

QUARTERLY STATEMENT

OF THE

TIAA-CREF LIFE INSURANCE COMPANY

TO THE

Insurance Department

OF THE

STATE OF

**FOR THE QUARTER ENDED
MARCH 31, 2020**

☒ **LIFE AND ACCIDENT AND HEALTH**

☐ **FRATERNAL BENEFIT SOCIETIES**

2020



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

QUARTERLY STATEMENT

AS OF MARCH 31, 2020

OF THE CONDITION AND AFFAIRS OF THE

TIAA-CREF Life Insurance Company

NAIC Group Code12161216NAIC Company Code60142Employer's ID Number13-3917848
(Current)(Prior)

Organized under the Laws ofNew York, State of Domicile or Port of EntryNY

Country of DomicileUnited States of America

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

Incorporated/Organized11/20/1996Commenced Business12/18/1996

Statutory Home Office730 Third AvenueNew York, NY, US 10017
(Street and Number)(City or Town, State, Country and Zip Code)

Main Administrative Office730 Third AvenueNew York, NY, US 10017212-490-9000
(Street and Number)(City or Town, State, Country and Zip Code)(Area Code) (Telephone Number)

Mail Address730 Third AvenueNew York, NY, US 10017
(Street and Number or P.O. Box)(City or Town, State, Country and Zip Code)

Primary Location of Books and Records730 Third AvenueNew York, NY, US 10017212-490-9000
(Street and Number)(City or Town, State, Country and Zip Code)(Area Code) (Telephone Number)

Internet Website Addresstiaa.org

Statutory Statement ContactStacy Koon Eisenhauer704-988-4560
(Name)(Area Code) (Telephone Number)

seisenhauer@tiaa.org704-988-4914
(E-mail Address)(FAX Number)

OFFICERS

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

OTHER

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

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

State ofNew York

County ofNew York

SS:

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

day of

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.....

STATEMENT AS OF MARCH 31, 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	9,715,488,168		9,715,488,168	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 (\$(11,539,014)), cash equivalents (\$39,977,947) and short-term investments (\$19,748,380)	48,187,313		48,187,313	279,378,763
6. Contract loans (including \$ premium notes)	40,442,963		40,442,963	39,826,563
7. Derivatives				
8. Other invested assets	4,682,614		4,682,614	4,687,634
9. Receivables for securities	84,241		84,241	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)	9,809,068,181		9,809,068,181	8,990,209,899
13. Title plants less \$ charged off (for Title insurers only)				
14. Investment income due and accrued	80,829,207		80,829,207	75,394,328
15. Premiums and considerations:				
15.1 Uncollected premiums and agents' balances in the course of collection	2,027,580		2,027,580	2,002,582
15.2 Deferred premiums, agents' balances and installments booked but deferred and not yet due (including \$ earned but unbilled premiums)	52,585,461	33,744,077	18,841,384	19,881,357
15.3 Accrued retrospective premiums (\$) and contracts subject to redetermination (\$)				
16. Reinsurance:				
16.1 Amounts recoverable from reinsurers	3,180,623		3,180,623	5,285,289
16.2 Funds held by or deposited with reinsured companies				
16.3 Other amounts receivable under reinsurance contracts	2,632,528		2,632,528	3,315,706
17. Amounts receivable relating to uninsured plans				
18.1 Current federal and foreign income tax recoverable and interest thereon	315,051		315,051	
18.2 Net deferred tax asset	95,191,141	78,184,150	17,006,991	17,543,803
19. Guaranty funds receivable or on deposit	198,858		198,858	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	700,786	700,786		
24. Health care (\$) and other amounts receivable				
25. Aggregate write-ins for other than invested assets	9,080,004	43,359	9,036,645	1,931,240
26. Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 to 25)	10,055,809,420	112,672,372	9,943,137,048	9,115,762,762
27. From Separate Accounts, Segregated Accounts and Protected Cell Accounts	3,025,335,805		3,025,335,805	4,022,073,351
28. Total (Lines 26 and 27)	13,081,145,225	112,672,372	12,968,472,853	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	9,080,004	43,359	9,036,645	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)	9,080,004	43,359	9,036,645	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 MARCH 31, 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 \$3,931,538,679 less \$ included in Line 6.3 (including \$253,021,632 Modco Reserve)	3,931,538,679	3,932,799,458
2. Aggregate reserve for accident and health contracts (including \$ Modco Reserve)		
3. Liability for deposit-type contracts (including \$ Modco Reserve)	5,331,910,874	4,541,418,215
4. Contract claims:		
4.1 Life	10,450,015	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	219,837	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 \$8,549,411 ceded	8,549,411	9,432,036
9.4 Interest Maintenance Reserve	17,989,188	16,159,895
10. Commissions to agents due or accrued-life and annuity contracts \$663,810 , accident and health \$ and deposit-type contract funds \$	663,810	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 \$(5,671,975) accrued for expense allowances recognized in reserves, net of reinsured allowances)	(7,589,432)	(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)		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	713,705	950,213
18. Amounts held for agents' account, including \$ agents' credit balances		
19. Remittances and items not allocated	17,790,906	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	51,496,000	52,680,746
24.02 Reinsurance in unauthorized and certified (\$) companies	3,837,578	4,867,483
24.03 Funds held under reinsurance treaties with unauthorized and certified (\$) reinsurers		
24.04 Payable to parent, subsidiaries and affiliates	10,207,771	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	45,280,483	15,198,043
24.10 Payable for securities lending		
24.11 Capital notes \$ and interest thereon \$		
25. Aggregate write-ins for liabilities	136,949	136,854
26. Total liabilities excluding Separate Accounts business (Lines 1 to 25)	9,423,195,774	8,618,128,744
27. From Separate Accounts Statement	3,014,398,499	4,009,170,763
28. Total liabilities (Lines 26 and 27)	12,437,594,273	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)	(249,121,420)	(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 \$10,937,306 in Separate Accounts Statement)	528,378,580	508,036,606
38. Totals of Lines 29, 30 and 37	530,878,580	510,536,606
39. Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3)	12,968,472,853	13,137,836,113
DETAILS OF WRITE-INS		
2501. Miscellaneous liabilities	136,949	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)	136,949	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)		

STATEMENT AS OF MARCH 31, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

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	106,256,954	142,409,793	624,464,607
2. Considerations for supplementary contracts with life contingencies	620,330	377,205	2,435,429
3. Net investment income	81,571,531	72,214,872	304,807,739
4. Amortization of Interest Maintenance Reserve (IMR)	318,076	259,453	1,300,665
5. Separate Accounts net gain from operations excluding unrealized gains or losses	41,684	(116,436)	445,938
6. Commissions and expense allowances on reinsurance ceded	2,992,766	4,177,373	15,728,677
7. Reserve adjustments on reinsurance ceded	(6,080,868)	2,595,487	6,028,568
8. Miscellaneous Income:			
8.1 Income from fees associated with investment management, administration and contract guarantees from Separate Accounts	4,785,152	6,067,031	23,636,199
8.2 Charges and fees for deposit-type contracts			
8.3 Aggregate write-ins for miscellaneous income	103,727	57,440	372,547
9. Totals (Lines 1 to 8.3)	190,609,352	228,042,218	979,220,369
10. Death benefits	7,600,319	5,131,821	26,255,488
11. Matured endowments (excluding guaranteed annual pure endowments)			
12. Annuity benefits	17,233,344	12,652,144	84,104,087
13. Disability benefits and benefits under accident and health contracts	96,604	99,821	387,206
14. Coupons, guaranteed annual pure endowments and similar benefits			
15. Surrender benefits and withdrawals for life contracts	64,924,106	58,679,813	221,280,777
16. Group conversions			
17. Interest and adjustments on contract or deposit-type contract funds	23,347,864	19,429,395	83,936,368
18. Payments on supplementary contracts with life contingencies	128,136	92,380	451,343
19. Increase in aggregate reserves for life and accident and health contracts	(1,260,779)	49,947,382	400,596,630
20. Totals (Lines 10 to 19)	112,069,594	146,032,756	817,011,899
21. Commissions on premiums, annuity considerations, and deposit-type contract funds (direct business only)	1,990,149	5,713,576	18,918,735
22. Commissions and expense allowances on reinsurance assumed			
23. General insurance expenses and fraternal expenses	15,044,520	30,288,358	136,257,575
24. Insurance taxes, licenses and fees, excluding federal income taxes	1,634,026	4,579,228	12,022,931
25. Increase in loading on deferred and uncollected premiums	2,379,255	1,914,673	(192,465)
26. Net transfers to or (from) Separate Accounts net of reinsurance	18,435,465	28,977,310	140,213,459
27. Aggregate write-ins for deductions	16,255,309	5,825,917	49,746,363
28. Totals (Lines 20 to 27)	167,808,318	223,331,818	1,173,978,497
29. Net gain from operations before dividends to policyholders and federal income taxes (Line 9 minus Line 28)	22,801,034	4,710,400	(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)	22,801,034	4,710,400	(194,758,128)
32. Federal and foreign income taxes incurred (excluding tax on capital gains)	2,172,827	2,499,138	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)	20,628,207	2,211,262	(198,411,378)
34. Net realized capital gains (losses) (excluding gains (losses) transferred to the IMR) less capital gains tax of \$ (1,294,554) (excluding taxes of \$ 570,820	(1,974,479)	566,193	(9,371,244)
35. Net income (Line 33 plus Line 34)	18,653,728	2,777,455	(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)	18,653,728	2,777,455	(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	(2,015,335)	1,373,152	49,275,590
41. Change in nonadmitted assets	3,495,896	961,954	(47,649,399)
42. Change in liability for reinsurance in unauthorized and certified companies	1,029,905	(1,756,317)	(1,575,060)
43. Change in reserve on account of change in valuation basis, (increase) or decrease			
44. Change in asset valuation reserve	1,184,746	(2,268,175)	(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	(2,006,966)	664,983	(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)	20,341,974	1,753,052	9,652,679
55. Capital and surplus, as of statement date (Lines 36 + 54)	530,878,580	502,636,979	510,536,606
DETAILS OF WRITE-INS			
08.301. Miscellaneous income	103,727	57,440	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)	103,727	57,440	372,547
2701. Miscellaneous deductions	16,255,309	5,825,917	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)	16,255,309	5,825,917	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 MARCH 31, 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	107,466,492	139,403,320	619,202,864
2. Net investment income	76,117,906	69,221,918	298,579,800
3. Miscellaneous income	4,045,971	10,440,163	41,852,657
4. Total (Lines 1 to 3)	187,630,369	219,065,401	959,635,321
5. Benefit and loss related payments	107,773,328	80,299,273	375,874,951
6. Net transfers to Separate Accounts, Segregated Accounts and Protected Cell Accounts	16,361,057	29,364,615	141,796,671
7. Commissions, expenses paid and aggregate write-ins for deductions	18,647,333	39,942,866	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)	4,987,135	(1,073,807)	1,047,023
10. Total (Lines 5 through 9)	147,768,853	148,532,947	686,120,173
11. Net cash from operations (Line 4 minus Line 10)	39,861,516	70,532,454	273,515,148
Cash from Investments			
12. Proceeds from investments sold, matured or repaid:			
12.1 Bonds	163,092,182	162,664,012	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	11,889	(1,112)	566
12.7 Miscellaneous proceeds	30,082,440	57,666,772	15,198,043
12.8 Total investment proceeds (Lines 12.1 to 12.7)	193,186,511	220,329,672	889,341,815
13. Cost of investments acquired (long-term only):			
13.1 Bonds	1,212,986,445	512,890,803	1,626,570,527
13.2 Stocks			
13.3 Mortgage loans			
13.4 Real estate			
13.5 Other invested assets			
13.6 Miscellaneous applications	83,053	1,851,698	1,188
13.7 Total investments acquired (Lines 13.1 to 13.6)	1,213,069,498	514,742,501	1,626,571,715
14. Net increase (or decrease) in contract loans and premium notes	616,400	2,539,766	6,055,199
15. Net cash from investments (Line 12.8 minus Line 13.7 and Line 14)	(1,020,499,387)	(296,952,595)	(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	767,288,352	117,387,279	353,547,131
16.5 Dividends to stockholders			
16.6 Other cash provided (applied)	(17,841,931)	(3,294,365)	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)	749,446,421	114,092,914	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) ..	(231,191,450)	(112,327,227)	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)	48,187,313	59,426,039	279,378,763

Note: Supplemental disclosures of cash flow information for non-cash transactions:

