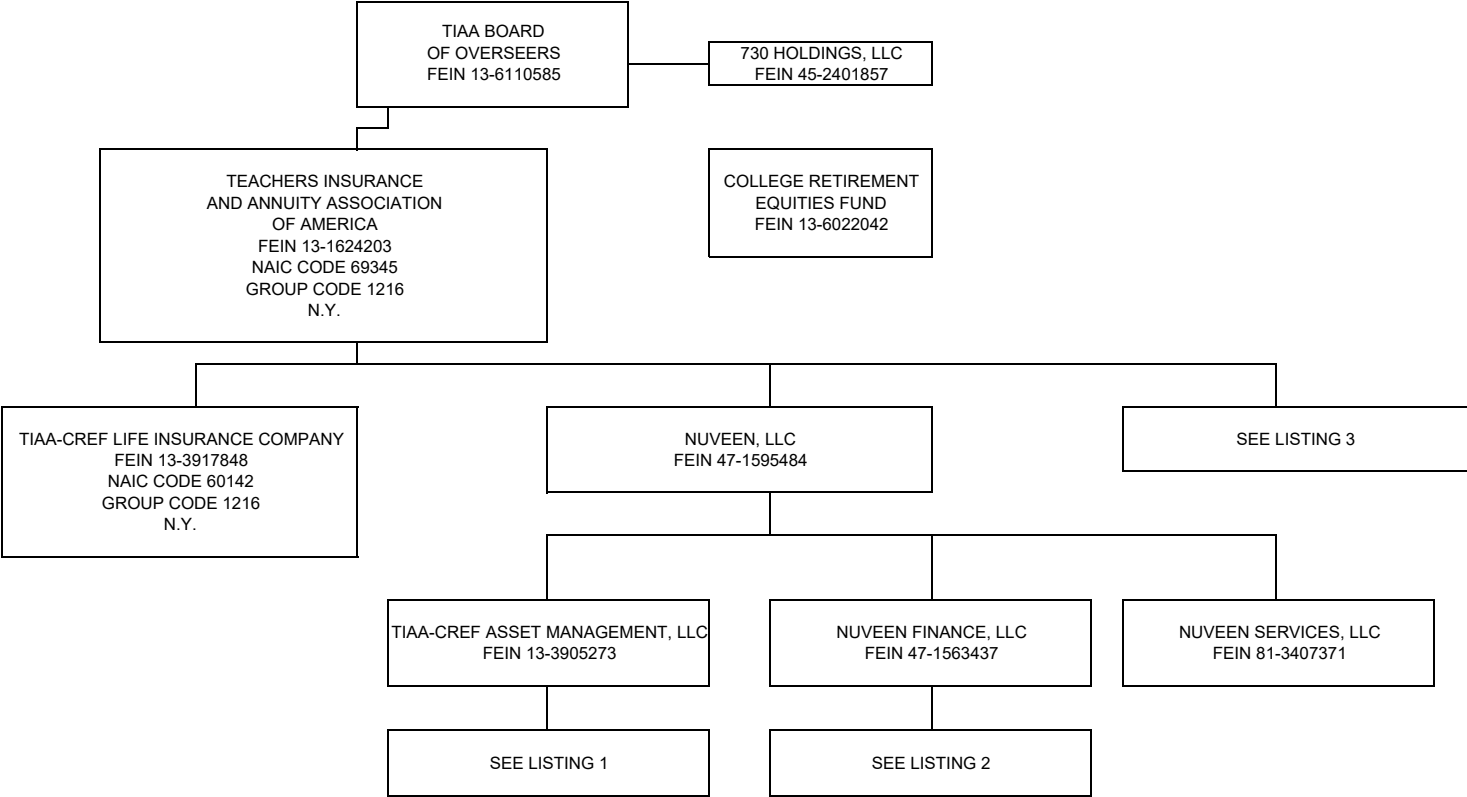
L - Licensed or Chartered - Licensed Insurance carrier or domiciled RRG.....51 R - Registered - Non-domiciled RRGs.....

E - Eligible - Reporting entities eligible or approved to write surplus lines in the state..... Q - Qualified - Qualified or accredited reinsurer.....

N - None of the above - Not allowed to write business in the state.....6

Ordinary Life Insurance, Individual Accident and Health, and Individual Annuity Premiums allocated by current residence. Group Life Insurance allocated according to location of group contract holder.

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY
SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP
PART 1 - ORGANIZATIONAL CHART



LISTING 1 (TIAA-CREF ASSET MANAGEMENT, LLC):

COMPANY	FEIN	RELATIONSHIP
L&C Special Member Holdco, LLC	81-1272900	SUBSIDIARY
GTR Special Member Holdco LLC	46-3889185	SUBSIDIARY
TIAA International GP LLC	81-4374969	SUBSIDIARY
TIAA-CREF Investment Management, LLC	13-3586142	SUBSIDIARY
Nuveen Alternative Holdings, LLC	46-3870872	SUBSIDIARY
AGR Partners LLC	81-1467545	SUBSIDIARY
AGR Services LLC	36-4853278	SUBSIDIARY (1)
TCAM Agribusiness Fund GP LLC	81-1870559	SUBSIDIARY
Nuveen Agribusiness Fund II GP, LLC	83-4328253	SUBSIDIARY
AGR Services LLC	36-4853278	SUBSIDIARY (1)
Beaver Investments Holdings, LLC	45-5558395	SUBSIDIARY
GreenWood Resources, Inc.	80-0028976	SUBSIDIARY
Greenwood Resources Brasil, Ltda.	45-1875072	SUBSIDIARY (2)
GreenWood Resources Capital Management, LLC	45-1875072	SUBSIDIARY
GTFF GP, LLC	20-8501127	SUBSIDIARY
GWR-GTFF Investment, LLC	20-8955976	SUBSIDIARY
GWR International Ltd.	20-3188681	SUBSIDIARY
GWR SA, Ltd.		SUBSIDIARY
GreenWood Resources Chile, S.A.	98-1016332	SUBSIDIARY
GreenWood Resources Poland sp Z.o.o.	98-1016335	SUBSIDIARY
Greenwood Resources Forest Management, LLC	98-1016335	SUBSIDIARY
GreenWood Resources Brasil, Ltda.		SUBSIDIARY (2)
GWR Uruguay S.A.		SUBSIDIARY
CAM HR Resources LLC	36-4851864	SUBSIDIARY (3)
Churchill Asset Management LLC	47-3156644	SUBSIDIARY
CAM HR Resources LLC	36-4851864	SUBSIDIARY (3)
Churchill Agency Services LLC	82-3187734	SUBSIDIARY
Churchill Feeder Fund GP II S.a.r.l.		SUBSIDIARY
Churchill Fund GP II LLC	83-1177850	SUBSIDIARY
Churchill Fund GP II Sarl	98-1449979	SUBSIDIARY
Churchill Special Member LLC	82-0735838	SUBSIDIARY
Churchill Warehouse LLC	82-3784145	SUBSIDIARY
Nuveen Churchill Administration LLC		SUBSIDIARY
Global AG AIV (CN) GP, LLC	45-5044435	SUBSIDIARY
Global Agriculture AIV (CN), LP	45-5044681	SUBSIDIARY
Global Ag II AIV GP, LLC	47-1192644	SUBSIDIARY
Global Agriculture II AIV, LP	47-1197292	SUBSIDIARY
GTR Investor Fund GP LLC	47-1208361	SUBSIDIARY
NAP Investors GP, LLC	83-2245173	SUBSIDIARY
NCBDC Holdings LLC		SUBSIDIARY
Nuveen Churchill Advisors LLC		SUBSIDIARY
Nuveen Alternatives Advisors, LLC	45-4288013	SUBSIDIARY
Nuveen Churchill Direct Lending Corp.		SUBSIDIARY
TPS Investors GP, LLC		SUBSIDIARY

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY
SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP

PART 1 - ORGANIZATIONAL CHART

COMPANY	FEIN	RELATIONSHIP
Nuveen Alternative Holdings, LLC (continued)		
Nuveen Alternatives Services, LLC	45-4288091	SUBSIDIARY
GAP II NZ GP Limited		SUBSIDIARY
TIAA European Farmland Fund GP LP	98-1310748	SUBSIDIARY (4)
TCAS Global Investments LLC	47-1515836	SUBSIDIARY
Nuveen Global Farmland Fund GP, LLC	84-1819349	SUBSIDIARY
Nuveen Global Farmland Fund Lux GP S.à r.l.		SUBSIDIARY
TCAM Agribusiness Fund GP, LLC	84-5180164	SUBSIDIARY
Nuveen Global Impact Fund Lux GP S.à r.l.		SUBSIDIARY
Nuveen International Holdings LLC	26-2719001	SUBSIDIARY
Nuveen Canada Company		SUBSIDIARY
Nuveen Japan Co., Limited		SUBSIDIARY
Nuveen UK, Limited		SUBSIDIARY
TCAM APAC LLC	81-4290269	SUBSIDIARY (5)
TCAM HK HC LLC	81-4323796	SUBSIDIARY (6)
TCAM Asia LLC	81-4306975	SUBSIDIARY (7)
TCAM HK HC LLC	81-4323796	SUBSIDIARY (6)
TCAM HK HC LLC	81-4323796	SUBSIDIARY (8)
TCAM HK HC LLC	81-4323796	SUBSIDIARY (6)
TIAA International Asia LLC	81-4359164	SUBSIDIARY (9)
TIAA International Subsidiary HC LLC	81-4390558	SUBSIDIARY
TCAM APAC LLC	81-4290269	SUBSIDIARY (5)
TCAM Asia LLC	81-4306975	SUBSIDIARY (7)
TIAA International APAC LLC	81-4499397	SUBSIDIARY (8)
TIAA International Asia LLC	81-4359164	SUBSIDIARY (9)
TCAM APAC LLC	81-4290269	SUBSIDIARY (5)
TCAM Asia LLC	81-4306975	SUBSIDIARY (7)
TIAA International APAC LLC	81-4499397	SUBSIDIARY (8)
TIAA International Asia LLC	81-4359164	SUBSIDIARY (9)
Nuveen Junior Capital Opportunities Fund GP S.à r.l.		SUBSIDIARY
Nuveen Real Estate Property Holdings LLC	06-1217855	SUBSIDIARY
Casa Partners VI GP, LLC	30-0794692	SUBSIDIARY
Casa Partners VII GP, LLC	47-5190671	SUBSIDIARY
Global Investors GP, L.L.C.	36-4477806	SUBSIDIARY
Global Investors GP II, L.L.C.	20-2537749	SUBSIDIARY
Global Investors GP IV, L.L.C.	20-3070768	SUBSIDIARY
TCGA BT AIV, LLC	46-5367344	SUBSIDIARY
TCGA Investor Fund GP, LLC	45-5139523	SUBSIDIARY
TCGA II Investor Fund GP, LLC	47-3511076	SUBSIDIARY
TCAM International GP LLC	81-4330570	SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
Nuveen Alternative Holdings, LLC (continued)		
Nuveen Real Estate Global LLC	81-4262460	SUBSIDIARY
Nuveen Global Investments LLC	26-2748698	SUBSIDIARY
Nuveen GP Holding Company LLC	82-2986445	SUBSIDIARY
Nuveen CRED GP Member LLC	82-4598778	SUBSIDIARY
CRED GP LLC	82-3751720	SUBSIDIARY
U.S. Cities Office Fund GP LLC		SUBSIDIARY
U.S. Cities Office Fund REIT LLC	61-1914684	SUBSIDIARY
U.S. Cities Office Fund Operating GP LLC		SUBSIDIARY
USCOF Maryland Farms Holdings LLC		SUBSIDIARY
U.S. Cities Office Fund Maryland Farms Co-Invest		SUBSIDIARY (10)
U.S. Cities Retail Fund GP LLC	82-4054235	SUBSIDIARY
U.S. Cities Multifamily Fund GP LLC	35-2633108	SUBSIDIARY
U.S. Strategic Industrial Fund II LP	85-2116787	SUBSIDIARY
U.S. Strategic Industrial Fund Holding Company II LLC		SUBSIDIARY
Imajn Homes Holdings, LLC		SUBSIDIARY
Imajn Services LLC		SUBSIDIARY
Sparrow Realty investment I Managing Member LLC		SUBSIDIARY
Nuveen Permian Investor Asset Manager Member LLC	81-5466713	SUBSIDIARY
Nuveen Real Estate Global Cities Advisors LLC	82-3426937	SUBSIDIARY
Nuveen Real Estate Project Management Services LLC	84-2502695	SUBSIDIARY
TIAA International Holdings 1 Limited	46-1162850	SUBSIDIARY
Nuveen Real Estate Limited	98-1125673	SUBSIDIARY (11)
TIAA International Holdings 2 Limited	46-1163394	SUBSIDIARY
TIAA International Holdings 3 Limited		SUBSIDIARY
Nuveen Real Estate Limited	98-1125673	SUBSIDIARY (11)
Nuveen Administration Ltd	98-1127648	SUBSIDIARY
Nuveen Europe Holdings Limited	98-1128805	SUBSIDIARY
Henderson European Retail Property Fund Management Sarl		SUBSIDIARY
Nuveen Asset Management Europe S.à r.l.		SUBSIDIARY
Nuveen Fund (Europe) Management S.à r.l.		SUBSIDIARY
Nuveen Fund Management (Jersey) Limited		SUBSIDIARY
Asia Pacific Cities Management S.à r.l.		SUBSIDIARY
Nuveen Management AIFM Limited		SUBSIDIARY
Nuveen Management Company (Luxembourg) No 1 S.à r.l.		SUBSIDIARY
Nuveen Property Management (Jersey) Limited		SUBSIDIARY
Nuveen Real Estate Services GmbH (Austria)		SUBSIDIARY
Nuveen FCACO Ltd	98-1128787	SUBSIDIARY
Nuveen Real Estate Management Ltd		SUBSIDIARY
Nuveen Shopping Centre Verwaltungs GmbH		SUBSIDIARY
TIAA-CREF Asset Management UK Ltd	98-0582851	SUBSIDIARY

- (1) AGR Services LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by AGR Partners LLC and 1% owned by Nuveen Alternative Holdings, LLC.
- (2) Greenwood Resources Brasil, Ltda. is ultimately controlled and owned entirely by TIAA, with 99% owned by Greenwood Resources Forest Management, LLC and 1% owned by GreenWood Resources, Inc.
- (3) CAM HR Resources LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by Churchill Asset Management LLC and 1% owned by Nuveen Alternative Holdings, LLC.
- (4) TIAA European Farmland Fund GP LP is ultimately controlled and owned entirely by TIAA, with 50% owned by Nuveen Alternative Services, LLC and 50% owned by TEFF Holdco LLC
- (5) TCAM APAC LLC is ultimately controlled and owned entirely by TIAA, with TCAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
- (6) TCAM HK HC LLC is ultimately controlled and owned entirely by TIAA, with TCAM APAC LLC, TCAM Asia LLC, TIAA International APAC LLC and TIAA International Asia LLC each owning 25%
- (7) TCAM Asia LLC is ultimately controlled and owned entirely by TIAA, with TCAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
- (8) TIAA International APAC LLC is ultimately controlled and owned entirely by TIAA, with TCAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
- (9) TIAA International Asia LLC is ultimately controlled and owned entirely by TIAA, with TCAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
- (10) U.S. Cities Office Fund Maryland Farms Co-Invest is ultimately controlled and owned entirely by TIAA, with 51% owned by USCOF Maryland Farms Holdings LLC and 49% owned by TGA Maryland Farms Holdings LLC.
- (11) Nuveen Real Estate Limited is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA International Holdings 3, Ltd. and 1% owned by TIAA International Holdings 1, Ltd.

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY
SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP

PART 1 - ORGANIZATIONAL CHART

LISTING 1 (TIAA-CREF ASSET MANAGEMENT, LLC) (continued):

COMPANY	FEIN	RELATIONSHIP
Nuveen Alternative Holdings, LLC (continued)		
Nuveen Group Holdings Ltd	98-1127632	SUBSIDIARY
Anglo-Sino Henderson Investment Consultancy (Beijing) Co Limited		SUBSIDIARY
CLOF II (GP) Limited		SUBSIDIARY
CLOF II Vanquish Limited		SUBSIDIARY
CLOF II (No 1 GP) Limited		SUBSIDIARY
CLOF II (No1 Nominee) Limited		SUBSIDIARY
CLOF II (No 2 GP) Limited		SUBSIDIARY
CLOF II (No 3 GP) Limited	98-1165678	SUBSIDIARY
Enhanced Debt Carry (GP) S.à.r.l		SUBSIDIARY
ERES APAC II (GP) S.à.r.l		SUBSIDIARY
ERES Europe II (GP) S.à.r.l		SUBSIDIARY
European Cities Partnership (GP) S.à.r.l		SUBSIDIARY
European Cities Partnership SCSp		AFFILIATE
Islazul General Partner S.à.r.l		SUBSIDIARY
Matador LP General Partner Limited		SUBSIDIARY
Nuveen Corporate Secretarial Services Limited		SUBSIDIARY
Nuveen (France) SAS		SUBSIDIARY
Nuveen Immobilien GmbH		SUBSIDIARY
Nuveen Italy Srl		SUBSIDIARY
Nuveen Management Austria GmbH		SUBSIDIARY
Nuveen Management Finland Oy		SUBSIDIARY
Nuveen Operations Limited		SUBSIDIARY
Nuveen Real Estate (Australia) Ltd.		SUBSIDIARY
Nuveen Real Estate Debt Partners (GP) Sàrl		SUBSIDIARY
Nuveen Real Estate Debt Partners II (GP) S.à.r.l		SUBSIDIARY
Global Real Estate Debt Partners – Fund II (UK) SCSp		AFFILIATE
Nuveen Real Estate Nominees Limited		SUBSIDIARY
Nuveen Singapore Private Limited		SUBSIDIARY
OMP (GP) Limited		SUBSIDIARY
T-C Lux Investments GP S.à.r.l		SUBSIDIARY
TH Real Estate Limited		SUBSIDIARY
TIAA-CREF Luxembourg S.à.r.l	98-1014834	SUBSIDIARY
Tokyo Multifamily GP PTE Ltd		SUBSIDIARY
UK OM (LP1) (GP) Limited		SUBSIDIARY
UK OM (LP1) Limited		SUBSIDIARY
UK OM (LP2) (GP) Limited		SUBSIDIARY
UK OM (LP2) Limited		SUBSIDIARY
UK OM (LP3) (GP) Limited		SUBSIDIARY
UK OM (LP3) Limited		SUBSIDIARY

Nuveen Alternative Holdings, LLC (continued)		
TIAA Global Ag Special Member LLC	45-1532009	SUBSIDIARY
TIAA Global Ag II Special Member LLC	81-1749609	SUBSIDIARY
T-C U.S. Super Regional Mall Fund GP LLC	47-3126089	SUBSIDIARY
U.S. Cities Fund GP, LLC	20-1394681	SUBSIDIARY
U.S. Cities Industrial CPF Fund GP LLC	81-3647870	SUBSIDIARY
U.S. Cities Industrial Fund GP LLC		SUBSIDIARY
U.S. Cities Multifamily CPF Fund GP LLC	81-3698954	SUBSIDIARY
U.S. Cities Office CPF Fund GP LLC	81-3734470	SUBSIDIARY
U.S. Cities Retail CPF Fund GP LLC	81-3493929	SUBSIDIARY
Westchester Group Investment Management Holding Company, Inc.	27-3416812	SUBSIDIARY
Westchester Group Investment Management, Inc.	27-3417683	SUBSIDIARY
Plata Wine Partners, LLC	87-0735518	SUBSIDIARY
Terra Land Co.	37-1261935	SUBSIDIARY
The Plata Wine Partners Trust	37-6589484	SUBSIDIARY
Westchester Group Farm Management, Inc.	37-1193973	SUBSIDIARY
Westchester Group Chile Investment Management, SpA		SUBSIDIARY
Westchester Group of Europe Ltd.		SUBSIDIARY
Westchester Group of Poland Sp. Z o.o.		SUBSIDIARY
Westchester Group SRL		SUBSIDIARY
Westchester Group Real Estate, Inc.		SUBSIDIARY
Westchester Group South America Gestao de Investimentos Ltda.		SUBSIDIARY
Westchester Group South America Gestao de Investimentos Ltda.		SUBSIDIARY
Westchester NGFF Investment LLC	84-3766552	SUBSIDIARY

LISTING 2 (NUVEEN FINANCE, LLC):

COMPANY	FEIN	RELATIONSHIP
Nuveen Holdings 1, Inc.	81-3425820	SUBSIDIARY
Nuveen Holdings, Inc.	26-0373324	SUBSIDIARY
Nuveen Investments, Inc.	36-3817268	SUBSIDIARY
Gresham Asset Management LLC	26-0627593	SUBSIDIARY
Gresham Investment Management LLC	20-1930384	SUBSIDIARY
Gresham Investment Management Asia Pte. Ltd.		SUBSIDIARY
Nuveen Alternative Investments, LLC	36-4839486	SUBSIDIARY
Nuveen Capital Markets LLC	83-3751978	SUBSIDIARY
Symphony Alternative Asset Management LLC	83-4025630	SUBSIDIARY
Nuveen Fund Advisors, LLC	31-0942504	SUBSIDIARY
NIS/R&T, Inc.	36-3293941	SUBSIDIARY
Nuveen Asset Management, LLC	27-4357327	SUBSIDIARY
Nuveen WCM Holdings, LLC	37-1695518	SUBSIDIARY
Winslow Capital Management, LLC	90-0860898	SUBSIDIARY
Growth Capital GP I, LLC	81-0730906	SUBSIDIARY
Nuveen NWQ Holdings, LLC	36-4709028	SUBSIDIARY
NWQ Investment Management Company, LLC	47-0875103	SUBSIDIARY
Nuveen Securities, LLC	36-2639476	SUBSIDIARY
Santa Barbara Asset Management, LLC	20-3432117	SUBSIDIARY
Symphony Asset Management LLC	94-3252504	SUBSIDIARY
Nuveen Investments Holdings, Inc.	36-7364377	SUBSIDIARY
Symphony Risk Retention Finance LLC		SUBSIDIARY
SRR 1 LLC	30-1032009	SUBSIDIARY
Coinvest Member LLC	82-1157427	SUBSIDIARY
Nuveen TALF Opportunities GP, LLC		SUBSIDIARY

(12) European Cities Partnership SCSp is owned 29.8% by T-C Lux Investments Special Limited Partnership and 1% by European Cities Partnership (GP) S.à.r.l.

(13) Global Real Estate Debt Partners – Fund II (UK) SCSp is ultimately controlled by TIAA, with 18.75% owned by TIAA and 0.5% owned by Nuveen Real Estate Debt Partners II (GP) S.à.r.l.

(14) Westchester Group SRL is controlled and owned entirely by TIAA, with 99% owned by Westchester Group of Europe Ltd. and 1% owned by Westchester Group of Poland Sp. Z o.o.

(15) Westchester Group South America Gestao de Investimentos Ltda. is controlled and owned entirely by TIAA, with 99% owned by Westchester Group Investment Management, Inc. and 1% owned by Westchester Group Real Estate, Inc.

(16) Symphony Asset Management, LLC is ultimately controlled and owned entirely by TIAA, with 51% owned by Nuveen Investments, Inc. and 49% owned by Nuveen Investments Holdings, Inc.

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY
SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP

PART 1 - ORGANIZATIONAL CHART

LISTING 3:

COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP
485 Properties, LLC	13-3987258	SUBSIDIARY	CPF/UIR JV Member LLC	81-2914954	SUBSIDIARY	Mansilla Participacoes LTDA		SUBSIDIARY
TCPC Associates, LLC	16-1735872	SUBSIDIARY	CPF/UIR Joint Venture LLC	81-2928112	SUBSIDIARY	Radar Propiedades Agricolas S.A.		SUBSIDIARY
730 Data Centers, LLC	81-3091169	SUBSIDIARY	CPF 636 Sixth Avenue LLC	81-2955427	SUBSIDIARY	Nova Amaralina S.A. Propriedades Agricolas		SUBSIDIARY
730 Aviator, LLC	82-0793232	SUBSIDIARY	T-C 636 Sixth Avenue Retail LLC	47-2264739	SUBSIDIARY	Nova Agricola Ponte Alta S.A.		SUBSIDIARY
730 Databridge, LLC	81-3106043	SUBSIDIARY	CPF 856 Market Street LLC	81-2982818	SUBSIDIARY	Nova Santa Barbara Agricola S.A.		SUBSIDIARY
730 Power Development, LLC	47-2616735	SUBSIDIARY	CPF 1511 Third Avenue LLC	81-2973332	SUBSIDIARY	Terras da Ponte Alta S.A.		SUBSIDIARY
730 Carroll, LLC	47-2622825	SUBSIDIARY	T-C 1608 Chestnut General Partner LLC		SUBSIDIARY	Radar II Propriedades Agricolas S.A.		AFFILIATE
730 Cricket, LLC		SUBSIDIARY	1608 Chestnut Partners LP		SUBSIDIARY	Radar Propriedades Agricolas S.A.		AFFILIATE
730 Telecom LLC	47-5363027	SUBSIDIARY	T-C 1608 Chestnut Limited Partner LLC		SUBSIDIARY	Vale De Ponte Alta S.A.		AFFILIATE
730 Transmission, LLC		SUBSIDIARY	1608 Chestnut Partners LP		SUBSIDIARY	Aguaes de Ponte Alta S.A.		AFFILIATE
730 Holdingspur, LLC		SUBSIDIARY	Demeter Agricultural Properties, LLC	68-0436809	SUBSIDIARY	MM Funding, LLC	13-1624203	SUBSIDIARY
730 Texas Forest Holdings, Inc.	13-4042885	SUBSIDIARY	Dionysus Properties, LLC	45-2632248	SUBSIDIARY	MyVest Corporate Real Estate Fund LP		SUBSIDIARY
730 Texas Timberlands II, Ltd.	51-0494351	SUBSIDIARY	Silverado Premium Properties, LLC	94-3306131	SUBSIDIARY	New York City Property Fund II LP	82-4183425	SUBSIDIARY
730 Texas Timberlands I, Ltd.	13-4042888	SUBSIDIARY	Chaik Ridge Vineyard, LLC	75-3025596	SUBSIDIARY	New York City Property Fund REIT LLC	83-4678924	SUBSIDIARY
730 Texas Timberlands II, Ltd.	51-0494351	SUBSIDIARY	Hobson Avenue Vineyard, LLC	20-3964695	SUBSIDIARY	New York City Property Fund Operating LP	83-4671194	SUBSIDIARY
TIAA Timberlands I, LLC	13-4040842	SUBSIDIARY	Hobson Avenue Vineyard, LLC	20-3964695	SUBSIDIARY	125 West End Investors LLC	84-3388831	SUBSIDIARY
TIAA Timberlands II, LLC	13-4040842	SUBSIDIARY	Silverado Los Alamos Vineyards, LLC	20-2103733	SUBSIDIARY	125 West End Associates LLC	83-4653622	SUBSIDIARY
TIAA Timberlands I, LLC	13-4040842	SUBSIDIARY	Silverado SLO Vineyards, LLC	20-2490906	SUBSIDIARY	NGFF Holdco, LLC	84-2320652	SUBSIDIARY
Actoil, LLC	38-3847245	SUBSIDIARY	SPP Napa Vineyards, LLC	68-0466083	SUBSIDIARY	Global Farmland Properties LLC	84-1834824	SUBSIDIARY
Great Western Petroleum LLC		AFFILIATE	Stanly Ranch Vineyards, LLC	94-3361818	SUBSIDIARY	US Horticulture Farmland, LLC	84-1857338	SUBSIDIARY
ASC Holdings, LLC		AFFILIATE	Terra Ventosa Vineyards, LLC	26-2766605	SUBSIDIARY	US Roy Farmland, LLC	84-1842398	SUBSIDIARY
Quercus Forestland Account, LLC	26-4647417	SUBSIDIARY	Silverado Winegrowers Holdings, LLC	43-3997217	SUBSIDIARY	US Viticulture Farmland, LLC	84-1880235	SUBSIDIARY
Quercus Panama, LLC		SUBSIDIARY	Silverado Winegrowers Holdings, LLC	43-3997217	SUBSIDIARY	Nuveen CLO Issuance Fund LP		SUBSIDIARY
Quercus Algoma Corporation		SUBSIDIARY	Alta Loma Vineyard, LLC	94-3357571	SUBSIDIARY	Nuveen Global Impact Fund LP	84-5180286	SUBSIDIARY
Quercus West Virginia, LLC	46-2916514	SUBSIDIARY	Oak Knoll Napa Vineyards, LLC	94-3312405	SUBSIDIARY	Nuveen High Yield Municipal Opportunities Fund LP		SUBSIDIARY
Casa Student Housing Fund Holdings, LLC	47-2167228	SUBSIDIARY	Silverado Suscol, LLC	91-1806950	SUBSIDIARY	Nuveen Municipal Opportunities Fund LP		SUBSIDIARY
Shf-33d North Apts, LLC	47-3994280	SUBSIDIARY	SWG Paso Vineyard, LLC	45-4820104	SUBSIDIARY	Nuveen Real Estate U.S. Strategic Industrial Fund I LP		SUBSIDIARY
Shf-Millennium One Apts, LLC	47-4155469	SUBSIDIARY	Distressed Opportunities Fund, L.P.	26-3561447	SUBSIDIARY	Occator Agricultural Properties, LLC	81-2429791	SUBSIDIARY
Shf-The Rocks Apts, LLC	81-2450195	SUBSIDIARY	DWM Inclusive Finance Equity Fund II		AFFILIATE	AGR Agricultural Investments, LLC	26-4750562	SUBSIDIARY
PEP-TH CASA Student Housing, LLC	47-4455610	SUBSIDIARY	DWM Microfinance Equity Fund I	98-0580879	AFFILIATE	Ridley Corporation Limited	46-1768969	AFFILIATE
CSHF-PEP Purdue LLC	47-4455303	SUBSIDIARY	Envisage Information Systems, LLC	04-3718449	SUBSIDIARY	Mandala Food Co-Investment Holdings II SPV		SUBSIDIARY
CSHF-PEP USF LLC	30-0965548	SUBSIDIARY	EPP LFG I, LLC	30-0701953	AFFILIATE	Materra, LLC		AFFILIATE
Ceres Agricultural Properties, LLC	56-2672630	SUBSIDIARY	Global Real Estate Debt Partners – Fund I (UK)		SUBSIDIARY	Teays River Investments, LLC	45-1125143	AFFILIATE
Premiere Agricultural Properties, LLC		SUBSIDIARY	Global Real Estate Debt Partners – Fund I (UK)		SUBSIDIARY	Oleum Holding Company, Inc.	26-4621336	SUBSIDIARY
Loma del Rio Vineyards, LLC	80-0843991	SUBSIDIARY	Gresham CMS Fund, LLC	20-1930384	SUBSIDIARY	2234328 Alberta ULC		SUBSIDIARY
Premiere Columbia Properties, LLC	36-4620107	SUBSIDIARY	GreshamQuant ACAR Fund LLC	32-0509812	SUBSIDIARY	Polar Star Canadian Oil and Gas Holding, Inc.	26-4248579	SUBSIDIARY
Premiere Farm Properties, LLC	30-0449681	SUBSIDIARY	Growth Capital Fund I, L.P.	81-0737062	SUBSIDIARY	Adastra Management, Inc.		SUBSIDIARY
Demeter Agricultural Properties II, LLC	26-3484719	SUBSIDIARY	Growth Capital Fund II, L.P.		SUBSIDIARY	Otto's South Vineyard, LLC	85-1933477	SUBSIDIARY
International Agricultural Investors, LLC	26-0352203	SUBSIDIARY	Inception GP LLC		SUBSIDIARY	Pinnacle Third Avenue, LP	26-3821015	AFFILIATE
IAI Australia Pty., Ltd.		SUBSIDIARY	Inception Partners IV, LP	46-2031403	AFFILIATE	Primary Residential Individual Mortgage Entity Trust	81-6646838	SUBSIDIARY
IAI Australia Trust		SUBSIDIARY	Inception Partners V, LP	46-2062147	AFFILIATE	Renewable Timber Europe, LLC	45-2792614	SUBSIDIARY
IAI USA, LLC	26-0460488	SUBSIDIARY	Infra Alpha, LLC	27-4149157	SUBSIDIARY	Renewable Timber Netherlands B.V.		SUBSIDIARY
International Agricultural Investors Fund II, LLC	26-2745365	SUBSIDIARY	EMG Investments, LLC	27-3900641	AFFILIATE	Topola Lasy Spolka z o.o.		SUBSIDIARY
IAI Australia Fund II, Pty., Ltd.		SUBSIDIARY	Lewis & Clark Timberlands, LLC	47-4169877	SUBSIDIARY	Renewable Timber Resources, LLC	61-1640765	SUBSIDIARY
IAI Australia Fund II Trust		SUBSIDIARY	L&C Log Co, LLC	47-4187541	SUBSIDIARY			
IAI USA Fund II, LLC	26-2747755	SUBSIDIARY	L&C Tree Farms, LLC	47-4196668	SUBSIDIARY			
Churchill Middle Market CLO IV	81-1810508	SUBSIDIARY	Liberty M & R SPV II, LP	27-2007833	SUBSIDIARY			
Churchill Middle Market Senior Loan Fund, LP		SUBSIDIARY						
Churchill Middle Market Senior Loan Fund III, LP		SUBSIDIARY						

(17) 730 Texas Timberlands II, Ltd. is ultimately controlled and owned entirely by TIAA, which directly owns 99.5%. 730 Texas Forest Holdings, Inc., which is owned 100% by TIAA, owns .5%.

(18) 730 Texas Timberlands, Ltd. is ultimately controlled and owned entirely by TIAA, with 99.5% owned by TIAA Timberlands I, LLC and .5% owned by 730 Texas Forest Holdings, Inc.

(19) Loma del Rio Vineyards, LLC is ultimately controlled and owned entirely by TIAA, with 45% owned by Premiere Agricultural Properties, LLC and 55% owned by Global Ag Properties USA, LLC.

(20) 1608 Chestnut Partners LP is ultimately controlled and owned entirely by TIAA, with 99% owned by T-C 1608 Chestnut Limited Partner LLC and 1% owned by T-C 1608 Chestnut General Partner LLC.

(21) Global Real Estate Debt Partners – Fund I (UK) is controlled by TIAA, which owns 36.3%. T-C Lux Investments Special Limited Partnership, which is 100% owned by TIAA, owns 24.3%.

(13) Global Real Estate Debt Partners – Fund II (UK) SCSp is ultimately controlled by TIAA, with 18.75% owned by TIAA and 0.5% owned by Nuveen Real Estate Debt Partners II (GP) S.à.r.l.

(22) Radar Propriedades Agricolas S.A. is owned 65.77% by Mansilla Participacoes LTDA and 15.31% by Radar II Propriedades Agricolas S.A..