20.0001. Security exchanges	5,241,546	43,611,908	148,047,155
20.0002. Capitalized interest on bonds	709,646	554,610	2,461,425
20.0003. Interest credited on deposit type contracts	23,636,062	19,408,162	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	53,609,531	82,597,384	364,581,453
3. Ordinary individual annuities	60,044,983	63,729,073	290,267,364
4. Credit life (group and individual)			
5. Group life insurance	13,268,639	20,419,931	66,149,664
6. Group annuities			
7. A & H - group			
8. A & H - credit (group and individual)			
9. A & H - other	1,735,683	1,725,990	6,925,103
10. Aggregate of all other lines of business			
11. Subtotal (Lines 1 through 10)	128,658,836	168,472,378	727,923,584
12. Fraternal (Fraternal Benefit Societies Only)			
13. Subtotal (Lines 11 through 12)	128,658,836	168,472,378	727,923,584
14. Deposit-type contracts	1,058,076,185	353,249,736	1,411,321,808
15. Total (Lines 13 and 14)	1,186,735,021	521,722,114	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	03/31/2020	12/31/2019
Net Income (loss), New York SAP				\$ 18,653,728	\$ (207,782,622)
New York SAP Prescribed Practices that are an increase/(decrease) from NAIC SAP:					
Additional Reserves for Term Conversions	51R	4	19	184,026	(1,380,307)
Net Income (loss), NAIC SAP				<u>\$ 18,469,702</u>	<u>\$ (206,402,315)</u>
Capital and Surplus, New York SAP				\$ 530,878,580	\$ 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	(563,695)	(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>(6,930,166)</u>	<u>(7,114,192)</u>
Capital and Surplus, NAIC SAP				<u>\$ 538,372,441</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 March 31, 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 expenses during the period. Actual results could 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 the quarter ended March 31, 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 March 31, 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 March 31, 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	\$	9,959,270
	2. 12 Months or Longer	\$	303,833
b. The aggregate related fair value of securities with unrealized losses:	1. Less than 12 Months	\$	326,543,533
	2. 12 Months or Longer	\$	30,025,050

- (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 March 31, 2020:

	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Total
Assets at fair value:					
Separate account assets	\$ 2,995,133,551	\$ 30,202,254	\$ —	\$ —	\$ 3,025,335,805
Total assets at fair value	<u>\$ 2,995,133,551</u>	<u>\$ 30,202,254</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 3,025,335,805</u>
Total liabilities at fair value	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>

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

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

NOTES TO FINANCIAL STATEMENTS

(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 March 31, 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	\$10,048,756,458	\$ 9,715,488,168	\$ —	\$10,034,805,645	\$ 13,950,813	\$ —	\$ —
Preferred stock	2,706,881	182,882	2,706,881	—	—	—	—
Other invested assets	5,822,838	4,682,614	—	5,822,838	—	—	—
Separate account assets	3,025,335,805	3,025,335,805	2,995,133,551	30,202,254	—	—	—
Contract loans	40,442,963	40,442,963	—	—	40,442,963	—	—
Cash, cash equivalents & short term investments	48,188,523	48,187,313	(11,539,015)	59,727,538	—	—	—
Total	<u>\$13,171,253,468</u>	<u>\$12,834,319,745</u>	<u>\$2,986,301,417</u>	<u>\$10,130,558,275</u>	<u>\$ 54,393,776</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	\$ 5,331,910,874	\$ 5,331,910,874	\$ —	\$ —	\$5,331,910,874	\$ —	\$ —
Separate account liabilities...	3,014,398,499	3,014,398,499	—	—	3,014,398,499	—	—
Total	<u>\$ 8,346,309,373</u>	<u>\$ 8,346,309,373</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$8,346,309,373</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 May 8, 2020 for the statutory statement issued on May 8, 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 MARCH 31, 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.

12/31/2013
- 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.

12/31/2013
- 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).

06/10/2015
- 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 [X] No []
- 9.21

If the response to 9.2 is Yes, provide information related to amendment(s).
Effective for January 1, there was a new Code of Business Conduct in place for all enterprise employees. Changes included new Speak Up resources and graphics, as well as minor administrative changes.
- 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:
The company is required to maintain cash or eligible securities on deposit in some states for the protection of policyholders. As of March 31,2020, the statement value of the assets on deposit with states is \$8,095,113.89.
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 MARCH 31, 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	2	3	4	5
Central Registration Depository Number	Name of Firm or Individual	Legal Entity Identifier (LEI)	Registered With	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

[illegible]

STATEMENT AS OF MARCH 31, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE T - PREMIUMS AND ANNUITY CONSIDERATIONS

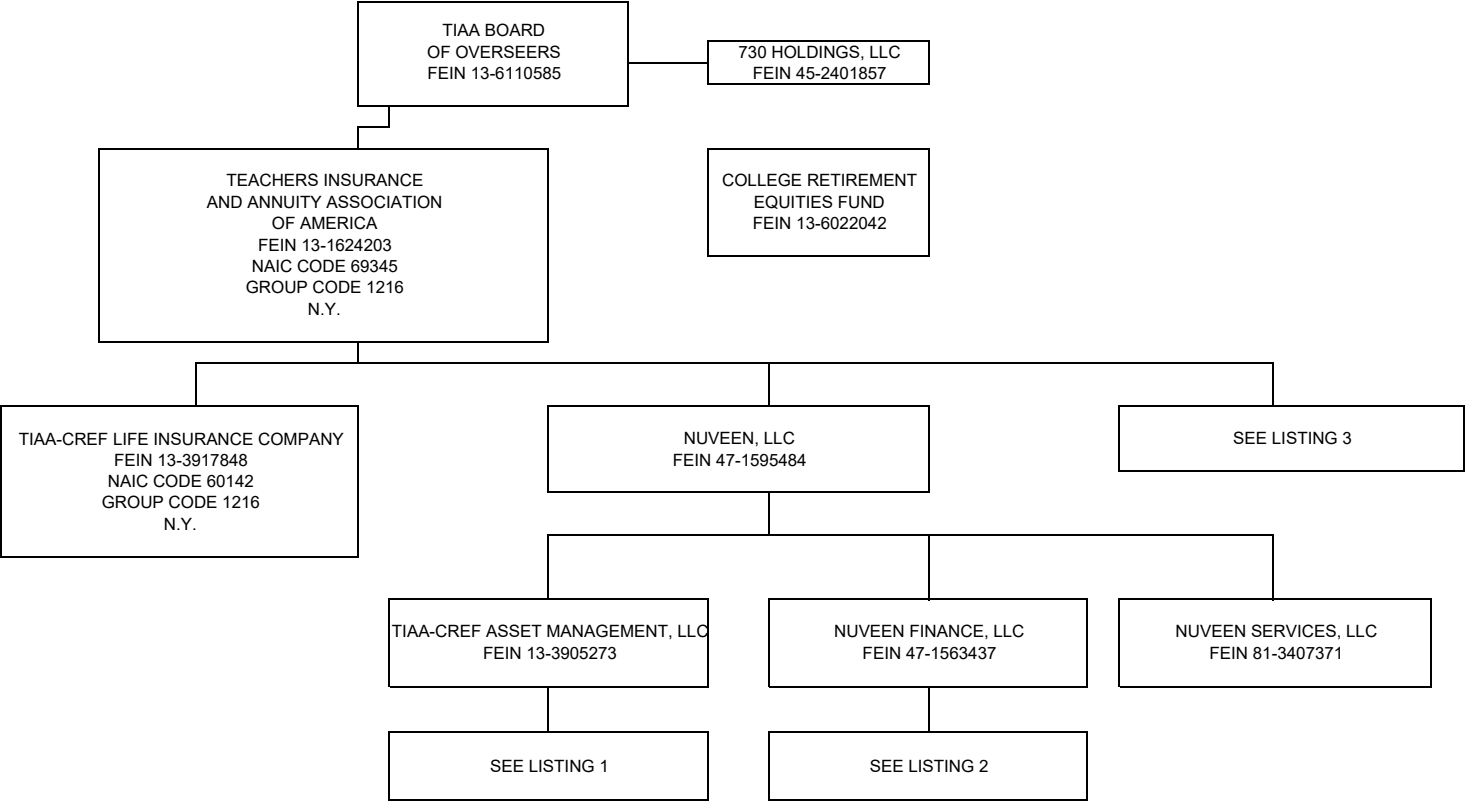
Current Year To Date - Allocated by States and Territories

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	3				
			Active Status (a)	Life Insurance Premiums	Annuity Considerations				
1.	Alabama	AL	L	1,791,266	347,955	33,034		2,172,255	123,536
2.	Alaska	AK	L	888,881	4,200			893,081	
3.	Arizona	AZ	L	825,962	736,394	28,213		1,590,569	
4.	Arkansas	AR	L	261,949	850,273	4,923		1,117,146	
5.	California	CA	L	6,917,938	5,588,481	52,843		12,559,262	356,421,801
6.	Colorado	CO	L	1,312,847	720,329			2,033,176	52,676
7.	Connecticut	CT	L	1,317,567	1,420,664	38,306		2,776,537	69,859,953
8.	Delaware	DE	L	1,048,382	457,125	12,488		1,517,995	
9.	District of Columbia	DC	L	1,636,353	1,018,881	26,166		2,681,401	
10.	Florida	FL	L	3,032,816	6,402,277	252,154		9,687,247	1,065,382
11.	Georgia	GA	L	1,556,032	1,296,435	48,377		2,900,844	73,826,909
12.	Hawaii	HI	L	167,011	16,876	1,997		185,884	
13.	Idaho	ID	L	73,486	1,200	9,168		83,855	
14.	Illinois	IL	L	2,562,152	5,030,881	37,215		7,630,248	834,779
15.	Indiana	IN	L	860,769	2,001,952	28,350		2,891,072	
16.	Iowa	IA	L	1,161,573	498,900	18,319		1,678,793	83,432
17.	Kansas	KS	L	230,813	129,751	7,327		367,891	
18.	Kentucky	KY	L	507,256	23,494	2,023		532,773	
19.	Louisiana	LA	L	232,729	233,085			465,814	
20.	Maine	ME	L	239,323	526,066	6,847		772,236	
21.	Maryland	MD	L	1,730,380	1,280,282	74,806		3,085,468	37,190
22.	Massachusetts	MA	L	3,589,742	1,294,249	113,523		4,997,514	441,194
23.	Michigan	MI	L	1,736,154	605,472	71,712		2,413,337	143,059,465
24.	Minnesota	MN	L	1,334,195	1,084,636	15,135		2,433,966	17,316,410
25.	Mississippi	MS	L	75,130				75,130	3,222,732
26.	Missouri	MO	L	1,414,614	169,225	28,275		1,612,115	
27.	Montana	MT	L	46,241	1,570,154			1,616,396	
28.	Nebraska	NE	L	780,121	41,077	7,483		828,682	
29.	Nevada	NV	L	275,794	906,870	10,338		1,193,002	
30.	New Hampshire	NH	L	205,328	397,865			603,193	
31.	New Jersey	NJ	L	2,724,016	1,862,152	57,292		4,643,460	
32.	New Mexico	NM	L	94,252	119,337			213,590	
33.	New York	NY	L	9,720,722	5,459,893	286,217		15,466,833	987,363
34.	North Carolina	NC	L	1,946,746	2,415,066	30,444		4,392,256	965,993
35.	North Dakota	ND	L	60,158	7,150			67,308	
36.	Ohio	OH	L	1,310,952	1,319,773	47,133		2,677,858	94,521
37.	Oklahoma	OK	L	267,994	26,447	15,415		309,856	19,934,948
38.	Oregon	OR	L	821,471	680,279	26,118		1,527,869	
39.	Pennsylvania	PA	L	4,219,393	4,173,323	134,225		8,526,941	438,492
40.	Rhode Island	RI	L	336,185	366,160	11,173		713,518	
41.	South Carolina	SC	L	439,831	1,307,066	18,221		1,765,117	
42.	South Dakota	SD	L	324,991	1,800			326,791	
43.	Tennessee	TN	L	994,332	1,835,388	15,305		2,845,025	
44.	Texas	TX	L	2,715,641	1,842,614	26,218		4,584,473	
45.	Utah	UT	L	680,483	175,110	1,423		857,016	
46.	Vermont	VT	L	354,794	160,564	11,034		526,392	4,472,737
47.	Virginia	VA	L	1,581,597	628,852	45,208		2,255,657	369,018
48.	Washington	WA	L	1,324,534	1,174,348	30,536		2,529,419	
49.	West Virginia	WV	L	190,118	258,873	17,190		466,180	
50.	Wisconsin	WI	L	621,797	1,375,590	31,663		2,029,051	364,279,979
51.	Wyoming	WY	L	44,106	200,150	1,841		246,098	
52.	American Samoa	AS	N						
53.	Guam	GU	N						
54.	Puerto Rico	PR	N	4,867				4,867	
55.	U.S. Virgin Islands	VI	N	83				83	
56.	Northern Mariana Islands	MP	N						
57.	Canada	CAN	N						
58.	Aggregate Other Aliens	OT	XXX	8,209				8,209	187,675
59.	Subtotal	XXX		68,600,080	60,044,983	1,735,683		130,380,747	1,058,076,185
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		96,604				96,604	
94.	Aggregate or other amounts not allocable by State	XXX							
95.	Totals (Direct Business)	XXX		68,696,684	60,044,983	1,735,683		130,477,351	1,058,076,185
96.	Plus Reinsurance Assumed	XXX							
97.	Totals (All Business)	XXX		68,696,684	60,044,983	1,735,683		130,477,351	1,058,076,185
98.	Less Reinsurance Ceded	XXX		20,666,200		1,735,683		22,401,883	
99.	Totals (All Business) less Reinsurance Ceded	XXX		48,030,485	60,044,983			108,075,468	1,058,076,185
DETAILS OF WRITE-INS									
58001.	ZZZ Other Alien	XXX		8,209				8,209	187,675
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		8,209				8,209	187,675
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 MARCH 31, 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