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY
SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP

PART 1 - ORGANIZATIONAL CHART

LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP
ND Properties, Inc.		SUBSIDIARY	ND Properties, Inc. (continued)			T-C 400 Montgomery, LLC	81-2525521	SUBSIDIARY
Norteshopping Retail and Leisure Centre BV	11-3034756	SUBSIDIARY	60 Great Portland Street Unit Trust		AFFILIATE	400 Montgomery Investors, LLC		SUBSIDIARY
Norteshopping - Centro Commercial, S.A		SUBSIDIARY	SMA Holding S.à r.l.		AFFILIATE	T-C 685 Third Avenue Member, LLC	27-4123754	SUBSIDIARY
ND Europe S.à r.l.		SUBSIDIARY	70 St Mary Axe Unit Trust		AFFILIATE	T-C 685 Third Avenue, LLC	27-3095569	SUBSIDIARY
ND Europe Office Holding S.à r.l.		SUBSIDIARY	HV Properties S.à r.l.		AFFILIATE	T-C 685 Third Avenue Owner LLC	81-1754745	SUBSIDIARY
Cityhold Nymphe S.à r.l.		AFFILIATE	HV Freehold S.à r.l.		AFFILIATE	T-C 699 Bourke Street LLC	46-4969690	SUBSIDIARY
Cityhold Propco 11 S.à r.l.		AFFILIATE			AFFILIATE	T-C Australia RE Holdings I, LLC	81-2490530	SUBSIDIARY
Cityhold Euro S.à r.l.		AFFILIATE	TIAA Lux 9 S.à r.l.		AFFILIATE	TIAA Australia Real Estate Trust		SUBSIDIARY
Cityhold Office Partnership S.à r.l.		AFFILIATE	SNC Gamet-TIAA		AFFILIATE	TIAA Melbourne Retail Holding 1 Trust		SUBSIDIARY
CHOP OPCI		AFFILIATE	SNC La Defense		AFFILIATE	TIAA Melbourne Retail Holding 1 Trust		SUBSIDIARY
Cityhold Iconic Holding SAS	98-1435873	AFFILIATE	SNC Peridot		AFFILIATE	TGA PBSA Asset Trust 2		SUBSIDIARY
Cityhold Iconic Hotel SNC	98-1433967	AFFILIATE	T-C Neuperlach Development S.à r.l.		SUBSIDIARY	TGA PBSA Asset Trust 1		SUBSIDIARY
Cityhold Iconic Office SCI	98-1433956	AFFILIATE	T-C Pep Property S.à r.l.		SUBSIDIARY	TGA PBSA Asset Trust 3		SUBSIDIARY
Cityhold Iconic Youth Hostel SNC	98-1433975	AFFILIATE	T-C Pep Asset S.à r.l.		SUBSIDIARY	TGA PBSA Hold Trust		SUBSIDIARY
Cityhold Nymphe S.à r.l.		AFFILIATE			SUBSIDIARY	TGA PBSA Asset Trust 4		SUBSIDIARY
Cityhold Propco 6 S.à r.l.		AFFILIATE	Gropius Passagen Verwaltungs GmbH		SUBSIDIARY	TGA PBSA Asset Trust 2		SUBSIDIARY
Cityhold Iconic Hotel OPCO SAS	98-1433939	AFFILIATE	Gropius Passagen GmbH & Co KG		SUBSIDIARY	TGA PBSA Asset Trust 3		SUBSIDIARY
Cityhold Iconic Investment S.à r.l.	98-1435880	AFFILIATE	Gropius Passagen GmbH & Co KG		SUBSIDIARY	TGA PBSA Hold Trust 2		SUBSIDIARY
Cityhold Propco 9 S.à r.l.		AFFILIATE	Gropius Passagen GmbH & Co KG		SUBSIDIARY	TGA PBSA Asset Trust 4		SUBSIDIARY
36 Rue La Fayette SAS		AFFILIATE			SUBSIDIARY	TGA PBSA Asset Trust 2		SUBSIDIARY
SAS Roosevelt		AFFILIATE	TIAA Lux 5 S.à r.l.		SUBSIDIARY	TGA PBSA Asset Trust 3		SUBSIDIARY
Roosevelt Participation S.à r.l.		AFFILIATE			SUBSIDIARY	TGA PBSA Asset Trust 4		SUBSIDIARY
SNC Roosevelt		AFFILIATE	U.S. Cities Fund, LP	20-1371171	SUBSIDIARY	TGA PBSA Asset Trust 2		SUBSIDIARY
Cityhold Euro S.à r.l.		AFFILIATE	U.S. Cities Fund REIT, LLC	20-1371379	SUBSIDIARY	TGA PBSA Asset Trust 3		SUBSIDIARY
Cityhold Propco 7 S.à r.l.		AFFILIATE	U.S. Cities Fund Operating GP, LLC	20-1371379	SUBSIDIARY	TGA PBSA Asset Trust 4		SUBSIDIARY
Cityhold Propco 10 S.à r.l.		AFFILIATE	U.S. Cities Fund Operating LP	20-1371235	SUBSIDIARY	TGA PBSA Asset Trust 2		SUBSIDIARY
Cityhold Gouden Bocht B.V.		AFFILIATE	T-C Falls Center Townhouses LLC	46-5061808	SUBSIDIARY	TGA PBSA Asset Trust 3		SUBSIDIARY
Cityhold Gouden Bocht Monumenten B.V.		AFFILIATE	T-C King Street Station LLC	26-1700245	SUBSIDIARY	TGA PBSA Asset Trust 4		SUBSIDIARY
Redevelopment Property II B.V.	98-1438380	AFFILIATE	T-C Trio Apartments LLC	45-2892182	SUBSIDIARY	TGA PBSA Asset Trust 2		SUBSIDIARY
Cityhold Propco 12 S.à r.l.		AFFILIATE	U.S. Cities Industrial CPF Fund LP	81-3738136	SUBSIDIARY	TGA PBSA Asset Trust 3		SUBSIDIARY
Cityhold EST Investment S.à r.l.		AFFILIATE	U.S. Cities Industrial CPF Fund REIT LLC	81-3681230	SUBSIDIARY	TGA PBSA Asset Trust 4		SUBSIDIARY
Cityhold Prinses Cooperatief U.A.		AFFILIATE	U.S. Cities Industrial CPF Fund Operating GP LLC	81-3671343	SUBSIDIARY	TGA PBSA Asset Trust 2		SUBSIDIARY
Cityhold Prinses AcquiCo Cooperatief BV		AFFILIATE	U.S. Cities Industrial CPF Fund Operating LP	81-3757117	SUBSIDIARY	TGA PBSA Asset Trust 3		SUBSIDIARY
Cityhold GC Investment S.à r.l.		AFFILIATE	U.S. Cities Multifamily CPF Fund LP	81-3765537	SUBSIDIARY	TGA PBSA Asset Trust 4		SUBSIDIARY
OVG Cloud S.à r.l.		AFFILIATE	U.S. Cities Multifamily CPF Fund REIT LLC	81-3870674	SUBSIDIARY	TGA PBSA Asset Trust 2		SUBSIDIARY
Cityhold Sterling S.à r.l.		AFFILIATE	U.S. Cities Multifamily CPF Fund Operating LP	81-3794611	SUBSIDIARY	TGA PBSA Asset Trust 3		SUBSIDIARY
Cityhold UK Holding S.à r.l.		AFFILIATE	U.S. Cities Office CPF Fund LP	81-3814378	SUBSIDIARY	TGA PBSA Asset Trust 4		SUBSIDIARY
Cityhold UK Investment S.à r.l.		AFFILIATE	U.S. Cities Office CPF Fund REIT LLC	81-3911937	SUBSIDIARY	TGA PBSA Asset Trust 2		SUBSIDIARY
London Belgrave Unit Trust		AFFILIATE	U.S. Cities Office CPF Fund Operating GP LLC	81-3881522	SUBSIDIARY	TGA PBSA Asset Trust 3		SUBSIDIARY
New Fetter Lane Unit Trust		AFFILIATE	U.S. Cities Office CPF Fund Operating LP	81-3839479	SUBSIDIARY	TGA PBSA Asset Trust 4		SUBSIDIARY
60 Great Portland Street Unit Trust		AFFILIATE	U.S. Cities Retail CPF Fund LP	81-3437405	SUBSIDIARY	TGA PBSA Asset Trust 2		SUBSIDIARY
70 St Mary Axe Unit Trust		AFFILIATE	U.S. Cities Retail CPF Fund REIT LLC	81-3573421	SUBSIDIARY	TGA PBSA Asset Trust 3		SUBSIDIARY
London Belgrave Unit Trust		AFFILIATE	U.S. Cities Retail CPF Fund Operating GP LLC	81-3578259	SUBSIDIARY	TGA PBSA Asset Trust 4		SUBSIDIARY
CLOF Victoria Nominee 1 Limited		AFFILIATE	U.S. Cities Retail CPF Fund Operating LP	81-3473773	SUBSIDIARY	TGA PBSA Asset Trust 2		SUBSIDIARY
CLOF Victoria Nominee 2 Limited		AFFILIATE	T-C Potomac Promenade LLC	27-4116676	SUBSIDIARY	TGA PBSA Asset Trust 3		SUBSIDIARY
New Fetter Lane Unit Trust		AFFILIATE	TCAM Core Prop Fund REIT 2 LLC	47-4935916	SUBSIDIARY	TGA PBSA Asset Trust 4		SUBSIDIARY
Stichting Bewaarder Ziemia Fund		AFFILIATE	Siguler Guff Third Avenue, L.P.	03-0543113	SUBSIDIARY	TGA PBSA Asset Trust 2		SUBSIDIARY
					AFFILIATE	TGA PBSA Asset Trust 3		SUBSIDIARY

(23) Cityhold Nymphe S.à r.l. (Nymphe) is owned by TIAA via a 25% ownership of Cityhold Office Partnership S.à r.l., which owns 88% of Nymphe, and 3% owned by wholly-owned ND Europe Office Holding S.à r.l.

(24) Cityhold Euro S.à r.l. (CES) is owned by TIAA via a 25% ownership of Cityhold Propco 9 S.à r.l., which owns 88% of CES, and 3% owned by wholly-owned ND Europe Office Holding S.à r.l.

(25) SNC Roosevelt is owned by TIAA via a 25% ownership of Cityhold Propco 9 S.à r.l., which owns SAS Roosevelt (99.99% of SNC Roosevelt) and Roosevelt Participation S.à r.l. (0.01%).

(26) London Belgrave Unit Trust (LBUT) is owned by TIAA via a 25% ownership of Cityhold Office Partnership S.à r.l., which owns Cityhold UK Holding S.à r.l. (99.8% of LBUT) and Cityhold UK Investment S.à r.l. (0.2%).

(27) New Fetter Lane Unit Trust (NFLUT) is owned by TIAA via a 25% ownership of Cityhold Office Partnership S.à r.l., which owns Cityhold UK Holding S.à r.l. (99.9% of NFLUT) and Cityhold UK Investment S.à r.l. (0.1%).

(28) 60 Great Portland Street Unit Trust (60GPS) is owned by TIAA via a 25% ownership of Cityhold Office Partnership S.à r.l., which owns Cityhold UK Holding S.à r.l. (99.4% of 60GPS) and Cityhold UK Investment S.à r.l. (0.6%).

(29) 70 St. Mary Axe Unit Trust (SMAUT) is owned by TIAA via a 25% ownership of Cityhold Office Partnership S.à r.l., which owns SMA Holding S.à r.l. (99.9% of SMAUT) and Cityhold UK Investment S.à r.l. (0.1%).

(30) Gropius Passagen GmbH & Co KG is controlled by TIAA, and partially owned by Gropius S.à r.l., which owns 99.8% and TIAA Lux 11 S.à r.l. which owns 0.16%.

(31) T-C Europe LP is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA and 1% owned by T-C Europe Holding, Inc.

(32) Roppenheim Outlet SNC (ROSNC) is ultimately controlled by TIAA via a 61.8% ownership of Neptune Property Venture S.à r.l., which owns Roppenheim Holding SAS (99.99% of ROSNC) Neptune Roppenheim Holding S.à r.l. (0.01%).

LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP
T-C GA Real Estate Holdings, LLC	45-2877772	SUBSIDIARY
8 Spruce Street GA Investor, LLC	46-0959792	SUBSIDIARY
FC 8 Spruce Holdings, LLC	46-1403221	AFFILIATE
FC 8 Spruce Street Residential, LLC		AFFILIATE
2300 Broadway Storage Operator LLC	84-2144204	SUBSIDIARY
Nuveen Global Cities REIT, Inc.	82-1419222	SUBSIDIARY
Nuveen Global Cities REIT LP, LLC	82-1502883	SUBSIDIARY
Nuveen Global Cities REIT OP, LP		
NR 1 National Street LLC		SUBSIDIARY
NR 844 North LLC	82-3527067	SUBSIDIARY
NR 9725 Datapoint Drive LLC		SUBSIDIARY
NR APCF Investor Ltd.		SUBSIDIARY
NR Deform Hills LLC	82-5519657	SUBSIDIARY
NR Denver Industrial Portfolio LLC	82-929243	SUBSIDIARY
NR East Sego Lily LLC	83-3651003	SUBSIDIARY
NR ECF Investor Ltd.		SUBSIDIARY
NR Globe Street Industrial LLC		SUBSIDIARY
NR Henderson 215 LLC	83-1495411	SUBSIDIARY
NR Kirkland Crossing LLC	82-3556058	SUBSIDIARY
NR Massachusetts REIT Member LLC		SUBSIDIARY
NR Tacara at Steiner Ranch LLC	82-5503093	SUBSIDIARY
T-C 2 Herald Square Member LLC	47-1535030	SUBSIDIARY
T-C 2 Herald Square Venture LLC	47-1650509	SUBSIDIARY
T-C 2 Herald Square Owner LLC		SUBSIDIARY
T-C 1101 Pennsylvania Avenue LLC	27-2952349	SUBSIDIARY
T-C 1101 Pennsylvania Avenue Venture LLC	27-2952617	SUBSIDIARY
T-C 1101 Pennsylvania Avenue Owner LLC	27-2952860	SUBSIDIARY
T-C 33 Arch Street Member, LLC	46-1851206	SUBSIDIARY
T-C 33 Arch Street Venture, LLC	46-1805501	SUBSIDIARY
T-C 33 Arch Street, LLC	45-2792699	SUBSIDIARY
T-C 470 Park Avenue South Member LLC	46-1754709	SUBSIDIARY
T-C 470 Park Avenue South Venture LLC	46-1744112	SUBSIDIARY
T-C 475 Fifth Avenue Member, LLC	46-1828055	SUBSIDIARY
T-C 475 Fifth Avenue Venture LLC	46-1839003	SUBSIDIARY
T-C 800 17th Street NW Member LLC	47-2189075	SUBSIDIARY
T-C 800 17th Street NW Venture LLC	47-2118640	SUBSIDIARY
T-C 800 17th Street NW Owner LLC	47-2069910	SUBSIDIARY
T-C 888 Brannan Member LLC	47-4665824	SUBSIDIARY
T-C 888 Brannan Venture LLC	47-4684031	SUBSIDIARY
T-C 888 Brannan Owner LLC	47-4674147	SUBSIDIARY
T-C 888 Brannan TRS, LLC	47-5605380	SUBSIDIARY
T-C 2300 Broadway, LLC	45-3479701	SUBSIDIARY
T-C Aspira LLC	46-1220681	SUBSIDIARY
T-C Franklin Square Member, LLC	46-1791581	SUBSIDIARY
T-C Franklin Square Venture LLC	46-1794486	SUBSIDIARY
TIAA Franklin Square, LLC	26-0011770	SUBSIDIARY
T-C Hall of States Member LLC	47-2034468	SUBSIDIARY
T-C Hall of States Venture LLC	47-2034237	SUBSIDIARY
T-C Kings Crossing, LLC	45-4045658	SUBSIDIARY

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COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP
T-C GA Real Estate Holdings, LLC (continued)			T-C Waterford Blue Lagoon, LLC (continued)		
T-C Legacy Place Member, LLC	46-1120016	SUBSIDIARY	Waterford Blue Lagoon REIT LP	47-5305678	SUBSIDIARY
Legacy Place Associates, LLC	46-0876833	SUBSIDIARY	5201-5301 Waterford General Partner LLC	47-5642524	SUBSIDIARY
300 Legacy Place Boulevard LLC		SUBSIDIARY	5201-5301 Waterford Operating LP	47-5541032	SUBSIDIARY
Legacy Place Properties, LLC		SUBSIDIARY	5200 Waterford General Partner LLC	47-5672851	SUBSIDIARY
T-C Republic Square Member LLC	47-2903922	SUBSIDIARY	5200 Waterford Operating LP	47-5498897	SUBSIDIARY
T-C Republic Square Venture LLC	47-2867784	SUBSIDIARY	1000 Waterford General Partner LLC	81-0722154	SUBSIDIARY
T-C Republic Square Mezzanine LLC	47-3091198	SUBSIDIARY			
T-C Republic Square Owner LLC	47-2793452	SUBSIDIARY	701-703 Waterford General Partner LLC	47-5445045	SUBSIDIARY
The Flats DC Grocery LLC	47-1367530	SUBSIDIARY	701-703 Waterford Operating LP	47-5471474	SUBSIDIARY
The Flats 130 DC Residential LLC	47-1347366	SUBSIDIARY	Waterford Core REIT LP	82-2646233	SUBSIDIARY
The Flats 140 DC Residential LLC	47-1363564	SUBSIDIARY	Waterford Core 800 REIT General Partner LLC		SUBSIDIARY
T-C JK I, LLC	46-4567368	SUBSIDIARY	Waterford Core General Partner LLC	81-0733012	SUBSIDIARY
Adeoti Empreendimentos Imobiliários Ltda		SUBSIDIARY	Waterford Core Operating LP	47-5587163	SUBSIDIARY
T-C JK II, LLC	84-3224525	SUBSIDIARY	Waterford Core II General Partner LLC	82-2672297	SUBSIDIARY
Adeoti Empreendimentos Imobiliários Ltda		SUBSIDIARY	TGA 10th Street Business Park LLC	84-3332496	SUBSIDIARY
T-C Lux Fund Holdings LLC	47-4095803	SUBSIDIARY	TGA 299 Franklin LLC	81-2769108	SUBSIDIARY
European Cities Partnership SCSp		AFFILIATE	TGA 730 The Arcade Owner LLC	81-3988795	SUBSIDIARY
Global Real Estate Debt Partners – Fund I (UK)		SUBSIDIARY	TGA 3401 North Ashton Blvd LLC	83-2957526	SUBSIDIARY
T-C M-T REIT LLC	81-4599024	SUBSIDIARY	TGA 3851 Grandpine Way LLC	82-4830474	SUBSIDIARY
T-C M-T REIT Fund II		SUBSIDIARY	Asia Pacific Cities Fund, FCP		SUBSIDIARY
T-C MT II Originations TRS LLC	85-2937933	SUBSIDIARY	TGA Real Estate Fund Holdings, LLC	82-2311300	SUBSIDIARY
T-C Mt. Ommaney Centre Holding Company LLC	47-1954609	SUBSIDIARY	Asia Pacific Cities Fund, FCP		SUBSIDIARY
T-C Mt. Ommaney Centre LLC	47-1828871	SUBSIDIARY	TGA Auburn Business Park LLC	84-3830265	SUBSIDIARY
T-C Permian Investor LLC	82-1023309	SUBSIDIARY	TGA Aurora DC II LLC	84-3285557	SUBSIDIARY
T-C SBMC Joint Venture LLC	46-3007720	SUBSIDIARY	TGA Baltimore IC LLC	84-3475931	SUBSIDIARY
T-C SMA 2, LLC	36-4620008	SUBSIDIARY	TGA Barnes Canyon Life Science LLC	83-1851559	SUBSIDIARY
PennMuni-TIAA U.S. Real Estate Fund, LLC	36-4619998	SUBSIDIARY	TGA Beachview Investor Member LLC	85-3076626	SUBSIDIARY
T-C The Edge at Flagler Village, LLC	81-2204918	SUBSIDIARY	TGA Beckwith Farms LLC	84-3303586	SUBSIDIARY
T-C UK RE Holdings I, LLC	81-2676934	SUBSIDIARY	TGA Bedford Park LLC	84-3314123	SUBSIDIARY
T-C UK RE Holdings II, LLC	81-2691474	SUBSIDIARY	TGA Bridge Point LLC	84-3441362	SUBSIDIARY
T-C UK RE Holdings III, LLC	81-3299073	SUBSIDIARY	TGA Cactus DC I LLC	84-2939313	SUBSIDIARY
Thurrock Retail Park Unit Trust		SUBSIDIARY	TGA Cactus DC II LLC	84-2939493	SUBSIDIARY
T-C U.S. Super Regional Mall Fund LP	47-3148337	SUBSIDIARY	TGA Capital Beltway CC LLC	84-3523623	SUBSIDIARY
T-C Waterford Blue Lagoon General Partner, LLC	47-5379777	SUBSIDIARY	TGA Center Square DC LLC	84-3487859	SUBSIDIARY
Waterford Blue Lagoon LP	47-5392075	SUBSIDIARY	TGA Centerpointe LLC	84-3314029	SUBSIDIARY
T-C Waterford Blue Lagoon, LLC	47-5375805	SUBSIDIARY	TGA Central Green LLC	83-3799476	SUBSIDIARY
Waterford Blue Lagoon LP	47-5392075	SUBSIDIARY	TGA Central Square Investor Member LLC	84-4376282	SUBSIDIARY
Westland At Waterford REIT General Partner LLC	81-0779817	SUBSIDIARY	TGACSE Central Square Holdings LLC	84-4806076	SUBSIDIARY
Westland At Waterford REIT LP	47-5321319	SUBSIDIARY	TGACSE Central Square LLC	84-4893448	SUBSIDIARY
Westland At Waterford General Partner LLC	47-5635267	SUBSIDIARY	TGACSE Midwood Corners LLC	84-4923976	SUBSIDIARY
Westland At Waterford Operating LP	47-5580924	SUBSIDIARY	TGACSE Morningside LLC	84-4893383	SUBSIDIARY
Waterford Blue Lagoon REIT General Partner LLC		SUBSIDIARY	TGACSE Triangle LLC	84-4924033	SUBSIDIARY
			TGA Capital Square Investor Member LLC	83-0780652	SUBSIDIARY
			PEP-TH Athens, LLC	61-1892161	SUBSIDIARY
			PEP Athens, LLC	83-1011298	SUBSIDIARY
			TGA Creekside Village Investor Member LLC	85-1065983	SUBSIDIARY
			TGA East Coronado Industrial LLC		SUBSIDIARY
			TGA East Miraloma Industrial LLC		SUBSIDIARY

(33) Adeoti Empreendimentos Imobiliários Ltda is ultimately controlled and owned entirely by TIAA, with 51% of ownership with T-C JK I, LLC and 49% of ownership with T-C JK II, LLC

(12) European Cities Partnership SCSp is owned 29.8% by T-C Lux Investments Special Limited Partnership and 1% by European Cities Partnership (GP) S.à.r.l.

(21) Global Real Estate Debt Partners – Fund I (UK) is controlled by TIAA, which owns 36.3%. T-C Lux Investments Special Limited Partnership, which is 100% owned by TIAA, owns 24.3%.

(34) Thurrock Retail Park Unit Trust is ultimately controlled and owned entirely by TIAA with 99.5% owned by T-C UK RE Holdings III, LLC and 0.5% owned by T-C UK RE Holdings II, LLC.

(35) Waterford Blue Lagoon LP is controlled by TIAA, and partially owned indirectly by T-C Waterford Blue Lagoon LLC, which owns 50%, and T-C Waterford Blue Lagoon General Partner, LLC, which owns 1%.

(36) Asia Pacific Cities Fund, FCP is owned 27.7% by TGA APAC Fund Holdings, LLC and 27.7% by TGA Real Estate Fund Holdings, LLC

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LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP
TEFF Holdco LLC	81-2146865	SUBSIDIARY	TGA European RE Holdings I, LLC	83-2810033	SUBSIDIARY	TGA MS Self Storage Investor Member LLC	83-1916152	SUBSIDIARY
TIAA European Farmland Fund GP LP	98-1310748	SUBSIDIARY (4)	Eagle GPCo S.à r.l.		SUBSIDIARY	Morningstar NRE Self Storage Portfolio LLC	83-2379583	SUBSIDIARY
TIAA European Farmland Fund LP	98-1310748	SUBSIDIARY	Eagle Partnership SCSp		SUBSIDIARY	MSC Bentonville, LLC		SUBSIDIARY
TEFF Holding S.à r.l		SUBSIDIARY	Eagle JVCo S.à r.l		SUBSIDIARY	MSC Boerne, LLC		SUBSIDIARY
TEFF Investments B.V.		SUBSIDIARY	CB Kriean Dzwel GmbH		SUBSIDIARY	MSC Buda, LLC		SUBSIDIARY
Areal III Spolka z o.o.		SUBSIDIARY	Viertel Zwei Entwicklung GmbH & Co Studenthouse KG		SUBSIDIARY (37)	MSC Carolinas, LLC		SUBSIDIARY
Hodowla Zwierząt Zarodowych Choczewo Spolka z o.o.		SUBSIDIARY	Eagle Austria Holdings S.à r.l.		SUBSIDIARY (37)	MSC Dam Storage, LLC		SUBSIDIARY
Hodowla Zwierząt Zarodowych Wierchucino Spolka z o.o.		SUBSIDIARY	Studenthouse Rua Manuel Pereira, S.A		SUBSIDIARY	MSC Greenhouse, LLC		SUBSIDIARY
Hodowla Zwierząt Zarodowych Zamowiec Spolka z o.o.		SUBSIDIARY	TK Living GPCo Sarl		SUBSIDIARY	MSC Highway 521 Storage, LLC		SUBSIDIARY
Dangro Invest SA		SUBSIDIARY	TK Living Partnership SCSp		SUBSIDIARY	MSC Midtown Atlanta, LLC		SUBSIDIARY
AGAT Spolka z o.o.		SUBSIDIARY	TK Living JVCo Sarl		SUBSIDIARY	MSC MTP, LLC		SUBSIDIARY
AGRAMAX Spolka z o.o.		SUBSIDIARY	Fenway Center Hlding 1-2, LLC	82-2708488	SUBSIDIARY	MSC Peachtree, LLC		SUBSIDIARY
AGRIFARM Spolka z o.o.		SUBSIDIARY	Fenway Center Owner 1-2, LLC	82-2708488	SUBSIDIARY	MSC South End, LLC		SUBSIDIARY
AGRO - DUBLINY SP. z o.o.		SUBSIDIARY	TGA Franklin Square IC I LLC	84-3523773	SUBSIDIARY	MSC Spring Branch, LLC		SUBSIDIARY
AGROLAND Spolka z o.o.		SUBSIDIARY	TGA Franklin Square IC I LLC	84-3523773	SUBSIDIARY	MSC Talahassee, LLC		SUBSIDIARY
AMAL Spolka z o.o.		SUBSIDIARY	TGA Freeport DC LLC	84-3332846	SUBSIDIARY	MSC Yorktown, LLC		SUBSIDIARY
CISY Spolka z o.o.		SUBSIDIARY	TGA Greenstone Logistics Center LLC	84-3463622	SUBSIDIARY	TGA Harkinsville DC LLC		SUBSIDIARY
MILKOWO Sp. Z o.o.		SUBSIDIARY	TGA Hollins End LLC	84-3475313	SUBSIDIARY	TGA Prairie Point LLC	84-3285659	SUBSIDIARY
SATOPY Spolka z o.o.		SUBSIDIARY	TGA I-95 DC LLC	84-3523721	SUBSIDIARY	TGA Renton Park 405 LLC		SUBSIDIARY
SEE-AGRO SP. z o.o.		SUBSIDIARY	TGA I-95 DC LLC	81-3602072	SUBSIDIARY	TGA Somerset IC LLC	84-3487605	SUBSIDIARY
SOBIERADZ Spolka z o.o.		SUBSIDIARY	TGA Japan Holdings Pte Ltd		SUBSIDIARY	TGA Sparrow Investor LLC	85-2863856	SUBSIDIARY
Pszennol SA		SUBSIDIARY	TGA Japan GK Holdings Pte Ltd		SUBSIDIARY	TGA Sparrow Realty Investment I LLC		SUBSIDIARY
BUDUS Spolka z o.o.		SUBSIDIARY	TGA Ginzza 115 Holdings Pte Ltd		SUBSIDIARY	TGA Sterling DC LLC	84-3255382	SUBSIDIARY
LOZICE Sp. z o.o.		SUBSIDIARY	TGA JL Investor Member LLC	84-3718861	SUBSIDIARY	TGA The Apartments at Blakeney LLC	85-3509669	SUBSIDIARY
OGARDY SP. z o.o.		SUBSIDIARY	TGA JL II Investor Member LLC	84-4376472	SUBSIDIARY	TGA The Warehouse At CH Investor Member LLC	84-3093962	SUBSIDIARY
ROLA Spolka z o.o.		SUBSIDIARY	661 Dulles Park CT PJV, LLC		SUBSIDIARY	TGAP The Warehouse At CH Owner LLC	84-3055465	SUBSIDIARY
ROLPOL Spolka z o.o.		SUBSIDIARY	TGA JL Potomac Vista Investor Member LLC		SUBSIDIARY	TGAP The Warehouse At CH LLC	84-3055701	SUBSIDIARY
ROLZBUD Spolka z o.o.		SUBSIDIARY	TGA Landover DC LLC	84-3523582	SUBSIDIARY	TGA Tri-State Commerce Center LLC		SUBSIDIARY
SZAFIR SP. z o.o.		SUBSIDIARY	TGA Maryland Farms Holdings LLC		SUBSIDIARY (10)	TGA Van Dorens West LLC	84-3830895	SUBSIDIARY
WALICHNOWY Sp. z o.o.		SUBSIDIARY	U.S. Cities Office Fund Maryland Farms Co-Invest		SUBSIDIARY	TGA Vista Point South LLC	84-3441798	SUBSIDIARY
WEZINY SP. z o.o.		SUBSIDIARY	TGA MH Investor Member LLC	84-2765297	SUBSIDIARY	TGA Washington DC CC LLC	84-3527380	SUBSIDIARY
ZIEMROL Spolka z o.o.		SUBSIDIARY	TGA MKP Member LLC	82-1169084	SUBSIDIARY	TGA Westport Distribution Center LLC	84-2939589	SUBSIDIARY
Adamas SA		SUBSIDIARY	TGA MKP Venture LLC	82-1198745	SUBSIDIARY	TGA Yorktown Apartments LLC	83-0723201	SUBSIDIARY
CIESZYSLAW SP z o.o.		SUBSIDIARY	AMBER SP. z o.o.	82-1187131	SUBSIDIARY	TGAM Agribusiness Fund LP	81-1994278	SUBSIDIARY
JAROSLAWSKO I SP. z o.o.		SUBSIDIARY	TGA Montague Investor Member, LLC	81-4232788	SUBSIDIARY	TIAA Administrative Services LLC	82-2826183	SUBSIDIARY
JAROSLAWSKO II SP. z o.o.		SUBSIDIARY	RCD TGA Pierrepont Partners LLC		SUBSIDIARY	TIAA CLO I Ltd		SUBSIDIARY
JASIONNO Spolka z o.o.		SUBSIDIARY	TGA Montrose Residences Investor Member, LLC	81-3542251	SUBSIDIARY	TIAA CLO I LLC		SUBSIDIARY
OPAL SP z o.o.		SUBSIDIARY	The Residences at La Colombe d'Or Investors LLC	81-2872565	SUBSIDIARY	TIAA CLO I Holding, LLC	84-1905731	SUBSIDIARY
TETYRI SP. z o.o.		SUBSIDIARY	TGA Near East LLC	83-4153778	SUBSIDIARY	TIAA CLO II Ltd		SUBSIDIARY
Gospodarstwo Okopy Sp. z o.o.		SUBSIDIARY	TGA Nex Investor LLC	85-1291326	SUBSIDIARY	TIAA CLO II LLC		SUBSIDIARY
Agrohop Bellice Sp. z o.o.		SUBSIDIARY	TGA NJAHP Investor Member LLC		SUBSIDIARY	TIAA CLO II Holding, LLC	84-1921751	SUBSIDIARY
Agrohop Service Sp. z o.o.		SUBSIDIARY	NJAHP Preservation Associates JV LLC		SUBSIDIARY	TIAA CLO III Ltd.		SUBSIDIARY
Agrohop Sp. z o.o.		SUBSIDIARY	TGA NJAHP II Investor Member LLC		SUBSIDIARY	TIAA CLO III LLC		SUBSIDIARY
Agrohop Bis Sp. z o.o.		SUBSIDIARY	HVPF NJ BX, LLC		SUBSIDIARY	TIAA CLO IV Ltd.		SUBSIDIARY
Cieszanowice Solar Park sp. z o.o.		SUBSIDIARY	TGA NYCAHP I Investor Member LLC	85-2859128	SUBSIDIARY	TGA North Miller Orkney Sp. z o.o.		SUBSIDIARY
TGA Eastridge Investor Member LLC		SUBSIDIARY	Hudson Valley Preservation Fund II, LLC		SUBSIDIARY	TGA North Orange Industrial LLC		SUBSIDIARY
TGA King EastRidge Venture LLC		SUBSIDIARY	TGA North Miller Orkney Sp. z o.o.		SUBSIDIARY	TGA Oak View Mall LLC	83-1934291	SUBSIDIARY
TGA King EastRidge Owner LLC		SUBSIDIARY	TGA North Orange Industrial LLC		SUBSIDIARY	TGA O'Hare Logistics Center IV LLC	84-4774106	SUBSIDIARY
TGA Emerald Corporate Park LLC		SUBSIDIARY	TGA Park 355 LLC	84-3254652	SUBSIDIARY	TGA Park 355 LLC	84-3254652	SUBSIDIARY
TGA Englewood DC LLC	84-3502383	SUBSIDIARY	TGA Park 55 LLC	84-3254103	SUBSIDIARY	TGA Park 88 LLC	84-3254979	SUBSIDIARY

(4) TIAA European Farmland Fund GP LP is ultimately controlled and owned entirely by TIAA, with 50% owned by Nuveen Alternative Services, LLC and 50% owned by TEFF Holdco LLC

(37) Viertel Zwei Entwicklung GmbH & Co Studenthouse KG is controlled by TIAA, and partially owned indirectly by Eagle Austria Holdings S.à r.l., which owns 94%, and CB Kriean Dzwel GmbH, which owns 6%.

(10) U.S. Cities Office Fund Maryland Farms Co-Invest is ultimately controlled and owned entirely by TIAA, with 51% owned by USCOF Maryland Farms Holdings LLC and 49% owned by TGA Maryland Farms Holdings LLC.