STATEMENT AS OF MARCH 31, 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	81-1487545	SUBSIDIARY
TIAA-CREF Investment Management, LLC	13-3586142	SUBSIDIARY
Nuveen Alternative Holdings, LLC	46-3870972	SUBSIDIARY
AGR Partners LLC	81-1487545	SUBSIDIARY
AGR Services LLC	36-4853278	SUBSIDIARY
TGAM Agribusiness Fund GP LLC	81-1870559	SUBSIDIARY
Nuveen Agribusiness Fund III GP, LLC	83-4328253	SUBSIDIARY
AGR Services LLC	36-4853278	SUBSIDIARY
Beaver Investments Holdings, LLC	45-5558395	SUBSIDIARY
GreenWood Resources, Inc.	80-0026976	SUBSIDIARY
Greenwood Resources Brasil, Ltda.	45-1875074	SUBSIDIARY
GreenWood Resources Capital Management, LLC	20-8501127	SUBSIDIARY
GWR-GTFF Investment, LLC	20-8955976	SUBSIDIARY
GWR International Ltd.		SUBSIDIARY
GreenWood Resources China Ltd.	98-0595429	SUBSIDIARY
GWR SA, Ltd.		SUBSIDIARY
GreenWood Resources Chile, S.A.		SUBSIDIARY
GWR Europe Ltd.	98-1016332	SUBSIDIARY
GreenWood Resources Poland sp Z.o.o.	98-1016335	SUBSIDIARY
Greenwood Resources Forest Management, LLC	47-4557075	SUBSIDIARY
Greenwood Resources Brasil, Ltda.		SUBSIDIARY
GWR Uruguay S.A.		SUBSIDIARY
Greenwood Resources Colombia SAS		SUBSIDIARY
CAM HR Resources LLC	36-4851864	SUBSIDIARY
Churchill Asset Management LLC	47-3156644	SUBSIDIARY
CAM HR Resources LLC	36-4851864	SUBSIDIARY
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
TGAM Churchill Fund GP LLC	81-1817732	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
TPS Investors GP, LLC		SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
Nuveen Alternative Holdings, LLC (continued)		
Nuveen Alternatives Services, LLC	45-4288091	SUBSIDIARY
TIAA European Farmland Fund GP LP	98-1310748	SUBSIDIARY
TCAS Global Investments LLC	47-1515836	SUBSIDIARY
Nuveen Global Farmland Fund LP, LLC	84-1819349	SUBSIDIARY
Nuveen Global Farmland Fund Lux GP S.à r.l.		SUBSIDIARY
Nuveen International Holdings LLC	26-2719001	SUBSIDIARY
Nuveen Canada Company		SUBSIDIARY
Nuveen Investments Canada Co.		SUBSIDIARY
Nuveen Japan Co., Limited		SUBSIDIARY
Nuveen UK Limited		SUBSIDIARY
TGAM Subsidiary HC LLC	81-4349631	SUBSIDIARY
TGAM APAC LLC	81-4290269	SUBSIDIARY
Nuveen Hong Kong Limited		SUBSIDIARY
TGAM Asia LLC	81-4306975	SUBSIDIARY
TIAA International APAC LLC	81-4499397	SUBSIDIARY
TGAM HK HC LLC	81-4323796	SUBSIDIARY
TIAA International Asia LLC	81-4359164	SUBSIDIARY
TGAM HK HC LLC	81-4323796	SUBSIDIARY
TIAA International Subsidiary HC LLC	81-4390558	SUBSIDIARY
TGAM APAC LLC	81-4290269	SUBSIDIARY
TGAM Asia LLC	81-4306975	SUBSIDIARY
TIAA International APAC LLC	81-4499397	SUBSIDIARY
TIAA International Asia LLC	81-4359164	SUBSIDIARY
TGAM APAC LLC	81-4290269	SUBSIDIARY
TGAM Asia LLC	81-4306975	SUBSIDIARY
TIAA International APAC LLC	81-4499397	SUBSIDIARY
TIAA International Asia LLC	81-4359164	SUBSIDIARY
Nuveen Junior Capital Opportunities Fund GP S.à r.l.		SUBSIDIARY
Nuveen Real Estate NYC Property Fund GP Member LLC	82-4266474	SUBSIDIARY
New York City Property Fund GP LLC	82-4213248	SUBSIDIARY
NYC Property Fund II (C) Pooling LP	84-4343117	SUBSIDIARY
New York City Property Fund II (C) LP		SUBSIDIARY
New York City Property Fund II (T) LP	83-2335230	SUBSIDIARY
NYC Property Fund (T) Blocker 1, LLC	83-4678924	SUBSIDIARY
NYC Property Fund Pooling LP	83-4671194	SUBSIDIARY
NYC Property Fund SPV 1 LLC	83-4653622	SUBSIDIARY
NYC Property Fund SPV 2 LLC	83-4701919	SUBSIDIARY
Nuveen Real Estate U.S. Strategic Industrial Fund I GP, LLC	81-2388576	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
TGAM International GP LLC	81-4330570	SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
Nuveen Alternative Holdings, LLC (continued)		
Nuveen Real Estate Property Holdings L.L.C.	06-1217855	SUBSIDIARY
Casa Partners VI GP, LLC	30-0794682	SUBSIDIARY
Casa Partners VII GP, LLC	47-5190671	SUBSIDIARY
CASA Partners VIII GP, LLC	82-4363605	SUBSIDIARY
Global Investors GP, L.L.C.	36-4777806	SUBSIDIARY
Global Investors GP II, L.L.C.	20-2537749	SUBSIDIARY
Global Investors GP IV, L.L.C.	20-3070768	SUBSIDIARY
Nuveen Canada Company		SUBSIDIARY
Nuveen Global Investments LLC	26-2748598	SUBSIDIARY
Nuveen GP Holding Company LLC	82-2986445	SUBSIDIARY
Nuveen CREF GP Member LLC		SUBSIDIARY
CRED GP LLC	82-3751720	SUBSIDIARY
U.S. Cities Office Fund GP LLC		SUBSIDIARY
U.S. Cities Office Fund LP		SUBSIDIARY
U.S. Cities Office Fund REIT LLC	61-1914684	SUBSIDIARY
U.S. Cities Office Fund Operating GP LLC		SUBSIDIARY
TGAM HK HC LLC	81-4323796	SUBSIDIARY
USCOF Maryland Farms Holdings LLC		SUBSIDIARY
U.S. Cities Office Fund Maryland Farms Co-Invest		SUBSIDIARY
VRE-NRE Maryland Farms Venture		SUBSIDIARY
U.S. Cities Retail Fund GP LLC	82-4054235	SUBSIDIARY
U.S. Cities Multifamily Fund GP LLC	35-2633108	SUBSIDIARY
Nuveen Permian Investor Asset Manager Member LLC	81-5466713	SUBSIDIARY
Permian Investor Asset Manager LLC	82-0631410	SUBSIDIARY
Nuveen Permian Investor GP Member LLC	82-0607358	SUBSIDIARY
Permian Investor GP LLC	81-5433582	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
TIAA International Holdings 2 Limited	46-1163394	SUBSIDIARY
TIAA International Holdings 3 Limited		SUBSIDIARY
Nuveen Real Estate Limited	98-1125673	SUBSIDIARY
Nuveen Administration Ltd	98-1127648	SUBSIDIARY
Nuveen Europe Holdings Limited	98-1128805	SUBSIDIARY
NYC Property Fund II (C) Blocker 1, LLC	84-4343117	SUBSIDIARY
Nuveen Alternatives Europe S.à r.l.		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
Nuveen Fund Management Vanquish (Jersey) Limited		SUBSIDIARY
Nuveen Fund Management Vanquish II (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

(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) 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%

(6) 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%

(7) 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%

(8) 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%

(9) 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%

(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 MARCH 31, 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 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
Nuveen Group Holdings Ltd		SUBSIDIARY
Anglo-Sino Henderson Investment Consultancy (Beijing) Co Limited		SUBSIDIARY
AREFM (BVI) Limited		AFFILIATE
CLOF II (GP) Limited		SUBSIDIARY
CLOF II Vanquish Limited		SUBSIDIARY
CLOF II (No 1 GP) 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 (12)
Islazul General Partner S.à.r.l		SUBSIDIARY
Matador LP General Partner Limited		SUBSIDIARY
Nuveen Consulting (Shanghai) Co Ltd		SUBSIDIARY
Nuveen Corporate Secretarial Services Limited		SUBSIDIARY
Nuveen (France) SAS		SUBSIDIARY
Nuveen Immobilien GmbH		AFFILIATE
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) Sarl		SUBSIDIARY
Nuveen Real Estate Debt Partners II (GP) S.à.r.l		SUBSIDIARY
Global Real Estate Debt Partners – Fund II (UK) SCSp		AFFILIATE (13)
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