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LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP
TGA SP-MPC Housing Investor Member LLC	83-2063402	SUBSIDIARY	TIAA FSB Holdings, Inc.	90-0615674	SUBSIDIARY	TIAA GTR HoldCo, LLC	46-3881813	SUBSIDIARY
TGA-SP Housing Venture I LLC	83-2147240	SUBSIDIARY	Everbank Funding, LLC	37-17181179	SUBSIDIARY	Global Timber Resources LLC	46-3210500	SUBSIDIARY
TGA SP-MPC Housing Venture I LLC	83-2123785	SUBSIDIARY	TIAA, FSB	59-3531592	SUBSIDIARY	Global Timber SA LLC	46-3909387	SUBSIDIARY
MPSP Ashwood Homes LLC	83-1869400	SUBSIDIARY	AMC Holding, Inc.	59-3547521	SUBSIDIARY	Global Timber International LLC	46-3899490	SUBSIDIARY
MPSP Ashwood MHC LLC	83-1869494	SUBSIDIARY	Customerone Financial Network, Inc.	43-1823879	SUBSIDIARY	Global Timber Spain, SL		SUBSIDIARY
MPSP Beltline Homes LLC	84-2331138	SUBSIDIARY	Business Property Lending, Inc.	36-1208070	SUBSIDIARY	Forestal Monterrey Colombia SAS	98-1206384	SUBSIDIARY
MPSP Beltline Lender LLC	84-2345909	SUBSIDIARY	Elite Lender Services, Inc.	11-3642567	SUBSIDIARY	Forestal GTR Chile Limitada		SUBSIDIARY
MPSP Beltline Lender LLC	84-2345909	SUBSIDIARY						
MPSP Center Grove Homes LLC	83-1088601	SUBSIDIARY	TIAA Commercial Finance, Inc.	20-0716627	SUBSIDIARY	Monte Fresnos Asociacion Agraria de Responsabilidad LTDA		SUBSIDIARY
MPSP Center Grove Lender LLC	83-2290040	SUBSIDIARY	Tygris Asset Finance, Inc.	26-2483829	SUBSIDIARY	Monte Fresnos, S.A.		SUBSIDIARY
MPSP Center Grove Lender LLC	83-1078792	SUBSIDIARY	TIAA GBS Holding LLC	26-2483829	SUBSIDIARY			
MPSP Colinas South Homes LLC	84-2158715	SUBSIDIARY	TIAA GBS Singapore Holding Company Pte. Ltd.		SUBSIDIARY	Taurion Asociacion de Responsabilidad LTDA		SUBSIDIARY
MPSP Colinas South Lender LLC	84-2158791	SUBSIDIARY	TIAA Global Business Services (India) Private Limited		SUBSIDIARY	Taurion, S.A.		SUBSIDIARY
MPSP Colinas South Lender LLC	84-2158791	SUBSIDIARY				GT Europe Cooperatief U.A.		SUBSIDIARY
MPSP Estancia Homes LLC	84-2169973	SUBSIDIARY	Global Agriculture AIV (US) LLC	27-5551198	SUBSIDIARY			
MPSP Estancia Lender LLC	84-2277681	SUBSIDIARY	Global Ag Properties USA LLC	45-5044364	SUBSIDIARY	GTR Brasil Participacoes Ltda		SUBSIDIARY
MPSP Estancia Lender LLC	84-2277681	SUBSIDIARY	Global Ag Properties USA LLC	45-1531685	SUBSIDIARY	Brasilwood Reflorestamento S.A.		SUBSIDIARY
MPSP Fairlane Oaks Homes LLC	83-4260197	SUBSIDIARY	Sugarloaf Vineyard, LLC	46-2577906	SUBSIDIARY	Khaya Woods Investimentos Florestais LTDA		SUBSIDIARY
MPSP Fairlane Oaks Lender LLC	83-4283444	SUBSIDIARY	Global Agriculture II AIV (US) LLC	47-1083514	SUBSIDIARY	Mamoneira Agropastoril S.A.		AFFILIATE
MPSP Fairlane Oaks Lender LLC	84-2290488	SUBSIDIARY	TIAA-CREF Global Agriculture LLC	27-5551341	SUBSIDIARY			
MPSP Lakeview Lender LLC	84-2319726	SUBSIDIARY	Global AG Properties Australia Pty, Ltd		SUBSIDIARY	Paineira Investimentos Florestais S.A.		SUBSIDIARY
MPSP Lakeview Lender LLC	84-2319726	SUBSIDIARY	Global AG Properties Australia Pty, Ltd		SUBSIDIARY	IPOPEMA 95 Closed Investment Fund of Non-Public Assets		SUBSIDIARY
MPSP Lemon Tree Homes LLC	83-1213262	SUBSIDIARY	Nova Gaia Brasil Participaco Ltda.		SUBSIDIARY			
MPSP Lemon Tree MHC LLC	83-2548459	SUBSIDIARY	Tellus Brasil Participaco S.A.		SUBSIDIARY	Brunso Resort Sp. z o.o.		SUBSIDIARY
MPSP Mobile Gardens Homes LLC	83-1230714	SUBSIDIARY	Terraviva Brasil Participaco S.A.		SUBSIDIARY			
MPSP Mobile Gardens MHC LLC	83-1230714	SUBSIDIARY	Tellus Brasil Participaco S.A.		SUBSIDIARY	730 Interpark, LLC	81-5302296	SUBSIDIARY
MPSP Parker Homes LLC	84-2379528	SUBSIDIARY	Agrobio Investimentos e Participações S.A.		SUBSIDIARY	A-30 Canadian Transport Inc.		SUBSIDIARY
MPSP Parker Lender LLC	84-2389423	SUBSIDIARY	Cerpon Participações S.A.		SUBSIDIARY	1667 Infrastructure Holdings Inc.		SUBSIDIARY
MPSP Parker MHC LLC	84-2247177	SUBSIDIARY	Nova Ibiajara Propriedades Agricolas S.A.		SUBSIDIARY	ACS NA30 Holding Inc.		SUBSIDIARY
MPSP Seven Oaks Homes LLC	84-2277774	SUBSIDIARY	Tellus Bahia Propriedades Agricolas Ltda.		SUBSIDIARY	Nouvelle Autoroute 30, s.e.n.c.		AFFILIATE
MPSP Seven Oaks Lender LLC	84-2290439	SUBSIDIARY	Jatobá Propriedades Agricolas Ltda.		SUBSIDIARY	1595 Toll Road, LLC	38-3857916	SUBSIDIARY
MPSP Seven Oaks MHC LLC	84-2198856	SUBSIDIARY	Terra do Sol Propriedades Agricolas S.A.		SUBSIDIARY	North American Sustainable Energy Fund, L.P.	46-5279686	SUBSIDIARY
MPSP Shiloh Homes LLC	83-2700633	SUBSIDIARY	Terrainvest Propriedades Agricolas S.A.		SUBSIDIARY	McCommas Bluff Holdings LLC		AFFILIATE
MPSP Shiloh Lender LLC	83-2725391	SUBSIDIARY	Tparone Participações S.A.		SUBSIDIARY	Dallas Clean Energy, LLC		AFFILIATE
MPSP Shiloh MHC LLC	83-2700544	SUBSIDIARY	Toperone Agricola S.A.		SUBSIDIARY	Dallas Clean Energy McCommas Bluff, LLC		AFFILIATE
MPSP South Concho Homes LLC	84-2436652	SUBSIDIARY	Topertwo Agricola S.A.		SUBSIDIARY			
MPSP South Concho MHC LLC	84-2261982	SUBSIDIARY	TIAA-CREF Global Agriculture BR, LLC	45-1502187	SUBSIDIARY	EPP Renewable Energy, LLC		SUBSIDIARY
MPSP Stonegate Homes LLC	83-2736822	SUBSIDIARY	Nova Gaia Brasil Participaco Ltda.		SUBSIDIARY	EPP New Jersey Biogas, LLC		SUBSIDIARY
MPSP Stonegate Lender LLC	83-2736936	SUBSIDIARY	Terraviva Brasil Participaco Ltda.		SUBSIDIARY	EPP New Jersey Solar, LLC		SUBSIDIARY
MPSP Stonegate MHC LLC	83-2725560	SUBSIDIARY	TIAA-CREF Global Agriculture II LLC	47-0974399	SUBSIDIARY	North American Sustainable Energy Fund GP, LLC		SUBSIDIARY
MPSP TC GH Homes LLC	84-2319873	SUBSIDIARY	TIAA-CREF Global Agriculture II BR, LLC	47-1062423	SUBSIDIARY	North American Sustainable Energy Manager, LLC		SUBSIDIARY
MPSP TC GH Lender LLC	84-2331064	SUBSIDIARY	TIAA Global Equity Income, LLC	46-2860100	SUBSIDIARY	TIAA RFS, LLC	82-2885306	SUBSIDIARY
MPSP TC GH MHC LLC	84-2216156	SUBSIDIARY	TIAA Global Public Investments, LLC	26-3594208	SUBSIDIARY	TIAA Advisory, LLC	82-2335773	SUBSIDIARY
MPSP TC Sherman Homes LLC	84-2389479	SUBSIDIARY	TIAA Oil and Gas Investments, LLC	45-2665869	SUBSIDIARY	TIAA-CREF Insurance Agency, LLC	20-2904312	SUBSIDIARY
MPSP TC Sherman Lender LLC	84-2428588	SUBSIDIARY	Actgas, LLC	45-1286237	SUBSIDIARY	TIAA Shared Services, LLC		SUBSIDIARY
MPSP TC Sherman MHC LLC	84-2247220	SUBSIDIARY	Actoil Bakken, LLC	46-3410649	SUBSIDIARY	TIAA SMA Strategies, LLC	81-2755014	SUBSIDIARY
MPSP Wildwood Acres Homes LLC	84-2345969	SUBSIDIARY	Actoil Utica, LLC	46-3628993	SUBSIDIARY	TIAA-Stonepeak Investments I, LLC	45-3029655	SUBSIDIARY
MPSP Wildwood Acres Lender LLC	84-2381787	SUBSIDIARY	TIAA Realty, LLC	11-3519531	SUBSIDIARY	TIAA-Stonepeak Investments II, LLC	45-3030923	SUBSIDIARY
MPSP Wildwood Acres MHC LLC	84-2239609	SUBSIDIARY	T-C 77 Central LLC	81-0902394	SUBSIDIARY			
MPSP Wildwood Village Homes LLC	84-2361842	SUBSIDIARY	T-C 680 Belleville LLC	47-2249307	SUBSIDIARY	730 Catsolar, LLC	13-1624203	SUBSIDIARY
MPSP Wildwood Village Lender LLC	84-2379481	SUBSIDIARY	T-C Port Northwest Development, LLC	46-2678242	SUBSIDIARY	Catalina Solar Lessee Holdco, LLC		SUBSIDIARY
MPSP Wildwood Village MHC LLC	84-2239646	SUBSIDIARY	TGA 70 Federal Street LLC	81-3961919	SUBSIDIARY	Catalina Solar Lessee, LLC		SUBSIDIARY
MPSP Windsong Homes LLC	83-2848324	SUBSIDIARY				SG Solutions, LLC	56-2492641	AFFILIATE
MPSP Windsong Lender LLC	83-2848439	SUBSIDIARY				AE Investor II, LLC	27-0195010	SUBSIDIARY
MPSP Windsong MHC LLC	83-2861026	SUBSIDIARY						

(19) Loma del Rio Vineyards, LLC is ultimately controlled and owned entirely by TIAA, with 45% owned by Premiere Agricultural Properties, LLC and 55% owned by Global Ag Properties USA, LLC.

(38) Nova Gaia Brasil Participaco Ltda. is owned 99.99% by TIAA-CREF Global Agriculture LLC and 0.01% by TIAA-CREF Global Agriculture BR, LLC.

(39) Tellus Brasil Participaco S.A. is owned 48.9% by Terraviva Brasil Participaco Ltda. and 0.47% by Nova Gaia Brasil Participaco Ltda.

(40) Terraviva Brasil Participaco Ltda. is owned 99.99% by Nova Gaia Brasil Participaco Ltda. and 0.01% by TIAA-CREF Global Agriculture BR, LLC.

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY
SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP
PART 1 - ORGANIZATIONAL CHART

LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP
TIAA Super Regional Mall Member Sub, LLC	45-3164800	SUBSIDIARY
T-C Super Regional Mall Venture, LLC	45-3164764	SUBSIDIARY
T-C International Plaza REIT LLC	46-4623585	SUBSIDIARY
T-C International Plaza Investor GP LLC	46-4653326	SUBSIDIARY
T-C International Plaza Investor LP LLC	46-4680948	SUBSIDIARY
Tampa Westshore Associates Limited Partnership	38-3173536	AFFILIATE
T-C Las Vegas Retail REIT LLC	46-2713521	SUBSIDIARY
T-C Las Vegas Retail Investor LLC	46-2726147	SUBSIDIARY
Grand Canal Shoppes Holdings, LLC		AFFILIATE
T-C Midwest REIT, LLC	45-3165203	SUBSIDIARY
T-C Midwest Retail, LLC	45-2211857	SUBSIDIARY
CBL/T-C, LLC		SUBSIDIARY
T-C Montgomery Mall REIT, LLC	45-3164998	SUBSIDIARY
T-C Montgomery Mall, LLC	27-4117159	SUBSIDIARY
Montgomery Mall of Maryland, LLC	95-4658637	SUBSIDIARY
TIAA Wind Investments, LLC	45-4486211	SUBSIDIARY
Capistrano Wind Partners, LLC	45-3743502	AFFILIATE
TIAA-CREF LPHC, LLC	20-8384004	SUBSIDIARY
TCAM DOF GP, LLC	26-3561391	SUBSIDIARY
TIAA-CREF Real Property Fund GP, LLC	46-1191235	SUBSIDIARY
TIAA-CREF Individual & Institutional Services, LLC	55-0856733	SUBSIDIARY
TIAA-CREF Redwood, LLC	20-5591124	SUBSIDIARY
TIAA Endowment & Philanthropic Services, LLC	20-5631854	SUBSIDIARY
TIAA-CREF Tuition Financing, Inc.	13-4026557	SUBSIDIARY
TIAA Union Place Phase I, LLC	20-8892977	SUBSIDIARY
Union Place Phase I, LLC	20-8281443	SUBSIDIARY
UK PPP Investments, LP		SUBSIDIARY
Wigg (Holdings) Limited		SUBSIDIARY
Wigg Investments Limited		SUBSIDIARY
Merseylink (Holdings) Limited		AFFILIATE
Merseylink (Finance) Limited		AFFILIATE
Merseylink Limited		AFFILIATE
Merseylink (Issuer) plc		AFFILIATE
U.S. Cities Industrial Fund LP		AFFILIATE
U.S. Cities Retail Fund LP	82-3970010	SUBSIDIARY
U.S. Cities Retail Fund REIT LLC	82-4016503	SUBSIDIARY
U.S. Cities Retail Fund Operating GP LLC	82-4069923	SUBSIDIARY
U.S. Cities Retail Fund Operating LP	82-4037905	SUBSIDIARY
T-C 919 N. Michigan Avenue Retail, LLC	46-0750331	SUBSIDIARY
USCRF KRG JV Investor Member LLC		SUBSIDIARY
KRG – USCRF Retail Portfolio LLC		SUBSIDIARY
KRG 951 & 41, LLC		SUBSIDIARY
KRG Livingston Center, LLC		SUBSIDIARY
KRG-USCRF Plaza Volente, LLC		SUBSIDIARY
U.S. Core-Plus Real Estate Debt Fund LP	82-3988257	SUBSIDIARY
CRED REIT LLC	82-3760575	SUBSIDIARY
CRED REIT Holdco LLC	47-1938723	SUBSIDIARY
CRED Glenhardie LLC	84-2113010	SUBSIDIARY
CRED HQ LLC	85-1296109	SUBSIDIARY
CRED REIT Holdco Seller LLC	83-2024014	SUBSIDIARY
CRED REIT Holdco TRS LLC	81-1392434	SUBSIDIARY
CRED REIT Manager LLC	82-4800804	SUBSIDIARY
CRED REIT Member LP	82-5347019	SUBSIDIARY
CRED Sawtelle LLC	83-2267896	SUBSIDIARY
CRED Slabtown LLC	83-3184068	SUBSIDIARY
CRED West Coast Industrial LLC	83-4107560	SUBSIDIARY
Western A Midwest TN, LLC	84-3440905	SUBSIDIARY
WRC Properties, LLC	51-0141732	SUBSIDIARY

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			13-6110585	3792687			TIAA Board of Overseers	.NY.	UIP					.N	
..1216	Teachers Insurance and Annuity Association of America	..69345	13-1624203	1607170	315038		Teachers Insurance and Annuity Association of America	.NY.	UDP	TIAA Board of Overseers	Ownership	100.000	TIAA Board of Overseers	.N	
			45-2401857	4618298			730 Holdings, LLC	.DE	NIA	TIAA Board of Overseers	Ownership	100.000	TIAA Board of Overseers	.N	
			13-6022042		777535		College Retirement Equities Fund	.NY.	NIA	CREF Board of Overseers	Board		CREF Board of Overseers	.N	
..1216	Teachers Insurance and Annuity Association of America	..60142	13-3917848	4314415	1429401		TIAA-CREF Life Insurance Company	.NY.		Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			47-1595484	4747826			Nuveen, LLC	.DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			81-3407371	5042621			Nuveen Services, LLC	.DE	NIA	Nuveen, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			13-3905273	4599865			TIAA-CREF Asset Management, LLC	.DE	NIA	Nuveen, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			81-1272900	4952732			L&C Special Member Holdco, LLC	.DE	NIA	TIAA-CREF Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-3889185	4866932			GTR Special Member Holdco LLC	.DE	NIA	TIAA-CREF Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			81-4374969				TIAA International GP LLC	.DE	NIA	TIAA-CREF Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			13-3586142	4314303	887793		TIAA-CREF Investment Management, LLC	.DE	NIA	TIAA-CREF Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-3870972	4716541			Nuveen Alternative Holdings, LLC	.DE	NIA	TIAA-CREF Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			81-1467545	4974190			AGR Partners LLC	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	75.000	TIAA Board of Overseers	.N	
			36-4853278				AGR Services LLC	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	1.000	TIAA Board of Overseers	.N	100
			36-4853278				AGR Services LLC	.DE	NIA	AGR Partners LLC	Ownership	99.000	TIAA Board of Overseers	.N	100
			83-4328253				Nuveen Agribusiness Fund III GP, LLC	.DE	NIA	AGR Partners LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			81-1870559	5010657			TGAM Agribusiness Fund GP LLC	.DE	NIA	AGR Partners LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			45-5558395	4724096			Beaver Investments Holdings, LLC	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			80-0026976	4724108	1392090		GreenWood Resources, Inc.	.DE	NIA	Beaver Investments Holdings, LLC	Ownership	88.690	TIAA Board of Overseers	.N	
				4961006			Greenwood Resources Brasil, Ltda.	.BRA	NIA	GreenWood Resources, Inc.	Ownership	1.000	TIAA Board of Overseers	.N	200
			45-1875074	4724153			GreenWood Resources Capital Management, LLC	.DE	NIA	GreenWood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
			20-8501127	4868413			GTFF GP, LLC	.DE	NIA	GreenWood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
			20-8955976	4867863			GWR-GTFF Investment, LLC	.DE	NIA	GreenWood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
				4724144			GWR International Ltd.	.VGB	NIA	GreenWood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
			20-3188681	4724386			GWR China Ltd.	.VGB	NIA	GWR International Ltd.	Ownership	100.000	TIAA Board of Overseers	.N	
				4724377			GWR SA, Ltd.	.VGB	NIA	GWR International Ltd.	Ownership	100.000	TIAA Board of Overseers	.N	
				4724395			GreenWood Resources Chile, S.A.	.CHL	NIA	GreenWood Resources SA, Ltd.	Ownership	95.000	TIAA Board of Overseers	.N	
			98-1016332	4868392			GWR Europe Ltd.	.GBR	NIA	GWR International Ltd.	Ownership	100.000	TIAA Board of Overseers	.N	
			98-1016335	4868404			GreenWood Resources Poland sp z o.o.	.POL	NIA	GWR Europe Ltd.	Ownership	100.000	TIAA Board of Overseers	.N	
			47-4557075	4887580			Greenwood Resources Forest Management, LLC	.DE	NIA	GreenWood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
				4961006			Greenwood Resources Brasil, Ltda.	.BRA	NIA	Greenwood Resources Forest Management, LLC	Ownership	99.000	TIAA Board of Overseers	.N	200
							Greenwood Resources Forest Management, LLC								
				4796600			GWR Uruguay S.A.	.URY	NIA		Ownership	100.000	TIAA Board of Overseers	.N	
							Greenwood Resources Colombia SAS	.COL	NIA	GreenWood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
			47-3156644	4844369			Churchill Asset Management LLC	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	75.000	TIAA Board of Overseers	.N	
			36-4851864	5083688			CAM HR Resources LLC	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	1.000	TIAA Board of Overseers	.N	300
			36-4851864	5083688			CAM HR Resources LLC	.DE	NIA	Churchill Asset Management LLC	Ownership	99.000	TIAA Board of Overseers	.N	300
			82-3187734				Churchill Agency Services LLC	.DE	NIA	Churchill Asset Management LLC	Ownership	75.000	TIAA Board of Overseers	.N	
							Churchill Feeder Fund GP II S.a.r.l.	.LUX	NIA	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			83-1177850				Churchill Fund GP II LLC	.DE	NIA	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			98-1449979				Churchill Fund GP II Sarl	.LUX	NIA	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			82-0735838	5106484			Churchill Special Member LLC	.DE	NIA	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			82-3784145				Churchill Warehouse LLC	.DE	NIA	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							Nuveen Churchill Administration LLC	.DE	NIA	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			81-1817732	5041615			TGAM Churchill Fund GP LLC	.DE	NIA	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			45-5044435	4867658			Global AG AIV (CN) GP, LLC	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			45-5044681	4867667			Global Agriculture AIV (CN), LP	.DE	NIA	Global AG AIV (CN) GP, LLC	Management		TIAA Board of Overseers	.N	
			47-1192644	4753564			Global Ag II AIV GP LLC	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			47-1197292	4754776			Global Agriculture II AIV, LP	.DE	NIA	Global Ag II AIV GP LLC	Management		TIAA Board of Overseers	.N	

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Per-centage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			47-1208361 83-2245173	4866969			GTR Investor Fund GP LLC	DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							NAP Investors GP, LLC	DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							NCBDC Holdings LLC	DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Nuveen Churchill Advisors LLC	DE	NIA	NCBDC Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
			45-4288013	4866941			Nuveen Alternatives Advisors, LLC	DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Nuveen Churchill Direct Lending Corp.	MD	NIA	Nuveen Alternatives Advisors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							TPS Investors GP, LLC	DE	NIA	Nuveen Alternatives Advisors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			45-4288091	4801858			Nuveen Alternatives Services, LLC	DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				5041697			GAP II NZ GP Limited	NZL	NIA	Nuveen Alternatives Services, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			98-1310748	5041660			TIAA European Farmland Fund GP LP	CYM	NIA	Nuveen Alternatives Services, LLC	Ownership	50.000	TIAA Board of Overseers	N	400
			47-1515836	4802819			TCAS Global Investments LLC		NIA	Nuveen Alternatives Services, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-1819349				Nuveen Global Farmland Fund GP, LLC		NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Nuveen Global Farmland Fund Lux GP S.à r.l.	LUX	NIA	Nuveen Global Farmland Fund GP, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-5180164				Nuveen Global Impact Fund GP, LLC		NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Nuveen Global Impact Fund Lux GP S.à r.l.	LUX	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-2719001	4313155			Nuveen International Holdings LLC		NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Nuveen Canada Company	CAN	NIA	Nuveen International Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Nuveen Japan Co., Limited	JPN	NIA	Nuveen International Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
				5040579			Nuveen UK, Limited	GBR	NIA	Nuveen International Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-4349631	5079083			TGAM Subsidiary HC LLC	DE	NIA	Nuveen International Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-4290269	5079104			TGAM APAC LLC	DE	NIA	TGAM Subsidiary HC LLC	Ownership	33.300	TIAA Board of Overseers	N	500
			81-4323796	5083718			TGAM HK HC LLC	DE	NIA	TGAM APAC LLC	Ownership	25.000	TIAA Board of Overseers	N	600
				4908355			Nuveen Hong Kong Limited	HKG	NIA	TGAM HK HC LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-4306975	5079113			TGAM Asia LLC	DE	NIA	TGAM Subsidiary HC LLC	Ownership	33.300	TIAA Board of Overseers	N	700
			81-4323796	5083718			TGAM HK HC LLC	DE	NIA	TGAM Asia LLC	Ownership	25.000	TIAA Board of Overseers	N	600
			81-4499397	5079122			TIAA International APAC LLC	DE	NIA	TGAM Subsidiary HC LLC	Ownership	33.300	TIAA Board of Overseers	N	800
			81-4323796	5083718			TGAM HK HC LLC	DE	NIA	TIAA International APAC LLC	Ownership	25.000	TIAA Board of Overseers	N	600
			81-4359164	5079131			TIAA International Asia LLC	DE	NIA	TGAM Subsidiary HC LLC	Ownership	33.300	TIAA Board of Overseers	N	900
			81-4323796	5083718			TGAM HK HC LLC	DE	NIA	TIAA International Asia LLC	Ownership	25.000	TIAA Board of Overseers	N	600
			81-4390558	5079092			TIAA International Subsidiary HC LLC	DE	NIA	Nuveen International Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-4290269	5079104			TGAM APAC LLC	DE	NIA	TIAA International Subsidiary HC LLC	Ownership	33.300	TIAA Board of Overseers	N	500
			81-4306975	5079113			TGAM Asia LLC	DE	NIA	TIAA International Subsidiary HC LLC	Ownership	33.300	TIAA Board of Overseers	N	700
			81-4499397	5079122			TIAA International APAC LLC	DE	NIA	TIAA International Subsidiary HC LLC	Ownership	33.300	TIAA Board of Overseers	N	800
			81-4359164	5079131			TIAA International Asia LLC	DE	NIA	TIAA International Subsidiary HC LLC	Ownership	33.300	TIAA Board of Overseers	N	900
			81-4290269	5079104			TGAM APAC LLC	DE	NIA	Nuveen International Holdings LLC	Ownership	33.300	TIAA Board of Overseers	N	500
			81-4306975	5079113			TGAM Asia LLC	DE	NIA	Nuveen International Holdings LLC	Ownership	33.300	TIAA Board of Overseers	N	700
			81-4499397	5079122			TIAA International APAC LLC	DE	NIA	Nuveen International Holdings LLC	Ownership	33.300	TIAA Board of Overseers	N	800
			81-4359164	5079131			TIAA International Asia LLC	DE	NIA	Nuveen International Holdings LLC	Ownership	33.300	TIAA Board of Overseers	N	900
							Nuveen Junior Capital Opportunities Fund GP S.à r.l.	LUX	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-4262460	5079074			Nuveen Real Estate Global LLC	DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-2748598	4601487			Nuveen Global Investments LLC	DE	NIA	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-2986445				Nuveen GP Holding Company LLC	DE	NIA	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-4598778				Nuveen CRED GP Member LLC	DE	NIA	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-3751720				CRED GP LLC	DE	NIA	Nuveen CRED GP Member LLC	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Cities Office Fund GP LLC	DE	NIA	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Cities Office Fund LP	DE	NIA	U.S. Cities Office Fund GP LLC	Ownership	100.000	TIAA Board of Overseers	N	
			61-1914684				U.S. Cities Office Fund REIT LLC	DE	NIA	U.S. Cities Office Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Cities Office Fund Operating GP LLC	DE	NIA	U.S. Cities Office Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			36-4919858				U.S. Cities Office Fund Operating LP	DE	NIA	U.S. Cities Office Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
							USCOF Maryland Farms Holdings LLC	DE	NIA	U.S. Cities Office Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Cities Office Fund Maryland Farms Co-Invest	DE	NIA	USCOF Maryland Farms Holdings LLC	Ownership	51.000	TIAA Board of Overseers	N	1000

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			35-2633108				VRE-NRE Maryland Farms Venture	.DE	NIA	U.S. Cities Office Fund Maryland Farms Co-Invest	Ownership	97.000	TIAA Board of Overseers	.N	
			82-4054235				U.S. Cities Multifamily Fund GP LLC	.DE	NIA	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			85-2037572				U.S. Cities Retail Fund GP LLC	.DE	NIA	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			85-2116787				U.S. Strategic Industrial Fund II GP LLC	.DE	NIA	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							U.S. Strategic Industrial Fund II LP	.DE	NIA	U.S. Strategic Industrial Fund II GP LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							U.S. Strategic Industrial Fund Holding Company II LLC	.DE	NIA	U.S. Strategic Industrial Fund II LP	Ownership	100.000	TIAA Board of Overseers	.N	
							Nuveen Imajn Holdings Member LLC	.DE	NIA	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							Imajn Homes Holdings, LLC	.DE	NIA	Nuveen Imajn Holdings Member LLC	Ownership	72.000	TIAA Board of Overseers	.N	
							Imajn Services LLC	.DE	NIA	Imajn Homes Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							Imajn Asset Manager LLC	.DE	NIA	Imajn Homes Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							Sparrow Realty investment I Managing Member LLC	.DE	NIA	Imajn Homes Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			81-5466713	5157909			Nuveen Permian Investor Asset Manager Member LLC		NIA	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			82-0631410				Permian Investor Asset Manager LLC	.DE	NIA	Nuveen Permian Investor Asset Manager Member LLC	Ownership	50.000	TIAA Board of Overseers	.N	
			82-3426937				Nuveen Real Estate Global Cities Advisors LLC	.DE	NIA	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			84-2502695				Nuveen Real Estate Project Management Services LLC		NIA	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-1162850	4617620			TIAA International Holdings 1 Limited	.GBR	NIA	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-1163394	4617639			TIAA International Holdings 2 Limited	.GBR	NIA	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				4618074			TIAA International Holdings 3 Limited	.GBR	NIA	TIAA International Holdings 2 Limited	Ownership	100.000	TIAA Board of Overseers	.N	
			98-1125673	4617705			Nuveen Real Estate Limited	.GBR	NIA	TIAA International Holdings 3 Limited	Ownership	99.000	TIAA Board of Overseers	.N	1100
			98-1125673	4617705			Nuveen Real Estate Limited	.GBR	NIA	TIAA International Holdings 1 Limited	Ownership	1.000	TIAA Board of Overseers	.N	1100
			98-1127648	4618195			Nuveen Administration Ltd	.GBR	NIA	Nuveen Real Estate Limited	Ownership	100.000	TIAA Board of Overseers	.N	
			98-1128905	4618216			Nuveen Europe Holdings Limited	.GBR	NIA	Nuveen Real Estate Limited	Ownership	100.000	TIAA Board of Overseers	.N	
				4715964			Asia Pacific Cities Management Sarl	.LUX	NIA	Nuveen Europe Holdings Limited	Ownership	100.000	TIAA Board of Overseers	.N	
				4715955			Henderson European Retail Property Fund Management Sarl	.LUX	NIA	Nuveen Europe Holdings Limited	Ownership	94.900	TIAA Board of Overseers	.N	
							Nuveen Alternatives Europe S.à.r.l	.LUX	NIA	Nuveen Europe Holdings Limited	Ownership	100.000	TIAA Board of Overseers	.N	
							Nuveen Asset Management Europe S.à.r.l	.LUX	NIA	Nuveen Europe Holdings Limited	Ownership	100.000	TIAA Board of Overseers	.N	
			4715937				Nuveen Fund (Europe) Management Sarl	.LUX	NIA	Nuveen Europe Holdings Limited	Ownership	100.000	TIAA Board of Overseers	.N	
			4716756				Nuveen Fund Management (Jersey) Limited	.JEY	NIA	Nuveen Europe Holdings Limited	Ownership	100.000	TIAA Board of Overseers	.N	
			4716774				Nuveen Management AIFM Limited	.GBR	NIA	Nuveen Europe Holdings Limited	Ownership	100.000	TIAA Board of Overseers	.N	
				4715946			Nuveen Management Company (Luxembourg) No 1 Sarl	.LUX	NIA	Nuveen Europe Holdings Limited	Ownership	94.900	TIAA Board of Overseers	.N	
				4716765			Nuveen Property Management (Jersey) Limited	.JEY	NIA	Nuveen Europe Holdings Limited	Ownership	100.000	TIAA Board of Overseers	.N	
							Nuveen Real Estate Services GmbH (Austria)	.AUT	NIA	Nuveen Europe Holdings Limited	Ownership	100.000	TIAA Board of Overseers	.N	
			98-1128787	4618243			Nuveen FCACO Ltd	.GBR	NIA	Nuveen Real Estate Limited	Ownership	100.000	TIAA Board of Overseers	.N	
				4716783			Nuveen Real Estate Management Ltd	.GBR	NIA	Nuveen FCACO Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4716868			Nuveen Shopping Centre Verwaltungs GmbH	.DEU	NIA	Nuveen Real Estate Management Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
			98-0582851	4313182			TIAA-CREF Asset Management UK Limited	.GBR	NIA	Nuveen FCACO Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
			98-1127632	4618261			Nuveen Group Holdings Ltd	.GBR	NIA	Nuveen Real Estate Limited	Ownership	100.000	TIAA Board of Overseers	.N	
				4844015			Anglo-Sino Henderson Investment Consultancy (Beijing) Co Limited	.CHN	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4715311			CLOF II (GP) Limited	.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				5154010			CLOF II Vanquish Limited	.JEY	NIA	CLOF II (GP) Limited	Ownership	100.000	TIAA Board of Overseers	.N	
				4715263			CLOF II (No 1 GP) Limited	.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
			4841304				CLOF II (No1 Nominee) Limited	.GBR	NIA	CLOF II (No 1 GP) Limited	Ownership	100.000	TIAA Board of Overseers	.N	
				4715281			CLOF II (No 2 GP) Limited	.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
			98-1165678	4715302			CLOF II (No 3 GP) Limited	.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Loca-tion	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
				4908328			Enhanced Debt Carry (GP) Sarl .....	.LUX	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				5147003			ERES APAC II (GP) S.à.r.l .....	.LUX	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							ERES Europe II (GP) S.à.r.l .....	.LUX	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4949116			European Cities Partnership (GP) S.a.r.l. ....	.LUX	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							European Cities Partnership SCSp .....	.LUX	.NIA	European Cities Partnership (GP) S.a.r.l.	Influence.....		TIAA Board of Overseers .....	.N	1200
				4841247			Islazul General Partner Sarl .....	.LUX	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4715245			Matador LP General Partner Limited .....	.GBR	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4912763			Nuveen Consulting (Shanghai) Co Ltd .....	.CHN	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							Nuveen Corporate Secretarial Services Limited								
				4747059				.GBR	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4715236			Nuveen (France) SAS .....	.FRA	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4715898			Nuveen Immobilien GmbH .....	.DEU	.NIA	Nuveen Group Holdings Ltd	Influence.....		TIAA Board of Overseers .....	.N	
				4901244			Nuveen Italy Srl .....	.ITA	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4715357			Nuveen Management Austria GmbH .....	.AUT	.NIA	Nuveen Group Holdings Ltd	Ownership.....	65.000	TIAA Board of Overseers .....	.N	
							Nuveen Management Finland Oy .....	.FIN	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4747152			Nuveen Operations Limited .....	.GBR	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4841265			Nuveen Real Estate (Australia) Ltd .....	.AUS	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4841256			Nuveen Real Estate Debt Partners (GP) Sarl .....	.LUX	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							Nuveen Real Estate Debt Partners II (GP) S.à.r.l.								
				5134816			Global Real Estate Debt Partners Fund II (UK) SCSp .....	.LUX	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							Nuveen Real Estate Nominees Limited .....	.GBR	.NIA	Nuveen Real Estate Debt Partners II (GP) S.à.r.l.	Influence.....		TIAA Board of Overseers .....	.N	1300
				4715348			Nuveen Singapore Private Limited .....	.SGP	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4715919			OMP (GP) Limited .....	.GBR	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4715254			T-C Lux Investments GP Sarl .....	.LUX	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4901235			TH Real Estate Limited .....	.GBR	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			98-1014834	4617675			TIAA-CREF Luxembourg S.a.r.l. ....	.LUX	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4715272			Tokyo Multifamily GP PTE Ltd .....	.LUX	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4841292			UK OM (LP1) (GP) Limited .....	.GBR	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4715290			UK OM (LP1) Limited .....	.GBR	.NIA	UK OM (LP1) (GP) Limited	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4841283			UK OM (LP2) (GP) Limited .....	.GBR	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4715320			UK OM (LP2) Limited .....	.GBR	.NIA	UK OM (LP2) (GP) Limited	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4841274			UK OM (LP3) (GP) Limited .....	.GBR	.NIA	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			06-1217855	4680325			UK OM (LP3) Limited .....	.GBR	.NIA	UK OM (LP3) (GP) Limited	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							Nuveen Real Estate Property Holdings L.L.C. ....		.NIA	Nuveen Alternative Holdings, LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			30-0794692	4683559			Casa Partners VI GP, LLC .....		.NIA	Nuveen Real Estate Property Holdings L.L.C.	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
										Nuveen Real Estate Property Holdings L.L.C.					
			47-5190671	4912772			Casa Partners VII GP, LLC .....		.NIA	Nuveen Real Estate Property Holdings L.L.C.	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
										Nuveen Real Estate Property Holdings L.L.C.					
			82-4363605				CASA Partners VIII GP, LLC .....		.NIA	Nuveen Real Estate Property Holdings L.L.C.	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
										Nuveen Real Estate Property Holdings L.L.C.					
			36-4477806	4681797			Global Investors GP, L.L.C. ....		.NIA	Nuveen Real Estate Property Holdings L.L.C.	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
										Nuveen Real Estate Property Holdings L.L.C.					
			20-2537749	4681809			Global Investors GP II, L.L.C. ....		.NIA	Nuveen Real Estate Property Holdings L.L.C.	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
										Nuveen Real Estate Property Holdings L.L.C.					
			20-3070768	4681818			Global Investors GP IV, L.L.C. ....		.NIA	Nuveen Alternative Holdings, LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			46-5367344	4747170			TCGA BT AIV, LLC .....		.NIA	Nuveen Alternative Holdings, LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			45-5139523	4867368			TCGA Investor Fund GP, LLC .....		.NIA	Nuveen Alternative Holdings, LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			47-3511076	4843278			TCGA II Investor Fund GP, LLC .....		.NIA	Nuveen Alternative Holdings, LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			81-4330570				TGAM International GP LLC .....		.NIA	Nuveen Alternative Holdings, LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			45-1532009	4801867			TIAA Global Ag Special Member LLC .....		.NIA	Nuveen Alternative Holdings, LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Loca-tion	Rela-tion-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			81-1749609	4843287			TIAA Global Ag II Special Member LLC		NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-3126089	4847388			T-C U.S. Super Regional Mall Fund GP LLC		NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			20-1394681	4314255			U.S. Cities Fund GP, LLC		NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3647870	5116607			U.S. Cities Industrial CPF Fund GP LLC		NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Cities Industrial Fund GP LLC		NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3698954	5116616			U.S. Cities Multifamily CPF Fund GP LLC	DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3734470	5116625			U.S. Cities Office CPF Fund GP LLC	DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3493929	5057652			U.S. Cities Retail CPF Fund GP LLC	DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Westchester Group Investment Management Holding Company, Inc.		NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			27-3416812	4312916			Westchester Group Investment Management, Inc.		NIA	Westchester Group Investment Management Holding Company, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			27-3417683	4312925					NIA	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			87-0735518	4746977			Plata Wine Partners, LLC		NIA	Westchester Group Investment Management, Inc.	Ownership	91.110	TIAA Board of Overseers	N	
			37-1261935	4617693			Terra Land Co.		NIA	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			37-6589484	4747200			The Plata Wine Partners Trust	CA	NIA	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			37-1193973	4618186			Westchester Group Farm Management, Inc.	IL	NIA	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
				4618207			Westchester Group of Australia Pty Ltd.	AUS	NIA	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
							Westchester Group Chile Investment Management, SpA	CHL	NIA	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
				4794482			Westchester Group of Europe Ltd.	GBR	NIA	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
							Westchester Group SRL	ROU	NIA	Westchester Group of Europe Ltd.	Ownership	99.000	TIAA Board of Overseers	N	1400
				4914730			Westchester Group of Poland Sp. Z.o.o.	POL	NIA	Westchester Group of Europe Ltd.	Ownership	100.000	TIAA Board of Overseers	N	
							Westchester Group SRL	ROU	NIA	Westchester Group of Poland Sp. Z.o.o.	Ownership	1.000	TIAA Board of Overseers	N	1400
			37-1194491	4618225			Westchester Group Real Estate, Inc.	IL	NIA	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
							Westchester Group South America Gestao de Investimentos Ltda.	BRA	NIA	Westchester Group Real Estate, Inc.	Ownership	1.000	TIAA Board of Overseers	N	1500
							Westchester Group South America Gestao de Investimentos Ltda.	BRA	NIA	Westchester Group Investment Management, Inc.	Ownership	99.000	TIAA Board of Overseers	N	1500
			84-3766552				Westchester NGFF Investment LLC	DE	NIA	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			47-1563437	4749941			Nuveen Finance, LLC	DE	NIA	Nuveen, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3425820	5110025			Nuveen Holdings 1, Inc.	DE	NIA	Nuveen Finance, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-0373324	4767758			Nuveen Holdings, Inc.	DE	NIA	Nuveen Holdings 1, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			36-3817266	3707551	885708		Nuveen Investments, Inc.	DE	NIA	Nuveen Holdings, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			26-0627593	4774710			Gresham Asset Management LLC	DE	NIA	Nuveen Investments, Inc.	Ownership	78.900	TIAA Board of Overseers	N	
			20-1930384	4349828			Gresham Investment Management LLC	DE	NIA	Nuveen Investments, Inc.	Ownership	78.900	TIAA Board of Overseers	N	
							Gresham Investment Management Asia Pte. Ltd.	SGP	NIA	Gresham Investment Management LLC	Ownership	100.000	TIAA Board of Overseers	N	
			36-4839486	5153992			Nuveen Alternative Investments, LLC	DE	NIA	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			83-3751978				Nuveen Capital Markets LLC	DE	NIA	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			83-4025630				Symphony Alternative Asset Management LLC	DE	NIA	Nuveen Capital Markets LLC	Ownership	100.000	TIAA Board of Overseers	N	
			31-0942504	4774792	1311016		Nuveen Fund Advisors, LLC	DE	NIA	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			27-4357327	4781624	1521019		Nuveen Asset Management, LLC	DE	NIA	Nuveen Fund Advisors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			36-3293941				NIS/R&T, Inc.	IL	NIA	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			37-1695518	4774831	1602161		Nuveen WCM Holdings, LLC	DE	NIA	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			90-0860898	4776527	900973		Winslow Capital Management, LLC	DE	NIA	Nuveen WCM Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-0730906	5147021			Growth Capital GP I, LLC	DE	NIA	Winslow Capital Management, LLC	Ownership	100.000	TIAA Board of Overseers	N	