COMPANY	FEIN	RELATIONSHIP
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 Mail 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 Asset Management, Inc.	37-1193972	SUBSIDIARY
Westchester Group Farm Management, Inc.	37-1193973	SUBSIDIARY
Westchester Group of Europe Ltd.		SUBSIDIARY
Westchester Group SRL		SUBSIDIARY (14)
Westchester Group of Poland Sp. Z.o.o.		SUBSIDIARY
Westchester Group SRL		SUBSIDIARY (14)
Westchester Group Real Estate, Inc.	37-1194491	SUBSIDIARY
Westchester Group South America Gestao de Investimentos Ltda.		SUBSIDIARY (15)
Westchester Group South America Gestao de Investimentos Ltda.		SUBSIDIARY (15)
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.	36-3817286	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
Nuveen Asset Management, LLC	27-4357327	SUBSIDIARY
NIS/R&T, Inc.	36-3293941	SUBSIDIARY
Nuveen WCM Holdings, LLC	37-1695518	SUBSIDIARY
Winslow Capital Management, LLC	90-0860898	SUBSIDIARY
Nuveen NWQ Holdings, LLC	36-4709028	SUBSIDIARY
NWQ Partners, LLC	30-0892190	SUBSIDIARY
Nuveen Securities, LLC	36-2639476	SUBSIDIARY
Santa Barbara Asset Management, LLC	20-3432117	SUBSIDIARY
Symphony Asset Management LLC	94-3252504	SUBSIDIARY (16)
Nuveen Investments Holdings, Inc.	36-7364377	SUBSIDIARY
Symphony Asset Management LLC	94-3252504	SUBSIDIARY (16)
Symphony Risk Retention Finance LLC		SUBSIDIARY
SRR 1 LLC	30-1032009	SUBSIDIARY
Teachers Advisors, LLC	13-3760073	SUBSIDIARY
Colinvest Member LLC	82-1157427	SUBSIDIARY
CLO Colinvest I 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 MARCH 31, 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	730 Transmission, LLC		SUBSIDIARY	Global Real Estate Debt Partners – Fund II (UK) SCSp		AFFILIATE (13)
TCPC Associates, LLC	16-1735872	SUBSIDIARY	730 Hotspur, LLC		SUBSIDIARY	Gresham CMS Fund, LLC	20-1930384	SUBSIDIARY
730 Data Centers, LLC	81-2616735	SUBSIDIARY	Ceres Agricultural Properties, LLC	58-2726300	SUBSIDIARY	Gresham Quant ACAR Fund LLC	32-0600812	SUBSIDIARY
730 Aviator, LLC	82-0793232	SUBSIDIARY	Premiere Agricultural Properties, LLC	37-1555322	SUBSIDIARY	Growth Capital Fund I, L.P.	81-0737062	SUBSIDIARY
730 Databridge, LLC	81-3106043	SUBSIDIARY	Loma del Rio Vineyards, LLC	80-0843991	SUBSIDIARY (19)	Growth Capital Fund II, L.P.		SUBSIDIARY
730 Power Development, LLC	47-2616735	SUBSIDIARY	Premiere Columbia Properties, LLC	36-4820107	SUBSIDIARY	Hillcrest China Value Fund, L.P.		SUBSIDIARY
730 Carroll, LLC	47-2622825	SUBSIDIARY	Premiere Farm Properties, LLC	30-0449681	SUBSIDIARY	IC Partners Onshore Fund		SUBSIDIARY
730 Cricket, LLC		SUBSIDIARY	Demeter Agricultural Properties II, LLC	26-3484719	SUBSIDIARY	Inception GP LLC		SUBSIDIARY
730 Telecom LLC	47-5363027	SUBSIDIARY	IAI Australia Pty., Ltd.		SUBSIDIARY	Inception Partners IV, LP	46-2081403	AFFILIATE
730 Texas Forest Holdings, Inc.	13-4042885	SUBSIDIARY	IAI Australia Trust		SUBSIDIARY	Inception Partners V, LP	46-2062147	AFFILIATE
730 Texas Timberlands II, Ltd.	51-0494351	SUBSIDIARY (17)	International Agricultural Investors Fund II, LLC	26-2745365	SUBSIDIARY	Infra Alpha, LLC	27-4149157	SUBSIDIARY
730 Texas Timberlands, Ltd	13-4042888	SUBSIDIARY (18)	IAI Australia Fund II, Pty., Ltd.		SUBSIDIARY	IAI USA, LLC	27-0000641	AFFILIATE
730 Texas Timberlands II, Ltd.	51-0494351	SUBSIDIARY (17)	Churchill Middle Market Senior Fund	26-2747755	SUBSIDIARY	Lewis & Clark Timberlands, LLC	47-4169877	SUBSIDIARY
TIAA Timberlands I, LLC	13-4040842	SUBSIDIARY (18)	Churchill Middle Market CLO IV Ltd.	98-1402136	SUBSIDIARY	L&C Log Co, LLC	47-4187541	SUBSIDIARY
TIAA Timberlands II, LLC	13-4085431	SUBSIDIARY	CPF/UIR JV Member LLC	81-2914954	SUBSIDIARY	IAI USA Fund II, LLC	47-5300478	SUBSIDIARY
Actoil, LLC	38-3847245	SUBSIDIARY	CPF/UIR Joint Venture LLC	81-2928112	SUBSIDIARY	Liberty M & R SPV II, LP	27-2007833	SUBSIDIARY
Actoil Colorado, LLC		SUBSIDIARY	CPF 636 Sixth Avenue LLC	81-2955427	SUBSIDIARY	Moncor Participacoes S.A.		SUBSIDIARY (22)
Great Western Petroleum LLC		AFFILIATE	T-C 636 Sixth Avenue Retail LLC	47-2264739	SUBSIDIARY	Nova Amaralina S.A. Propriedades Agricolas		SUBSIDIARY
Almond Processors, LLC	45-2285816	SUBSIDIARY	CPF 856 Market Street LLC	81-2982618	SUBSIDIARY	Nova Agricola Ponte Alta S.A.		SUBSIDIARY
ASC Holdings, LLC		AFFILIATE	CPF 1511 Third Avenue LLC	81-2973332	SUBSIDIARY	Nova Santa Barbara Agricola S.A.		SUBSIDIARY
BRE Jupiter Holdco UT DC, LLC		SUBSIDIARY	T-C 1608 Chestnut General Partner LLC		SUBSIDIARY	Terras da Ponte Alta S.A.		SUBSIDIARY
BRE Jupiter Mezz 2 UT DC, LLC		SUBSIDIARY	1608 Chestnut Partners LP		SUBSIDIARY (20)	Radar Il Propriedades Agricolas S.A.		AFFILIATE
BRE Jupiter Mezz 1 UT DC, LLC		SUBSIDIARY	T-C 1608 Chestnut Limited Partner LLC		SUBSIDIARY (20)	Proud Participacoes S.A.		AFFILIATE
BRE Jupiter UT DC, LLC		SUBSIDIARY	1608 Chestnut Partners LP		SUBSIDIARY	Radar Propriedades Agricolas S.A.		AFFILIATE (22)
BRE Jupiter Holdco Agave DC, LLC		SUBSIDIARY	Demeter Agricultural Properties, LLC	26-3049305	SUBSIDIARY	Vale De Ponte Alta S.A.		AFFILIATE
BRE Jupiter Mezz 2 Agave DC, LLC		SUBSIDIARY	Dionysus Properties, LLC	45-2632248	SUBSIDIARY	Bioinvestments Negocios e Participacoes		AFFILIATE
BRE Jupiter Mezz 1 Agave DC, LLC		SUBSIDIARY	Silverado Premium Properties, LLC	94-3306131	SUBSIDIARY	Aguas de Ponte Alta S.A.		AFFILIATE
Broadleaf Timberland Investments, LLC	46-1952974	SUBSIDIARY	Arroya Loma, LLC	68-0436609	SUBSIDIARY	MM Funding, LLC	13-1624203	SUBSIDIARY
Quercus Forestland Account, LLC	26-4647417	SUBSIDIARY	Chalk Ridge Vineyard, LLC	75-3025596	SUBSIDIARY	MyVest Corporation	47-0902011	SUBSIDIARY
Quercus Panama, LLC		SUBSIDIARY	Hobson Avenue Vineyard, LLC	20-3964695	SUBSIDIARY	NGFF Holdco, LLC	84-2320652	SUBSIDIARY
Quercus Algoma Corporation		SUBSIDIARY	Marsino Vineyard, LLC	26-1542713	SUBSIDIARY	Nuveen Global Farmland Fund, LP	84-1895540	SUBSIDIARY
Quercus Algoma Land Corporation		SUBSIDIARY	Silverado Los Alamos Vineyards, LLC	20-2103733	SUBSIDIARY	Global Farmland US Properties, LLC	84-1834824	SUBSIDIARY
Quercus West Virginia, LLC	46-2916514	SUBSIDIARY	Silverado Sonoma Vineyard, LLC	20-2103788	SUBSIDIARY	US Horticulture Farmland, LLC	84-1857338	SUBSIDIARY
Casa Student Housing Fund Holdings, LLC	47-2167228	SUBSIDIARY	SPP Napa Vineyards, LLC	68-0466083	SUBSIDIARY	US Row Farmland, LLC	84-1842298	SUBSIDIARY
Shf-33d North Apts, LLC	47-3994280	SUBSIDIARY	Stanly Ranch Vineyards, LLC	94-3361818	SUBSIDIARY			
Shf-Millennium One Apts, LLC	47-4155469	SUBSIDIARY	Suscol Mountain Vineyards, LLC	26-3774024	SUBSIDIARY	Nuveen High Yield Municipal Opportunities Fund LP		SUBSIDIARY
Shf-The Rocks Apts, LLC	81-2450195	SUBSIDIARY	Terra Ventosa Vineyards, LLC	26-2766605	SUBSIDIARY	Nuveen Municipal Opportunities Fund LP		SUBSIDIARY
PEP-TH CASA Student Housing, LLC	47-4455610	SUBSIDIARY	Silverado Winegrowers Holdings, LLC	43-3997217	SUBSIDIARY	Nuveen Real Estate U.S. Strategic Industrial Fund I LP		SUBSIDIARY
CSHF-PEP Purdue LLC	47-4455303	SUBSIDIARY	Silverado Winegrowers LLC	68-0443927	SUBSIDIARY	Occator Agricultural Properties, LLC	81-2429791	SUBSIDIARY
CSHF-PEP USF LLC	30-0965548	SUBSIDIARY	Alta Loma Vineyard, LLC	94-3357571	SUBSIDIARY	ACR Agricultural Investments, LLC	26-4750562	SUBSIDIARY
CCM Series, LLC	13-1624203	SUBSIDIARY	Oak Knoll Napa Vineyards, LLC	94-3312405	SUBSIDIARY	Ridley Corporation Limited	46-1768969	AFFILIATE
CCAP Fund 6 - 2015, L.P.	47-4069196	SUBSIDIARY	Silverado Suscol, LLC	91-1806950	SUBSIDIARY	Mandala Food Co-Investment Holdings II SPV		SUBSIDIARY
CCAP Fund 6 - 2016, L.P.	81-1205888	SUBSIDIARY	SWG Paso Vineyard, LLC	45-4820104	SUBSIDIARY	Materra, LLC		AFFILIATE
CCAP Fund 6 - 2017, L.P.	81-4732595	SUBSIDIARY	Distressed Opportunity Fund I		SUBSIDIARY	Teays River Investments, LLC	45-1125143	AFFILIATE
CCAP Fund 6 - 2018, L.P.	82-3167398	SUBSIDIARY	DWM Inclusive Finance Equity Fund II		AFFILIATE	Oleum Holding Company, Inc.	26-4621336	SUBSIDIARY
CCAP Fund 6 - 2019, L.P.	83-2787412	SUBSIDIARY	DWM Microfinance Equity Fund I	98-0580879	AFFILIATE	2234328 Alberta ULC		SUBSIDIARY
CCAP Fund 8 - 2015, L.P.	47-4079472	SUBSIDIARY	Envisage Information Systems, LLC	04-3718449	SUBSIDIARY			
CCAP Fund 8 - 2017, L.P.	81-3718876	SUBSIDIARY	EPP LFG I, LLC	30-0701953	AFFILIATE	Adastra Management, Inc.		SUBSIDIARY
CCAP Fund 8 - 2018, L.P.	82-3182368	SUBSIDIARY	Global Real Estate Debt Partners – Fund I (UK)		SUBSIDIARY (21)	Nova Star Oil and Gas Inc.		SUBSIDIARY
CCAP Fund 8 - 2019, L.P.	83-2793857	SUBSIDIARY				Polar Star Canadian Oil and Gas, Inc.		SUBSIDIARY
CCAP Fund GE, L.P.	81-0784669	SUBSIDIARY				Pinnacle Third Avenue, LP	26-3821015	AFFILIATE
CCAP Fund HFD, L.P.	81-0821374	SUBSIDIARY				Primary Residential Individual Mortgage Entity Trust	81-6646838	SUBSIDIARY
CCAP Fund HFND, L.P.	81-0758188	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 Il Propriedades Agricolas S.A..

STATEMENT AS OF MARCH 31, 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
ND Properties, Inc.	11-3034756	SUBSIDIARY
Norteshopping Retail and Leisure Centre BV		SUBSIDIARY
Norteshopping - Centre Commercial S.A.		SUBSIDIARY
ND Europe S.a.r.l.		SUBSIDIARY
ND Europe Office Holding S.a.r.l.		SUBSIDIARY
Cityhold Nymphe S.a.r.l.		(23) AFFILIATE
Cityhold Propco 11 S.a.r.l.		AFFILIATE
Cityhold Euro S.a.r.l.		(24) AFFILIATE
Cityhold Office Partnership S.a.r.l.		AFFILIATE
CHOP OPCl		AFFILIATE
Cityhold Iconic Holding SAS	98-1435873	AFFILIATE
Cityhold Iconic Hotel SNC	98-1433967	AFFILIATE
Cityhold Iconic Office SCI	98-1433956	AFFILIATE
Cityhold Iconic Retail SNC	98-1433960	AFFILIATE
Cityhold Nymphe S.a.r.l.	98-1433975	(23) AFFILIATE
Cityhold Propco 6 S.a.r.l.		AFFILIATE
Cityhold Iconic Hotel OPCO SAS	98-1433939	AFFILIATE
Cityhold Iconic Investment S.a.r.l.	98-1435880	AFFILIATE
Cityhold Propco 9 S.a.r.l.		AFFILIATE
36 Rue La Fayette SAS		AFFILIATE
SAS Roosevelt		AFFILIATE
SNC Roosevelt		AFFILIATE
Roosevelt Participation S.a.r.l.		AFFILIATE
SNC Roosevelt		(25) AFFILIATE
Courcelles 70 SAS		AFFILIATE
Cityhold Euro S.a.r.l.		(24) AFFILIATE
Cityhold Propco 7 S.a.r.l.		AFFILIATE
Cityhold Propco 10 S.a.r.l.		AFFILIATE
Cityhold Gouden Bocht B.V.		AFFILIATE
Cityhold Gouden Bocht Monumenten B.V.		AFFILIATE
Redevelopment Property II B.V.	98-1438380	AFFILIATE
Cityhold Propco 12 S.a.r.l.		AFFILIATE
Cityhold EST Investment S.a.r.l.		AFFILIATE
Cityhold Prinses Coöperatief U.A.		AFFILIATE
Cityhold Prinses AcquiCo Coöperatief BV		AFFILIATE
Cityhold GC Investment S.a.r.l.		AFFILIATE
OVG Cloud S.a.r.l.		AFFILIATE
Cityhold Sterling S.a.r.l.		AFFILIATE
Cityhold UK Holding S.a.r.l.		AFFILIATE
Cityhold UK Investment S.a.r.l.		AFFILIATE
London Belgrave Unit Trust		(26) AFFILIATE
New Fetter Lane Unit Trust		(27) AFFILIATE
60 Great Portland Street Unit Trust		(28) AFFILIATE
70 St Mary Axe Unit Trust		(29) AFFILIATE
London Belgrave Unit Trust		(26) AFFILIATE
CLOF Victoria Nominee 1 Limited		AFFILIATE
CLOF Victoria Nominee 2 Limited		AFFILIATE
New Fetter Lane Unit Trust		(27) AFFILIATE