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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			36-4709028	4774868	1602171		Nuveen NIIQ Holdings, LLC	DE	NIA	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			30-0892190	4981189	1661847		NIIQ Partners, LLC	DE	NIA	Nuveen NIIQ Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-0875103	4776518	763848		NIIQ Investment Management Company, LLC	DE	NIA	NIIQ Partners, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			36-2639476	4775137	73387		Nuveen Securities, LLC	DE	NIA	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			20-3432117	4774822	1109426		Santa Barbara Asset Management, LLC	DE	NIA	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			94-3252504	4774813	1030815		Symphony Asset Management LLC	CA	NIA	Nuveen Investments, Inc.	Ownership	51.000	TIAA Board of Overseers	N	1600
			36-7364377	4774783			Nuveen Investments Holdings, Inc.	DE	NIA	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			94-3252504	4774813	1030815		Symphony Asset Management LLC	CA	NIA	Nuveen Investments Holdings, Inc.	Ownership	49.000	TIAA Board of Overseers	N	1600
							Symphony Risk Retention Finance LLC	DE	NIA	Symphony Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	N	
			30-1032009				SPR 1 LLC	DE	NIA	Symphony Risk Retention Finance LLC	Ownership	51.000	TIAA Board of Overseers	N	
			13-3760073	4313306	939222		Teachers Advisors, LLC	DE	NIA	Nuveen Finance, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-1157427				ColInvest Member LLC	DE	NIA	Teachers Advisors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Nuveen TALF Opportunities GP, LLC	DE	NIA	Teachers Advisors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			13-3987258	4599052			485 Properties, LLC	DE	NIA	485 Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			16-1735872	4601209			TPC Associates, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-3091169	5026603			730 Data Centers, LLC	DE	NIA	730 Data Centers, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-0793232	5154029			730 Aviator, LLC	DE	NIA	730 Data Centers, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3106043	5036303			730 Databridge, LLC	DE	NIA	730 Data Centers, LLC	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			47-2616735	4801719			730 Power Development, LLC	DE	NIA	730 Power Development, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2622825	4810784			730 Carroll, LLC	DE	NIA	730 Power Development, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4949107			730 Cricket, LLC	DE	NIA	730 Power Development, LLC	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			47-5363027	4936116			730 Telecom LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							730 Transmission, LLC	DE	NIA	730 Transmission, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							730 Hotspur, LLC	DE	NIA	730 Transmission, LLC	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			13-4042885	4599801			730 Texas Forest Holdings, Inc.	DE	NIA	730 Texas Forest Holdings, Inc.	Ownership	100.000	TIAA Board of Overseers	Y	
										Teachers Insurance and Annuity Association of America	Ownership	99.500	TIAA Board of Overseers	N	1700
			51-0494351	4599838			730 Texas Timberlands II, Ltd.	TX	NIA	730 Texas Forest Holdings, Inc.	Ownership	0.500	TIAA Board of Overseers	N	1700
			51-0494351	4599838			730 Texas Timberlands II, Ltd.	TX	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			13-4040842	4601722			TIAA Timberlands I, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			13-4085431	4601740			TIAA Timberlands II, LLC	DE	NIA	TIAA Timberlands I, LLC	Ownership	99.500	TIAA Board of Overseers	N	1800
			13-4042888	4601713			730 Texas Timberlands, Ltd.	TX	NIA	730 Texas Forest Holdings, Inc.	Ownership	0.500	TIAA Board of Overseers	N	1800
			13-4042888	4601713			730 Texas Timberlands, Ltd.	TX	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			38-3847245	4602840			Actoil, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			46-3373066	4602916			Actoil Colorado, LLC	DE	NIA	Actoil Colorado, LLC	Influence		TIAA Board of Overseers	N	
				4651521			Great Western Petroleum LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4747134			ASC Holdings, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	99.000	TIAA Board of Overseers	N	
			46-1952974	4599940			Broadleaf Timberland Investments, LLC	DE	NIA	Broadleaf Timberland Investments, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-4647417	4601768			Quercus Forestland Account, LLC	NC	NIA	Quercus Forestland Account, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4618346			Quercus Panama, LLC	DE	NIA	Quercus Forestland Account, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4651503			Quercus Algoma Corporation	CAN	NIA	Quercus Forestland Account, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4860538			Quercus Algoma Land Corporation	CAN	NIA	Quercus Algoma Corporation	Ownership	100.000	TIAA Board of Overseers	N	
			46-2916514	4613426			Quercus West Virginia, LLC	DE	NIA	Quercus Forestland Account, LLC	Ownership	99.900	TIAA Board of Overseers	N	

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			47-2167228	4776451			Casa Student Housing Fund Holdings, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			47-3994280	4865047			Shf-33d North Apts, LLC	DE	NIA	Casa Student Housing Fund Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-4155469	4865056			Shf-Millennium One Apts, LLC	DE	NIA	Casa Student Housing Fund Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-2450195	4990958			Shf-The Rocks Apts, LLC	DE	NIA	Casa Student Housing Fund Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-4455610	4990967			PEP-TH CASA Student Housing, LLC	DE	NIA	Casa Student Housing Fund Holdings, LLC	Ownership	90.000	TIAA Board of Overseers	N	
			47-4455303	5194418			CSHF-PEP Purdue LLC	DE	NIA	PEP-TH CASA Student Housing, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			30-0965548	5195237			CSHF-PEP USF LLC	DE	NIA	PEP-TH CASA Student Housing, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			56-2672630	4600033			Ceres Agricultural Properties, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			37-1555322	4601816			Premiere Agricultural Properties, LLC	DE	NIA	Ceres Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			80-0843991	4628596			Loma del Rio Vineyards, LLC	DE	NIA	Premiere Agricultural Properties, LLC	Ownership	45.000	TIAA Board of Overseers	N	1900
			36-4620107	4601825			Premiere Columbia Properties, LLC	DE	NIA	Ceres Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			30-0449681	4601834			Premiere Farm Properties, LLC	DE	NIA	Ceres Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-3484719	4601843			Demeter Agricultural Properties II, LLC	DE	NIA	Ceres Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-0352203	4628372			International Agricultural Investors, LLC	DE	NIA	Ceres Agricultural Properties, LLC	Ownership	99.240	TIAA Board of Overseers	N	
				4633321			IAI Australia Pty., Ltd.	AUS	NIA	International Agricultural Investors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4633330			IAI Australia Trust	AUS	NIA	International Agricultural Investors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4633358			IAI USA, LLC	DE	NIA	International Agricultural Investors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-2745365	4628363			International Agricultural Investors Fund II, LLC	DE	NIA	Ceres Agricultural Properties, LLC	Ownership	99.000	TIAA Board of Overseers	N	
				4633303			IAI Australia Fund II, Pty., Ltd.	AUS	NIA	International Agricultural Investors Fund II, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4633312			IAI Australia Fund II Trust	AUS	NIA	International Agricultural Investors Fund II, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-2747755	4633349			IAI USA Fund II, LLC	DE	NIA	International Agricultural Investors Fund II, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			98-1402136				Churchill Middle Market CLO IV Ltd.	CYM	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-1810508	5041624			Churchill Middle Market Senior Loan Fund, LP	DE	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
							Churchill Middle Market Senior Loan Fund III, LP	DE	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
			81-2914954	5106457			CPF/UIR JV Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-2928112	5110034			CPF/UIR Joint Venture LLC	DE	NIA	CPF/UIR JV Member LLC	Ownership	51.000	TIAA Board of Overseers	N	
			81-2955427	5110490			CPF 636 Sixth Avenue LLC	DE	NIA	CPF/UIR Joint Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2264739	4785949			T-C 636 Sixth Avenue Retail LLC	DE	NIA	CPF 636 Sixth Avenue LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-2982618	5110511			CPF 856 Market Street LLC	DE	NIA	CPF/UIR Joint Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-2973332	5110502			CPF 1511 Third Avenue LLC	DE	NIA	CPF/UIR Joint Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4785930			T-C 1608 Chestnut General Partner LLC	DE	NIA	CPF/UIR Joint Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4843371			1608 Chestnut Partners LP	DE	NIA	T-C 1608 Chestnut General Partner LLC	Ownership	1.000	TIAA Board of Overseers	N	2000
				4785958			T-C 1608 Chestnut Limited Partner LLC	DE	NIA	CPF/UIR Joint Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4843371			1608 Chestnut Partners LP	DE	NIA	T-C 1608 Chestnut Limited Partner LLC	Ownership	99.000	TIAA Board of Overseers	N	2000
			26-3049305	4601928			Demeter Agricultural Properties, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			45-2632248	4600770			Dionysus Properties, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			94-3306131	4601861			Silverado Premium Properties, LLC	CA	NIA	Dionysus Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			68-0436609	4612764			Arroya Loma, LLC	DE	NIA	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			75-3025596	4612867			Chalk Ridge Vineyard, LLC	CA	NIA	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			20-3964695	4613314			Hobson Avenue Vineyard, LLC	CA	NIA	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-1542713	4613417			Marsino Vineyard, LLC	CA	NIA	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			20-2103733	4613864			Silverado Los Alamos Vineyards, LLC	CA	NIA	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	

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			20-2490906	4613882			Silverado SLO Vineyards, LLC	CA	NIA	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			20-2103788	4613891			Silverado Sonoma Vineyard, LLC	CA	NIA	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			68-0466083	4613949			SPP Napa Vineyards, LLC	DE	NIA	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			94-3361818	4613967			Stanly Ranch Vineyards, LLC	CA	NIA	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-3774024	4613976			Suscol Mountain Vineyards, LLC	CA	NIA	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-2766605	4614665			Terra Ventosa Vineyards, LLC	CA	NIA	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			43-3997217	4601870			Silverado Winegrowers Holdings, LLC	DE	NIA	Dionysus Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			68-0443927	4613921			Silverado Winegrowers LLC	CA	NIA	Silverado Winegrowers Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			94-3357571	4614759			Alta Loma Vineyard, LLC	CA	NIA	Silverado Winegrowers LLC	Ownership	100.000	TIAA Board of Overseers	N	
			94-3312405	4615671			Oak Knoll Napa Vineyards, LLC	CA	NIA	Silverado Winegrowers LLC	Ownership	100.000	TIAA Board of Overseers	N	
			91-1806950	4615783			Silverado Suscol, LLC	CA	NIA	Silverado Winegrowers LLC	Ownership	100.000	TIAA Board of Overseers	N	
			45-4820104	4617077			SWG Paso Vineyard, LLC	CA	NIA	Silverado Winegrowers LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-3561447	4599708	1454640		Distressed Opportunities Fund, L.P.	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	50.000	TIAA Board of Overseers	N	
			4680307				DWM Inclusive Finance Equity Fund II	LUX	NIA	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
			98-0580879	4633947			DWM Microfinance Equity Fund I	LUX	NIA	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
			04-3718449	4643003			Envisage Information Systems, LLC	NY	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			30-0701953	4633974			EPP LFG I, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
			4894805				Global Real Estate Debt Partners Fund I (UK)	LUX	NIA	Teachers Insurance and Annuity Association of America	Ownership	36.300	TIAA Board of Overseers	N	2100
							Global Real Estate Debt Partners Fund II (UK) SCSp	LUX	NIA	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	1300
			20-1930384		1684621		Gresham CMS Fund, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	98.080	TIAA Board of Overseers	N	
			32-0509812		1699398		GreshamQuant ACAR Fund LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	62.690	TIAA Board of Overseers	N	
			81-0737062	4952750			Growth Capital Fund I, L.P.	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	94.000	TIAA Board of Overseers	N	
							Growth Capital Fund II, L.P.	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4860556			Inception GP LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			46-2031403	4860800			Inception Partners IV, LP	DE	NIA	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
			46-2062147	4860819			Inception Partners V, LP	DE	NIA	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
			27-4149157	4860846			Infra Alpha, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			27-3900641	4860855			EMG Investments, LLC	DE	NIA	Infra Alpha, LLC	Influence		TIAA Board of Overseers	N	
			47-4169877	4874656			Lewis & Clark Timberlands, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	57.400	TIAA Board of Overseers	N	
			47-4187541	4876436			L&C Log Co, LLC	DE	NIA	Lewis & Clark Timberlands, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-4196668	4945967			L&C Tree Farms, LLC	DE	NIA	Lewis & Clark Timberlands, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-5300478	4946384			L&C TRS LLC	DE	NIA	L&C Tree Farms, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			27-2007833	4635334			Liberty M & R SPV II, LP	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4601852			Mansilla Participacoes LTDA	BRA	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4634654			Radar Propriedades Agricolas S.A.	BRA	NIA	Mansilla Participacoes LTDA	Ownership	65.770	TIAA Board of Overseers	N	2200
				4643320			Nova Agricola Ponte Alta S.A.	BRA	NIA	Radar Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	

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				4643049			Nova Amaralina S.A. Propriedades Agricolas S.A.	BRA	NIA	Radar Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
				4643058			Nova Santa Barbara Agricola S.A.	BRA	NIA	Radar Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
				4644523			Terras da Ponte Alta S.A.	BRA	NIA	Radar Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
				4634645			Radar II Propriedades Agricolas S.A.	BRA	NIA	Mansilla Participacoes LTDA	Influence		TIAA Board of Overseers	N	
				4644309			Águas de Ponte Alta S.A.	BRA	NIA	Radar II Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
				4644318			Bioinvestments Negocios e Participacoes	BRA	NIA	Radar II Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
				4643085			Proud Participacoes S.A.	BRA	NIA	Radar II Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
				4634654			Radar Propriedades Agricolas S.A.	BRA	NIA	Radar II Propriedades Agricolas S.A.	Ownership	15.310	TIAA Board of Overseers	N	2200
				4644336			Vale De Ponte Alta S.A.	BRA	NIA	Radar II Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
			13-1624203	5077137			MM Funding, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			47-0902011	5043075			MyVest Corporation	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	Y	
			11-3034756	4600789			ND Properties, Inc.	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	Y	
			4634917	4634917			Norteshopping Retail and Leisure Centre BV	NLD	NIA	ND Properties, Inc.	Ownership	50.000	TIAA Board of Overseers	N	
				4634926			Norteshopping - Centro Commercial, S.A.	PRT	NIA	Norteshopping Retail and Leisure Centre BV	Ownership	100.000	TIAA Board of Overseers	N	
				4611824			ND Europe S.a.r.l.	LUX	NIA	ND Properties, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
				4912781			ND Europe Office Holding S.à r.l.	LUX	NIA	ND Europe S.a.r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4925558			Cityhold Nymphe S.à r.l.	LUX	NIA	ND Europe Office Holding S.à r.l.	Influence		TIAA Board of Overseers	N	2300
				4925530			Cityhold Propco 11 S.à r.l.	LUX	NIA	ND Europe Office Holding S.à r.l.	Influence		TIAA Board of Overseers	N	
				4914776			Cityhold Euro S.à r.l.	LUX	NIA	ND Europe Office Holding S.à r.l.	Influence		TIAA Board of Overseers	N	2400
				4913416			Cityhold Office Partnership S.à r.l.	LUX	NIA	ND Europe Office Holding S.à r.l.	Influence		TIAA Board of Overseers	N	
			98-1435873				CHOP OPCl	FRA	NIA	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
							Cityhold Iconic Holding SAS	FRA	NIA	CHOP OPCl	Ownership	100.000	TIAA Board of Overseers	N	
			98-1433967				Cityhold Iconic Hotel SNC	FRA	NIA	Cityhold Iconic Holding SAS	Ownership	100.000	TIAA Board of Overseers	N	
			98-1433956				Cityhold Iconic Office SCI	FRA	NIA	Cityhold Iconic Holding SAS	Ownership	100.000	TIAA Board of Overseers	N	
			98-1433960				Cityhold Iconic Retail SNC	FRA	NIA	Cityhold Iconic Holding SAS	Ownership	100.000	TIAA Board of Overseers	N	
			98-1433975				Cityhold Iconic Youth Hostel SNC	FRA	NIA	Cityhold Iconic Holding SAS	Ownership	100.000	TIAA Board of Overseers	N	
				4925558			Cityhold Nymphe S.à r.l.	LUX	NIA	Cityhold Office Partnership S.à r.l.	Ownership	88.000	TIAA Board of Overseers	N	2300
				4920094			Cityhold Propco 6 S.à r.l.	LUX	NIA	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
			98-1433939				Cityhold Iconic Hotel OPCO SAS	FRA	NIA	Cityhold Propco 6 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
			98-1435880				Cityhold Iconic Investment S.à r.l.	LUX	NIA	Cityhold Propco 6 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4925521			Cityhold Propco 9 S.à r.l.	LUX	NIA	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4612746			36 Rue La Fayette SAS	FRA	NIA	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4613828			SAS Roosevelt	FRA	NIA	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4914767			Roosevelt Participation S.à r.l.	LUX	NIA	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4615578			SNC Roosevelt	FRA	NIA	SAS Roosevelt	Ownership	99.990	TIAA Board of Overseers	N	2500
				4615578			SNC Roosevelt	FRA	NIA	Roosevelt Participation S.à r.l.	Ownership	0.010	TIAA Board of Overseers	N	2500
				4612876			Courcelles 70 SAS	FRA	NIA	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4914776			Cityhold Euro S.à r.l.	LUX	NIA	Cityhold Propco 9 S.à r.l.	Ownership	88.000	TIAA Board of Overseers	N	2400
				4925549			Cityhold Propco 7 S.à r.l.	LUX	NIA	Cityhold Euro S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4925615			Cityhold Propco 10 S.à r.l.	LUX	NIA	Cityhold Euro S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
							Cityhold Gouden Bocht B.V.	NLD	NIA	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
							Cityhold Gouden Bocht Monumenten B.V.	NLD	NIA	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
			98-1438380				Redevelopment Property II B.V.	NLD	NIA	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4925633			Cityhold Propco 12 S.à r.l.	LUX	NIA	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
							Cityhold EST Investment S.à r.l.	LUX	NIA	Cityhold Propco 12 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
							Cityhold Prinses Cooperatief U.A.	NLD	NIA	Cityhold EST Investment S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
							Cityhold Prinses AcquiCo Cooperatief BV	NLD	NIA	Cityhold Prinses Cooperatief U.A.	Ownership	100.000	TIAA Board of Overseers	N	
							Arc Portfolio Owner Prinses B.V.	NLD	NIA	Cityhold Prinses AcquiCo Cooperatief BV	Ownership	100.000	TIAA Board of Overseers	N	
							Cityhold GC Investment S.à r.l.	LUX	NIA	Cityhold Propco 12 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
							OVG Cloud S.à r.l.	LUX	NIA	Cityhold GC Investment S.à r.l.	Influence		TIAA Board of Overseers	N	

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
				4914785			Cityhold Sterling S.à r.l.	LUX	NIA	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4914758			Cityhold UK Holding S.à r.l.	LUX	NIA	Cityhold Sterling S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4919753			Cityhold UK Investment S.à r.l.	LUX	NIA	Cityhold UK Holding S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4651343			London Belgrave Unit Trust	JEY	NIA	Cityhold UK Holding S.à r.l.	Ownership	99.800	TIAA Board of Overseers	N	2600
				4651343			London Belgrave Unit Trust	JEY	NIA	Cityhold UK Investment S.à r.l.	Ownership	0.200	TIAA Board of Overseers	N	2600
				4949198			CLOF Victoria Nominee 1 Limited	GBR	NIA	London Belgrave Unit Trust	Ownership	100.000	TIAA Board of Overseers	N	
				4949228			CLOF Victoria Nominee 2 Limited	GBR	NIA	London Belgrave Unit Trust	Ownership	100.000	TIAA Board of Overseers	N	
				4844341			New Fetter Lane Unit Trust	JEY	NIA	Cityhold UK Holding S.à r.l.	Ownership	99.900	TIAA Board of Overseers	N	2700
				4844341			New Fetter Lane Unit Trust	JEY	NIA	Cityhold UK Investment S.à r.l.	Ownership	0.100	TIAA Board of Overseers	N	2700
				4919744			60 Great Portland Street Unit Trust	JEY	NIA	Cityhold UK Holding S.à r.l.	Ownership	99.400	TIAA Board of Overseers	N	2800
				4919744			60 Great Portland Street Unit Trust	JEY	NIA	Cityhold UK Investment S.à r.l.	Ownership	0.600	TIAA Board of Overseers	N	2800
				4920076			SMA Holding S.à r.l.	LUX	NIA	Cityhold UK Investment S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4919744			70 St Mary Axe Unit Trust	JEY	NIA	SMA Holding S.à r.l.	Ownership	99.900	TIAA Board of Overseers	N	2900
				4919744			70 St Mary Axe Unit Trust	JEY	NIA	Cityhold UK Investment S.à r.l.	Ownership	0.100	TIAA Board of Overseers	N	2900
				4920067			HV Properties S.à r.l.	LUX	NIA	Cityhold UK Holding S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4925763			HV Freehold S.à r.l.	LUX	NIA	HV Properties S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4614704			TIAA Lux 9 S.à r.l.	LUX	NIA	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4615738			SAS Malachite	FRA	NIA	TIAA Lux 9 S.a.r.l	Ownership	100.000	TIAA Board of Overseers	N	
				4616847			SNC Garnet-TIAA	FRA	NIA	SAS Malachite	Ownership	100.000	TIAA Board of Overseers	N	
				4616856			SNC La Defense	FRA	NIA	SAS Malachite	Ownership	100.000	TIAA Board of Overseers	N	
				4616865			SNC Lazuli	FRA	NIA	SAS Malachite	Ownership	100.000	TIAA Board of Overseers	N	
				4616874			SNC Peridot	FRA	NIA	SAS Malachite	Ownership	100.000	TIAA Board of Overseers	N	
				4612997			T-C Neuperlach Development S.a.r.l	LUX	NIA	ND Europe S.a.r.l.	Ownership	51.000	TIAA Board of Overseers	N	
				4613015			T-C Pep Holding S.a.r.l	LUX	NIA	ND Europe S.a.r.l.	Ownership	51.000	TIAA Board of Overseers	N	
				4617497			T-C Pep Property S.a.r.l	LUX	NIA	T-C Pep Holding S.a.r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4617488			T-C Pep Asset S.a.r.l	LUX	NIA	T-C Pep Holding S.a.r.l	Ownership	100.000	TIAA Board of Overseers	N	
				4614674			TIAA Lux 11 S.a.r.l	LUX	NIA	ND Europe S.a.r.l.	Ownership	51.000	TIAA Board of Overseers	N	
				4615635			Gropius Passagen Verwaltungs GmbH	DEU	NIA	TIAA Lux 11 S.a.r.l	Ownership	80.000	TIAA Board of Overseers	N	
				4615644			Gropius S.a.r.l	LUX	NIA	TIAA Lux 11 S.a.r.l	Ownership	80.000	TIAA Board of Overseers	N	
				4615626			Gropius Passagen GmbH & Co KG	DEU	NIA	Gropius S.a.r.l	Ownership	99.800	TIAA Board of Overseers	N	3000
				4615626			Gropius Passagen GmbH & Co KG	DEU	NIA	TIAA Lux 11 S.a.r.l	Ownership	0.200	TIAA Board of Overseers	N	3000
				4611842			TIAA Lux 5 S.a.r.l	LUX	NIA	ND Properties, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
				4612906			Erlangen Arcaden Verwaltungs GmbH	DEU	NIA	TIAA Lux 5 S.a.r.l	Ownership	100.000	TIAA Board of Overseers	N	
			20-1371171	4611851	1378575		U.S. Cities Fund, LP	DE	NIA	ND Properties, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			20-1371379	4614638			U.S. Cities Fund REIT, LLC	DE	NIA	U.S. Cities Fund, LP	Ownership	100.000	TIAA Board of Overseers	N	
			20-1364650	4617590			U.S. Cities Fund Operating GP, LLC	DE	NIA	U.S. Cities Fund REIT, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			20-1371235	4617602			U.S. Cities Fund Operating, LP	DE	NIA	U.S. Cities Fund REIT, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-5061808	4702928			T-C Falls Center Townhouses LLC	DE	NIA	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
			26-1700245	4617853			T-C King Street Station LLC	DE	NIA	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
			45-2892182	4618177			T-C Trio Apartments LLC	DE	NIA	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3738136	5115495			U.S. Cities Industrial CPF Fund LP	DE	NIA	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3681230	5115972			U.S. Cities Industrial CPF Fund REIT LLC	DE	NIA	U.S. Cities Industrial Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Cities Industrial CPF Fund Operating GP LLC	DE	NIA	U.S. Cities Industrial Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3671343	5116755			U.S. Cities Industrial CPF Fund Operating LP	DE	NIA	U.S. Cities Industrial Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3757117	5116250			U.S. Cities Multifamily CPF Fund LP	DE	NIA	U.S. Cities Industrial Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3765537	5115507			U.S. Cities Multifamily CPF Fund REIT LLC	DE	NIA	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3870674	5115963			U.S. Cities Multifamily CPF Fund Operating GP LLC	DE	NIA	U.S. Cities Multifamily Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3716920	5116782			U.S. Cities Multifamily CPF Fund Operating LP	DE	NIA	U.S. Cities Multifamily Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3794611	5116773			U.S. Cities Multifamily CPF Fund Operating LP	DE	NIA	U.S. Cities Multifamily Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3814378	5115516			U.S. Cities Office CPF Fund LP	DE	NIA	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3911937	5115945			U.S. Cities Office CPF Fund REIT LLC	DE	NIA	U.S. Cities Office Fund LP	Ownership	100.000	TIAA Board of Overseers	N	

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			81-3881522	5116595			U.S. Cities Office CPF Fund Operating GP LLC	DE	NIA	U.S. Cities Office Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3839479	5116791			U.S. Cities Office CPF Fund Operating LP	DE	NIA	U.S. Cities Office Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3437405	5057689			U.S. Cities Retail CPF Fund LP	DE	NIA	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3573421	5066403			U.S. Cities Retail CPF Fund REIT LLC	DE	NIA	U.S. Cities Retail Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Cities Retail CPF Fund Operating GP LLC								
			81-3578259	5086924				DE	NIA	U.S. Cities Retail Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3473773	5075713			U.S. Cities Retail CPF Fund Operating LP	DE	NIA	U.S. Cities Retail Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			27-4116676	4618092			T-C Potomac Promenade LLC	DE	NIA	U.S. Cities Retail Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-4935916	4952611			TCAM Core Prop Fund REIT 2 LLC	DE	NIA	U.S. Cities Fund, LP	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America					
			82-4183425				New York City Property Fund II LP	DE	NIA	of America	Ownership	86.300	TIAA Board of Overseers	N	
			83-4678924				New York City Property Fund REIT LLC	DE	NIA	New York City Property Fund II LP	Ownership	100.000	TIAA Board of Overseers	N	
			83-4701919				New York City Fund Operating GP LLC	DE	NIA	New York City Property Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-4671194				New York City Property Fund Operating LP	DE	NIA	New York City Property Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-3388831				125 West End Investors LLC	DE	NIA	New York City Property Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	N	
							125 West End Holdings LLC	DE	NIA	125 West End Investors LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-4653622				125 West End Associates LLC	DE	NIA	125 West End Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America					
			84-2320652				NGFF Holdco, LLC	DE	NIA	of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-1895540				Nuveen Global Farmland Fund, LP	DE	NIA	NGFF Holdco, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-1834824				Global Farmland Properties LLC	DE	NIA	Nuveen Global Farmland Fund, LP	Ownership	100.000	TIAA Board of Overseers	N	
			84-1857338				US Horticulture Farmland, LLC	DE	NIA	Global Farmland US Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-1842298				US Row Farmland, LLC	DE	NIA	Global Farmland US Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-1880235				US Viticulture Farmland, LLC	DE	NIA	Global Farmland US Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America					
							Nuveen CLO Issuance Fund LP	CYM	NIA	of America	Management		TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America					
			84-5180286				Nuveen Global Impact Fund LP	DE	NIA	of America	Management		TIAA Board of Overseers	N	
							Nuveen High Yield Municipal Opportunities Fund LP	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	68.860	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America					
							Nuveen Municipal Opportunities Fund LP	DE	NIA	of America	Ownership	74.420	TIAA Board of Overseers	N	
							Nuveen Real Estate U.S. Strategic Industrial Fund I LP	DE	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
			81-2429791	5194061				DE	NIA	of America			TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America					
			26-4750562	4600846			Occator Agricultural Properties, LLC	DE	NIA	of America	Ownership	100.000	TIAA Board of Overseers	N	
			46-1768969	4611860			AGR Agricultural Investments, LLC	DE	NIA	Occator Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4643861			Ridley Corporation Limited	AUS	NIA	AGR Agricultural Investments	Influence		TIAA Board of Overseers	N	
				5106475			Mandala Food Co-Investment Holdings II SPV	MUS	NIA	Occator Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			45-1125143	4628608			Materra, LLC	CA	NIA	Occator Agricultural Properties, LLC	Influence		TIAA Board of Overseers	N	
			26-4621336	4644475			Teays River Investments, LLC	DE	NIA	Occator Agricultural Properties, LLC	Influence		TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America					
			26-4248579	4313025			Oleum Holding Company, Inc.	DE	NIA	of America	Ownership	100.000	TIAA Board of Overseers	Y	
							2234328 Alberta ULC	CAN	NIA	Oleum Holding Company, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
							Polar Star Canadian Oil and Gas Holding, Inc	CAN	NIA	Oleum Holding Company, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
				4313100						Polar Star Canadian Oil and Gas Holding, Inc					
				4612755			Adastra Management, Inc.	CAN	NIA		Management		TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America					
			85-1933477				Otto's South Vineyard, LLC	DE	NIA	of America	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America					
			26-3821015	4630133			Pinnacle Third Avenue, LP	DE	NIA	of America	Influence		TIAA Board of Overseers	N	

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			81-6646838	5018644			Primary Residential Individual Mortgage Entity Trust	.DE	.NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			45-2792614	4601142			Renewable Timber Europe, LLC	.DE	.NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
				4990994			Renewable Timber Netherlands B.V.	.POL	.NIA	Renewable Timber Europe, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				4614713			Topola Lasy Spolka z.o.o.	.POL	.NIA	Renewable Timber Netherlands B.V.	Ownership	100.000	TIAA Board of Overseers	.N	
			61-1640765	4601759			Renewable Timber Resources, LLC	.DE	.NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
				4611927			Forestal y Agrícola Silvoligna Chile Limitada	.CHL	.NIA	Renewable Timber Resources, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			03-0543113	4868637			Siguler Guff Third Avenue, L.P.	.DE	.NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
				4858629			Social Infra, LLC	.DE	.NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
				4630601			Stichting Bewaarder Ziemia Fund	.NLD	.NIA	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	.N	
			81-2525521	4998468			T-C 400 Montgomery, LLC	.DE	.NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
				5077128			400 Montgomery Investors, LLC	.DE	.NIA	T-C 400 Montgomery, LLC	Ownership	97.500	TIAA Board of Overseers	.N	
			27-4123754	4601777			T-C 685 Third Avenue Member, LLC	.DE	.NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			27-3095569	4644000	1510620		T-C 685 Third Avenue, LLC	.DE	.NIA	T-C 685 Third Avenue Member, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			61-1754745	4843915			T-C 685 Third Avenue Owner LLC	.DE	.NIA	T-C 685 Third Avenue, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-4969690	4653972			T-C 699 Bourke Street LLC	.DE	.NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			81-2490530	4998431			T-C Australia RE Holdings I, LLC	.DE	.NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			81-2506975	5003426			T-C Australia RE Holdings II, LLC	.DE	.NIA	T-C Australia RE Holdings I, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				5084966			TIAA Australia Real Estate Trust	.AUS	.NIA	T-C Australia RE Holdings II, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				5195255			TGA Miller Holding Trust	.AUS	.NIA	TIAA Australia Real Estate Trust	Ownership	100.000	TIAA Board of Overseers	.N	
				5201820			TGA Miller Street Trust	.AUS	.NIA	TGA Miller Holding Trust	Ownership	100.000	TIAA Board of Overseers	.N	
				5085749			TIAA Melbourne Retail Holding 1 Trust	.AUS	.NIA	TIAA Australia Real Estate Trust	Ownership	100.000	TIAA Board of Overseers	.N	
				5087891			TIAA Melbourne Retail Asset 1 Trust	.AUS	.NIA	TIAA Melbourne Retail Holding 1 Trust	Ownership	100.000	TIAA Board of Overseers	.N	
							TGA Australia Real Estate Trust 2	.AUS	.NIA	T-C Australia RE Holdings II, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							TGA PBSA Hold Trust	.AUS	.NIA	TGA Australia Real Estate Trust 2	Ownership	100.000	TIAA Board of Overseers	.N	
							TGA PBSA Asset Trust 1	.AUS	.NIA	TGA PBSA Hold Trust	Ownership	100.000	TIAA Board of Overseers	.N	
							TGA PBSA Asset Trust 2	.AUS	.NIA	TGA PBSA Hold Trust	Ownership	100.000	TIAA Board of Overseers	.N	
							TGA PBSA Asset Trust 3	.AUS	.NIA	TGA PBSA Hold Trust	Ownership	100.000	TIAA Board of Overseers	.N	
							TGA PBSA Asset Trust 2	.AUS	.NIA	TGA Australia Real Estate Trust 2	Ownership	100.000	TIAA Board of Overseers	.N	
							TGA PBSA Asset Trust 4	.AUS	.NIA	TGA PBSA Hold Trust 2	Ownership	100.000	TIAA Board of Overseers	.N	
			47-2363168	4794503			T-C Europe Holding Inc.	.DE	.NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			47-2369576	4794473			T-C Europe LP	.DE	.NIA	T-C Europe Holding Inc.	Ownership	1.000	TIAA Board of Overseers	.N	3100
			47-2369576	4794473			T-C Europe LP	.DE	.NIA	Teachers Insurance and Annuity Association of America	Ownership	99.000	TIAA Board of Overseers	.N	3100
				4843410			T-C Europe S.à r.l.	.LUX	.NIA	T-C Europe LP	Ownership	100.000	TIAA Board of Overseers	.N	
				4873501			Nightingale LuxCo S.à r.l.	.LUX	.NIA	T-C Europe S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4874665			T-C Nordics Investment AB	.SWE	.NIA	Nightingale LuxCo S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4908391			Sweden Nova Lund 1 AB	.SWE	.NIA	T-C Nordics Investment AB	Ownership	100.000	TIAA Board of Overseers	.N	
				4908403			Sweden Nova Lund 2 AB	.SWE	.NIA	T-C Nordics Investment AB	Ownership	100.000	TIAA Board of Overseers	.N	
				4841443			T-C Luxembourg Neptune Holdings S.à r.l.	.LUX	.NIA	T-C Europe S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4841993			T-C Neptune Holdings S. à r.l.	.LUX	.NIA	T-C Luxembourg Neptune Holdings S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4843401			Neptune Property Venture S.à r.l.	.LUX	.NIA	T-C Neptune Holdings S. à r.l.	Ownership	61.800	TIAA Board of Overseers	.N	
							Castel Guelfo I SRL	.ITA	.NIA	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Loca-tion	Rela-tion-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
				4908364			Neptune Holding Spain, S.L.	.ESP	NIA	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4912709			Promcat Alternativa, S.L.	.ESP	NIA	Neptune Holding Spain, S.L.	Ownership	100.000	TIAA Board of Overseers	.N	
				5083651			Neptune Madrid Holdco S.L.	.ESP	NIA	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				5085691			Neptune Nassica Propco S.L.	.ESP	NIA	Neptune Madrid Holdco S.L.	Ownership	100.000	TIAA Board of Overseers	.N	
				5085703			Neptune Getafe Propco S.L.	.ESP	NIA	Neptune Madrid Holdco S.L.	Ownership	100.000	TIAA Board of Overseers	.N	
				5084920			Neptune Las Rozas Outlet S.L.	.ESP	NIA	Neptune Madrid Holdco S.L.	Ownership	100.000	TIAA Board of Overseers	.N	
				5084939			Neptune San Sebastian Outlet S.L.	.ESP	NIA	Neptune Madrid Holdco S.L.	Ownership	100.000	TIAA Board of Overseers	.N	
				4948687			Neptune OPC1 SAS	.FRA	NIA	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4952648			Roppenheim Holding SAS	.FRA	NIA	Neptune OPC1 SAS	Ownership	100.000	TIAA Board of Overseers	.N	
				4901383			Roppenheim Outlet SNC	.FRA	NIA	Roppenheim Holding SAS	Ownership	99.990	TIAA Board of Overseers	.N	3200
				5195291			Neptune Polish HoldCo 2 B.V.	.NLD	NIA	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				5198779			Neptune Ursus SP. z.o.o.	.POL	NIA	Neptune Polish HoldCo 2 B.V.	Ownership	100.000	TIAA Board of Overseers	.N	
				4908373			Neptune Polish Property Venture BV	.NLD	NIA	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4912736			Neptune Krakow SP. z.o.o.	.POL	NIA	Neptune Polish Property Venture BV	Ownership	100.000	TIAA Board of Overseers	.N	
				4912745			Neptune Annapol SP. z.o.o.	.POL	NIA	Neptune Polish Property Venture BV	Ownership	100.000	TIAA Board of Overseers	.N	
				5083633			Neptune Poznan SP. z.o.o.	.POL	NIA	Neptune Polish Property Venture BV	Ownership	100.000	TIAA Board of Overseers	.N	
							Neptune Property Holding S.à r.l.	.LUX	NIA	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
							Neptune Amsterdam B.V.	.NLD	NIA	Neptune Property Holding S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4949095			Silesia Outlet sp. z o o	.POL	NIA	Neptune Property Holding S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4901383			Neptune Roppenheim Holding S.à r.l	.FRA	NIA	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				5083642			Roppenheim Outlet SNC	.FRA	NIA	Neptune Roppenheim Holding S.à r.l	Ownership	0.010	TIAA Board of Overseers	.N	3200
							Neptune Vicolungo I S.r.l.	.ITA	NIA	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				45-2877772	4601786		T-C GA Real Estate Holdings, LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
				46-0959792	4611936		8 Spruce Street GA Investor, LLC	.DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				46-1403221	4619567		FC 8 Spruce Holdings, LLC	.DE	NIA	8 Spruce Street GA Investor, LLC	Influence		TIAA Board of Overseers	.N	
					4511867		FC 8 Spruce Street Residential, LLC	.NY	NIA	FC 8 Spruce Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				84-2144204			2300 Broadway Storage Operator LLC	.DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				82-1419222	5194360		Nuveen Global Cities REIT, Inc.	.MD	NIA	T-C GA Real Estate Holdings, LLC	Ownership	78.940	TIAA Board of Overseers	.N	
				82-1502883	5198788		Nuveen Global Cities REIT LP, LLC	.DE	NIA	Nuveen Global Cities REIT, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
				82-1507998	5198797		Nuveen Global Cities REIT OP, LP	.DE	NIA	Nuveen Global Cities REIT, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
							NR 1 National Street LLC	.DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
				82-3527067	5205060		NR 844 North LLC	.DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
				84-3576911			NR 9725 Datapoint Drive LLC	.DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
							NR APCF Investor Ltd.	.CYM	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
				82-5519657			NR Devoor Hills LLC	.DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
				82-3539243	5205088		NR Denver Industrial Portfolio LLC	.DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
				83-3651003			NR East Segó Lily LLC	.DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
							NR ECF Investor Ltd.	.CYM	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
				84-3175301			NR Globe Street Industrial LLC	.DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
				83-1495411			NR Henderson 215 LLC	.DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
				82-3556058	5205079		NR Kirkland Crossing LLC	.DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
				83-1815798			NR Main Street at Kingwood LLC	.DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
							NR Massachusetts REIT Member LLC	.DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
				82-5503093			NR Tacara at Steiner Ranch LLC	.DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
				83-4299885			Nuveen Global Cities REIT Lending, LLC	.DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
				47-1535030	4750022		T-C 2 Herald Square Member LLC	.DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				47-1650509	4751711		T-C 2 Herald Square Venture LLC	.DE	NIA	T-C 2 Herald Square Member LLC	Ownership	51.000	TIAA Board of Overseers	.N	
				47-1488131	4753573	1629144	T-C 2 Herald Square Owner LLC	.DE	NIA	T-C 2 Herald Square Venture LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				27-2952349	4612045		T-C 1101 Pennsylvania Avenue LLC	.DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				27-2952617	4651398		T-C 1101 Pennsylvania Avenue Venture LLC	.DE	NIA	T-C 1101 Pennsylvania Avenue LLC	Ownership	51.000	TIAA Board of Overseers	.N	
				27-2952860	4863472	1577584	T-C 1101 Pennsylvania Avenue Owner LLC	.DE	NIA	T-C 1101 Pennsylvania Avenue Venture LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				46-1851206	4611954		T-C 33 Arch Street Member, LLC	.DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				46-1805501	4613985		T-C 33 Arch Street Venture, LLC	.DE	NIA	T-C 33 Arch Street Member, LLC	Ownership	51.000	TIAA Board of Overseers	.N	

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Per-centage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			45-2792699	4617198	1577586		T-C 33 Arch Street, LLC	DE	NIA	T-C 33 Arch Street Venture, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1754709	4612018			T-C 470 Park Avenue South Member LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1744112	4613994			T-C 470 Park Avenue South Venture LLC	DE	NIA	T-C 470 Park Avenue South Member LLC	Ownership	51.000	TIAA Board of Overseers	N	
			46-1828055	4612036			T-C 475 Fifth Avenue Member, LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1839003	4614889			T-C 475 Fifth Avenue Venture LLC	DE	NIA	T-C 475 Fifth Avenue Member, LLC	Ownership	51.000	TIAA Board of Overseers	N	
			45-3229803	4617330	1577564		T-C 475 Fifth Avenue, LLC	DE	NIA	T-C 475 Fifth Avenue Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2189075	4763312			T-C 800 17th Street NW Member LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2118640	4763787			T-C 800 17th Street NW Venture LLC	DE	NIA	T-C 800 17th Street NW Member LLC	Ownership	50.100	TIAA Board of Overseers	N	
			47-2069910	4767730	1629146		T-C 800 17th Street NW Owner LLC	DE	NIA	T-C 800 17th Street NW Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-4665824	4904366			T-C 888 Brannan Member LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-4684031	4904955			T-C 888 Brannan Venture LLC	DE	NIA	T-C 888 Brannan Member LLC	Ownership	50.100	TIAA Board of Overseers	N	
			47-4674147	4908319			T-C 888 Brannan Owner LLC	DE	NIA	T-C 888 Brannan Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-5605380	4971845			T-C 888 Brannan TRS, LLC	DE	NIA	T-C 888 Brannan Owner LLC	Ownership	100.000	TIAA Board of Overseers	N	
			45-3479701	4612081			T-C 2300 Broadway, LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1220681	4612139			T-C Aspira LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1791581	4612054			T-C Franklin Square Member, LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1794486	4615569			T-C Franklin Square Venture LLC	DE	NIA	T-C Franklin Square Member, LLC	Ownership	51.000	TIAA Board of Overseers	N	
			26-0011770	4617611	1577581		TIAA Franklin Square, LLC	DE	NIA	T-C Franklin Square Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2023405	4763303			T-C Hall of States Member LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2043468	4763796			T-C Hall of States Venture LLC	DE	NIA	T-C Hall of States Member LLC	Ownership	50.100	TIAA Board of Overseers	N	
			47-2034237	4767749	1629145		T-C Hall of States Owner LLC	DE	NIA	T-C Hall of States Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			45-4045658	4612148			T-C Kings Crossing, LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1120016	4601973			T-C Legacy Place Member, LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-0876833	4628550			Legacy Place Associates, LLC	MA	NIA	T-C Legacy Place Member, LLC	Ownership	50.000	TIAA Board of Overseers	N	
							300 Legacy Place Boulevard LLC	DE	NIA	Legacy Place Associates, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Legacy Place Properties, LLC	MA	NIA	Legacy Place Associates, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2903922	4843326			T-C Republic Square Member LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2867784	4843979			T-C Republic Square Venture LLC	DE	NIA	T-C Republic Square Member LLC	Ownership	50.100	TIAA Board of Overseers	N	
			47-3033681	4844659			T-C Republic Square REIT LLC	DE	NIA	T-C Republic Square Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-3091198	4844798			T-C Republic Square Mezzanine LLC	DE	NIA	T-C Republic Square REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2793452	4847735			T-C Republic Square Owner LLC	DE	NIA	T-C Republic Square Mezzanine LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-1379500	4749969			The Flats Holding Company LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-1347366	4752503			The Flats 130 DC Residential LLC	DE	NIA	The Flats Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-1363564	4752512			The Flats 140 DC Residential LLC	DE	NIA	The Flats Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-1367530	4751766			The Flats DC Grocery LLC	DE	NIA	The Flats Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			46-4567368	4651473			T-C JK I, LLC	DE	NIA	T-C JK I, LLC	Ownership	51.000	TIAA Board of Overseers	N	3300
				4680316			Adeoti Empreendimentos Imobiliários Ltda	BRA	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	49.000	TIAA Board of Overseers	N	3300
			46-4587620	4651482			T-C JK II, LLC	DE	NIA	T-C JK II, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4680316			Adeoti Empreendimentos Imobiliários Ltda	BRA	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			47-4095803	4864022			T-C Lux Fund Holdings LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							T-C Lux Investments Special Limited Partnership	LUX	NIA	T-C Lux Fund Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4896256			Partnership	LUX	NIA	T-C Lux Investments Special Limited Partnership	Influence		TIAA Board of Overseers	N	1200
							European Cities Partnership SCSp	LUX	NIA	T-C Lux Investments Special Limited Partnership	Ownership	24.300	TIAA Board of Overseers	N	2100
				4894805			Global Real Estate Debt Partners Fund I (UK)	LUX	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-4583865	5137956			T-C MV Member LLC	DE	NIA	T-C MV Member LLC	Ownership	99.900	TIAA Board of Overseers	N	
			81-4599024	5147049			T-C M-T REIT LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							T-C MV Member II LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			84-3224525				T-C M-T REIT II LLC	DE	NIA	T-C MV Member II LLC	Ownership	51.000	TIAA Board of Overseers	N	
			85-2937933				T-C MT II Originations TRS LLC	DE	NIA	T-C M-T REIT II LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-1954609	4759605			T-C Mt. Ommaney Centre Holding Company LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			47-1828871	4749905			T-C Mt. Ommaney Centre LLC	DE	NIA	T-C Mt. Ommaney Centre Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-1023309	5117800			T-C Permian Investor LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			46-3007720	4599874			T-C SBMC Joint Venture LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			36-4620008	4599128			T-C SMA 2, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			36-4619998	4634029			PennMuni-TIAA U.S. Real Estate Fund, LLC	DE	NIA	T-C SMA 2, LLC	Management		TIAA Board of Overseers	N	
			81-2204918	4990976			T-C The Edge at Flagler Village, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-2676934	5012370			T-C UK RE Holdings I, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-2691474	5014299			T-C UK RE Holdings II, LLC	DE	NIA	T-C UK RE Holdings I, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3299073	5018635			T-C UK RE Holdings III, LLC	DE	NIA	T-C UK RE Holdings II, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				5044586			Thurrock Retail Park Unit Trust	JEY	NIA	T-C UK RE Holdings III, LLC	Ownership	99.500	TIAA Board of Overseers	N	3400
				5044586			Thurrock Retail Park Unit Trust	JEY	NIA	T-C UK RE Holdings II, LLC	Ownership	0.500	TIAA Board of Overseers	N	3400
			47-3148337	4894869			T-C U.S. Super Regional Mall Fund LP	DE	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
			47-5379777	4925512			T-C Waterford Blue Lagoon General Partner, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			47-5392075	4927785			Waterford Blue Lagoon LP	DE	NIA	T-C Waterford Blue Lagoon General Partner, LLC	Ownership	1.000	TIAA Board of Overseers	N	3500
			47-5375805	4925503			T-C Waterford Blue Lagoon, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			47-5392075	4927785			Waterford Blue Lagoon LP	DE	NIA	T-C Waterford Blue Lagoon, LLC	Ownership	50.000	TIAA Board of Overseers	N	3500
			81-0779817	4930226			Westland At Waterford REIT General Partner LLC	DE	NIA	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5321319	4930196			Westland At Waterford REIT LP	DE	NIA	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5635267	4933003			Westland At Waterford General Partner LLC	DE	NIA	Westland At Waterford REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5580924	4932994			Westland At Waterford Operating LP	DE	NIA	Westland At Waterford REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
				4930244			Waterford Blue Lagoon REIT General Partner LLC	DE	NIA	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5305678	4930208			Waterford Blue Lagoon REIT LP	DE	NIA	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5642524	4933067			5201-5301 Waterford General Partner LLC	DE	NIA	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5541032	4933012			5201-5301 Waterford Operating LP	DE	NIA	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5672651	4933076			5200 Waterford General Partner LLC	DE	NIA	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5498897	4933021			5200 Waterford Operating LP	DE	NIA	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-0722154	4933085			1000 Waterford General Partner LLC	DE	NIA	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5479437	4933030			1000 Waterford Operating LP	DE	NIA	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5445045	4933115			701-703 Waterford General Partner LLC	DE	NIA	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5471474	4933049			701-703 Waterford Operating LP	DE	NIA	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			82-2631273	5165557			Waterford Core REIT General Partner LLC	DE	NIA	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	N	
			82-2646233	5165566			Waterford Core REIT LP	DE	NIA	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	N	
							Waterford Core 800 REIT General Partner LLC	DE	NIA	Waterford Core REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			84-3541603				Waterford Core 800 REIT LP	DE	NIA	Waterford Core REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-0733012	4930217			Waterford Core General Partner LLC	DE	NIA	Waterford Core 800 REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5587163	4928661			Waterford Core Operating LP	DE	NIA	Waterford Core 800 REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			82-2663579	5165548			Waterford Core II Operating LP	DE	NIA	Waterford Core REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			82-2672297	5165539			Waterford Core II General Partner LLC	DE	NIA	Waterford Core REIT LP	Ownership	100.000	TIAA Board of Overseers	N	

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			81-2146865	5041688			TEFF Holdco LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			98-1310748	5041660			TIAA European Farmland Fund GP LP	.CYM	NIA	TEFF Holdco LLC	Ownership	50.000	TIAA Board of Overseers	.N	400
			98-1310748	5042658			TIAA European Farmland Fund LP	.CYM	NIA	TEFF Holdco LLC	Management		TIAA Board of Overseers	.N	
				5043066			TEFF Holding S.a.r.l	.LUX	NIA	TIAA European Farmland Fund LP	Ownership	100.000	TIAA Board of Overseers	.N	
				5044607			TEFF Investments B.V.	.NLD	NIA	TEFF Holding S.a.r.l	Ownership	100.000	TIAA Board of Overseers	.N	
							Areal III Spolka z o.o.	.POL	NIA	TEFF Investments B.V.	Ownership	100.000	TIAA Board of Overseers	.N	
							Hodowla Zwierząt Zarodowych Choczewo Spolka z o.o.	.POL	NIA	Areal III SP. z o.o.	Ownership	100.000	TIAA Board of Overseers	.N	
							Hodowla Zwierząt Zarodowych Wierzychucino Spolka z o.o.	.POL	NIA	Areal III SP. z o.o.	Ownership	100.000	TIAA Board of Overseers	.N	
							Hodowla Zwierząt Zarodowych Zarnowiec Spolka z o.o.	.POL	NIA	Areal III SP. z o.o.	Ownership	100.000	TIAA Board of Overseers	.N	
				5093856			Dangro Invest SA	.DNK	NIA	TEFF Investments B.V.	Ownership	100.000	TIAA Board of Overseers	.N	
				5116456			AGAT Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117408			AGRA Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5116447			AGRAMAX Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5116429			AGRIFARM Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117332			AGRO – DUBLINY SP. z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117417			AGROLAND Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117341			AGROSERVICE Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117350			AMAL Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
							CISY Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117369			KOLNO Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117378			MILKOWO Sp. Z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117396			SATOPY Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117387			SEE-AGRO SP. z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117695			SOBIERADZ Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5104556			Pszenrol SA	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117435			BUDUS Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117798			LOZICE Sp. z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5116492			OGARDY SP. z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117640			ROLA Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117659			ROLPOL Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117668			ROLZBUD Spolka z o.o	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5116465			SZAFIR Sp. z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117761			WALICHNOWY Sp. z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117770			WEZINY SP. z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117789			ZIEMROL Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5098486			Adamas SA	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5116586			AMBER SP. z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117444			CIESZYSLAW SP z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5116522			JAROSLAWSKO I SP. z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5116513			JAROSLAWSKO II SP. z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117462			JASIONNO Spolka z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5116483			OPAL SP z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Overseers	.N	
							TETRYI SP. z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Overseers	.N	
							Gospodarstwo Okopy Sp. z o.o.	.POL	NIA	TEFF Investments B.V.	Ownership	100.000	TIAA Board of Overseers	.N	
							Agrohop Bielice Sp. z o.o.	.POL	NIA	Gospodarstwo Okopy Sp. z o.o.	Ownership	100.000	TIAA Board of Overseers	.N	
							Agrohop Service Sp. z o.o.	.POL	NIA	Agrohop Bielice Sp. z o.o.	Ownership	100.000	TIAA Board of Overseers	.N	
							Agrohop Sp. z o.o.	.POL	NIA	Agrohop Bielice Sp. z o.o.	Ownership	100.000	TIAA Board of Overseers	.N	
							Agrohop Bis Sp. z o.o.	.POL	NIA	Agrohop Sp. z o.o.	Ownership	100.000	TIAA Board of Overseers	.N	
							Cieszanowice Solar Park sp. z o.o.	.POL	NIA	Gospodarstwo Okopy Sp. z o.o.	Ownership	100.000	TIAA Board of Overseers	.N	
							Przedsiębiorstwo Rolne Okopy Sp. z o.o.	.POL	NIA	Gospodarstwo Okopy Sp. z o.o.	Ownership	100.000	TIAA Board of Overseers	.N	

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Perce-n-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			84-3332496				TGA 10th Street Business Park LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			82-1645257	5183412			TGA 127-137 Franklin LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-2769108	5012389			TGA 299 Franklin LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-3988795	5049479			TGA 600 College Road LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			83-2548459				TGA 730 Third Avenue Owner LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			83-2957526				TGA 3401 North Ashton Blvd LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			82-4830474				TGA 3851 Grandpine Way LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			82-2225812				TGA APAC Fund Holdings, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			82-2311300				Asia Pacific Cities Fund, FCP	LUX	NIA	TGA APAC Fund Holdings, LLC	Ownership	27.700	TIAA Board of Overseers	N	3600
							TGA Real Estate Fund Holdings, LLC	DE	NIA	TGA APAC Fund Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Asia Pacific Cities Fund, FCP	LUX	NIA	TGA Real Estate Fund Holdings, LLC	Ownership	27.700	TIAA Board of Overseers	N	3600
			84-3830265				TGA Auburn Business Park LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3285557				TGA Aurora DC III LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3475931				TGA Baltimore IC LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			83-1851559				TGA Barnes Canyon Life Science LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			85-3076626				TGA Beachview Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3303586				TGA Beckwith Farms LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3314123				TGA Bedford Park LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3441362				TGA Bridge Point LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-2939313				TGA Cactus DC I LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-2939493				TGA Cactus DC II LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3523623				TGA Capital Beltway CC LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3487859				TGA Center Square DC LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3314029				TGA Centerpointe LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			83-3799476				TGA Central Green LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-4376282				TGA Central Square Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-4880676				TGACSE Central Square Holdings LLC	DE	NIA	TGA Central Square Investor Member LLC	Ownership	95.000	TIAA Board of Overseers	N	
			84-4893448				TGACSE Central Square LLC	DE	NIA	TGACSE Central Square Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-4923976				TGACSE Midwood Corners LLC	DE	NIA	TGACSE Central Square Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-4893383				TGACSE Morningside LLC	DE	NIA	TGACSE Central Square Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-4924033				TGACSE Triangle LLC	DE	NIA	TGACSE Central Square Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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			83-0780652				TGA Connections at Athens Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			61-1892161				PEP-TH Athens, LLC	DE	NIA	TGA Connections at Athens Investor Member LLC	Ownership	98.000	TIAA Board of Overseers	N	
			83-1011298				PEP Athens, LLC	DE	NIA	PEP-TH Athens, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			85-1065983				TGA Creekside Village Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							TGA East Coronado Industrial LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							TGA East Miraloma Industrial LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							TGA Eastridge Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							TGA King EastRidge Venture LLC	DE	NIA	TGA Eastridge Investor Member LLC	Ownership	95.000	TIAA Board of Overseers	N	
							TGA King EastRidge Owner LLC	DE	NIA	TGA King EastRidge Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
							TGA Emerald Corporate Park LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3502383				TGA Englewood DC LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			83-2810033				TGA European RE Holdings I, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							Eagle GPCo S.à r.l.	LUX	NIA	TGA European RE Holdings I, LLC	Ownership	89.500	TIAA Board of Overseers	N	
							Eagle Partnership SCSp	LUX	NIA	TGA European RE Holdings I, LLC	Ownership	89.500	TIAA Board of Overseers	N	
							Eagle JVCo S.à r.l.	LUX	NIA	Eagle Partnership SCSp	Ownership	100.000	TIAA Board of Overseers	N	
							CB Krieau Dzwei GmbH	AUT	NIA	Eagle JVCo S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
							Viertel Zwei Entwicklung GmbH & Co								
							Stuenthouse KG	AUT	NIA	CB Krieau Dzwei GmbH	Ownership	6.000	TIAA Board of Overseers	N	3700
							Eagle Austria Holdings S.à r.l.	LUX	NIA	Eagle JVCo S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
							Viertel Zwei Entwicklung GmbH & Co								
							Stuenthouse KG	AUT	NIA	Eagle Austria Holdings S.à r.l.	Ownership	94.000	TIAA Board of Overseers	N	3700
							Stuenthouse Rua Manuel Pereira, S.A	PRT	NIA	Eagle JVCo S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
							TK Living GPCo Sarl	LUX	NIA	TGA European RE Holdings I, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							TK Living Partnership SCSp	LUX	NIA	TGA European RE Holdings I, LLC	Ownership	90.000	TIAA Board of Overseers	N	
							TK Living JVCo Sarl	LUX	NIA	TK Living Partnership SCSp	Ownership	100.000	TIAA Board of Overseers	N	
				5049497			TGA FC Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			82-2708488				Fenway Center Holding 1-2, LLC	DE	NIA	TGA FC Investor Member LLC	Ownership	50.000	TIAA Board of Overseers	N	
			82-2708488				Fenway Center Owner 1-2, LLC	DE	NIA	Fenway Center Holding 1-2, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-3523773				TGA Franklin Square IC I LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3523813				TGA Franklin Square IC II LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3332846				TGA Freeport DC LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							TGA Greenstone Logistics Center LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3463522				TGA Hagerstown DC LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3475313				TGA Hollins End LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3523721				TGA I-95 DC LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-3602072	5040551			TGA Japan Holdings, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Loca-tion	Rela-tion-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
				5047710			TGA Japan Holdings Pte Ltd	SGP	NIA	TGA Japan Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				5048771			TGA Japan GK Holdings Pte Ltd	SGP	NIA	TGA Japan Holdings Pte Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				5048762			TGA Ginza 115 Holdings Pte Ltd	SGP	NIA	TGA Japan Holdings Pte Ltd	Ownership	100.000	TIAA Board of Overseers	N	
			84-3718861				TGA JL Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-4376472				TGA JL II Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							661 Dulles Park CT PJV, LLC	DE	NIA	TGA JL II Investor Member LLC	Ownership	95.000	TIAA Board of Overseers	N	
							TGA JL Potomac Vista Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3523582				TGA Landover DC LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							TGA Maryland Farms Holdings LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Cities Office Fund Maryland Farms Co-Invest	DE	NIA	TGA Maryland Farms Holdings LLC	Ownership	49.000	TIAA Board of Overseers	N	1000
			84-2765297				TGA MH Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			82-1169084				TGA MKP Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			82-1198745				TGA MKP Venture LLC	DE	NIA	TGA MKP Member LLC	Ownership	60.000	TIAA Board of Overseers	N	
			82-1187131				TGA MKP REIT LLC	DE	NIA	TGA MKP Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
				5075722			TGA Montague Investor Member, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				5093780			RCD TGA Pierrepont Partners LLC	DE	NIA	TGA Montague Investor Member, LLC	Ownership	51.600	TIAA Board of Overseers	N	
			81-3542251	5040542			TGA Montrose Residences Investor Member, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-2872565	5047635			The Residences at La Colombe d'Or Investors LLC	DE	NIA	TGA Montrose Residences Investor Member, LLC	Ownership	90.000	TIAA Board of Overseers	N	
							TGA MS Self Storage Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			83-1916152				Morningstar NRE Self Storage Portfolio LLC	DE	NIA	TGA MS Self Storage Investor Member LLC	Ownership	90.000	TIAA Board of Overseers	N	
			83-2379583							Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Bentonville, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Boerne, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Buda, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Carolinas, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Dam Storage, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Evans Rd, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Greenhouse, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Highway 521 Storage, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Kemps Landing, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Midtown Atlanta, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC MTP, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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							MSC Peachtree, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000	TIAA Board of Overseers	N	
							MSC South End, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000	TIAA Board of Overseers	N	
							MSC Spring Branch, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000	TIAA Board of Overseers	N	
							MSC SW Austin, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000	TIAA Board of Overseers	N	
							MSC Tallahassee, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000	TIAA Board of Overseers	N	
							MSC Yorktown, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000	TIAA Board of Overseers	N	
			83-4153778				TGA Near East LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	N	
			85-1291326				TGA Nex Investor LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	N	
							TGA NJAHP Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	N	
							NJAHP Preservation Associates JV LLC	DE	NIA	TGA NJAHP Investor Member LLC	Ownership.....	90.440	TIAA Board of Overseers	N	
							TGA NJAHP II Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	N	
							HVPF NJ BX, LLC	DE	NIA	TGA NJAHP II Investor Member LLC	Ownership.....	90.000	TIAA Board of Overseers	N	
			85-2859128				TGA NYCAHP I Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	N	
							Hudson Valley Preservation Fund II, LLC	DE	NIA	TGA NYCAHP I Investor Member LLC	Ownership.....	88.800	TIAA Board of Overseers	N	
							TGA North Miller Industrial LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	N	
							TGA North Orange Industrial LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	N	
			83-1934291				TGA Oak View Mall LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	N	
			84-4774106				TGA OHare Logistics Center IV LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	N	
			84-3254652				TGA Park 355 LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	N	
			84-3254103				TGA Park 55 LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	N	
			84-3254979				TGA Park 88 LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	N	
			83-3250233				TGA Pleasant Prairie Center LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	N	
			84-3285659				TGA Prairie Point LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	N	
							TGA Renton Park 405 LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	N	
			83-2938932				TGA Sandy Commerce Park LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	N	
			84-3487605				TGA Somerset IC LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	N	
			84-3476142				TGA Somerset IC II LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	N	
			85-2863856				TGA Sparrow Investor LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	N	
							Sparrow Realty Investment I LLC	DE	NIA	TGA Sparrow Investor LLC	Ownership.....	95.000	TIAA Board of Overseers	N	

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			83-2063402				TGA SP-MPC Housing Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			83-2147240				TGA-SP Housing Venture I LLC	DE	NIA	TGA SP-MPC Housing Investor Member LLC	Ownership	87.500	TIAA Board of Overseers	N	
			83-2123785				TGA SP-MPC Housing Venture I LLC	DE	NIA	TGA-SP Housing Venture I LLC	Ownership	97.000	TIAA Board of Overseers	N	
			83-1869400				MPSP Ashwood Homes LLC	DE	NIA	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Overseers	N	
										Morningstar NRE Self Storage Portfolio LLC					
			83-1869494				MPSP Ashwood MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2331138				MPSP Beltline Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2345909				MPSP Beltline Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2216330				MPSP Beltline MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1088601				MPSP Center Grove Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2290040				MPSP Center Grove Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1076792				MPSP Center Grove MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2158715				MPSP Colinas South Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2158791				MPSP Colinas South Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2169896				MPSP Colinas South MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2169973				MPSP Estancia Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2277681				MPSP Estancia Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-1976109				MPSP Estancia MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-4260197				MPSP Fairlane Oaks Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-4283444				MPSP Fairlane Oaks Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-4241248				MPSP Fairlane Oaks MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2290488				MPSP Lakeview Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2319726				MPSP Lakeview Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2199063				MPSP Lakeview MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1213262				MPSP Lemon Tree Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2548459				MPSP Lemon Tree MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1230821				MPSP Mobile Gardens Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1230714				MPSP Mobile Gardens MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2379528				MPSP Parker Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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			84-2389423				MPSP Parker Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2247177				MPSP Parker MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2277774				MPSP Seven Oaks Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2290439				MPSP Seven Oaks Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2198856				MPSP Seven Oaks MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2700633				MPSP Shiloh Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2725391				MPSP Shiloh Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2700544				MPSP Shiloh MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2428644				MPSP South Concho Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2436652				MPSP South Concho Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2261982				MPSP South Concho MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2736822				MPSP Stonegate Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2736936				MPSP Stonegate Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2725560				MPSP Stonegate MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2319873				MPSP TC GH Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2331064				MPSP TC GH Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2216156				MPSP TC GH MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2389479				MPSP TC Sherman Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2428588				MPSP TC Sherman Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2247220				MPSP TC Sherman MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2345969				MPSP Wildwood Acres Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2361787				MPSP Wildwood Acres Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2239609				MPSP Wildwood Acres MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2361842				MPSP Wildwood Village Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2379481				MPSP Wildwood Village Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2239646				MPSP Wildwood Village MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2848324				MPSP Windsong Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Loca-tion	Rela-tion-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			83-2848439				MPSP Windsong Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2861026				MPSP Windsong MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-3255382				TGA Sterling DC LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			85-3509669				TGA The Apartments at Blakeney LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3093962				TGA The Warehouse At CH Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3055465				TGAP The Warehouse At CH Owner LLC	DE	NIA	TGA The Warehouse At CH Investor Member LLC	Ownership	98.500	TIAA Board of Overseers	N	
			84-3055701				TGAP The Warehouse At CH LLC	DE	NIA	TGAP The Warehouse At CH Owner LLC	Ownership	100.000	TIAA Board of Overseers	N	
							TGA Tri-State Commerce Center LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3830895				TGA Van Dorens West LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3441798				TGA Vista Point South LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3527380				TGA Washington DC CC LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-2939589				TGA Westport Distribution Center LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			83-0723201				TGA Yorktown Apartments LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-1994278	5018626			TGAM Agribusiness Fund LP	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	99.700	TIAA Board of Overseers	N	
			82-2826183				TIAA Administrative Services LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4900500			TIAA CLO I Ltd	CYM	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
				5049965			TIAA CLO I LLC	DE	NIA	TIAA CLO I Ltd	Ownership	100.000	TIAA Board of Overseers	N	
			84-1905731				TIAA CLO I Holding, LLC	DE	NIA	TIAA CLO I Ltd	Ownership	100.000	TIAA Board of Overseers	N	
							TIAA CLO II Ltd	CYM	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
							TIAA CLO II LLC	DE	NIA	TIAA CLO II Ltd	Ownership	100.000	TIAA Board of Overseers	N	
			84-1921751				TIAA CLO II Holding, LLC	DE	NIA	TIAA CLO II Ltd	Ownership	100.000	TIAA Board of Overseers	N	
							TIAA CLO III Ltd	CYM	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
							TIAA CLO III LLC	DE	NIA	TIAA CLO III Ltd	Ownership	100.000	TIAA Board of Overseers	N	
							TIAA CLO IV Ltd	CYM	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
							TIAA CLO V Ltd	CYM	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
			13-4173396	4599203			TIAA CMBS I, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			13-4173396	4602774			TIAA CMBS I Trust	DE	NIA	TIAA CMBS I, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-4570655	4900498			TIAA Diversified Public Investments, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			90-0615674	3838857	1502749		TIAA FSB Holdings, Inc.	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	Y	
							Everbank Funding, LLC	DE	NIA	TIAA FSB Holdings, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			59-3531592	2735146			TIAA, FSB	US	NIA	TIAA FSB Holdings, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			59-3547521	4318057			AMC Holding, Inc.	FL	NIA	TIAA, FSB	Ownership	100.000	TIAA Board of Overseers	N	