COMPANY	FEIN	RELATIONSHIP
ND Properties, Inc. (continued)		
60 Great Portland Street Unit Trust		AFFILIATE (28)
SMA Holding S.a.r.l.		AFFILIATE
70 St Mary Axe Unit Trust		AFFILIATE (29)
HV Properties S.a.r.l.		AFFILIATE
Cityhold Nymphe S.a.r.l.		AFFILIATE
TIAA Lux 9 S.a.r.l.		AFFILIATE
SAS Malachite		AFFILIATE
SNC La Defense		AFFILIATE
SNC Lazuli		AFFILIATE
T-C Neuperlach Development S.a.r.l.		SUBSIDIARY
T-C Pep Holding S.a.r.l.		SUBSIDIARY
T-C Pep Property S.a.r.l.		SUBSIDIARY
T-C Pep Asset S.a.r.l.		SUBSIDIARY
TIAA Lux 11 S.a.r.l.		SUBSIDIARY
Gropius Passagen Verwagings B.V.		SUBSIDIARY
Gropius Passagen GmbH & Co KG		SUBSIDIARY
Gropius S.a.r.l.		SUBSIDIARY
Gropius Passagen GmbH & Co KG		SUBSIDIARY
TIAA Lux 5 S.a.r.l.		SUBSIDIARY
Erlangen Arcaden GmbH & Co. KG		SUBSIDIARY
U.S. Cities Fund, LP	20-1371171	SUBSIDIARY
U.S. Cities Fund REIT, LLC	20-1371379	SUBSIDIARY
U.S. Cities Fund Operating GP, LLC	20-1364650	SUBSIDIARY
U.S. Cities Fund Operating, LP	20-1371235	SUBSIDIARY
T-C Falls Center Townhouses LLC	46-5061808	SUBSIDIARY
T-C King Street Station LLC	26-1700245	SUBSIDIARY
T-C Trio Apartments LLC	45-2692182	SUBSIDIARY
U.S. Cities Industrial CPF Fund LP	81-3738136	SUBSIDIARY
U.S. Cities Industrial CPF Fund REIT LLC	81-3681230	SUBSIDIARY
U.S. Cities Industrial CPF Fund Operating GP LLC	81-3671343	SUBSIDIARY
U.S. Cities Industrial CPF Fund Operating LP	81-3757117	SUBSIDIARY
U.S. Cities Multifamily CPF Fund LP	81-3765537	SUBSIDIARY
U.S. Cities Multifamily CPF Fund REIT LLC	81-3870674	SUBSIDIARY
U.S. Cities Multifamily CPF Fund Operating LP	81-3794611	SUBSIDIARY
U.S. Cities Office CPF Fund LP	81-3814378	SUBSIDIARY
U.S. Cities Office CPF Fund REIT LLC	81-3911937	SUBSIDIARY
U.S. Cities Office CPF Fund Operating GP LLC	81-3881522	SUBSIDIARY
U.S. Cities Office CPF Fund Operating LP	81-3839479	SUBSIDIARY
U.S. Cities Retail CPF Fund LP	81-3437405	SUBSIDIARY
U.S. Cities Retail CPF Fund REIT LLC	81-3573421	SUBSIDIARY
U.S. Cities Retail CPF Fund Operating GP LLC	81-3578259	SUBSIDIARY
U.S. Cities Retail CPF Fund Operating LP	81-3473773	SUBSIDIARY
T-C Potomac Promenade LLC	27-4116676	SUBSIDIARY
TCAM Core Prop Fund REIT 2 LLC	47-4935916	SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
New York City Property Fund II LP	82-4183425	SUBSIDIARY
New York City Property Fund REIT LLC	83-4678924	SUBSIDIARY
New York City Fund Operating GP LLC	83-4701913	SUBSIDIARY
New York City Property Fund Operating LP	83-4671194	SUBSIDIARY
125 West End Investors LLC	84-3388831	SUBSIDIARY
125 West End Holdings LLC		SUBSIDIARY
125 West End Associates LLC	83-4653622	SUBSIDIARY
Renewable Timber Europe, LLC	45-2792614	SUBSIDIARY
Renewable Timber Netherlands B.V.		SUBSIDIARY
Topola Lasy Spolka z o.o.		SUBSIDIARY
Renewable Timber Resources, LLC	61-1640765	SUBSIDIARY
Forestal Agrícola Silvoigna Chile Limitada		SUBSIDIARY
Siguler Guff Third Avenue, LP	03-0543113	SUBSIDIARY
Social Infra, LLC		SUBSIDIARY
Stichting Bewaarder Zien		SUBSIDIARY
T-C 20 Hunter Street (US), LLC	46-3922951	SUBSIDIARY
T-C 400 Montgomery, LLC	81-2525521	SUBSIDIARY
400 Montgomery Street LLC		SUBSIDIARY
T-C 685 Third Avenue Member, LLC	27-4123754	SUBSIDIARY
T-C 685 Third Avenue, LLC	27-3095569	SUBSIDIARY
T-C 685 Third Avenue Owner LLC	61-1754745	SUBSIDIARY
T-C 699 Bourke Street LLC	46-4969690	SUBSIDIARY
T-C Australia RE Holdings I, LLC	81-2490530	SUBSIDIARY
T-C Australia RE Holdings II, LLC	81-2506975	SUBSIDIARY
TIAA Australia Real Estate Trust		SUBSIDIARY
TIAA Melbourne Retail Holding 1 Trust		SUBSIDIARY
TGA Miller Street Trust		SUBSIDIARY
TIAA Melbourne Retail Holding 1 Trust		SUBSIDIARY
TIAA Melbourne Retail Asset 1 Trust		SUBSIDIARY
TGA Australia Real Estate Trust 2		SUBSIDIARY
TGA PBSA Hold Trust		SUBSIDIARY
TGA PBSA Asset Trust 1		SUBSIDIARY
TGA PBSA Asset Trust 2		SUBSIDIARY
TGA PBSA Asset Trust 3		SUBSIDIARY
TGA PBSA Hold Trust 2		SUBSIDIARY
TGA PBSA Asset Trust 4		SUBSIDIARY
T-C Europe Holding Inc.	47-2363168	SUBSIDIARY
T-C Europe LP	47-2369576	SUBSIDIARY (31)
T-C Europe LP	47-2369576	SUBSIDIARY (31)
T-C Europe S.a.r.l.		SUBSIDIARY
Nightingale LuxCo S.a.r.l.		SUBSIDIARY
T-C Nordics Investment AB		SUBSIDIARY
Sweden Nova Lund 1 AB		SUBSIDIARY
Sweden Nova Lund 2 AB		SUBSIDIARY
T-C Luxembourg Neptune Holdings S.a.r.l.		SUBSIDIARY
T-C Neptune Holdings S. a.r.l.		SUBSIDIARY
Neptune Property Venture S.a.r.l.		SUBSIDIARY
Castel Gueffo I SRL		SUBSIDIARY
Promcat Alternativa, S.L.		SUBSIDIARY
Neptune Madrid Holdco S.L.		SUBSIDIARY
Neptune Nassica Propco S.L.		SUBSIDIARY
Neptune Getafe Propco S.L.		SUBSIDIARY
Neptune Las Rozas Outlet S.L.		SUBSIDIARY
Neptune San Sebastian Outlet S.L.		SUBSIDIARY
Neptune Polish HoldCo 2 B.V.		SUBSIDIARY
Neptune Ursus SP, z.o.o.		SUBSIDIARY

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

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

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

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

(27) New Fetter Lane Unit Trust (NFLUT) is owned by TIAA via a 25% ownership of Cityhold Office Partnership S.a.r.l., which owns Cityhold UK Holding S.a.r.l. (99.9% of NFLUT) and Cityhold UK Investment S.a.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.a.r.l., which owns Cityhold UK Holding S.a.r.l. (99.4% of 60GPS) and Cityhold UK Investment S.a.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.a.r.l., which owns SMA Holding S.a.r.l. (99.9% of SMAUT) and Cityhold UK Investment S.a.r.l. (0.1%).

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

LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP
T-C Europe, LP (continued)		
Neptune Polish Property Venture BV		SUBSIDIARY
Neptune Krakow SP. z o.o.	45-287772	SUBSIDIARY
Neptune Annapol SP. z.o.o.		SUBSIDIARY
Neptune Poznan SP. z.o.o.		SUBSIDIARY
Neptune OFCI SAS		SUBSIDIARY
Roppenheim Holding SAS		SUBSIDIARY
Roppenheim Outlet SNC		SUBSIDIARY (32)
Neptune Amsterdam B.V.		SUBSIDIARY
Silesia Outlet sp. z o.o		SUBSIDIARY
Roppenheim Holding S à r.l		SUBSIDIARY
Roppenheim Outlet SNC		SUBSIDIARY (32)
Neptune Vicolungo I S.r.l.		SUBSIDIARY
T-C GA Real Estate Holdings, LLC (continued)		
8 Spruce Street GA Investor, LLC	46-0959792	SUBSIDIARY
FC 8 Spruce Holdings, LLC	46-1403221	AFFILIATE
FC 8 Spruce Street Residential, LLC		
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	82-1507998	SUBSIDIARY
NR 844 North LLC	82-3527067	SUBSIDIARY
NR 9725 Datapoint Drive LLC	84-3576911	SUBSIDIARY
NR APCF Investor Ltd.		SUBSIDIARY
NR Deform Hills LLC	82-5519657	SUBSIDIARY
NR Denver Industrial Portfolio LLC	82-3539243	SUBSIDIARY
NR East Sego Lily LLC	83-3651003	SUBSIDIARY
NR ECF Investor Ltd.		SUBSIDIARY
NR Globe Street Industrial LLC	84-3175301	SUBSIDIARY
NR Henderson 215 LLC	83-1495411	SUBSIDIARY
NR Kirkland Crossing LLC	82-3556058	SUBSIDIARY
NR Main Street at Kingwood LLC	83-1815798	SUBSIDIARY
NR Tacara at Steiner Ranch LLC	82-5503093	SUBSIDIARY
Nuveen Global Cities REIT Lending, LLC	83-4299885	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	47-1488131	SUBSIDIARY
T-C 1101 Pennsylvania Avenue LLC	27-2952349	SUBSIDIARY
T-C 1101 Pennsylvania Avenue Venture LLC	27-2952817	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

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COMPANY	FEIN	RELATIONSHIP
T-C GA Real Estate Holdings, LLC (continued)		
T-C 888 Brannan Member LLC	47-4665824	SUBSIDIARY
T-C 888 Brannan Venture LLC	47-4684011	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	28-0011770	SUBSIDIARY
T-C Hall of States Member LLC	47-2023405	SUBSIDIARY
T-C Hall of States Owner LLC	47-2034237	SUBSIDIARY
T-C Kings Crossing, LLC	45-4045658	SUBSIDIARY
T-C Legacy Place LLC	47-1120016	SUBSIDIARY
Legacy Place Associates, LLC	46-0876833	SUBSIDIARY
300 Legacy Place Boulevard LLC		SUBSIDIARY
T-C Republic Square Member LLC	47-2903922	SUBSIDIARY
T-C Republic Square Venture LLC	47-2867784	SUBSIDIARY
T-C Republic Square REIT LP, LLC	47-3033681	SUBSIDIARY
T-C Republic Square Mezzanine LLC	47-3091198	SUBSIDIARY
T-C Republic Square Owner LLC	47-2793452	SUBSIDIARY
The Flats Holding Company LLC	47-1379500	SUBSIDIARY
The Flats 130 DC Residential LLC	47-1347366	SUBSIDIARY
The Flats 140 DC Residential LLC	47-1363564	SUBSIDIARY
The Flats DC Grocery LLC	47-1367530	SUBSIDIARY
T-C JK I, LLC	46-4567368	SUBSIDIARY
Adeoti Empreendimentos Imobiliários Ltda		SUBSIDIARY (33)
T-C JK II, LLC	46-4587620	SUBSIDIARY
Adeoti Empreendimentos Imobiliários Ltda		SUBSIDIARY (33)
T-C Lux Fund Holdings LLC	47-4095803	SUBSIDIARY
T-C Lux Investments Special Limited Partnership		SUBSIDIARY
European Cities Partnership SCSp		AFFILIATE (12)
Global Real Estate Debt Partners – Fund I (UK)		SUBSIDIARY (21)
T-C MV Member LLC	81-4583865	SUBSIDIARY
T-C M-T REIT LLC	81-4599024	SUBSIDIARY
T-C MV Member II LLC		SUBSIDIARY
T-C M-T REIT II LLC	84-3224525	SUBSIDIARY
T-C Mt. Ommanney Centre Holding Company LLC	47-1954609	SUBSIDIARY
T-C Mt. Ommanney Centre LLC	47-1828871	SUBSIDIARY
T-C Permian Investor LLC	82-1023309	SUBSIDIARY
T-C SBMC Joint Venture LLC	46-3007720	SUBSIDIARY
T-C SMA 2, LLC	36-4620008	SUBSIDIARY
PennMuni-TIAA U.S. Real Estate Fund, LLC	36-4619998	SUBSIDIARY
T-C The Edge at Flagler Village, LLC	81-2204918	SUBSIDIARY
T-C UK RE Holdings I, LLC	81-2676934	SUBSIDIARY
T-C UK RE Holdings II, LLC	81-2691474	SUBSIDIARY
T-C UK RE Holdings III, LLC	81-3299073	SUBSIDIARY
Thurrock Retail Park Unit Trust		SUBSIDIARY (34)
T-C U.S. Super Regional Mail Fund LP	47-3148337	SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
T-C Waterford Blue Lagoon General Partner, LLC	47-5379777	SUBSIDIARY
Waterford Blue Lagoon LP	47-5392075	SUBSIDIARY (35)
T-C Waterford Blue Lagoon, LLC	47-5375805	SUBSIDIARY
Waterford Blue Lagoon LP	47-5392075	SUBSIDIARY (35)
Westland At Waterford REIT LP	81-0779817	SUBSIDIARY
Westland At Waterford REIT General Partner LLC	47-5321319	SUBSIDIARY
Westland At Waterford General Partner LLC	47-5635267	SUBSIDIARY
Westland At Waterford Operating LP	47-5580924	SUBSIDIARY
Waterford Blue Lagoon REIT LP	47-5305678	SUBSIDIARY
Waterford Blue Lagoon REIT LP	47-5305678	SUBSIDIARY
5201-5301 Waterford General Partner LLC	47-5642524	SUBSIDIARY
T-C Hall of States Member LLC	47-5541032	SUBSIDIARY
5200 Waterford General Partner LLC	47-5672651	SUBSIDIARY
5200 Waterford Operating LP	47-5498897	SUBSIDIARY
1000 Waterford General Partner LLC	81-0722154	SUBSIDIARY
1000 Waterford Operating LP	47-5479437	SUBSIDIARY
701-703 Waterford General Partner LLC	47-5445045	SUBSIDIARY
Waterford Core REIT General Partner LLC	82-2631273	SUBSIDIARY
Waterford Core REIT LP	82-2646233	SUBSIDIARY
Waterford Core 800 REIT General Partner LLC		SUBSIDIARY
Waterford Core 800 REIT LP	84-3541603	SUBSIDIARY
Waterford Core General Partner LLC	81-0733012	SUBSIDIARY
Waterford Core Operating LP	47-5587163	SUBSIDIARY
Waterford Core II Operating LP	82-2663579	SUBSIDIARY
Waterford Core II General Partner LLC	82-2672297	SUBSIDIARY
Taiyo Hinata Fund, L.P.		SUBSIDIARY
TGA 10th Street Business Park LLC	84-3332496	SUBSIDIARY
TGA 127-137 Franklin LLC	82-1645257	SUBSIDIARY
TGA 299 Franklin LLC	81-2769108	SUBSIDIARY
TGA 600 College Road LLC	81-3988795	SUBSIDIARY
TGA 730 Third Avenue Owner LLC	83-2548459	SUBSIDIARY
TGA 3401 North Ashton Blvd LLC	83-2957526	SUBSIDIARY
TGA 3851 Grandpine Way LLC	82-4830474	SUBSIDIARY
TGA APAC Fund Holdings, LLC	82-2225812	SUBSIDIARY
Asia Pacific Cities Fund, FCP		SUBSIDIARY (36)
TGA Real Estate Fund Holdings, LLC	82-2311300	SUBSIDIARY
Asia Pacific Cities Fund, FCP		SUBSIDIARY (36)
TGA Auburn Business Park LLC	84-3830265	SUBSIDIARY
TGA Aurora DC III LLC	84-3285557	SUBSIDIARY
TGA Baltimore IC LLC	84-3475931	SUBSIDIARY
TGA Barnes Canyon Life Science LLC	83-1851559	SUBSIDIARY
TGA Beckwith Farms LLC	84-3303586	SUBSIDIARY
TGA Bedford Park LLC	84-3314123	SUBSIDIARY
TGA Cactus DC I LLC	84-2939313	SUBSIDIARY
TGA Cactus DC II LLC	84-2939493	SUBSIDIARY
TGA Capital Beltway CC LLC	84-3523623	SUBSIDIARY
TGA Center Square DC LLC	84-3487859	SUBSIDIARY
TGA Central Green LLC	83-3799476	SUBSIDIARY

(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%).

(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 Central Square Investor Member LLC	84-4376282	SUBSIDIARY	TGA MS Self Storage Investor Member LLC	83-1916152	SUBSIDIARY
TIAA European Farmland Fund GP LP	98-1310748	SUBSIDIARY (4)	TGACSE Central Square Holdings LLC	84-4880676	SUBSIDIARY	Morningstar NRE Self Storage Portfolio LLC	83-2379583	SUBSIDIARY
TIAA European Farmland Fund LP	84-8934448	SUBSIDIARY	TGACSE Midwood Corners LLC	84-4933976	SUBSIDIARY	MSC Booneville, LLC	84-8934448	SUBSIDIARY
TEFF Holding S.a.r.l		SUBSIDIARY	TGACSE Morningside LLC	84-4893383	SUBSIDIARY	MSC Boerne, LLC		SUBSIDIARY
TEFF Investments B.V.		SUBSIDIARY	TGACSE Triang LLC	84-4244033	SUBSIDIARY	MSC Buda, LLC		SUBSIDIARY
Areal II Spolka z o.o.		SUBSIDIARY	TGA East Coronado Industrial LLC		SUBSIDIARY	MSC Greenhouse, LLC		SUBSIDIARY
Hodowla Zwierzat Zarodowych Choczewo Spolka z o.o.		SUBSIDIARY	TGA East Miraloma Industrial LLC		SUBSIDIARY	MSC Dam Storage, LLC		SUBSIDIARY
Hodowla Zwierzat Zarodowych Wierzychucino Spolka z o.o.		SUBSIDIARY	TGA Emerald Corporate Park LLC		SUBSIDIARY	MSC Evans Rd, LLC		SUBSIDIARY
Dangro Invest SA		SUBSIDIARY	TGA Englewood DC LLC	84-3502383	SUBSIDIARY	MSC Highway 521 Storage, LLC		SUBSIDIARY
AGRA Spolka z o.o.		SUBSIDIARY	TGA European RE Holdings I, LLC	83-2810033	SUBSIDIARY	MSC Kemps Landing, LLC		SUBSIDIARY
AGAT Spolka z o.o.		SUBSIDIARY	Eagle GPO S a r.l		SUBSIDIARY	MSC Mantonville, LLC		SUBSIDIARY
AGRAMAX Spolka z o.o.		SUBSIDIARY	Eagle Partnership SCSp		SUBSIDIARY	MSC MTP, LLC		SUBSIDIARY
AGRIFARM Spolka z o.o.		SUBSIDIARY	Eagle JVCo S a r.l		SUBSIDIARY	MSC Peachtree, LLC		SUBSIDIARY
AGRO - DUBLIN SP. z o.o.		SUBSIDIARY	Viertel Zwei Entwicklung GmbH & Co Studenthouse KG		SUBSIDIARY (37)	MSC Spring Branch, LLC		SUBSIDIARY
AGROSERVICE Spolka z o.o.		SUBSIDIARY	Eagle Austria Holdings S a r.l		SUBSIDIARY	MSC SW Austin, LLC		SUBSIDIARY
AMAL Spolka z o.o.		SUBSIDIARY	Studenthouse Rua Manuel Pereira, SA		SUBSIDIARY (37)	MSC Yorktown, LLC		SUBSIDIARY
CISY Spolka z o.o.		SUBSIDIARY	TGA FC Investor Member LLC		SUBSIDIARY	TGA North Miller Industrial LLC		SUBSIDIARY
KOLNO Spolka z o.o.		SUBSIDIARY	Fenway Center Holding 1-2, LLC	82-2708488	SUBSIDIARY	TGA North Orange Industrial LLC		SUBSIDIARY
MILKOWO Sp. Z o.o.		SUBSIDIARY	Fenway Center Owner 1-2, LLC	82-2708488	SUBSIDIARY	TGA Oak View Mall LLC	83-1934291	SUBSIDIARY
SEE-AGRO SP. z o.o.		SUBSIDIARY	TGA Franklin Square IC I LLC	84-3523773	SUBSIDIARY	TGA O'Hare Logistics Center IV LLC	84-4774106	SUBSIDIARY
SATOPY Spolka z o.o.		SUBSIDIARY	TGA Franklin Square IC II LLC	84-3523813	SUBSIDIARY	TGA Park 355 LLC	84-3254652	SUBSIDIARY
Pszemol SA		SUBSIDIARY	TGA Freeport DC LLC	84-3332846	SUBSIDIARY	TGA Park 55 LLC	84-3254103	SUBSIDIARY
AGROLAND Spolka z o.o.		SUBSIDIARY	TGA Greenstone Logistics Center LLC		SUBSIDIARY	TGA Park 88 LLC	84-3254979	SUBSIDIARY
AGROPOL Spolka z o.o.		SUBSIDIARY	TGA Hagerstown DC LLC	84-3463522	SUBSIDIARY	TGA Pleasant Prairie Center LLC	83-3250233	SUBSIDIARY
BUDUS Spolka z o.o.		SUBSIDIARY	TGA Hollins End LLC	84-3475313	SUBSIDIARY	TGA Prairie Point LLC	84-3285659	SUBSIDIARY
CIESZYSLAW SP z o.o.		SUBSIDIARY	TGA I-95 DC LLC	84-3523721	SUBSIDIARY	TGA Renton Park 405 LLC		SUBSIDIARY
FARMEX Spolka z o.o.		SUBSIDIARY	TGA Japan Holdings, LLC	81-3602072	SUBSIDIARY	TGA Sandy Commerce Park LLC	83-2938932	SUBSIDIARY
JASIONNO Spolka z o.o.		SUBSIDIARY	TGA Japan Holdings Pte Ltd		SUBSIDIARY	TGA Somerset IC LLC	84-3487605	SUBSIDIARY
ROLA Spolka z o.o.		SUBSIDIARY	TGA Japan GK Holdings Pte Ltd		SUBSIDIARY	TGA Somerset IC II LLC	84-3476142	SUBSIDIARY
ROLPOL Spolka z o.o.		SUBSIDIARY	TGA Ginza115 GK		SUBSIDIARY	TGA Sterling DC LLC	84-3255382	SUBSIDIARY
ROLZBUD Spolka z o.o		SUBSIDIARY	TGA Ginza115 TMK		SUBSIDIARY (38)	TGA The Warehouse At CH Investor Member LLC	84-3093962	SUBSIDIARY
SOBIERADZ Spolka z o.o.		SUBSIDIARY	TGA Ginza 115 Holdings Pte Ltd		SUBSIDIARY	TGAP The Warehouse At CH Owner LLC	84-3055465	SUBSIDIARY
TELYN SP. z o.o.		SUBSIDIARY	TGA Ginza115 TMK		SUBSIDIARY (38)	TGAP The Warehouse At CH LLC	84-3055701	SUBSIDIARY
TOKARY Sp. z o.o.		SUBSIDIARY	TGA JL Investor Member LLC	84-3718861	SUBSIDIARY	TGA Tri-State Commerce Center LLC		SUBSIDIARY
TURKUS SP. z o.o.		SUBSIDIARY	TGA JL II Investor Member LLC	84-4376472	SUBSIDIARY	TGA Van Dorens West LLC	84-3830895	SUBSIDIARY
WALICHNOWY Sp. z o.o.		SUBSIDIARY	661 Dulles Park CT PJV, LLC		SUBSIDIARY	TGA Washington DC CC LLC	84-3527380	SUBSIDIARY
WEZINY SP. z o.o.		SUBSIDIARY	TGA Landover DC LLC	84-3523582	SUBSIDIARY	TGA Westport Distribution Center LLC	84-2939589	SUBSIDIARY
ZIEMROL Spolka z o.o.		SUBSIDIARY	TGA Maryland Farms Holdings LLC		SUBSIDIARY	TGA Yorktown Trinity Groves LLC	83-0723201	SUBSIDIARY
LOZICE Sp. z o.o.		SUBSIDIARY	U.S. Cities Office Fund Maryland Farms Co-Invest		SUBSIDIARY	TGAM Agribusiness Fund LP	81-1994278	SUBSIDIARY
Adamas SA		SUBSIDIARY	TGA MH Investor Member LLC	84-2765297	SUBSIDIARY (10)	TIAA Administrative Services LLC	82-2826183	SUBSIDIARY
AMBER SP. z o.o.		SUBSIDIARY	TGA MKP Member LLC	82-1169084	SUBSIDIARY	TIAA CLO I Ltd		SUBSIDIARY
JAROSLAWSKO I SP. z o.o.		SUBSIDIARY	TGA MKP Venture LLC	82-1198745	SUBSIDIARY	TIAA CLO I LLC		SUBSIDIARY
JAROSLAWSKO II SP. z o.o.		SUBSIDIARY	TGA MKP REIT LLC	82-1187131	SUBSIDIARY	TIAA CLO I Holding, LLC	84-1905731	SUBSIDIARY
OGARDY SP. z o.o.		SUBSIDIARY	TGA Montague Investor Member, LLC	81-4232788	SUBSIDIARY	TIAA CLO II Ltd		SUBSIDIARY
OPAL SP z o.o.		SUBSIDIARY	TGA Montrose Residences Investor Member, LLC	81-35422251	SUBSIDIARY	TIAA CLO II LLC		SUBSIDIARY
SZAFIR SP. z o.o.		SUBSIDIARY	The Residences at La Colombe d'Or Investors LLC	81-2872565	SUBSIDIARY	TIAA CLO III LLC		SUBSIDIARY
Gospodarstwo Okopy Sp. z o.o.		SUBSIDIARY	TGA Near East LLC	83-4153778	SUBSIDIARY	TIAA CLO III Ltd		SUBSIDIARY
Przedsiębiorstwo Rolne Okopy Sp. z o.o.		SUBSIDIARY	TGA NUAHP Investor Member LLC		SUBSIDIARY	TIAA CLO IV Ltd		SUBSIDIARY
Agrohop Bielice Sp. z o.o.		SUBSIDIARY	NUAHP Preservation Associates JV LLC		SUBSIDIARY	TIAA CLO V Ltd		SUBSIDIARY
Agrohop Service Sp. z o.o.		SUBSIDIARY	TGA NUAHP II Investor Member LLC		SUBSIDIARY	TIAA CMBS I, LLC	13-4173396	SUBSIDIARY
Agrohop Sp. z o.o.		SUBSIDIARY	HVPE NU BX, LLC		SUBSIDIARY	TIAA CMBS I Trust	13-4173396	SUBSIDIARY
Agrohop Bis Sp. z o.o.		SUBSIDIARY				TIAA Diversified Public Investments, LLC	47-4570655	SUBSIDIARY
TGA Connections at Athens Investor Member LLC	83-0780652	SUBSIDIARY						
PEP-TH Athens, LLC	61-1892161	SUBSIDIARY						
PEP Athens, LLC	83-1011298	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 a r.l., which owns 94%, and CB KriEAU DZwei GmbH, which owns 6%.