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			43-1823879	4318066			Customerone Financial Network, Inc. ....	.DE	NIA	AMC Holding, Inc.	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			36-1208070	4460817			Business Property Lending, Inc. ....	.DE	NIA	TIAA, FSB	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			11-3642567	4318178			Elite Lender Services, Inc. ....	.FL	NIA	TIAA, FSB	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			61-1560018	4318217	1436613		Tygris Commercial Financial Group, Inc. ....	.DE	NIA	TIAA, FSB	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			20-0716627	4318226			TIAA Commercial Finance, Inc. ....	.DE	NIA	Tygris Commercial Financial Group, Inc.	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			26-2483829	3867400			Tygris Asset Finance, Inc. ....	.DE	NIA	Tygris Commercial Financial Group, Inc.	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							Teachers Insurance and Annuity Association of America								
			81-1241294	4979391			TIAA GBS Holding LLC .....	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				5003789			TIAA GBS Singapore Holding Company Pte. Ltd. ....	.SGP	NIA	TIAA GBS Holding LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				5006838			TIAA Global Business Services (India) Private Limited .....	.IND	NIA	TIAA GBS Singapore Holding Company Pte. Ltd.	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							Teachers Insurance and Annuity Association of America								
			27-5551198	4599267			TIAA Global Ag Holdco LLC .....	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			45-5044364	4627124			Global Agriculture AIV (US), LLC .....	.DE	NIA	TIAA Global Ag Holdco LLC	Ownership.....	98.100	TIAA Board of Overseers .....	.N	
			45-1531685	4643580			Global Ag Properties USA LLC .....	.DE	NIA	Global Agriculture AIV (US), LLC	Management.....		TIAA Board of Overseers .....	.N	
			80-0843991	4644877			Loma del Rio Vineyards, LLC .....	.DE	NIA	Global Ag Properties USA LLC	Ownership.....	55.000	TIAA Board of Overseers .....	.N	1900
			46-2577906	4643973			Sugarloaf Vineyard, LLC .....	.DE	NIA	Global Ag Properties USA LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			47-1083514	4753582			Global Agriculture II AIV (US) LLC .....	.DE	NIA	TIAA Global Ag Holdco LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			47-1069783	4755438			Global Ag Properties II USA LLC .....	.DE	NIA	Global Agriculture II AIV (US) LLC	Ownership.....	50.000	TIAA Board of Overseers .....	.N	
			27-5551341	4639994			TIAA-CREF Global Agriculture LLC .....	.DE	NIA	TIAA Global Ag Holdco LLC	Management.....		TIAA Board of Overseers .....	.N	
				4643357			Global AG Properties Australia Pty, Ltd .....	.AUS	NIA	TIAA-CREF Global Agriculture LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4643571			Global AG Properties Australia Trust .....	.AUS	NIA	TIAA-CREF Global Agriculture LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4643094			Nova Gaia Brasil Participaco Ltda. ....	.BRA	NIA	TIAA-CREF Global Agriculture LLC	Ownership.....	99.990	TIAA Board of Overseers .....	.N	3800
				4644493			Tellus Brasil Participaco S.A. ....	.BRA	NIA	Nova Gaia Brasil Participaco Ltda.	Management.....		TIAA Board of Overseers .....	.N	3900
				4644484			Terraviva Brasil Participaco Ltda. ....	.BRA	NIA	Nova Gaia Brasil Participaco Ltda.	Ownership.....	99.990	TIAA Board of Overseers .....	.N	4000
				4644493			Tellus Brasil Participaco S.A. ....	.BRA	NIA	Terraviva Brasil Participaco Ltda.	Management.....		TIAA Board of Overseers .....	.N	3900
				4863490			Agrobio Investimentos e Participações S.A. ....	.BRA	NIA	Tellus Brasil Participaco S.A.	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4646321			Cerpon Participações S.A. ....	.BRA	NIA	Tellus Brasil Participaco S.A.	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4725758			Nova Ibiajara Propriedades Agrícolas S.A. ....	.BRA	NIA	Tellus Brasil Participaco S.A.	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4653954			Tellus Bahia Propriedades Agrícolas Ltda. ....	.BRA	NIA	Tellus Brasil Participaco S.A.	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4653981			Jatobá Propriedades Agrícolas Ltda. ....	.BRA	NIA	Tellus Brasil Participaco S.A.	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4644505			Terra do Sol Propriedades Agrícolas S.A. ....	.BRA	NIA	Tellus Brasil Participaco S.A.	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4644514			Terrainvest Propriedades Agrícolas S.A. ....	.BRA	NIA	Tellus Brasil Participaco S.A.	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4646282			Tparone Participações S.A. ....	.BRA	NIA	Tellus Brasil Participaco S.A.	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4646303			Toperone Agrícola S.A. ....	.BRA	NIA	Tparone Participações S.A.	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4646291			Tpartwo Participações S.A. ....	.BRA	NIA	Tellus Brasil Participaco S.A.	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4646312			Toperto Agrícola S.A. ....	.BRA	NIA	Tpartwo Participações S.A.	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			45-1502187	4640011			TIAA-CREF Global Agriculture BR, LLC .....	.DE	NIA	TIAA-CREF Global Agriculture LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4643094			Nova Gaia Brasil Participaco Ltda. ....	.BRA	NIA	TIAA-CREF Global Agriculture BR, LLC	Ownership.....	0.010	TIAA Board of Overseers .....	.N	3800
				4644484			Terraviva Brasil Participaco Ltda. ....	.BRA	NIA	TIAA-CREF Global Agriculture BR, LLC	Ownership.....	0.010	TIAA Board of Overseers .....	.N	4000
			47-0974399	4753591	1616610		TIAA-CREF Global Agriculture II LLC .....	.DE	NIA	TIAA Global Ag Holdco LLC	Management.....		TIAA Board of Overseers .....	.N	
			47-1062423	4755447			TIAA-CREF Global Agriculture II BR, LLC .....	.DE	NIA	TIAA-CREF Global Agriculture II LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							Teachers Insurance and Annuity Association of America								
			46-2860100	4599276			TIAA Global Equity Income, LLC .....	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							Teachers Insurance and Annuity Association of America								
			26-3594208	4863502			TIAA Global Public Investments, LLC .....	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							Teachers Insurance and Annuity Association of America								
			46-3881813	4599892			TIAA GTR HoldCo, LLC .....	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			46-3210500	4724023			Global Timber Resources LLC .....	.DE	NIA	TIAA GTR HoldCo, LLC	Ownership.....	50.000	TIAA Board of Overseers .....	.N	
			46-3909387	4868431			Global Timber SA LLC .....	.DE	NIA	Global Timber Resources LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			46-3899490	4801906			Global Timber International LLC .....	.DE	NIA	Global Timber Resources LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4802789			Global Timber Spain, SL .....	.ESP	NIA	Global Timber International LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4868440			Forestal GTR Chile LimitadaCHL	NIA	Global Timber Spain, SL	Ownership.....	99.900	TIAA Board of OverseersN	

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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			98-1206384	4803151			Forestal Monterrey Colombia SAS	.COL	NIA	Global Timber Spain, SL	Ownership	85.480	TIAA Board of Overseers	.N	
				5165454			Global Timber Resources Colombia, S.A.S.	.COL	NIA	Global Timber Spain, SL	Ownership	100.000	TIAA Board of Overseers	.N	
				5183458			Monte Fresnos Asociacion Agraria de Responsabilidad LTDA	.URY	NIA	Global Timber Spain, SL	Ownership	100.000	TIAA Board of Overseers	.N	
				5183421			Monte Fresnos, S.A.	.URY	NIA	Global Timber Spain, SL	Ownership	100.000	TIAA Board of Overseers	.N	
				5183430			Taurion Asociacion Agraria de Responsabilidad LTDA	.URY	NIA	Global Timber Spain, SL	Ownership	100.000	TIAA Board of Overseers	.N	
				5183449			Taurion, S.A.	.URY	NIA	Global Timber Spain, SL	Ownership	100.000	TIAA Board of Overseers	.N	
				4866905			GT Europe Cooperatief U.A.	.NLD	NIA	Global Timber International LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				4900425			Global Timber NL, B.V.	.NLD	NIA	GT Europe Cooperatief U.A.	Ownership	100.000	TIAA Board of Overseers	.N	
				4901543			GTR Brasil Participacoes Ltda	.BRA	NIA	Global Timber NL, B.V.	Ownership	99.000	TIAA Board of Overseers	.N	
				4902380			Brasilwood Reflorestamento S.A.	.BRA	NIA	GTR Brasil Participacoes Ltda	Ownership	75.000	TIAA Board of Overseers	.N	
							Brasilwood Terras Florestais S.A.	.BRA	NIA	GTR Brasil Participacoes Ltda	Ownership	97.000	TIAA Board of Overseers	.N	
							Khaya Woods Investimentos Florestais LTDA	.BRA	NIA	GTR Brasil Participacoes Ltda	Influence		TIAA Board of Overseers	.N	
							Mamoneira Agropastoril S.A.	.BRA	NIA	GTR Brasil Participacoes Ltda	Influence		TIAA Board of Overseers	.N	
				5198809			Jatoba Brasil Investimentos Florestais Ltda	.BRA	NIA	GTR Brasil Participacoes Ltda	Ownership	100.000	TIAA Board of Overseers	.N	
				5198818			Paineira Investimentos Florestais S.A.	.BRA	NIA	GTR Brasil Participacoes Ltda	Ownership	97.000	TIAA Board of Overseers	.N	
							IPOPEMA 95 Closed Investment Fund of Non-Public Assets	.POL	NIA	Global Timber NL, B.V.	Ownership	100.000	TIAA Board of Overseers	.N	
							EKO Topola Sp. z.o.o.	.POL	NIA	IPOPEMA 95 Closed Investment Fund of Non-Public Assets	Ownership	100.000	TIAA Board of Overseers	.N	
							Brusno Resort Sp. z.o.o.	.POL	NIA	IPOPEMA 95 Closed Investment Fund of Non-Public Assets	Ownership	100.000	TIAA Board of Overseers	.N	
							TIAA Infrastructure Investments, LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			45-3479281	4599306			730 Parking LLC	.DE	NIA	TIAA Infrastructure Investments, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			81-5307354	51539833			730 Interpark, LLC	.DE	NIA	730 Parking LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			81-5302296	5157879			A-30 Canadian Transport Inc.	.CAN	NIA	TIAA Infrastructure Investments, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							1867 Infrastructure Holdings Inc.	.CAN	NIA	A-30 Canadian Transport Inc.	Ownership	51.000	TIAA Board of Overseers	.N	
							ACS NA30 Holding Inc.	.CAN	NIA	1867 Infrastructure Holdings Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
							Nouvelle Autoroute 30, s.e.n.c.	.CAN	NIA	Iridium Nouvelle Autoroute 30 Inc.	Ownership	50.000	TIAA Board of Overseers	.N	
			38-3857916	4602813			I 595 Toll Road, LLC	.DE	NIA	TIAA Infrastructure Investments, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							North American Sustainable Energy Fund, L.P.	.DE	NIA	TIAA Infrastructure Investments, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-5279686	4810775			McCommas Bluff Holdings LLC	.DE	NIA	North American Sustainable Energy Fund, L.P.	Influence		TIAA Board of Overseers	.N	
				4895660			Dallas Clean Energy, LLC	.DE	NIA	McCommas Bluff Holdings LLC	Ownership	51.000	TIAA Board of Overseers	.N	
				4896331			Dallas Clean Energy McCommas Bluff, LLC	.DE	NIA	Dallas Clean Energy, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				4946852			Energy Power Investment Company, LLC	.DE	NIA	North American Sustainable Energy Fund, L.P.	Ownership	90.500	TIAA Board of Overseers	.N	
				4947318			EPP Renewable Energy, LLC	.DE	NIA	Energy Power Investment Company, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							EPP New Jersey Biogas, LLC	.DE	NIA	EPP Renewable Energy, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							EPP New Jersey Solar, LLC	.DE	NIA	EPP Renewable Energy, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							North American Sustainable Energy Fund GP, LLC	.DE	NIA	TIAA Infrastructure Investments, LLC	Ownership	99.900	TIAA Board of Overseers	.N	
							North American Sustainable Energy Manager, LLC	.DE	NIA	TIAA Infrastructure Investments, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							TIAA Oil and Gas Investments, LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			45-2665869	4601115			Actgas, LLC	.DE	NIA	TIAA Oil and Gas Investments, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			45-1286237	4602877			Actoil Bakken, LLC	.DE	NIA	TIAA Oil and Gas Investments, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-3410649	4602925			Actoil Utica, LLC	.DE	NIA	TIAA Oil and Gas Investments, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-3628993	4602934			TIAA Realty, LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			11-3519531	4601133											

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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			81-0902394	4949125			T-C 77 Central LLC	DE	NIA	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2249307	4763161			T-C 680 Belleville LLC	DE	NIA	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-2678242	4611721			T-C Port Northwest Development, LLC	DE	NIA	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3961919	5047626			TGA 70 Federal Street LLC	DE	NIA	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-2885306				TIAA RFS, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			82-2335773				TIAA Advisory, LLC	DE	NIA	TIAA RFS, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			20-2904312	4314479			TIAA-CREF Insurance Agency, LLC	DE	NIA	TIAA RFS, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							TIAA Shared Services, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-2755014	5011346			TIAA SMA Strategies, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			45-3029655	4601197			TIAA-Stonepeak Investments I, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			45-3030923	4601245			TIAA-Stonepeak Investments II, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			45-3164600	4601348			TIAA Super Regional Mall Member Sub, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			45-3164764	4644055			T-C Super Regional Mall Venture, LLC	DE	NIA	TIAA Super Regional Mall Member Sub, LLC	Ownership	51.000	TIAA Board of Overseers	N	
			46-4623585	4801821	1614181		T-C International Plaza REIT LLC	DE	NIA	T-C Super Regional Mall Venture, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-4653326	4801830			T-C International Plaza Investor GP LLC	DE	NIA	T-C International Plaza REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-4680948	4801849			T-C International Plaza Investor LP LLC	DE	NIA	T-C International Plaza REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			38-3173536	2884259			Tampa Westshore Associates Limited Partnership	DE	NIA	T-C International Plaza Investor LP LLC	Influence		TIAA Board of Overseers	N	
			46-2713521	4604116	1595474		T-C Las Vegas Retail REIT LLC	DE	NIA	T-C Super Regional Mall Venture, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-2726147	4612979			T-C Las Vegas Retail Investor LLC	DE	NIA	T-C Las Vegas Retail REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4615617			Grand Canal Shoppes Holdings, LLC	DE	NIA	T-C Las Vegas Retail Investor LLC	Influence		TIAA Board of Overseers	N	
			45-3165203	4644064	1544129		T-C Midwest REIT, LLC	DE	NIA	T-C Super Regional Mall Venture, LLC	Ownership	99.800	TIAA Board of Overseers	N	
			45-2211957	4644073			T-C Midwest Retail, LLC	DE	NIA	T-C Midwest REIT, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4644288			CBL/T-C, LLC	DE	NIA	T-C Midwest Retail, LLC	Ownership	50.000	TIAA Board of Overseers	N	
			45-3164998	4644082	1544127		T-C Montgomery Mall REIT, LLC	DE	NIA	T-C Super Regional Mall Venture, LLC	Ownership	99.800	TIAA Board of Overseers	N	
			27-4117159	4644091			T-C Montgomery Mall, LLC	DE	NIA	T-C Montgomery Mall REIT, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			95-4658637	4644886			Montgomery Mall of Maryland, LLC	MD	NIA	T-C Montgomery Mall, LLC	Ownership	50.000	TIAA Board of Overseers	N	
			45-1286386	4601526			TIAA SynGas, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			13-1624203	4741758			730 Catsolar, LLC	DE	NIA	TIAA SynGas, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4747835			Catalina Solar Lessee Holdco, LLC	CA	NIA	730 Catsolar, LLC	Ownership	50.000	TIAA Board of Overseers	N	
				4749866			Catalina Solar Lessee, LLC	CA	NIA	Catalina Solar Lessee Holdco, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			56-2492641	4643900			SG Solutions, LLC	DE	NIA	TIAA SynGas, LLC	Influence		TIAA Board of Overseers	N	
			27-0195010	4626088			AE Investor II, LLC	DE	NIA	TIAA SynGas, LLC	Ownership	57.000	TIAA Board of Overseers	N	
			45-4486211	4602886			TIAA Wind Investments, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			45-3743502	4626136			Capistrano Wind Partners, LLC	DE	NIA	TIAA Wind Investments, LLC	Influence		TIAA Board of Overseers	N	
			20-8384004	4599490			TIAA-CREF LPHC, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			26-3561391	4863539			TCAM DOF GP, LLC	DE	NIA	TIAA-CREF LPHC, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1191235	5018671	1611288		TIAA-CREF Real Property Fund GP, LLC	DE	NIA	TIAA-CREF LPHC, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			55-0856733	4314349	882928		TIAA-CREF Individual & Institutional Services, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			20-5591124	4314273			TIAA-CREF Redwood, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			20-5631854	4314282			TIAA Endowment & Philanthropic Services, LLC	DE	NIA	TIAA-CREF Redwood, LLC	Ownership	100.000	TIAA Board of Overseers	N	

13.26

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			13-4026557	4314116	1627236		TIAA-CREF Tuition Financing, Inc.	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			20-8892977	4599810			TIAA Union Place Phase I, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			20-8281443	4640066			Union Place Phase I, LLC	DE	NIA	TIAA Union Place Phase I, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4844163			UK PPP Investments, LP	GBR	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4848590			Wigg (Holdings) Limited	GBR	NIA	UK PPP Investments, LP	Ownership	100.000	TIAA Board of Overseers	N	
				4848983			Wigg Investments Limited	GBR	NIA	Wigg (Holdings) Limited	Ownership	100.000	TIAA Board of Overseers	N	
				4849739			Merseylink (Holdings) Limited	GBR	NIA	Wigg Investments Limited	Influence		TIAA Board of Overseers	N	
				4852298			Merseylink (Finance) Limited	GBR	NIA	Merseylink (Holdings) Limited	Ownership	100.000	TIAA Board of Overseers	N	
				4860239			Merseylink Limited	GBR	NIA	Merseylink (Finance) Limited	Ownership	100.000	TIAA Board of Overseers	N	
				4858638			Merseylink (Issuer) plc	GBR	NIA	Merseylink (Finance) Limited	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Cities Industrial Fund LP	DE	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
			82-3970010				U.S. Cities Retail Fund LP	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership		TIAA Board of Overseers	N	
			82-4016503				U.S. Cities Retail Fund REIT LLC	DE	NIA	U.S. Cities Retail Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
			82-4069923				U.S. Cities Retail Fund Operating GP LLC	DE	NIA	U.S. Cities Retail Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-4037905				U.S. Cities Retail Fund Operating LP	DE	NIA	U.S. Cities Retail Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-0750331	4612111			T-C 919 N. Michigan Avenue Retail, LLC	DE	NIA	U.S. Cities Retail Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	N	
							USCRF KRG JV Investor Member LLC	DE	NIA	U.S. Cities Retail Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	N	
							KRG USCRF Retail Portfolio LLC	DE	NIA	USCRF KRG JV Investor Member LLC	Ownership	100.000	TIAA Board of Overseers	N	
							KRG 951 & 41, LLC	DE	NIA	KRG USCRF Retail Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							KRG Livingston Center, LLC	DE	NIA	KRG USCRF Retail Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							KRG-USCRF Plaza Volente, LLC	DE	NIA	KRG USCRF Retail Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-3988257				U.S. Core-Plus Real Estate Debt Fund LP	DE	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
			82-3760575				CRED REIT LLC	DE	NIA	U.S. Core-Plus Real Estate Debt Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-1938723				CRED REIT Holdco LLC	DE	NIA	CRED REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2113010				CRED Glenhardie LLC	DE	NIA	CRED REIT Holdco LLC	Ownership	100.000	TIAA Board of Overseers	N	
			85-1296109				CRED HQ LLC	DE	NIA	CRED REIT Holdco LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2024014				CRED REIT Holdco Seller LLC	DE	NIA	CRED REIT Holdco LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-1392434				CRED REIT Holdco TRS LLC	DE	NIA	CRED REIT Holdco LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-4800804				CRED REIT Manager LLC	DE	NIA	CRED REIT Holdco LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-5347019				CRED REIT Member LP	DE	NIA	CRED REIT Holdco LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2267896				CRED Sawtelle LLC	DE	NIA	CRED REIT Holdco LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-3184068				CRED Slabtown LLC	DE	NIA	CRED REIT Holdco LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-4107560				CRED West Coast Industrial LLC	DE	NIA	CRED REIT Holdco LLC	Ownership	100.000	TIAA Board of Overseers	N	

SCHEDULE Y
PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Loca-tion	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

Asterisk	Explanation
0100	AGR Services LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by AGR Partners LLC and 1% owned by Nuveen Alternative Holdings, LLC.
0200	Greenwood Resources Brasil, Ltda. is ultimately controlled and owned entirely by TIAA, with 99% owned by Greenwood Resources Forest Management, LLC and 1% owned by GreenWood Resources, Inc.
0300	CAM HR Resources LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by Churchill Asset Management LLC and 1% owned by Nuveen Alternative Holdings, LLC.
0400	TIAA European Farmland Fund GP LP is ultimately controlled and owned entirely by TIAA, with 50% owned by Nuveen Alternative Services, LLC and 50% owned by TEFF Holdco LLC
0500	TGAM APAC LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
0600	TGAM HK HC LLC is ultimately controlled and owned entirely by TIAA, with TGAM APAC LLC, TGAM Asia LLC, TIAA International APAC LLC and TIAA International Asia LLC each owning 25%
0700	TGAM Asia LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
0800	TIAA International APAC LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
0900	TIAA International Asia LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
1000	U.S. Cities Office Fund Maryland Farms Co-Invest is ultimately controlled and owned entirely by TIAA, with 51% owned by USCOF Maryland Farms Holdings LLC and 49% owned by TGA Maryland Farms Holdings LLC.
1100	Nuveen Real Estate Limited is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA International Holdings 3, Ltd. and 1% owned by TIAA International Holdings 1, Ltd.
1200	European Cities Partnership SCSp is owned 29.8% by T-C Lux Investments Special Limited Partnership and 1% by European Cities Partnership (GP) S.à.r.l.
1300	Global Real Estate Debt Partners Fund II (UK) SCSp is ultimately controlled by TIAA, with 18.75% owned by TIAA and 0.5% owned by Nuveen Real Estate Debt Partners II (GP) S.à.r.l.
1400	Westchester Group SRL is controlled and owned entirely by TIAA, with 99% owned by Westchester Group of Europe Ltd. and 1% owned by Westchester Group of Poland Sp. Z.o.o.
1500	Westchester Group South America Gestao de Investimentos Ltda. is controlled and owned entirely by TIAA, with 99% owned by Westchester Group Investment Management, Inc. and 1% owned by Westchester Group Real Estate, Inc.
1600	Symphony Asset Management, LLC is ultimately controlled and owned entirely by TIAA, with 51% owned by Nuveen Investments, Inc. and 49% owned by Nuveen Investments Holdings, Inc.
1700	730 Texas Timberlands II, Ltd. is ultimately controlled and owned entirely by TIAA, which directly owns 99.5%. 730 Texas Forest Holdings, Inc., which is owned 100% by TIAA, owns .5%.
1800	730 Texas Timberlands, Ltd. is ultimately controlled and owned entirely by TIAA, with 99.5% owned by TIAA Timberlands I, LLC and .5% owned by 730 Texas Forest Holdings, Inc.
1900	Loma del Rio Vineyards, LLC is ultimately controlled and owned entirely by TIAA, with 45% owned by Premiere Agricultural Properties, LLC and 55% owned by Global Ag Properties USA, LLC.
2000	1608 Chestnut Partners LP is ultimately controlled and owned entirely by TIAA, with 99% owned by T-C 1608 Chestnut Limited Partner LLC and 1% owned by T-C 1608 Chestnut General Partner LLC.
2100	Global Real Estate Debt Partners Fund I (UK) is controlled by TIAA, which owns 36.3%. T-C Lux Investments Special Limited Partnership, which is 100% owned by TIAA, owns 24.3%.
2200	Radar Propriedades Agrícolas S.A. is owned 65.77% by Mansilla Participacoes LTDA and 15.31% by Radar II Propriedades Agrícolas S.A.
2300	Cityhold Nympe S.à r.l. (Nympe) is owned by TIAA via a 25% ownership of Cityhold Office Partnership S.à r.l., which owns 88% of Nympe, and 3% owned by wholly-owned ND Europe Office Holding S.à r.l.
2400	Cityhold Euro S.à r.l. (CES) is owned by TIAA via a 25% ownership of Cityhold Propco 9 S.à r.l., which owns 88% of CES, and 3% owned by wholly-owned ND Europe Office Holding S.à r.l.
2500	SNC Roosevelt is owned by TIAA via a 25% ownership of Cityhold Propco 9 S.à r.l., which owns SAS Roosevelt (99.99% of SNC Roosevelt) and Roosevelt Participation S.à r.l. (0.01%).
2600	London Belgrave Unit Trust (LBUT) is owned by TIAA via a 25% ownership of Cityhold Office Partnership S.à r.l., which owns Cityhold UK Holding S.à r.l. (99.8% of LBUT) and Cityhold UK Investment S.à r.l. (0.2%).
2700	New Fetter Lane Unit Trust (NFLUT) is owned by TIAA via a 25% ownership of Cityhold Office Partnership S.à r.l., which owns Cityhold UK Holding S.à r.l. (99.9% of NFLUT) and Cityhold UK Investment S.à r.l. (0.1%).
2800	60 Great Portland Street Unit Trust (60GPS) is owned by TIAA via a 25% ownership of Cityhold Office Partnership S.à r.l., which owns Cityhold UK Holding S.à r.l. (99.4% of 60GPS) and Cityhold UK Investment S.à r.l. (0.6%).
2900	70 St. Mary Axe Unit Trust (SMAUT) is owned by TIAA via a 25% ownership of Cityhold Office Partnership S.à r.l., which owns SMA Holding S.à r.l. (99.9% of SMAUT) and Cityhold UK Investment S.à r.l. (0.1%).
3000	Gropius Passagen GmbH & Co KG is controlled by TIAA, and partially owned by Gropius S.à r.l., which owns 99.8% and TIAA Lux 11 S.à.r.l. which owns 0.16%.
3100	T-C Europe LP is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA and 1% owned by T-C Europe Holding, Inc.
3200	Roppenheim Outlet SNC (ROSNC) is ultimately controlled by TIAA via a 61.8% ownership of Neptune Property Venture S.à r.l., which owns Roppenheim Holding SAS (99.99% of ROSNC) Neptune Roppenheim Holding S.à r.l. (0.01%).
3300	Adeoti Empreendimentos Imobiliários Ltda is ultimately controlled and owned entirely by TIAA, with 51% of ownership with T-C JK I, LLC and 49% of ownership with T-C JK II, LLC
3400	Thurrock Retail Park Unit Trust is ultimately controlled and owned entirely by TIAA with 99.5% owned by T-C UK RE Holdings III, LLC and 0.5% owned by T-C UK RE Holdings II, LLC.
3500	Waterford Blue Lagoon LP is controlled by TIAA, and partially owned indirectly by T-C Waterford Blue Lagoon LLC, which owns 50%, and T-C Waterford Blue Lagoon General Partner, LLC, which owns 1%.
3600	Asia Pacific Cities Fund, FCP is owned 27.7% by TGA APAC Fund Holdings, LLC and 27.7% by TGA Real Estate Fund Holdings, LLC
3700	Viertel Zwei Entwicklung GmbH & Co Studenthouse KG is controlled by TIAA, and partially owned indirectly by Eagle Austria Holdings S.à r.l., which owns 94%, and CB Krieau Dzwei GmbH, which owns 6%.
3800	Nova Gaia Brasil Participaco Ltda. is owned 99.99% by TIAA-CREF Global Agriculture LLC and 0.01% by TIAA-CREF Global Agriculture BR, LLC.
3900	Tellus Brasil Participaco S.A. is owned 48.9% by Terraviva Brasil Participaco Ltda. and 0.47% by Nova Gaia Brasil Participaco Ltda.
4000	Terraviva Brasil Participaco Ltda. is owned 99.99% by Nova Gaia Brasil Participaco Ltda. and 0.01% by TIAA-CREF Global Agriculture BR, LLC.

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SUPPLEMENTAL EXHIBITS AND SCHEDULES INTERROGATORIES

The following supplemental reports are required to be filed as part of your statement filing. However, in the event that your company does not transact the type of business for which the special report must be filed, your response of NO to the specific interrogatory will be accepted in lieu of filing a "NONE" report and a bar code will be printed below. If the supplement is required of your company but is not being filed for whatever reason enter SEE EXPLANATION and provide an explanation following the interrogatory questions.

	Response
1. Will the Trusteed Surplus Statement be filed with the state of domicile and the NAIC with this statement?	SEE EXPLANATION
2. Will the Medicare Part D Coverage Supplement be filed with the state of domicile and the NAIC with this statement?	NO
3. Will the Reasonableness of Assumptions Certification required by Actuarial Guideline XXXV be filed with the state of domicile and electronically with the NAIC?	NO
4. Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXV be filed with the state of domicile and electronically with the NAIC?	NO
5. Will the Reasonableness of Assumptions Certification for Implied Guaranteed Rate Method required by Actuarial Guideline XXXVI be filed with the state of domicile and electronically with the NAIC?	NO
6. Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Average Market Value) be filed with the state of domicile and electronically with the NAIC?	NO
7. Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Market Value) be filed with the state of domicile and electronically with the NAIC?	NO
8. Will the Life PBR Statement of Exemption be filed with the state of domicile by July 1st and electronically with the NAIC with the second quarterly filing per the Valuation Manual (by August 15)? (2nd Quarter Only) The response for 1st and 3rd quarters should be N/A. A NO response resulting with a bar code is only appropriate in the 2nd quarter.	N/A

Explanation:

1. The company is not a U.S. branch of a Non-U.S. insurer.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

Bar Code:

2. Medicare Part D Coverage Supplement [Document Identifier 365]



3. Reasonableness of Assumptions Certification required by Actuarial Guideline XXXV [Document Identifier 445]



4. Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXV [Document Identifier 446]



5. Reasonableness of Assumptions Certification for Implied Guaranteed Rate Method required by Actuarial Guideline XXXVI [Document Identifier 447]



6. Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI [Document Identifier 448]



7. Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Market Value) [Document Identifier 449]



NONE

SCHEDULE A - VERIFICATION

Real Estate

	1 Year to Date	2 Prior Year Ended December 31
1. Book/adjusted carrying value, December 31 of prior year		
2. Cost of acquired:		
2.1 Actual cost at time of acquisition		
2.2 Additional investment made after acquisition		
3. Current year change in encumbrances		
4. Total gain (loss) on disposals		
5. Deduct amounts received on disposals		
6. Total foreign exchange change in book/adjusted carrying value		
7. Deduct current year's other than temporary impairment recognized		
8. Deduct current year's depreciation		
9. Book/adjusted carrying value at the end of current period (Lines 1+2+3+4-5+6-7-8)		
10. Deduct total nonadmitted amounts		
11. Statement value at end of current period (Line 9 minus Line 10)		

SCHEDULE B - VERIFICATION

Mortgage Loans

	1 Year to Date	2 Prior Year Ended December 31
1. Book value/recorded investment excluding accrued interest, December 31 of prior year		
2. Cost of acquired:		
2.1 Actual cost at time of acquisition		
2.2 Additional investment made after acquisition		
3. Capitalized deferred interest and other		
4. Accrual of discount		
5. Unrealized valuation increase (decrease)		
6. Total gain (loss) on disposals		
7. Deduct amounts received on disposals		
8. Deduct amortization of premium and mortgage interest paid and commitment fees		
9. Total foreign exchange change in book value/recorded investment excluding accrued interest		
10. Deduct current year's other than temporary impairment recognized		
11. Book value/recorded investment excluding accrued interest at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)		
12. Total valuation allowance		
13. Subtotal (Line 11 plus Line 12)		
14. Deduct total nonadmitted amounts		
15. Statement value at end of current period (Line 13 minus Line 14)		

SCHEDULE BA - VERIFICATION

Other Long-Term Invested Assets

	1 Year to Date	2 Prior Year Ended December 31
1. Book/adjusted carrying value, December 31 of prior year	4,687,634	4,707,025
2. Cost of acquired:		
2.1 Actual cost at time of acquisition		
2.2 Additional investment made after acquisition		
3. Capitalized deferred interest and other		
4. Accrual of discount	968	1,209
5. Unrealized valuation increase (decrease)		
6. Total gain (loss) on disposals		
7. Deduct amounts received on disposals		
8. Deduct amortization of premium and depreciation	16,313	20,600
9. Total foreign exchange change in book/adjusted carrying value		
10. Deduct current year's other than temporary impairment recognized		
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)	4,672,289	4,687,634
12. Deduct total nonadmitted amounts		
13. Statement value at end of current period (Line 11 minus Line 12)	4,672,289	4,687,634

SCHEDULE D - VERIFICATION

Bonds and Stocks

	1 Year to Date	2 Prior Year Ended December 31
1. Book/adjusted carrying value of bonds and stocks, December 31 of prior year	8,666,315,772	7,913,354,524
2. Cost of bonds and stocks acquired	3,393,002,801	1,777,079,107
3. Accrual of discount	3,230,574	4,906,842
4. Unrealized valuation increase (decrease)		
5. Total gain (loss) on disposals	12,850,334	9,197,429
6. Deduct consideration for bonds and stocks disposed of	929,516,573	1,023,721,271
7. Deduct amortization of premium	7,136,056	6,555,189
8. Total foreign exchange change in book/adjusted carrying value		
9. Deduct current year's other than temporary impairment recognized	870,000	9,476,580
10. Total investment income recognized as a result of prepayment penalties and/or acceleration fees	2,695,596	1,530,910
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10)	11,140,572,448	8,666,315,772
12. Deduct total nonadmitted amounts		
13. Statement value at end of current period (Line 11 minus Line 12)	11,140,572,448	8,666,315,772

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 1B

Showing the Acquisitions, Dispositions and Non-Trading Activity
During the Current Quarter for all Bonds and Preferred Stock by NAIC Designation

NAIC Designation	1 Book/Adjusted Carrying Value Beginning of Current Quarter	2 Acquisitions During Current Quarter	3 Dispositions During Current Quarter	4 Non-Trading Activity During Current Quarter	5 Book/Adjusted Carrying Value End of First Quarter	6 Book/Adjusted Carrying Value End of Second Quarter	7 Book/Adjusted Carrying Value End of Third Quarter	8 Book/Adjusted Carrying Value December 31 Prior Year
BONDS								
1. NAIC 1 (a)	7,069,335,268	2,603,689,932	2,331,613,736	(41,822,663)	6,187,688,401	7,069,335,268	7,299,588,801	5,654,274,607
2. NAIC 2 (a)	3,808,680,067	392,400,864	156,402,921	14,954,626	3,530,151,148	3,808,680,067	4,059,632,636	3,240,674,859
3. NAIC 3 (a)	87,793,365		9,355,635	25,043,947	55,529,641	87,793,365	103,481,677	10,636,934
4. NAIC 4 (a)	47,507,600	(25,507,600)				47,507,600	22,000,000	
5. NAIC 5 (a)	871,302		56,798	3,405	1,845,305	871,302	817,909	14,091,561
6. NAIC 6 (a)	10,655,157	(10,000,000)		474		10,655,157	655,631	
7. Total Bonds	11,024,842,759	2,960,583,196	2,497,429,090	(1,820,211)	9,775,214,495	11,024,842,759	11,486,176,654	8,919,677,961
PREFERRED STOCK								
8. NAIC 1								
9. NAIC 2								
10. NAIC 3								
11. NAIC 4								
12. NAIC 5								
13. NAIC 6	182,882				182,882	182,882	182,882	182,882
14. Total Preferred Stock	182,882				182,882	182,882	182,882	182,882
15. Total Bonds and Preferred Stock	11,025,025,641	2,960,583,196	2,497,429,090	(1,820,211)	9,775,397,377	11,025,025,641	11,486,359,536	8,919,860,843

(a) Book/Adjusted Carrying Value column for the end of the current reporting period includes the following amount of short-term and cash equivalent bonds by NAIC designation:
NAIC 1 \$342,994,016 ; NAIC 2 \$2,793,087 ; NAIC 3 \$ NAIC 4 \$; NAIC 5 \$; NAIC 6 \$

SCHEDULE DA - PART 1

Short-Term Investments

	1	2	3	4	5
	Book/Adjusted Carrying Value	Par Value	Actual Cost	Interest Collected Year-to-Date	Paid for Accrued Interest Year-to-Date
9199999 Totals	2,793,087	xxx	2,820,313	68,929	29,486

SCHEDULE DA - VERIFICATION

Short-Term Investments

	1	2
	Year To Date	Prior Year Ended December 31
1. Book/adjusted carrying value, December 31 of prior year		
2. Cost of short-term investments acquired	37,562,113	
3. Accrual of discount	2,458	
4. Unrealized valuation increase (decrease)		
5. Total gain (loss) on disposals	(3,573)	
6. Deduct consideration received on disposals	34,740,685	
7. Deduct amortization of premium	27,226	
8. Total foreign exchange change in book/adjusted carrying value		
9. Deduct current year's other than temporary impairment recognized		
10. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9)	2,793,087	
11. Deduct total nonadmitted amounts		
12. Statement value at end of current period (Line 10 minus Line 11)	2,793,087	

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

(Cash Equivalents)

	1	2
	Year To Date	Prior Year Ended December 31
1. Book/adjusted carrying value, December 31 of prior year	253,545,091	168,977,887
2. Cost of cash equivalents acquired	6,726,121,775	10,062,753,659
3. Accrual of discount	347,631	1,167,340
4. Unrealized valuation increase (decrease)		
5. Total gain (loss) on disposals	14,998	566
6. Deduct consideration received on disposals	6,637,035,480	9,979,354,361
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)	342,994,015	253,545,091
11. Deduct total nonadmitted amounts		
12. Statement value at end of current period (Line 10 minus Line 11)	342,994,015	253,545,091

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 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 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

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 3

Show All Long-Term Bonds and Stock Acquired During the Current Quarter

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol
361708-L6-7	GNMA POOL BX3949 1.730% 07/15/37		07/01/2020	KEYBANC CAPITAL MARKETS		30,037,500	30,000,000	38,925	1
36381B-E5-9	GOVERNMENT NATIONAL MORTGAGE SERIES 2019-5 CLASS ZC 3.500% 11/20/48		09/01/2020	Interest Capitalization		63,695	63,695		1
0599999. Subtotal - Bonds - U.S. Governments						30,101,195	30,063,695	38,925	XXX
13077D-HS-8	CALIFORNIA ST UNIV REVENUE SERIES D 1.940% 11/01/31		08/27/2020	GOLDMAN SACHS & COMPANY		6,095,000	6,095,000		1FE
16772P-CX-2	CHICAGO IL TRANSIT AUTH SALES SERIES B 3.912% 12/01/40		08/28/2020	GOLDMAN SACHS & COMPANY		1,005,000	1,005,000		1FE
186427-GW-4	CLEVELAND OH WTR REVENUE SERIES GG 1.515% 01/01/30		07/23/2020	STIFEL NICOLAUS & COMPANY INC		2,205,000	2,205,000		1FE
186427-GY-0	CLEVELAND OH WTR REVENUE SERIES GG 1.765% 01/01/32		07/23/2020	STIFEL NICOLAUS & COMPANY INC		3,425,000	3,425,000		1FE
186427-GZ-7	CLEVELAND OH WTR REVENUE SERIES GG 1.865% 01/01/33		07/23/2020	STIFEL NICOLAUS & COMPANY INC		3,250,000	3,250,000		1FE
235036-GZ-8	DALLAS FORT WORTH TX INTERNATI SERIES C 3.089% 11/01/40		07/31/2020	MORGAN STANLEY & CO. INC.		1,180,000	1,180,000		1FE
270618-GR-6	E BATON ROUGE PARISH LA SNR CO SERIES B 1.693% 02/01/30		07/31/2020	JP MORGAN SECURITIES		920,000	920,000		1FE
3136B3-EW-6	FNR 2018-78 ZB Z 4.000% 10/25/48		09/01/2020	Interest Capitalization		107,596	107,596		1
3137BB-FB-1	FHR 4352 ZW EXCH Z SEQ 3.000% 06/15/44		09/01/2020	Interest Capitalization		100,936	100,936		1
3137BG-3K-3	FHR 4430 Z Z SEQ 4.000% 01/15/45		09/01/2020	Interest Capitalization		124,563	124,563		1
3137BN-ED-2	FHR 4565 DZ Z SEQ 3.000% 03/15/46		09/01/2020	Interest Capitalization		42,939	42,939		1
3137BP-Q2-8	FHR 4579 GZ Z SEQ 3.000% 05/15/46		09/01/2020	Interest Capitalization		90,363	90,363		1
3137BT-2L-4	FHR 4631 VZ Z SEQ 3.500% 11/15/46		09/01/2020	Interest Capitalization		42,400	42,400		1
3137BW-HK-3	FHR 4665 NZ Z SEQ 3.500% 02/15/47		09/01/2020	Interest Capitalization		38,715	38,715		1
3137FG-3N-3	FHR 4801 ZD Z SEQ 4.000% 06/15/48		09/01/2020	Interest Capitalization		111,219	111,219		1
31418D-P4-8	FNMA POOL MA4042 2.000% 06/01/35		07/01/2020	WELLS FARGO		(170,150)	(165,044)	(138)	1
31418D-Q2-1	FNMA POOL MA4072 2.500% 07/01/40		07/01/2020	CREDIT SUISSE SECURITIES US LL		(77,418)	(74,497)	(67)	1
31418D-Q4-7	FNMA POOL MA4074 2.000% 07/01/35		07/01/2020	WELLS FARGO		(148,075)	(143,631)	(120)	1
31418D-Q6-0	FNMA POOL MA4054 2.500% 06/01/40		07/01/2020	CREDIT SUISSE SECURITIES US LL		(130,640)	(125,710)	(113)	1
31418D-TJ-1	FNMA POOL MA4152 2.000% 09/01/40		09/30/2020	Various		25,881,153	25,000,000	18,056	1
31418D-UA-8	FNMA POOL MA4176 2.000% 10/01/40		09/30/2020	MORGAN STANLEY & CO. INC.		25,890,625	25,000,000	18,056	1
341271-AF-1	FLORIDA ST BRD OF ADMIN FIN CO SERIES A 2.154% 07/01/30		09/03/2020	BANK OF AMERICA		44,080,000	44,080,000		1FE
414009-PO-7	HARRIS CNTY TX CULTURAL EDU FA 1.266% 07/01/25		07/24/2020	JP MORGAN SECURITIES		1,000,000	1,000,000		1FE
414009-PR-5	HARRIS CNTY TX CULTURAL EDU FA 2.081% 07/01/32		07/24/2020	JP MORGAN SECURITIES		6,000,000	6,000,000		1FE
414009-PT-1	HARRIS CNTY TX CULTURAL EDU FA 2.281% 07/01/34		07/24/2020	JP MORGAN SECURITIES		8,000,000	8,000,000		1FE
546395-V6-8	LOUISIANA ST PUBLIC FAGS AUTH SERIES B 2.282% 06/01/30		07/24/2020	BANK OF AMERICA		4,900,000	4,900,000		1FE
3199999. Subtotal - Bonds - U.S. Special Revenues						133,964,226	132,209,849	35,674	XXX
007700-OF-T	SANDAVAL SANDAVAL 1.730% 07/16/29		07/01/2020	KEYBANC CAPITAL MARKETS		(30,037,500)	(30,000,000)	(38,925)	4Z
00206R-KE-1	AT&T INC 3.300% 02/01/52		07/27/2020	DEUTSCHE BANK SECURITIES INCOR		5,896,578	5,900,000		2FE
00206R-KH-4	AT&T INC 2.250% 02/01/32		07/27/2020	MORGAN STANLEY & CO. INC.		9,981,900	10,000,000		2FE
010392-FU-7	ALABAMA POWER CO SERIES 20 A 1.450% 09/15/30		08/24/2020	MIZUHO SECURITIES USA INC.		11,323,130	11,375,000		1FE
015271-AV-1	ALEXANDRIA REAL ESTATE E 1.875% 02/01/33		07/29/2020	JP MORGAN SECURITIES		5,664,331	5,675,000		2FE
03027X-BG-4	AMERICAN TOWER CORP 1.875% 10/15/30		09/23/2020	CITIGROUP GLOBAL MARKETS INC		29,891,089	30,025,000		2FE
037833-DZ-0	APPLE INC 2.400% 08/20/50		08/13/2020	JP MORGAN SECURITIES		8,725,850	8,750,000		1FE
049560-AT-2	ATMOS ENERGY CORP 1.500% 01/15/31		09/23/2020	CREDIT AGRICOLE		15,830,835	15,900,000		1FE
053332-BA-9	AUTOZONE INC 1.650% 01/15/31		08/04/2020	JP MORGAN SECURITIES		1,171,428	1,175,000		2FE
110122-CM-8	BRISTOL MYERS SQUIBB CO SERIES WI 2.900% 07/26/24		07/14/2020	Tax Free Exchange		2,143,511	2,150,000	29,097	1FE
110122-CZ-9	BRISTOL MYERS SQUIBB CO SERIES WI 3.250% 02/20/23		07/15/2020	Tax Free Exchange		5,121,379	5,000,000	65,451	1FE
110122-DD-7	BRISTOL MYERS SQUIBB CO SERIES WI 3.450% 11/15/27		07/15/2020	Tax Free Exchange		8,055,531	7,650,000	43,988	1FE
110122-DE-5	BRISTOL MYERS SQUIBB CO SERIES WI 3.900% 02/20/28		07/15/2020	Tax Free Exchange		13,033,758	12,000,000	188,500	1FE
11135F-AN-1	BROADCOM INC SERIES WI 3.459% 09/15/26		08/07/2020	Tax Free Exchange		5,037,638	5,046,000	36,848	2FE
125523-BR-0	CIGNA CORP NEW GLBL NT 3.900% 02/15/22		07/15/2020	Tax Free Exchange		3,175,029	3,100,000	50,375	2FE
125523-CB-4	CIGNA CORP NEW GLBL NT 3.400% 03/01/27		07/14/2020	Tax Free Exchange		6,356,739	6,200,000	77,879	2FE
126117-AW-0	CNA FINANCIAL CORP 2.050% 08/15/30		08/11/2020	WELLS FARGO		374,055	375,000		2FE
15189Y-AF-3	CENTERPOINT ENERGY RES 1.750% 10/01/30		09/23/2020	JP MORGAN SECURITIES		12,118,331	12,125,000		2FE
166756-AH-9	CHEVRON USA INC 2.343% 08/12/50		08/10/2020	CITIGROUP GLOBAL MARKETS INC		4,075,000	4,075,000		1FE
224044-CL-9	COX COMMUNICATIONS INC SERIES 144A 1.800% 10/01/30		09/10/2020	WELLS FARGO		4,186,938	4,200,000		2FE
22966R-AG-1	CUBESMART LP 2.000% 02/15/31		09/29/2020	WELLS FARGO		9,907,400	10,000,000		2FE
235851-AV-4	DANAHER CORP 2.600% 10/01/50		09/29/2020	BANK OF AMERICA		4,428,908	4,475,000		2FE
25470D-BK-4	DISCOVERY COMMUNICATIONS SERIES 144A 4.000% 09/15/55		09/16/2020	Taxable Exchange		4,028,473	3,951,928		2FE
26441C-BJ-3	DUKE ENERGY CORP 0.900% 09/15/25		09/09/2020	MORGAN STANLEY & CO. INC.		9,995,100	10,000,000		2FE
29248H-AB-9	EMPOWER FINANCE 2020 LP SERIES 144A 1.776% 03/17/31		09/29/2020	Various		20,153,955	20,100,000	11,396	1FE
29248H-AC-7	EMPOWER FINANCE 2020 LP SERIES 144A 3.075% 09/17/51		09/14/2020	GOLDMAN SACHS & COMPANY		625,000	625,000		1FE
29365T-AK-0	ENTERGY TEXAS INC 1.750% 03/15/31		09/28/2020	BANK OF AMERICA		20,523,780	20,600,000		2FE
29379V-BX-0	ENTERPRISE PRODUCTS OPER 2.800% 01/31/30		07/30/2020	JP MORGAN SECURITIES		2,546,261	2,375,000	1,293	2FE
29444U-BK-1	EQUINIX INC 1.000% 09/15/25		09/23/2020	GOLDMAN SACHS & COMPANY		10,414,471	10,425,000		2FE
29444U-BL-9	EQUINIX INC 1.550% 03/15/28		09/23/2020	GOLDMAN SACHS & COMPANY		20,156,641	20,175,000		2FE
29449W-AB-3	EQUITABLE FINANCIAL LIFE SERIES 144A 1.400% 08/27/27		08/25/2020	DEUTSCHE BANK SECURITIES INCOR		11,248,842	11,275,000		1FE

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 3

Show All Long-Term Bonds and Stock Acquired During the Current Quarter

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol
313747-AX-5	FEDERAL REALTY INVESTMEN SR UNSEC 3.625% 08/01/46		08/18/2020	WELLS FARGO		3,079,140	3,000,000	5,740	1FE
36257U-AL-1	GS MORTGAGE SECURITIES TRUST SERIES 2019-GC42 CLASS A4 3.001% 09/01/52		09/30/2020	CITIGROUP GLOBAL MARKETS INC		7,760,191	6,944,000	579	1FM
375558-BS-1	GILEAD SCIENCES INC 2.600% 10/01/40		09/23/2020	WELLS FARGO		1,070,173	1,075,000		1FE
375558-BT-9	GILEAD SCIENCES INC 2.800% 10/01/50		09/23/2020	WELLS FARGO		3,653,538	3,675,000		1FE
375558-BY-8	GILEAD SCIENCES INC 1.650% 10/01/30		09/23/2020	BARCLAYS BANK PLC		27,808,379	27,875,000		1FE
37959E-AA-0	GLOBE LIFE INC 2.150% 08/15/30		08/18/2020	BANK OF AMERICA		1,771,841	1,775,000		2FE
42225U-AH-7	HEALTHCARE TRUST OF AMER 2.000% 03/15/31		09/14/2020	WELLS FARGO		9,721,208	9,800,000		2FE
42824C-BJ-7	HP ENTERPRISE CO 1.450% 04/01/24		07/14/2020	CITIGROUP GLOBAL MARKETS INC		14,982,450	15,000,000		2FE
494368-CC-5	KIMBERLY CLARK CORP 1.050% 09/15/27		09/08/2020	MORGAN STANLEY & CO. INC.		4,650,000	4,650,000		1FE
49456B-AB-2	KINDER MORGAN INC 2.000% 02/15/31		07/27/2020	JP MORGAN SECURITIES		2,253,615	2,275,000		2FE
531546-AB-5	LIBERTY UTILITIES FIN SERIES 144A 2.050% 09/15/30		09/16/2020	JP MORGAN SECURITIES		12,467,500	12,500,000		2FE
56336V-BQ-2	MPLX LP 2.650% 08/15/30		08/11/2020	RBC DAIN RAUSCHER INC.		3,022,368	3,025,000		2FE
609207-AW-5	MONDELEZ INTERNATIONAL 2.625% 09/04/50		09/02/2020	BNP PARIBAS		2,262,351	2,275,000		2FE
609207-AX-3	MONDELEZ INTERNATIONAL 1.500% 02/04/31		09/02/2020	U.S. BANCORP INVESTMENTS INC		16,757,213	16,875,000		2FE
609207-AY-1	MONDELEZ INTERNATIONAL 1.875% 10/15/32		09/30/2020	BARCLAYS BANK PLC		10,674,855	10,700,000		2FE
649840-CS-2	NY STATE ELECTRIC & GAS SERIES 144A 1.950% 10/01/30		09/23/2020	WIZUHO SECURITIES USA INC.		6,981,660	7,000,000		1FE
67103H-AK-3	O REILLY AUTOMOTIVE INC 1.750% 03/15/31		09/09/2020	BANK OF AMERICA		4,827,884	4,850,000		2FE
68233J-BU-7	ONCOR ELECTRIC DELIVERY 2.750% 05/15/30		08/12/2020	Tax Free Exchange		13,036,384	13,050,000	141,556	1FE
68233J-BV-5	ONCOR ELECTRIC DELIVERY 3.700% 05/15/50		08/11/2020	Tax Free Exchange		5,957,663	5,975,000	86,588	1FE
68902V-AK-3	OTIS WORLDWIDE CORP SERIES WI 2.565% 02/15/30		09/04/2020	Tax Free Exchange		12,374,013	12,375,000	16,753	2FE
68902V-AM-9	OTIS WORLDWIDE CORP SERIES WI 3.362% 02/15/50		09/04/2020	Tax Free Exchange		5,803,955	5,805,000	10,300	2FE
694476-AE-2	PACIFIC LIFE CORP SERIES 144A 3.350% 09/15/50		09/10/2020	CITIGROUP GLOBAL MARKETS INC		5,953,920	6,000,000		1FE
71427Q-AA-6	PERNOD RIC INTL FIN LLC SERIES 144A 1.250% 04/01/28		09/28/2020	BANK OF AMERICA		34,857,900	35,000,000		2FE
71427Q-AB-4	PERNOD RIC INTL FIN LLC SERIES 144A 1.625% 04/01/31		09/28/2020	BANK OF AMERICA		54,536,900	55,000,000		2FE
71427Q-AC-2	PERNOD RIC INTL FIN LLC SERIES 144A 2.750% 10/01/50		09/28/2020	BANK OF AMERICA		3,311,600	3,400,000		2FE
74256L-EG-0	PRINCIPAL LFE GLB FND II SERIES 144A 1.500% 08/27/30		08/20/2020	GOLDMAN SACHS & COMPANY		11,429,965	11,500,000		1FE
74456Q-CE-4	PUBLIC SERVICE ELECTRIC SERIES MTN 2.050% 08/01/50		08/04/2020	MITSUBISHI UFJ SECURITIES USA		6,324,064	6,375,000		1FE
776743-AL-0	ROPER TECHNOLOGIES INC 1.750% 02/15/31		08/18/2020	BANK OF AMERICA		2,495,975	2,500,000		2FE
830867-AA-5	DELTA AIR LINES SKYMILES SERIES 144A 4.500% 10/20/25		09/16/2020	GOLDMAN SACHS & COMPANY		1,650,000	1,650,000		2FE
91159H-JA-9	US BANCORP SERIES MTN 1.375% 07/22/30		07/16/2020	U.S. BANCORP INVESTMENTS INC		27,323,725	27,500,000		1FE
92343V-FL-3	VERIZON COMMUNICATIONS 1.500% 09/18/30		09/16/2020	BANK OF AMERICA		8,540,510	8,550,000		2FE
92826C-AQ-5	VISA INC 2.000% 08/15/50		08/10/2020	WELLS FARGO		4,130,244	4,175,000		1FE
Z04799-55-7	COCA COLA CO THE 2.500% 03/15/51		09/14/2020	JP MORGAN SECURITIES		4,571,756	4,600,000		1FE
63307A-2L-8	NATIONAL BANK OF CANADA 0.900% 08/15/23	A.	07/06/2020	NATIONAL BANC FINANCIAL		10,443,730	10,450,000		1FE
046353-AX-6	ASTRAZENECA PLC 2.125% 08/06/50	D.	08/03/2020	BANK OF AMERICA		2,129,456	2,175,000		2FE
05523R-AF-4	BAE SYSTEMS PLC SERIES 144A 1.900% 02/15/31	D.	09/08/2020	RBC DAIN RAUSCHER INC.		4,763,136	4,800,000		2FE
05583J-AH-5	BPCE SA SERIES 144A 1.652% 10/06/26	D.	09/29/2020	WELLS FARGO		9,175,000	9,175,000		1FE
09659W-ZM-5	BNP PARIBAS SERIES 144A 1.904% 09/30/28	D.	09/23/2020	BNP PARIBAS		22,000,000	22,000,000		4Z
12547L-AA-6	CIFC FUNDING LTD SERIES 2020-2A CLASS A1 144A 1.922% 08/24/32	D.	07/20/2020	RBC DAIN RAUSCHER INC.		10,000,000	10,000,000		1FE
377373-AL-9	GLAXOSMITHKLINE CAPITAL 0.534% 10/01/23	D.	09/28/2020	BANK OF AMERICA		23,075,000	23,075,000		1FE
606822-BU-7	MITSUBISHI UFJ FIN GRP 2.048% 07/17/30	D.	07/13/2020	MITSUBISHI UFJ SECURITIES USA		8,400,000	8,400,000		1FE
632525-AU-5	NATIONAL AUSTRALIA BANK SERIES 144A 2.332% 08/21/30	D.	08/17/2020	JP MORGAN SECURITIES		7,825,000	7,825,000		2FE
67098U-AA-3	OAK HILL CREDIT PARTNERS SERIES 2020-6A CLASS A1 144A 1.922% 07/20/31	D.	07/01/2020	BANK OF AMERICA		7,500,000	7,500,000		1FE
3899999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)						677,508,643	676,871,928	727,418	XXX
8399997. Total - Bonds - Part 3						841,574,064	839,145,472	802,017	XXX
8399998. Total - Bonds - Part 5						XXX	XXX	XXX	XXX
8399999. Total - Bonds						841,574,064	839,145,472	802,017	XXX
8999997. Total - Preferred Stocks - Part 3							XXX		XXX
8999998. Total - Preferred Stocks - Part 5						XXX	XXX	XXX	XXX
8999999. Total - Preferred Stocks							XXX		XXX
9799997. Total - Common Stocks - Part 3							XXX		XXX
9799998. Total - Common Stocks - Part 5						XXX	XXX	XXX	XXX
9799999. Total - Common Stocks							XXX		XXX
9899999. Total - Preferred and Common Stocks							XXX		XXX
9999999 - Totals						841,574,064	XXX	802,017	XXX

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	For- eign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consid- eration	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 Recogn- ized	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	NAIC Desig- nation and Admini- strative Symbol
228027-AA-6	VESSEL MANAGEMENT SERVIC US GOVT GUARANT 3.432% 08/15/36		08/15/2020	Call 100.0000		89,000	89,000	89,000	89,000						89,000				3,054	08/15/2036	1
228027-AB-4	VESSEL MANAGEMENT SERVIC US GOVT GUARANT 3.477% 01/16/37		07/16/2020	Call 100.0000		140,000	140,000	140,000	140,000						140,000				4,868	01/16/2037	1
29766D-AF-1	ETHIOPIAN LEASING 2012 US GOVT GUARANT 2.646% 05/12/26		08/12/2020	Redemption 100.0000		537,089	537,089	537,089	537,089						537,089				10,659	05/12/2026	1
29766D-AG-9	ETHIOPIAN LEASING 2012 US GOVT GUARANT 2.566% 08/14/26		08/14/2020	Redemption 100.0000		216,364	216,364	216,364	216,364						216,364				4,164	08/14/2026	1
30217T-AA-0	EXPORT LEASE TEN CO LLC US GOVT GUARANT 1.650% 05/07/25		08/07/2020	Redemption 100.0000		84,793	84,793	81,196	82,906		1,887		1,887		84,793				1,049	05/07/2025	1
361744-PJ-1	GN A04025 3.700% 10/15/33		09/01/2020	Paydown 114,553		114,553	114,553	117,989	117,220		(2,667)		(2,667)		114,553				2,826	10/15/2033	1
361708-L6-7	GNMA POOL BX3949 1.730% 07/15/37		09/01/2020	Paydown 124,533		124,533	124,533	124,689	124,533		(156)		(156)		124,533				180	07/15/2037	1
36181R-SZ-4	GN AF9864 4.250% 09/15/38		09/01/2020	Paydown 311,177		311,177	311,177	339,973	311,177		(28,796)		(28,796)		311,177				2,207	09/15/2038	1
367333-AD-3	GATE CAPITAL CAYMAN TWO US GOVT GUARANT 2.637% 12/02/21		09/02/2020	Redemption 100.0000		310,294	310,294	310,294	310,294						310,294				6,137	12/02/2021	1
49549C-AA-6	KING INTL LEASING LLC US GOVT GUARANT 2.754% 10/15/22		07/15/2020	Redemption 100.0000		193,948	193,948	193,948	193,948						193,948				4,006	10/15/2022	1
59280P-AA-9	MEXICAN AIR FINANCE IV US GOVT GUARANT 2.537% 07/13/25		07/13/2020	Redemption 100.0000		318,383	318,383	318,383	318,383						318,383				6,058	07/13/2025	1
690353-XM-4	OVERSEAS PRIVATE INV COR US GOVT GUARANT 3.590% 12/15/30		09/15/2020	Redemption 100.0000		35,714	35,714	35,714	35,714						35,714				962	12/15/2030	1
690353-XN-2	OVERSEAS PRIVATE INV COR US GOVT GUARANT 3.540% 06/15/30		09/15/2020	Redemption 100.0000		124,997	124,997	124,997	124,997						124,997				3,319	06/15/2030	1
71654Q-BL-5	PETROLEOS MEXICANOS US GOVT GUARANT 2.830% 02/15/24		08/15/2020	Redemption 100.0000		750,000	750,000	750,000	750,000						750,000				21,225	02/15/2024	1
71654Q-BP-6	PETROLEOS MEXICANOS US GOVT GUARANT 2.290% 02/15/24		08/15/2020	Redemption 100.0000		750,000	750,000	750,000	750,000						750,000				17,175	02/15/2024	1
71654Q-BS-0	PETROLEOS MEXICANOS US GOVT GUARANT 0.625% 04/15/25		07/15/2020	Redemption 100.0000		125,000	125,000	123,125	123,982		1,018		1,018		125,000				1,936	04/15/2025	1
746388-AA-5	PURPLE CHEN 2011 LLC US GOVT GUARANT 2.735% 08/01/23		08/01/2020	Redemption 100.0000		573,601	573,601	573,601	573,601						573,601				11,766	08/01/2023	1
797224-AB-8	SAN CLEMENTE LEASING LLC US GOVT GUARANT 3.350% 06/07/22		09/07/2020	Redemption 100.0000		97,828	97,828	97,828	97,828						97,828				2,458	06/07/2022	1
797224-AC-6	SAN CLEMENTE LEASING LLC US GOVT GUARANT 3.030% 11/22/22		08/10/2020	Call 102.8240		307,778	299,325	299,325	299,325						299,325				13,819	11/22/2022	1
797224-AC-6	SAN CLEMENTE LEASING LLC US GOVT GUARANT 3.030% 11/22/22		08/22/2020	Redemption 100.0000		155,596	155,596	155,596	155,596						155,596				2,947	11/22/2022	1
79977T-AA-7	SANDALWOOD 2013 LLC US GOVT GUARANT 2.836% 07/10/25		07/10/2020	Redemption 100.0000		374,531	374,531	374,531	374,531						374,531				7,966	07/10/2025	1
79977T-AB-5	SANDALWOOD 2013 LLC US GOVT GUARANT 2.897% 07/10/25		07/10/2020	Redemption 100.0000		330,469	330,469	330,469	330,469						330,469				7,180	07/10/2025	1
805649-AA-8	SAYARRA LTD US GOVT GUARANT 2.774% 10/29/21		07/29/2020	Redemption 100.0000		260,004	260,004	260,004	260,004						260,004				5,409	10/29/2021	1
876780-AA-5	TAYARRA LTD US GOVT GUARANT 3.628% 02/15/22		08/15/2020	Redemption 100.0000		123,136	123,136	123,136	123,136						123,136				3,351	02/15/2022	1
89609G-AA-0	TRICAHUE LEASING LLC US GOVT GUARANT 3.503% 11/19/21		08/19/2020	Redemption 100.0000		120,972	120,972	120,972	120,972						120,972				3,226	11/19/2021	1
89609G-AB-8	TRICAHUE LEASING LLC US GOVT GUARANT 3.744% 02/26/22		08/26/2020	Redemption 100.0000		91,132	91,132	91,132	91,132						91,132				2,586	02/26/2022	1
90373R-AA-8	ULANI MSN 35940 LLC US GOVT GUARANT 2.227% 05/16/25		08/16/2020	Redemption 100.0000		208,333	208,333	208,333	208,333						208,333				3,480	05/16/2025	1
92242V-AB-2	VCK LEASE SA US GOVT GUARANT 2.591% 07/24/26		07/24/2020	Redemption 100.0000		434,287	434,287	434,287	434,287						434,287				8,439	07/24/2026	1
98913L-AB-9	ZARAPI TO LEASING LLC US GOVT GUARANT 2.628% 11/12/26		08/12/2020	Redemption 100.0000		205,543	205,543	205,543	205,543						205,543				4,070	11/12/2026	1
0599999	Subtotal - Bonds - U.S. Governments					7,509,055	7,500,602	7,527,518	7,064,654		(28,714)		(28,714)		7,500,602				166,522	XXX	XXX

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Ident- ification	Description	For- eign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consid- eration	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 Recogn- ized	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	NAIC Desig- nation and Admini- strative Symbol
14440P-AA-1	CARPINTERO FINANCE LTD GOVT GTD. 2.004% 09/18/24	D	09/18/2020	Redemption 100.0000		229,185	229,185	229,185	209,130		20,055		20,055		229,185				5,619	09/18/2024	1
1099999	Subtotal - Bonds - All Other Governments							229,185	229,185	229,185	209,130		20,055		229,185				5,619	XXX	XXX
591852-UZ-9	MET COUNCIL MINNEAPOLIS-SAINT Metropolitan Council 1.75 09/0 1.750% 09/01/20		09/01/2020	Maturity		9,360,000	9,360,000	9,402,962	9,363,764		(3,764)		(3,764)		9,360,000				163,800	09/01/2020	1FE
2499999	Subtotal - Bonds - U.S. Political Subdivisions of States, Territories and Possessions							9,360,000	9,360,000	9,402,962	9,363,764		(3,764)		9,360,000				163,800	XXX	XXX
3133KY-SV-2	FHLMC POOL RB5032 2.500% 02/01/40		09/01/2020	Paydown		2,903,251	2,903,251	2,957,686		(54,436)			(54,436)		2,903,251				30,537	02/01/2040	1
31359U-PG-4	FNW 1998-W2 B1 SUB 6.500% 06/25/28		09/01/2020	Paydown		21,737	21,737	20,806	21,144	593			593		21,737				951	06/25/2028	3FE
31359U-PH-2	FNW 1998-W2 B2 SUB 6.500% 06/25/28		09/01/2020	Paydown		21,737	21,737	20,487	20,952	785			785		21,737				951	06/25/2028	5FE
3136A1-T3-9	FNR 2011-115 MB PAC-11 2.500% 11/25/26		09/01/2020	Paydown		472,536	472,536	479,919	477,493	(4,957)			(4,957)		472,536				7,916	11/25/2026	1
3136AA-A2-1	FNR 2012-133 NA PAC-11 1.500% 05/25/42		09/01/2020	Paydown		318,669	318,669	317,972	318,038	631			631		318,669				3,185	05/25/2042	1
3136AA-FR-1			09/01/2020	Paydown		589,091	589,091	601,517	599,887	(10,796)			(10,796)		589,091				7,785	11/25/2042	1
3136AG-JV-5	FNR 2013-94 CA EXCH SEQ 3.500% 08/25/38		09/01/2020	Paydown		642,739	642,739	669,604	654,385	(11,646)			(11,646)		642,739				15,171	08/25/2038	1
3136AS-5M-4	FNR 2016-53 GA SEQ 3.500% 12/25/43		09/01/2020	Paydown		494,903	494,903	525,100	515,131	(20,227)			(20,227)		494,903				11,773	12/25/2043	1
3136AS-OR-0	FNR 2016-37 MJ EXCH SEQ 3.500% 08/25/43		09/01/2020	Paydown		487,744	487,744	516,551	505,613	(17,869)			(17,869)		487,744				11,545	08/25/2043	1
3136AX-W2-8			09/01/2020	Paydown		206,374	206,374	210,663	210,501	(4,127)			(4,127)		206,374				4,067	02/25/2044	1
3136AX-TU-9	FNR 2017-62 AB EXCH PAC 3.000% 08/25/45		09/01/2020	Paydown		568,374	568,374	582,761	580,936	(12,562)			(12,562)		568,374				11,361	08/25/2045	1
3136B2-XP-2	FNR 2018-58 P AD PAC 4.000% 12/25/44		09/01/2020	Paydown		1,326,868	1,326,868	1,367,088	1,365,517	(38,649)			(38,649)		1,326,868				35,762	12/25/2044	1
3136B7-3Z-2	FANNIE MAE FANNIE MAE 3.500% 11/01/49		09/01/2020	Redemption 100.0000		63,881	63,881	66,117	66,117	(2,236)			(2,236)		63,881				1,677	11/01/2049	1
3137AG-R3-6	FHR 3935 GA EXCH PAC-11 3.000% 10/15/26		09/01/2020	Paydown		290,408	290,408	302,705	299,081	(8,673)			(8,673)		290,408				5,738	10/15/2026	1
3137AG-UM-0	FHR 3940 CB SCH-11 3.000% 01/15/25		09/01/2020	Paydown		388,487	388,487	404,634	399,400	(10,912)			(10,912)		388,487				7,793	01/15/2025	1
3137AJ-CP-7	FHR 3958 PA PAC-11 3.000% 11/15/26		09/01/2020	Paydown		400,335	400,335	417,209	412,530	(12,195)			(12,195)		400,335				7,999	11/15/2026	1
3137BA-D6-6	FHR 4323 CA EXCH SEQ 4.000% 03/15/40		09/01/2020	Paydown		1,082,773	1,082,773	1,145,710	1,117,750	(34,977)			(34,977)		1,082,773				29,125	03/15/2040	1
3137BM-ZE-9	FHR 4550 GA SEQ 3.000% 10/15/41		09/01/2020	Paydown		1,576,766	1,576,766	1,639,590	1,608,814	(32,048)			(32,048)		1,576,766				31,851	10/15/2041	1
3137BN-E8-3	FHR 4565 DM EXCH SEQ 3.000% 02/15/42		09/01/2020	Paydown		1,136,107	1,136,107	1,177,291	1,162,369	(26,262)			(26,262)		1,136,107				22,856	02/15/2042	1
3137BR-E3-5	FHR 4607 A EXCH SEQ 3.000% 11/15/40		09/01/2020	Paydown		1,160,438	1,160,438	1,205,404	1,185,087	(24,650)			(24,650)		1,160,438				23,276	11/15/2040	1
3137BS-DP-5	FHR 4622 GA SEQ 3.000% 05/15/41		09/01/2020	Paydown		977,978	977,978	999,983	993,136	(15,157)			(15,157)		977,978				19,702	05/15/2041	1
3137BS-DS-9	FHR 4622 HA SEQ 3.000% 11/15/43		09/01/2020	Paydown		535,003	535,003	560,081	553,679	(18,676)			(18,676)		535,003				10,374	11/15/2043	1
3137BS-E7-4	FHR 4622 JA SEQ 3.000% 12/15/42		09/01/2020	Paydown		1,091,778	1,091,778	1,137,496	1,127,184	(35,406)			(35,406)		1,091,778				21,995	12/15/2042	1
3137BS-UB-7	FHR 4628 BA EXCH SEQ 3.000% 05/15/41		09/01/2020	Paydown		1,051,663	1,051,663	1,071,381	1,064,543	(12,880)			(12,880)		1,051,663				21,186	05/15/2041	1
3137BW-2C-7	FHR 4671 CA EXCH SEQ 3.500% 08/15/43		09/01/2020	Paydown		298,295	298,295	309,015	306,323	(8,028)			(8,028)		298,295				6,930	08/15/2043	1
3137BX-CX-8	FHR 4673 KA EXCH SEQ 3.500% 08/15/42		09/01/2020	Paydown		2,869,182	2,869,182	2,971,396	2,937,916	(68,735)			(68,735)		2,869,182				66,939	08/15/2042	1
3137F1-4B-1	FHR 4690 OA EXCH SEQ 3.500% 05/15/44		09/01/2020	Paydown		1,570,645	1,570,645	1,617,764	1,608,075	(37,430)			(37,430)		1,570,645				36,569	05/15/2044	1
3137F1-5E-4	FHR 4690 IA EXCH SEQ 3.500% 12/15/43		09/01/2020	Paydown		2,859,681	2,859,681	2,954,408	2,934,424	(74,743)			(74,743)		2,859,681				67,057	12/15/2043	1
3137F3-QV-9	FHR 4764 DA EXCH SEQ 4.000% 07/15/45		09/01/2020	Paydown		1,630,622	1,630,622	1,668,840	1,663,084	(32,462)			(32,462)		1,630,622				43,133	07/15/2045	1
3137F4-DB-5	FHR 4778 BA EXCH SEQ 4.000% 09/15/45		09/01/2020	Paydown		1,649,311	1,649,311	1,688,482	1,679,922	(30,611)			(30,611)		1,649,311				43,714	09/15/2045	1
3137F4-S7-8	FHR 4776 IA EXCH SEQ 4.000% 07/15/45		09/01/2020	Paydown		1,078,200	1,078,200	1,103,133	1,099,058	(20,858)			(20,858)		1,078,200				28,668	07/15/2045	1
3137FA-E7-9	FHR 4708 B EXCH SEQ 3.500% 10/15/44		09/01/2020	Paydown		2,290,439	2,290,439	2,371,320	2,356,027	(65,588)			(65,588)		2,290,439				53,460	10/15/2044	1
3137FB-D3-7	FHR 4728 A EXCH SEQ 3.500% 02/15/45		09/01/2020	Paydown		1,389,228	1,389,228	1,436,711	1,428,566	(39,338)			(39,338)		1,389,228				32,425	02/15/2045	1
3137FB-HU-3	FHR 4725 QT EXCH SEQ 3.500% 01/15/45		09/01/2020	Paydown		2,325,714	2,325,714	2,403,662	2,391,631	(65,917)			(65,917)		2,325,714				54,283	01/15/2045	1
3137FC-S9-6	FHR 4749 GA SEQ 3.500% 10/15/44		09/01/2020	Paydown		1,398,248	1,398,248	1,420,314	1,416,760	(18,512)			(18,512)		1,398,248				32,416	10/15/2044	1
3137FD-6W-7	FHR 4748 YA EXCH SEQ 3.500% 09/15/44		09/01/2020	Paydown		2,832,606	2,832,606	2,898,995	2,885,438	(52,833)			(52,833)		2,832,606				65,845	09/15/2044	1
3138EL-N8-2	FNMA AL4014 3.500% 07/01/43		09/01/2020	Paydown		306,246	306,246	327,061	325,992	(19,747)			(19,747)								