(38) TGA Ginza115 TMK is ultimately controlled and owned entirely by TIAA, with 51% owned by TGA Japan GK Holdings Pte Ltd and 49% of owned by TGA Ginza 115 Holdings Pte Ltd.

(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
TIAA FSB Holdings, Inc.	90-0615674	SUBSIDIARY	TIAA GTR HoldCo, LLC	46-3881813	SUBSIDIARY	TGA SP-MPC Housing Investor Member LLC	83-2063402	SUBSIDIARY
Everbank Funding, LLC	37-17181179	SUBSIDIARY	Global Timber Resources LLC	46-3210500	SUBSIDIARY	TGA-SP Housing Venture I LLC	83-2147240	SUBSIDIARY
TIAA FSB			Global Timber SA LLC	46-3808387	SUBSIDIARY			
AMC Holding, Inc.	59-3547521	SUBSIDIARY	Global Timber International LLC	46-3899490	SUBSIDIARY	MPSP Ashwood Homes LLC	83-1869400	SUBSIDIARY
Customerone Financial Network, Inc.	43-1823879	SUBSIDIARY	Global Timber Spain, SL		SUBSIDIARY	MPSP Ashwood MHC LLC	83-1869494	SUBSIDIARY
Business Property Lending, Inc.	36-1208070	SUBSIDIARY	Forestal Monte Colombia SAS	1206384	SUBSIDIARY	MPSP Beltline Homes LLC	84-2331138	SUBSIDIARY
Elite Lender Services, Inc.	11-3642567	SUBSIDIARY	Forestal GTR Chile Limitada		SUBSIDIARY	MPSP Beltline Lender LLC	84-2345909	SUBSIDIARY
Tygris Commercial Financial Group, Inc.	61-1560018	SUBSIDIARY	Global Timber Resources Colombia, S.A.S.		SUBSIDIARY	MPSP Beltline MHC LLC	84-2216330	SUBSIDIARY
Tygris Asset Finance, Inc.	26-2483829	SUBSIDIARY	Monte Fresnos Asociacion Agraria de Responsabilidad LTDA		SUBSIDIARY	MPSP Center Grove Homes LLC	83-1088601	SUBSIDIARY
TIAA GBS Holding LLC	81-1241294	SUBSIDIARY	Monte Fresnos, S.A.		SUBSIDIARY	MPSP Center Grove Lender LLC	83-2290040	SUBSIDIARY
TIAA GBS Singapore Holding Company Pte. Ltd.		SUBSIDIARY	Taurion, S.A.		SUBSIDIARY	MPSP Center Grove MHC LLC	83-1076792	SUBSIDIARY
TIAA Global Business Services (India) Private Limited		SUBSIDIARY	Taurion Asociacion Agraria de Responsabilidad LTDA		SUBSIDIARY			
TIAA Global Ag Holdco LLC	27-5551198	SUBSIDIARY	GT Europe Cooperatief U.A.		SUBSIDIARY	MPSP Colinas South Lender LLC	84-2158791	SUBSIDIARY
Global Agriculture AIV (US) LLC		SUBSIDIARY	Global Timber NL, B.V.		SUBSIDIARY	MPSP Colinas South MHC LLC	84-2169896	SUBSIDIARY
Global Ag Properties USA LLC	45-1531685	SUBSIDIARY				MPSP Estancia Lender LLC	84-2277681	SUBSIDIARY
Loma del Rio Vineyards, LLC	80-0843991	SUBSIDIARY (19)	Brasilwood Reflorestamento S.A.		SUBSIDIARY	MPSP Estancia MHC LLC	84-1976109	SUBSIDIARY
Global Agriculture II AIV (US) LLC	47-1083514	SUBSIDIARY	Brasilwood Terras Florestais S.A.		SUBSIDIARY			
Global Ag Properties II USA LLC	47-1069783	SUBSIDIARY	Mamoneira Agropastoril S.A.		AFFILIATE	MPSP Fairlane Oaks Lender LLC	83-4283444	SUBSIDIARY
TIAA-CREF Global Agriculture LLC	27-5551341	SUBSIDIARY	Jatoba Brasil Investimentos Florestais Ltda		SUBSIDIARY	MPSP Fairlane Oaks MHC LLC	83-4241248	SUBSIDIARY
Global AG Properties Australia Pty. Ltd		SUBSIDIARY	Paineira Investimentos Florestais S.A.		SUBSIDIARY	MPSP Lakeview Homes LLC	84-2290488	SUBSIDIARY
Global AG Properties Australia Trust		SUBSIDIARY	IPOPEMA 95 Closed Investment Fund of Non-Public Assets		SUBSIDIARY	MPSP Lakeview Lender LLC	84-2319726	SUBSIDIARY
Nova Gaia Brasil Participaco Ltda.		SUBSIDIARY	EKO Topola Sp. z o.o.		SUBSIDIARY	MPSP Lakeview MHC LLC	84-2199063	SUBSIDIARY
Tellus Brasil Participaco S.A.		SUBSIDIARY (40)	Brusno Resort Sp. z o.o.		SUBSIDIARY	MPSP Lemon Tree Homes LLC	83-1213262	SUBSIDIARY
Terraviva Brasil Participaco Ltda.		SUBSIDIARY (41)		45-3479281	SUBSIDIARY	MPSP Lemon Tree MHC LLC	83-2548459	SUBSIDIARY
Tellus Brasil Participaco S.A.		SUBSIDIARY (40)	730 Parking LLC	81-5307354	SUBSIDIARY	MPSP Mobile Gardens Homes LLC	83-1230821	SUBSIDIARY
Agrobio Investimentos e Participações S.A.		SUBSIDIARY	730 Interpark, LLC	81-5302296	SUBSIDIARY	MPSP Mobile Gardens MHC LLC	83-1230714	SUBSIDIARY
Cerpon Participações S.A.		SUBSIDIARY	A-30 Canadian Transport Inc.		SUBSIDIARY	MPSP Parker Homes LLC	84-2379528	SUBSIDIARY
Nova Ibiajara Propriedades Agrícolas S.A.		SUBSIDIARY	1867 Infrastructure Holdings Inc.		SUBSIDIARY	MPSP Parker Lender LLC	84-2389423	SUBSIDIARY
Tellus Bahia Propriedades Agrícolas Ltda		SUBSIDIARY	ACS NA30 Holding Inc.		SUBSIDIARY	MPSP Parker MHC LLC	84-2247177	SUBSIDIARY
Jatobá Propriedades Agrícolas Ltda		SUBSIDIARY	Nouvelle Autoroute 30, s.e.n.c.		AFFILIATE	MPSP Seven Oaks Homes LLC	84-2277774	SUBSIDIARY
Terra do Sol Propriedades Agrícolas S.A.		SUBSIDIARY	I 595 Toll Road, LLC	38-3857916	SUBSIDIARY	MPSP Seven Oaks Lender LLC	84-2290439	SUBSIDIARY
Terrainvest Propriedades Agrícolas S.A.		SUBSIDIARY	North American Sustainable Energy Fund, L.P.	46-5279686	SUBSIDIARY	MPSP Seven Oaks MHC LLC	84-2198856	SUBSIDIARY
Tparone Participações S.A.		SUBSIDIARY	McCommas Bluff Holdings LLC		AFFILIATE	MPSP Shiloh Homes LLC	83-2700633	SUBSIDIARY
Toperone Agrícola S.A.		SUBSIDIARY	Dallas Clean Energy, LLC		AFFILIATE	MPSP Shiloh Lender LLC	83-2725391	SUBSIDIARY
Tpartwo Participações S.A.		SUBSIDIARY	Dallas Clean Energy McCommas Bluff, LLC		AFFILIATE	MPSP Shiloh MHC LLC	83-2700544	SUBSIDIARY
Topertwo Agrícola S.A.		SUBSIDIARY						
TIAA-CREF Global Agriculture BR, LLC	45-1502187	SUBSIDIARY	Energy Power Investment Company, LLC		SUBSIDIARY	MPSP South Concho Lender LLC	84-2436652	SUBSIDIARY
Nova Gaia Brasil Participaco Ltda.		SUBSIDIARY (39)	EPP Renewable Energy, LLC		SUBSIDIARY	MPSP South Concho MHC LLC	84-2261982	SUBSIDIARY
Terraviva Brasil Participaco Ltda.		SUBSIDIARY (41)	EPP New Jersey Biogas, LLC		SUBSIDIARY	MPSP Stonegate Homes LLC	83-2736822	SUBSIDIARY
TIAA-CREF Global Agriculture II LLC	47-0974399	SUBSIDIARY	EPP New Jersey Solar, LLC		SUBSIDIARY	MPSP Stonegate Lender LLC	83-2736936	SUBSIDIARY
TIAA-CREF Global Agriculture II BR, LLC	47-1062423	SUBSIDIARY	North American Sustainable Energy Fund GP, LLC		SUBSIDIARY	MPSP Stonegate MHC LLC	83-2725560	SUBSIDIARY
TIAA Global Equity Income, LLC	46-2860100	SUBSIDIARY	North American Sustainable Energy Manager, LLC		SUBSIDIARY	MPSP TC GH Homes LLC	84-2319873	SUBSIDIARY
TIAA Global Public Investments, LLC	26-3594208	SUBSIDIARY	TIAA RFS, LLC	82-2885306	SUBSIDIARY	MPSP TC GH Lender LLC	84-2331064	SUBSIDIARY
TIAA Oil and Gas Investments, LLC	45-2665869	SUBSIDIARY	TIAA Advisory, LLC	20-2904312	SUBSIDIARY	MPSP TC GH MHC LLC	84-2216156	SUBSIDIARY
Actgas, LLC	45-1286237	SUBSIDIARY	TIAA-CREF Insurance Agency, LLC	81-2755014	SUBSIDIARY	MPSP TC Sherman Homes LLC	84-2389479	SUBSIDIARY
Actoil Bakken, LLC	46-3410649	SUBSIDIARY	TIAA SMA Strategies, LLC	45-3029655	SUBSIDIARY	MPSP TC Sherman Lender LLC	84-2428588	SUBSIDIARY
Actoil Utica, LLC		SUBSIDIARY	TIAA-Stonepeak Investments I, LLC	45-3030923	SUBSIDIARY	MPSP TC Sherman MHC LLC	84-2247220	SUBSIDIARY
TIAA Realty, LLC	11-3519531	SUBSIDIARY	TIAA-Stonepeak Investments II, LLC		SUBSIDIARY			
T-C 77 Central LLC	81-0902394	SUBSIDIARY	TIAA SynGas, LLC		SUBSIDIARY	MPSP Wildwood Acres Lender LLC	84-2361787	SUBSIDIARY
T-C 680 Belleville LLC	47-2249307	SUBSIDIARY	730 Catsolar, LLC	13-1624203	SUBSIDIARY	MPSP Wildwood Acres MHC LLC	84-2239609	SUBSIDIARY
T-C Port Northwest Development, LLC	46-2678242	SUBSIDIARY	Catalina Solar Lessee Holdco, LLC		SUBSIDIARY	MPSP Wildwood Village Homes LLC	84-2361842	SUBSIDIARY
TGA 70 Federal Street LLC	81-3961919	SUBSIDIARY	Catalina Solar Lessee, LLC		SUBSIDIARY	MPSP Wildwood Village Lender LLC	84-2379481	SUBSIDIARY
			SG Solutions, LLC	56-2492641	AFFILIATE	MPSP Wildwood Village MHC LLC	84-2239646	SUBSIDIARY
			AE Investor II, LLC	27-0195010	SUBSIDIARY	MPSP Windsong Homes LLC	83-2848324	SUBSIDIARY
						MPSP Windsong Lender LLC	83-2848439	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.