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21	22	
										11	12	13	14	15								
CUSIP Ident-ification	Description	For- eign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consid-eration	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 Recogn-ized	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	NAIC Design- ation and Admini- strative Symbol	
31418D-GJ-5	FNMA POOL MA3800 3.000% 10/01/39		09/01/2020	Paydown		2,276,872	2,276,872	2,333,794	2,333,295		(56,423)		(56,423)		2,276,872				46,172	10/01/2039	1	
31418D-HJ-4	FNMA POOL MA3832 3.500% 11/01/39		09/01/2020	Paydown		1,892,994	1,892,994	1,967,531	1,967,148		(74,154)		(74,154)		1,892,994				43,985	11/01/2039	1	
31418D-JP-8	FNMA POOL MA3869 3.500% 12/01/39		09/01/2020	Paydown		1,674,592	1,674,592	1,742,622	1,742,324		(67,733)		(67,733)		1,674,592				39,302	12/01/2039	1	
31418D-LP-5	FNMA POOL MA3933 2.500% 02/01/40		09/01/2020	Paydown		2,967,394	2,967,394	3,010,051			(42,656)		(42,656)		2,967,394				31,953	02/01/2040	1	
31418D-MP-4	FNMA POOL MA3965 2.500% 03/01/40		09/01/2020	Paydown		2,868,597	2,868,597	2,907,143			(38,547)		(38,547)		2,868,597				32,238	03/01/2040	1	
31418D-P4-8	FNMA POOL MA4042 2.000% 06/01/35		09/01/2020	Paydown		467,222	467,222	481,676			(14,455)		(14,455)		467,222				1,216	06/01/2035	1	
31418D-Q2-1	FNMA POOL MA4072 2.500% 07/01/40		09/01/2020	Paydown		282,599	282,599	293,682			(11,083)		(11,083)		282,599				902	07/01/2040	1	
31418D-Q4-7	FNMA POOL MA4074 2.000% 07/01/35		09/01/2020	Paydown		431,752	431,752	445,109			(13,357)		(13,357)		431,752				1,122	07/01/2035	1	
31418D-QG-0	FNMA POOL MA4054 2.500% 06/01/40		09/01/2020	Paydown		445,187	445,187	462,646			(17,460)		(17,460)		445,187				1,470	06/01/2040	1	
69848A-AA-6	PANHANDLE TX ECON DEV CORP LEA Panhandle Economic Develo 3.98 3.985% 07/15/48		07/15/2020	Redemption	100.0000					44,084	44,084		(593)		44,084					1,757	07/15/2048	1FE
3199999.Subtotal - Bonds - U.S. Special Revenues						57,225,776	57,225,776	58,919,980	48,050,248		(1,382,474)		(1,382,474)		57,225,776					1,180,221	XXX	XXX
00206R-CN-0	AT&T INC SR UNSEC 3.400% 05/15/25		08/07/2020	TENDER SALE		15,842,913	14,550,000	14,506,932	14,525,202		2,607		2,607		14,527,809		1,315,104	1,315,104	366,903	05/15/2025	2FE	
00507V-AH-2	ACTIVISION BLIZZARD SR UNSEC 2.300% 09/15/21		09/04/2020	Call 101.8618		1,884,443	1,850,000	1,848,043	1,849,212		308		308		1,849,520		480	480	75,693	09/15/2021	2FE	
00507V-AL-3	ACTIVISION BLIZZARD SR UNSEC 2.600% 06/15/22		09/04/2020	Call 103.9085		1,272,879	1,225,000	1,220,958	1,222,976		544		544		1,223,520		1,480	1,480	70,793	06/15/2022	2FE	
015271-AD-1	ALEXANDRIA REAL ESTATE E CO.GUARNT 3.900% 06/15/23		08/04/2020	TENDER SALE		1,648,470	1,500,000	1,508,145	1,506,384		(1,114)		(1,114)		1,505,270		143,200	143,200	37,375	06/15/2023	2FE	
032654-AR-6	ANALOG DEVICES INC SR UNSEC 2.950% 01/12/21		09/25/2020	Call 100.8130		6,552,845	6,500,000	6,472,180	6,489,547		7,422		7,422		6,496,968		3,032	3,032	283,478	01/12/2021	2FE	
03523T-BP-2	ANHEUSER-BUSCH INBEV WOR CO.GUARNT 2.500% 07/15/22		08/12/2020	Call 104.2590		4,138,040	3,969,000	3,870,582	3,937,175		7,551		7,551		3,944,727		24,273	24,273	275,707	07/15/2022	2FE	
035240-AJ-9	ANHEUSER-BUSCH INBEV WOR CO.GUARNT 3.500% 01/12/24		09/14/2020	TENDER SALE		7,354,657	6,700,000	6,666,969	6,676,050		3,990		3,990		6,680,040		674,617	674,617	276,840	01/12/2024	2FE	
05607U-AA-7	BXGNT 2018-A A SEQ 3.770% 02/02/34		09/02/2020	Paydown		160,037	160,037	159,997	160,000		37		37		160,037				4,055	02/02/2034	1FE	
07261L-BA-9	BAY STATE GAS CO SR UNSEC 6.260% 02/15/28		09/17/2020	DIRECT		7,050,000	5,000,000	5,431,050	5,209,412		(14,826)		(14,826)		5,194,586		1,855,414	1,855,414	352,994	02/15/2028	2FE	
075887-AW-9	BECTION DICKINSON AND CO SR UNSEC 3.250% 11/12/20		09/29/2020	Call 100.3606		37,133	37,000	38,388	37,208		(179)		(179)		37,029		(29)	(29)	1,192	11/12/2020	2FE	
110122-BK-3	BRISTOL MYERS SQUIBB CO SERIES 144A 3.250% 02/20/23		07/15/2020	Tax Free Exchange		5,121,379	5,000,000	5,151,600	5,146,362		(24,983)		(24,983)		5,121,379				146,701	02/20/2023	1FE	
110122-BP-2	BRISTOL MYERS SQUIBB CO SERIES 144A 3.450% 11/15/27		07/15/2020	Tax Free Exchange		8,055,531	7,650,000	8,089,271	8,083,321		(27,790)		(27,790)		8,055,531				175,950	11/15/2027	1FE	
110122-BQ-0	BRISTOL MYERS SQUIBB CO SERIES 144A 3.900% 02/20/28		07/15/2020	Tax Free Exchange		13,033,758	12,000,000	13,116,036	13,101,806		(68,049)		(68,049)		13,033,758				422,500	02/20/2028	1FE	
110122-BZ-0	BRISTOL-MYERS SQUIBB CO SR UNSEC 2.900% 07/26/24		07/14/2020	Tax Free Exchange		2,143,511	2,150,000	2,141,658	2,142,683		828		828		2,143,511				72,395	07/26/2024	1FE	
11135F-AM-3	BROADCOM INC SERIES 144A 3.459% 09/15/26		08/07/2020	Tax Free Exchange		5,037,638	5,046,000	5,037,492			145		145		5,037,638				36,848	09/15/2026	2FE	
12200B-AA-6	BURLINGTN NO SF 04-1 TR PT CERTS 4.575% 01/15/21		07/15/2020	Redemption	100.0000										60				3	01/15/2021	1FE	
12510H-AB-6	CAPITAL AUTOMOTIVE REIT SERIES 2020-1A CLASS A2 144A 3.030% 02/15/50		09/15/2020	Paydown		99,896	99,896	99,879			17		17		99,896				1,704	02/15/2050	1FE	
125523-BQ-2	CIGNA CORP SERIES 144A 3.900% 02/15/22		07/15/2020	Tax Free Exchange		3,175,029	3,100,000	3,210,208	3,199,807		(24,779)		(24,779)		3,175,029				110,825	02/15/2022	2FE	
125523-CA-6	CIGNA CORP SERIES 144A 3.400% 03/01/27		07/14/2020	Tax Free Exchange		6,356,739	6,200,000	6,373,408	6,368,441		(11,701)		(11,701)		6,356,739				183,279	03/01/2027	2FE	
14314E-AD-3	CARIX 2016-3 A4 SEQ 1.600% 01/18/22		09/15/2020	Paydown		1,200,462	1,200,462	1,200,254	1,200,423		39		39		1,200,462				12,739	01/18/2022	1FE	
17119B-AD-9	CCART 2016-BA A4 SEQ 1.870% 02/15/22		08/15/2020	Paydown		548,342	548,342	548,241	548,332		11		11		548,342				6,129	02/15/2022	1FE	
202795-HV-5	COMMONWEALTH EDISON CO 1ST MORTG 4.000% 08/01/20		08/01/2020	Maturity		12,200,000	12,200,000	11,966,872	12,182,802		17,198		17,198		12,200,000				488,000	08/01/2020	1FE	
210518-CT-1	CONSUMERS ENERGY CO 1ST MORTG 2.850% 05/15/22		09/24/2020	Call 104.1950		1,172,194	1,125,000	1,124,899	1,124,975		8		8		1,124,982		18	18	74,715	05/15/2022	1FE	
22822V-AD-3	CROWN CASTLE INTL CORP SR UNSEC 2.250% 09/01/21		07/06/2020	Call 102.0120		2,065,743	2,025,000	2,024,433	2,024,804		59		59		2,024,863		137	137	79,345	09/01/2021	2FE	
233050-AC-7	DBLBS 2011-LC1A A3 SEQ 5.002% 11/10/46		09/01/2020	Paydown		1,575,318	1,575,318	1,590,973	1,574,530		787		787		1,575,318				49,123	11/10/2046	1FM	
23305X-AD-3	DBLBS 2011-LC2A A4 SEQ 4.537% 07/10/44		07/01/2020	Paydown		1,532,852	1,532,852	1,677,515	1,551,309		(18,456)		(18,456)		1,532,852				40,568	07/10/2044	1FM	
252722-AA-1	DROT 2019-1A A SEQ 2.890% 02/20/32		09/20/2020	Paydown		84,307	84,307	84,537	84,532		(226)		(226)		84,307				1,611	02/20/2032	1FE	
252724-AA-7	DROT 2018-1 A SEQ 3.700% 01/21/31		09/20/2020	Paydown		232,710	232,710	232,707	232,707		2		2		232,710				5,748	01/21/2031	1FE	

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Ident-ification	Description	For-eign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consid-eration	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 Recogn-ized	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	NAIC Desig-nation and Admini-strative Symbol
25470D-AJ-8	DISCOVERY COMMUNICATIONS CO. GUARNT 4.875% 04/01/43		09/16/2020	Taxable Exchange		4,028,473	3,350,000	3,346,248	3,346,754		55		55		3,346,810		681,663	681,663	158,776	04/01/2043	2FE
25470D-BK-4	DISCOVERY COMMUNICATIONS SERIES 144A 4.000% 09/15/55		09/23/2020	Various		4,033,279	3,951,928	4,028,473			(13)		(13)		4,028,460		4,819	4,819	1,756	09/15/2055	2FE
26441Y-BE-6	DUKE REALTY LP 1.750% 07/01/30		08/11/2020			756,788	750,000	743,040			78		78		743,118		13,670	13,670	1,604	07/01/2030	2FE
278865-AL-4	ECOLAB INC SR UNSEC 4.350% 12/08/21		09/12/2020	Call 104.7544		2,136,989	2,040,000	2,038,694	2,039,702		105		105		2,039,807		194	194	164,530	12/08/2021	2FE
294752-AH-3	REGENCY CENTERS CORP CO. GUARNT 3.750% 11/15/22		09/02/2020	Call 107.2465		10,724,650	10,000,000	9,742,900	9,887,518		25,082		25,082		9,912,600		87,400	87,400	1,023,608	11/15/2022	2FE
30259M-AA-4	FCITL 2019-1A A SEQ 3.630% 02/18/31		09/15/2020	Paydown		255,554	255,554	255,510	255,512		42		42		255,554				6,420	02/18/2031	1FE
337932-AK-3	FIRSTENERGY CORP 2.050% 03/01/25		09/17/2020	JP MORGAN SECURITIES		5,121,000	5,000,000	4,989,750			1,155		1,155		4,990,905		130,095	130,095	60,076	03/01/2025	2FE
337932-AL-1	FIRSTENERGY CORP 2.650% 03/01/30		09/16/2020	CIBC WORLD MARKETS		3,184,286	3,075,000	3,072,817			127		127		3,072,944		111,342	111,342	47,082	03/01/2030	2FE
340711-AT-7	FLORIDA GAS TRANSMISSION SR UNSEC 5.450% 07/15/20		07/15/2020	Maturity		2,815,000	2,815,000	3,040,891	2,832,057		(17,057)		(17,057)		2,815,000				153,418	07/15/2020	2FE
34531J-AE-5	FORDL 2018-A A4 SEQ 3.050% 08/15/21		09/15/2020	Paydown		2,750,000	2,750,000	2,749,910	2,749,971		29		29		2,750,000				57,982	08/15/2021	1FE
39121J-AG-5	GREAT RIVER ENERGY 1ST MORTG 7.233% 07/01/38		07/01/2020	Redemption 100.0000		22,738	22,738	22,738	22,738						22,738				1,645	07/01/2038	1FE
39121J-AH-3	GREAT RIVER ENERGY 1ST MORTG 4.478% 07/01/30		07/01/2020	Call 100.0000		552,000	552,000	552,000	552,000						552,000				24,719	07/01/2030	1FE
42225U-AB-0	HEALTHCARE TRUST OF AMER CO. GUARNT 3.700% 04/15/23		09/28/2020	Call 108.2378		7,123,127	6,581,000	6,442,733	6,517,779		13,520		13,520		6,531,299		49,701	49,701	774,126	04/15/2023	2FE
42770L-AA-1	HERO 2015-1A A SEQ 3.840% 09/21/40		09/20/2020	Paydown		311,147	311,147	311,006	311,072		76		76		311,147				11,794	09/21/2040	1FE
42771A-AA-4	HERO 2017-3A A1 SEQ 3.190% 09/20/48		09/20/2020	Paydown		307,208	307,208	307,104	307,110		98		98		307,208				8,476	09/20/2048	1FE
42771L-AB-8	HERO 2017-2A A1 SEQ 3.280% 09/20/48		09/20/2020	Paydown		158,348	158,348	158,328	158,329		19		19		158,348				4,493	09/20/2048	1FE
431282-AN-2	HIGHWOODS REALTY LP SR UNSEC 3.200% 06/15/21		08/12/2020	TENDER SALE		15,935,068	16,111,000	15,820,988	16,032,883		32,732		32,732		16,065,615		(130,548)	(130,548)	342,269	06/15/2021	2FE
43284B-AA-0	HGVT 2018-AA A SEQ 3.540% 02/25/32		09/25/2020	Paydown		75,735	75,735	75,711	75,713		21		21		75,735				1,794	02/25/2032	1FE
44107T-AX-4	HOST HOTELS & RESORTS LP SR UNSEC 3.875% 04/01/24		09/04/2020	SEA PORT GROUP THE LLC		10,379,000	10,000,000	9,957,500	9,973,540		4,052		4,052		9,977,593		401,407	401,407	316,458	04/01/2024	2FE
45138L-AX-1	IDAHO POWER CO 1ST MORTG 3.400% 11/01/20		08/03/2020	Call 100.0000		2,400,000	2,400,000	2,388,024	2,398,849		810		810		2,399,660		340	340	61,200	11/01/2020	1FE
46647S-AJ-9	JPMIT 2017-3 1A5 EXCH AFC SEQ SSNR 3.500% 08/25/47		09/01/2020	Paydown		1,243,505	1,243,505	1,263,323	1,261,568		(18,063)		(18,063)		1,243,505				28,545	08/25/2047	1FM
46648H-AE-3	JPMIT 2017-2 A5 EXCH AFC SEQ SSNR 3.500% 05/25/47		09/01/2020	Paydown		586,971	586,971	574,131	575,254		11,717		11,717		586,971				13,598	05/25/2047	1FM
46648U-AE-4	JPMIT 2017-4 A5 EXCH AFC SEQ SSNR 3.500% 11/25/48		09/01/2020	Paydown		2,787,172	2,787,172	2,753,203	2,764,540		22,632		22,632		2,787,172				64,391	11/25/2048	1FM
46649K-AC-9	JP MORGAN MORTGAGE TRUST SERIES 2018-5 CLASS A3 144A 3.500% 10/25/48		09/01/2020	Paydown		2,007,916	2,007,916	2,044,937	2,044,660		(36,744)		(36,744)		2,007,916				46,110	10/25/2048	1FM
46649Y-AE-5	JPMIT 2018-9 A5 EXCH AFC SEQ SSNR 4.000% 02/25/49		09/01/2020	Paydown		1,462,851	1,462,851	1,479,765	1,472,351		(9,500)		(9,500)		1,462,851				38,575	02/25/2049	1FM
491674-BE-6	KENTUCKY UTILITIES CO 1ST MORTG 3.250% 11/01/20		08/01/2020	Call 100.0000		5,000,000	5,000,000	4,982,096	4,998,187		1,265		1,265		4,999,452		548	548	121,875	11/01/2020	1FE
50540R-AJ-1	LABORATORY CORP OF AMER SR UNSEC 4.625% 11/15/20		08/17/2020	Call 100.0000		8,700,000	8,700,000	8,660,154	8,695,748		3,047		3,047		8,698,794		1,206	1,206	304,017	11/15/2020	2FE
52521R-AS-0	LMT 2007-5 2A3 FLT SSNR AS 0.478% 06/25/37		09/25/2020	Paydown		18,188	18,555	4,158	2,763		15,473		15,473		18,236		(48)	(48)	158	06/25/2037	1FM
553896-AA-9	MVIOT 2017-1A A SEQ 2.420% 12/20/34		09/20/2020	Paydown		252,586	252,586	250,596	250,770		1,816		1,816		252,586				4,071	12/20/2034	1FE
55400D-AA-9	MVIOT SERIES 2019-2A CLASS A 144A 2.220% 10/20/38		09/20/2020	Paydown		596,919	596,919	587,023	506,316		9,903		9,903		596,919				8,280	10/20/2038	1FE
62848B-AA-9	MVIOT 2018-1A A SEQ 3.450% 01/21/36		09/20/2020	Paydown		490,373	490,373	490,464	490,460		(88)		(88)		490,373				11,256	01/21/2036	1FE
63946B-AH-3	NBCUNIVERSAL MEDIA LLC CO. GUARNT 2.875% 01/15/23		09/10/2020	Call 105.8750		3,837,969	3,625,000	3,618,366	3,622,801		485		485		3,623,287		1,713	1,713	333,110	01/15/2023	1FE
65473Q-BH-5	NISOURCE INC SR UNSEC 2.650% 11/17/22		08/18/2020	TENDER SALE		3,100,539	2,950,000	2,946,283	2,947,802		469		469		2,948,271		152,268	152,268	59,066	11/17/2022	2FE
674599-BY-0	OCCIDENTAL PETROLEUM COR SR UNSEC 4.100% 02/01/21		07/09/2020	TENDER SALE		8,913,970	9,334,000	9,331,853	9,333,802		96		96		9,333,898		(419,928)	(419,928)	363,559	02/01/2021	3FE
68233J-BS-2	ONCOR ELECTRIC DELIVERY SERIES 144A 2.750% 05/15/30		08/12/2020	Tax Free Exchange		13,036,384	13,050,000	13,035,776			608		608		13,036,384				141,556	05/15/2030	1FE

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SCHEDULE D - PART 4

Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	For- eign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consid- eration	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 Recogn- ized	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	NAIC Desig- nation and Admini- strative Symbol
68233J-BT-0	ONCOR ELECTRIC DELIVERY SERIES 144A 3.700% 05/15/50		08/11/2020	Tax Free Exchange		5,957,663	5,975,000	5,957,374			289		289		5,957,663				86,588	05/15/2050	1FE
68902V-AB-3	OTIS WORLDWIDE CORP SERIES 144A 3.362% 02/15/50		09/04/2020	Tax Free Exchange		5,803,955	5,805,000	5,803,955							5,803,955				101,377	02/15/2050	2FE
68902V-AF-4	OTIS WORLDWIDE CORP SERIES 144A 2.565% 02/15/30		09/04/2020	Tax Free Exchange		12,374,013	12,375,000	12,374,010			3		3		12,374,013				164,881	02/15/2030	2FE
717081-DR-1	PFIZER INC SR UNSEC 5.200% 08/12/20		08/12/2020	Maturity		3,575,000	3,575,000	3,568,496	3,574,121		879		879		3,575,000				185,900	08/12/2020	1FE
78448W-AB-1	SMB 2017-A A2A SEQ 2.880% 09/15/34		09/15/2020	Paydown		130,087	130,087	130,042	130,049		38		38		130,087				2,493	09/15/2034	1FE
78449K-AB-6	SMB 2016-C A2A SEQ 2.340% 09/15/34		09/15/2020	Paydown		212,853	212,853	210,108	211,210		1,643		1,643		212,853				3,314	09/15/2034	1FE
78449L-AB-4	SMB 2018-B A2A SEQ 3.600% 01/15/37		09/15/2020	Paydown		399,115	399,115	406,467	406,369		(7,254)		(7,254)		399,115				9,537	01/15/2037	1FE
78470R-AC-1	SOFI 2016-E A2B SEQ 2.490% 01/25/36		09/25/2020	Paydown		890,551	890,551	888,368	889,447		1,104		1,104		890,551				14,861	01/25/2036	1FE
	SEQUOIA MORTGAGE TRUST SERIES 2013-5 CLASS A2 144A 3.000% 05/25/43		09/01/2020	Paydown		1,160,661	1,160,661	1,170,092	1,170,036		(9,375)		(9,375)		1,160,661				22,910	05/25/2043	1FM
81745A-AB-3	SEMT 2016-3 A10 EXCH AFC SEQ SSNR 3.500% 11/25/46		09/01/2020	Paydown		528,093	528,093	518,934	519,510		8,583		8,583		528,093				12,082	11/25/2046	1FM
81746N-AK-4	SEMT 2019-1 A4 EXCH AFC SSNR 4.000% 02/25/49		09/01/2020	Paydown		1,042,416	1,042,416	1,052,189	1,049,590		(7,174)		(7,174)		1,042,416				27,844	02/25/2049	1FM
81747A-AG-0	SEMT 2018-7 A4 EXCH AFC SEQ SSNR 4.000% 09/25/48		09/01/2020	Paydown		738,186	738,186	741,877	739,817		(1,630)		(1,630)		738,186				19,207	09/25/2048	1FM
81747W-AG-2	SEQUOIA MORTGAGE TRUST SERIES 2020-2 CLASS A4 144A 3.500% 03/25/50		09/01/2020	Paydown		1,633,798	1,633,798	1,671,324			(37,526)		(37,526)		1,633,798				29,733	03/25/2050	1FE
81748K-AG-7	SEQUOIA MORTGAGE TRUST SERIES 2020-1 CLASS A4 144A 3.500% 02/25/50		09/01/2020	Paydown		2,242,838	2,242,838	2,288,045			(45,207)		(45,207)		2,242,838				45,983	02/25/2050	1FE
81748M-AD-0	SRFC 2019-2A A SEQ 2.590% 05/20/36		09/20/2020	Paydown		490,215	490,215	490,082	490,088		127		127		490,215				8,456	05/20/2036	1FE
82652N-AA-6	SRFC SERIES 2019-3A CLASS A 144A 2.340% 07/15/38		09/20/2020	Paydown		202,261	202,261	202,257	202,257		4		4		202,261				3,166	07/15/2038	1FE
82653D-AA-7	SRFC 2018-2A A SEQ 3.500% 06/20/35		09/20/2020	Paydown		395,045	395,045	393,151	393,128		1,884		1,884		395,045				8,369	06/20/2035	1FE
82653G-AA-0	SRFC 2018-3A A SEQ 3.690% 09/20/35		09/20/2020	Paydown		154,290	154,290	153,528	154,290		758		758		154,290				3,266	09/20/2035	1FE
83189D-AB-6	SMB 2017-B A2A SEQ 2.820% 10/15/35		09/15/2020	Paydown		80,473	80,473	78,349	78,922		1,551		1,551		80,473				1,515	10/15/2035	1FE
83403Y-AB-0	SOFI 2017-B A2FX SEQ 2.740% 05/25/40		09/25/2020	Paydown		724,175	724,175	724,000	724,083		92		92		724,175				13,268	05/25/2040	1FE
83404F-AC-8	SOFI 2017-A A2B SEQ 2.400% 03/26/40		09/25/2020	Paydown		430,961	430,961	425,178	428,003		2,958		2,958		430,961				6,989	03/26/2040	1FE
83404L-AC-7	SOFI 2017-E A2B SEQ 2.720% 11/26/40		09/25/2020	Paydown		549,284	549,284	540,051	543,006		6,278		6,278		549,284				10,593	11/26/2040	1FE
83404L-AC-5	SOFI 2016-D A2B SEQ 2.340% 04/25/33		09/25/2020	Paydown		355,376	355,376	351,449	352,954		2,422		2,422		355,376				5,548	04/25/2033	1FE
83405D-AC-2	SOFI 2017-C A2B SEQ 2.630% 07/25/40		09/25/2020	Paydown		122,774	122,774	122,742	122,746		28		28		122,774				2,165	07/25/2040	1FE
	SOUTHWEST GAS CORP SR UNSEC 4.450% 12/01/20		09/01/2020	Redemption 100.0000																	
844895-AT-9	SASC 2002-AL1 A3 AS OPT SEQ 3.450% 02/25/32		09/01/2020	Paydown		4,200,000	4,200,000	4,192,356	4,199,145		855		855		4,200,000				140,175	12/01/2020	1FE
86358R-XZ-5	SASC 2005-2XS 2A1 XRESET FTV FLT DL 0.674% 02/25/35		09/01/2020	Paydown		35,061	35,061	31,035	33,067		1,995		1,995		35,061				810	02/25/2032	5FE
86359B-2H-3	US BANK NA CINCINNATI SR UNSEC 2.050% 10/23/20		09/23/2020	Call 100.0000		10,000,000	10,000,000	9,998,000	9,999,448		496		496		9,999,944		56	56	187,917	10/23/2020	1FE
87272Q-AA-8	VSTNA 2018-A A SEQ 3.560% 02/20/36		09/20/2020	Paydown		738,793	738,793	750,597	728,971		(11,534)		(11,534)		738,793				17,331	02/20/2036	1FE
90331H-NG-4	VSTNA 2017-A A SEQ 2.330% 03/20/35		09/20/2020	Paydown		202,134	202,134	202,093	202,099		35		35		202,134				3,131	03/20/2035	1FE
918286-AA-3	VFET 2017-1A A4 SEQ 2.210% 11/15/21		09/15/2020	Paydown		2,014,268	2,014,268	2,014,217	2,014,247		21		21		2,014,268				29,610	11/15/2021	1FE
918288-AA-9	WELLS FARGO BANK NA SR UNSEC 3.325% 07/23/21		07/23/2020	Call 100.0000		6,050,000	6,050,000	6,050,000	6,050,000						6,050,000				201,163	07/23/2021	1FE
92887K-AD-2	BANK OF NOVA SCOTIA SR UNSEC 2.150% 07/14/20	A	07/14/2020	Maturity		5,000,000	5,000,000	4,999,300	4,999,872		128		128		5,000,000				107,500	07/14/2020	1FE
94988J-5P-8	ANZ NEW ZEALAND INTL/LDN CO GUARNT 2.200% 07/17/20	D	07/17/2020	Maturity		4,000,000	4,000,000	3,994,360	3,998,949		1,051		1,051		4,000,000				88,000	07/17/2020	1FE
064159-JX-5	DEUTSCHE BANK NY SR UNSEC 2.700% 07/13/20	D	07/13/2020	Maturity		5,000,000	5,000,000	4,993,150	4,998,743		1,257		1,257		5,000,000				135,000	07/13/2020	2FE
00182E-BE-8	RENEW 2018-1 A SEQ 3.950% 09/20/53	D	09/20/2020	Paydown		246,945	246,945	246,851	246,854		91		91		246,945				8,309	09/20/2053	1FE
251525-AT-8	SVENSKA HANDELSBANKEN AB SERIES 144A 0.625% 06/30/23	D	08/17/2020	BNP PARIBAS		34,707,952	34,600,000	34,479,246			5,430		5,430		34,484,676		223,276	223,276	29,434	06/30/2023	1FE
75973F-AA-9	SVENSKA HANDELSBANKEN AB CO GUARNT 1.950% 09/08/20	D	09/08/2020	Maturity		3,350,000	3,350,000	3,346,617	3,349,211		789		789		3,350,000				65,325	09/08/2020	1FE

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21	22	
										11	12	13	14	15								
CUSIP Ident- ification	Description	For- eign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consid- eration	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 Recog- nized	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	NAIC Desig- nation and Admini- strative Symbol	
..902674-XF-2	UBS AG LONDON SR UNSEC 2.200% 06/08/20	D.....	..07/24/2020..	Call	0.000031	.31		.31		(.31)	(.31)	(.31)	(.1,833)	..06/08/2020..	1FE.....
3899999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)						350,585,742	341,688,030	343,182,369	249,622,601		(164,325)		(164,325)		343,289,861		5,326,869	5,326,869	10,218,832	XXX	XXX	
8399997. Total - Bonds - Part 4						424,909,758	416,003,593	419,262,014	314,310,397		(1,559,222)		(1,559,222)		417,605,424		5,326,869	5,326,869	11,734,994	XXX	XXX	
8399998. Total - Bonds - Part 5						XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
8399999. Total - Bonds						424,909,758	416,003,593	419,262,014	314,310,397		(1,559,222)		(1,559,222)		417,605,424		5,326,869	5,326,869	11,734,994	XXX	XXX	
8999997. Total - Preferred Stocks - Part 4							XXX													XXX	XXX	
8999998. Total - Preferred Stocks - Part 5						XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
8999999. Total - Preferred Stocks							XXX													XXX	XXX	
9799997. Total - Common Stocks - Part 4							XXX													XXX	XXX	
9799998. Total - Common Stocks - Part 5						XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
9799999. Total - Common Stocks							XXX													XXX	XXX	
9899999. Total - Preferred and Common Stocks							XXX													XXX	XXX	
9999999 - Totals						424,909,758	XXX	419,262,014	314,310,397		(1,559,222)		(1,559,222)		417,605,424		5,326,869	5,326,869	11,734,994	XXX	XXX	

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

Schedule DL - Part 1 - Reinvested Collateral Assets Owned
N O N E

Schedule DL - Part 2 - Reinvested Collateral Assets Owned
N O N E

SCHEDULE E - PART 1 - CASH

Month End Depository Balances

1	2	3	4	5	Book Balance at End of Each Month During Current Quarter			9
					6	7	8	
					First Month	Second Month	Third Month	
Depository	Code	Rate of Interest	Amount of Interest Received During Current Quarter	Amount of Interest Accrued at Current Statement Date				*
Citibank, N.A. New Castle, DE					(30,635)	(19,628)	(35,827)	XXX
Citibank, N.A. New York, NY					4,646,361	1,920,986	4,166,491	XXX
Harris, N.A. Chicago, IL					71,738	142,892	(4,932)	XXX
JPMorgan Chase Bank, N.A. New York, NY					29,704	29,704	29,704	XXX
The Northern Trust Company Chicago, IL					20,000	20,000	20,000	XXX
Wells Fargo, N.A. Philadelphia, PA					(2,860,007)	(5,903,375)	(7,936,803)	XXX
0199998. Deposits in ... depositories that do not exceed the allowable limit in any one depository (See instructions) - Open Depositories	XXX	XXX						XXX
0199999. Totals - Open Depositories	XXX	XXX			1,877,161	(3,809,421)	(3,761,368)	XXX
0299998. Deposits in ... depositories that do not exceed the allowable limit in any one depository (See instructions) - Suspended Depositories	XXX	XXX						XXX
0299999. Totals - Suspended Depositories	XXX	XXX						XXX
0399999. Total Cash on Deposit	XXX	XXX			1,877,161	(3,809,421)	(3,761,368)	XXX
0499999. Cash in Company's Office	XXX	XXX	XXX	XXX				XXX
0599999. Total - Cash	XXX	XXX			1,877,161	(3,809,421)	(3,761,368)	XXX

STATEMENT AS OF SEPTEMBER 30, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE E - PART 2 - CASH EQUIVALENTS

Show Investments Owned End of Current Quarter

[illegible]