(39) 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.

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

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

COMPANY	FEIN	RELATIONSHIP
TIAA Super Regional Mall Member Sub, LLC	45-3164600	SUBSIDIARY
T-C Super Regional Mall Venture, LLC	45-3164764	SUBSIDIARY
T-C International Plaza REIT LLC	45-4623695	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	39-3173536	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	20-8384004	AFFILIATE
T-C Midwest REIT, LLC	45-3165203	SUBSIDIARY
T-C Midwest Retail, LLC	45-2211957	SUBSIDIARY
CBLT-C, LLC	45-3164998	SUBSIDIARY
T-C Montgomery Mall REIT, LLC	27-4117159	SUBSIDIARY
T-C Montgomery Mall, LLC	45-3164998	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
CCAP GP, LLC	35-2429521	SUBSIDIARY
TIAA-CREF Tuition Financing, Inc.	13-4026557	SUBSIDIARY
TIAA Union Place Phase I, LLC	20-8892977	SUBSIDIARY
Union Place Phase I, LLC	20-8261443	SUBSIDIARY
TPG Public Equity Partners Long Opportunities-A, L.P.		SUBSIDIARY
Tybourne Long Opportunities (US) Fund		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 Volante, 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 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

STATEMENT AS OF MARCH 31, 2020 OF THE TIAA-CREF LIFE INSURANCE COMPANY
SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP

LISTING 3 (CONTINUED):

PART 1 - ORGANIZATIONAL CHART

COMPANY	FEIN	RELATIONSHIP
Western A Midwest IL, LLC	84-3441362	SUBSIDIARY
Western A Midwest JR Mezz, LLC		SUBSIDIARY
Western A Midwest Mezz, LLC		SUBSIDIARY
Western A Midwest TN, LLC	84-3440905	SUBSIDIARY
Western A South JR Mezz LLC		SUBSIDIARY
Western A South Mezz LLC		SUBSIDIARY
Western A South TX, LLC	84-3441798	SUBSIDIARY
Western A West JR Mezz, LLC		SUBSIDIARY
Western A West Mezz, LLC		SUBSIDIARY
Western Real Estate Holdco, LLC		SUBSIDIARY
Western A East JR Mezz, LLC		SUBSIDIARY
Western North American Industrial Fund I GP, LLC		SUBSIDIARY
Western North American Industrial Fund I Limited Partner, LLC		SUBSIDIARY
Western North American Industrial Fund I Limited Partnership		SUBSIDIARY
Western NAIF Intermediate Holdco GP II, LLC		SUBSIDIARY
Western NAIF Intermediate Holdco II, LP		SUBSIDIARY
Western A East JR Mezz II, LLC		SUBSIDIARY
WRC Properties, LLC	51-0141732	SUBSIDIARY

STATEMENT AS OF MARCH 31, 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..	
							Nuveen, LLC	..DE..	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	..N..	
			47-1595484	4747826			Nuveen Services, LLC	..DE..	NIA	Nuveen, LLC	Ownership	100.000	TIAA Board of Overseers	..N..	
			81-3407371	5042621			TIAA-CREF Asset Management, LLC	..DE..	NIA	Nuveen, LLC	Ownership	100.000	TIAA Board of Overseers	..N..	
			13-3905273	4599865			L&C Special Member Holdco, LLC	..DE..	NIA	TIAA-CREF Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	..N..	
			81-1272900	4952732			GTR Special Member Holdco LLC	..DE..	NIA	TIAA-CREF Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	..N..	
			46-3889185	4866932			TIAA International GP LLC	..DE..	NIA	TIAA-CREF Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	..N..	
			81-4374969				TIAA-CREF Investment Management, LLC	..DE..	NIA	TIAA-CREF Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	..N..	
			13-3586142	4314303	887793		Nuveen Alternative Holdings, LLC	..DE..	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	..N..	
			46-3870972	4716541			AGR Partners LLC	..DE..	NIA	Nuveen Alternative Holdings, LLC	Ownership	75.000	TIAA Board of Overseers	..N..	
			81-1467545	4974190			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
			36-4853278				Nuveen Agribusiness Fund III GP, LLC	..DE..	NIA	AGR Partners LLC	Ownership	100.000	TIAA Board of Overseers	..N..	
			83-4328253				TGAM Agribusiness Fund GP LLC	..DE..	NIA	AGR Partners LLC	Ownership	100.000	TIAA Board of Overseers	..N..	
			81-1870559	5010657			Beaver Investments Holdings, LLC	..DE..	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	..N..	
			45-5558395	4724096			GreenWood Resources, Inc.	..DE..	NIA	Beaver Investments Holdings, LLC	Ownership	88.690	TIAA Board of Overseers	..N..	
			80-0026976	4724108	1392090		Greenwood Resources Brasil, Ltda.	..BRA..	NIA	GreenWood Resources, Inc.	Ownership	1.000	TIAA Board of Overseers	..N..	200
				4961006			GreenWood Resources Capital Management, LLC	..DE..	NIA	GreenWood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	..N..	
			45-1875074	4724153			GTFF GP, LLC	..DE..	NIA	GreenWood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	..N..	
			20-8501127	4868413			GWR-GTFF Investment, LLC	..DE..	NIA	GreenWood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	..N..	
			20-8955976	4867863			GWR International Ltd.	..VGB..	NIA	GreenWood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	..N..	
				4724144			GWR China Ltd.	..VGB..	NIA	GWR International Ltd.	Ownership	100.000	TIAA Board of Overseers	..N..	
			20-3188681	4724386			GreenWood Resources China Ltd.	..HKG..	NIA	GWR China Ltd.	Ownership	100.000	TIAA Board of Overseers	..N..	
			98-0595429	4868338			GWR SA, Ltd.	..VGB..	NIA	GWR International Ltd.	Ownership	100.000	TIAA Board of Overseers	..N..	
				4724377			GreenWood Resources Chile, S.A.	..CHL..	NIA	GreenWood Resources SA, Ltd.	Ownership	95.000	TIAA Board of Overseers	..N..	
				4724395			GWR Europe Ltd.	..GBR..	NIA	GWR International Ltd.	Ownership	100.000	TIAA Board of Overseers	..N..	
			98-1016332	4868392			GreenWood Resources Poland sp Z.o.o.	..POL..	NIA	GWR Europe Ltd.	Ownership	100.000	TIAA Board of Overseers	..N..	
			98-1016335	4868404			Greenwood Resources Forest Management, LLC	..DE..	NIA	GreenWood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	..N..	
			47-4557075	4887580			Greenwood Resources Brasil, Ltda.	..BRA..	NIA	Greenwood Resources Forest Management, LLC	Ownership	99.000	TIAA Board of Overseers	..N..	200
				4961006			GWR Uruguay S.A.	..URY..	NIA	Greenwood Resources Forest Management, LLC	Ownership	100.000	TIAA Board of Overseers	..N..	
				4796600			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..	
							Churchill Fund GP II LLC	..DE..	NIA	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	..N..	
			83-1177850				Churchill Fund GP II Sarl	..LUX..	NIA	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	..N..	
			98-1449979				Churchill Special Member LLC	..DE..	NIA	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	..N..	
			82-0735838	5106484			Churchill Warehouse LLC	..DE..	NIA	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	..N..	
			82-3784145				Nuveen Churchill Administration LLC	..DE..	NIA	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	..N..	
							TGAM Churchill Fund GP LLC	..DE..	NIA	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	..N..	
			81-1817732	5041615			Global AG AIV (CN) GP, LLC	..DE..	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	..N..	
			45-5044435	4867658			Global Agriculture AIV (CN), LP	..DE..	NIA	Global AG AIV (CN) GP, LLC	Management		TIAA Board of Overseers	..N..	
			45-5044681	4867667			Global Ag II AIV GP LLC	..DE..	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	..N..	
			47-1192644	4753564											

STATEMENT AS OF MARCH 31, 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)	*
			47-1197292	4754776			Global Agriculture II AIV, LP	.DE	NIA	Global Ag II AIV GP LLC	Management		TIAA Board of Overseers	.N	
			47-1208361	4866969			GTR Investor Fund GP LLC	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			83-2245173				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	
							TPS Investors GP, LLC	.DE	NIA	Nuveen Alternatives Advisors, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							Nuveen Alternatives Services, LLC	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			45-4288091	4801858			GAP II NZ GP Limited	.NZL	NIA	Nuveen Alternatives Services, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				5041697											
			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	.DE	NIA	Nuveen Alternatives Services, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			84-1819349				Nuveen Global Farmland Fund GP, LLC	.DE	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	
			26-2719001	4313155			Nuveen International Holdings LLC	.DE	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	
				4781688			Nuveen Investments Canada Co.	.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
			81-4498397	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
			81-4498397	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
			81-4498397	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
							VRE-NRE Maryland Farms Venture	.DE	NIA	U.S. Cities Office Fund Maryland Farms Co-Invest	Ownership	97.000	TIAA Board of Overseers	.N	

STATEMENT AS OF MARCH 31, 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)	*
			82-4054235 35-2633108				U.S. Cities Retail Fund GP LLC .....	.DE	NIA.....	Nuveen GP Holding Company LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							U.S. Cities Multifamily Fund GP LLC .....	.DE	NIA.....	Nuveen GP Holding Company LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			81-5466713	5157909			Nuveen Permian Investor Asset Manager Member LLC .....	.DE	NIA.....	Nuveen Real Estate Global LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							Nuveen Permian Investor Asset Manager Member LLC			Nuveen Permian Investor Asset Manager					
			82-0631410				Permian Investor Asset Manager LLC .....	.DE	NIA.....	Member LLC	Ownership.....	50.000	TIAA Board of Overseers .....	.N	
			82-0607358	5137929			Nuveen Permian Investor GP Member LLC .....	.DE	NIA.....	Nuveen Real Estate Global LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			81-5433582	5140303			Permian Investor GP LLC .....	.DE	NIA.....	Nuveen Permian Investor GP Member LLC	Ownership.....	50.000	TIAA Board of Overseers .....	.N	
							Nuveen Real Estate Global Cities Advisors LLC								
			82-3426937					.DE	NIA.....	Nuveen Real Estate Global LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							Nuveen Real Estate Project Management Services LLC .....	.DE	NIA.....	Nuveen Real Estate Global LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			84-2502695				TIAA International Holdings 1 Limited .....	.GBR	NIA.....	Nuveen Real Estate Global LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			46-1162850	4617620			TIAA International Holdings 2 Limited .....	.GBR	NIA.....	Nuveen Real Estate Global LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			46-1163394	4617639			TIAA International Holdings 3 Limited .....	.GBR	NIA.....	TIAA International Holdings 2 Limited	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4618074			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
			98-1125673	4617705			Nuveen Administration Ltd .....	.GBR	NIA.....	Nuveen Real Estate Limited	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			98-1127648	4618195			Nuveen Europe Holdings Limited .....	.GBR	NIA.....	Nuveen Real Estate Limited	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			98-1128805	4618216			Henderson European Retail Property Fund Management Sarl .....	.LUX	NIA.....	Nuveen Europe Holdings Limited	Ownership.....	94.900	TIAA Board of Overseers .....	.N	
				4715955			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	
							Nuveen Fund Management Vanquish (Jersey) Limited .....	.JEY	NIA.....	Nuveen Fund Management (Jersey) Limited	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4841331			Nuveen Fund Management Vanquish II (Jersey) Limited .....	.JEY	NIA.....	Nuveen Fund Management (Jersey) Limited	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4841322			Asia Pacific Cities Management Sarl .....	.LUX	NIA.....	Nuveen Europe Holdings Limited	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4715964			Nuveen Management AIFM Limited .....	.GBR	NIA.....	Nuveen Europe Holdings Limited	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4716774			Nuveen Management Company (Luxembourg) No 1 Sarl .....	.LUX	NIA.....	Nuveen Europe Holdings Limited	Ownership.....	94.900	TIAA Board of Overseers .....	.N	
				4715946			Nuveen Property Management (Jersey) Limited .....	.JEY	NIA.....	Nuveen Europe Holdings Limited	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4716765			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	
							Anglo-Sino Henderson Investment Consultancy (Beijing) Co Limited .....	.CHN	NIA.....	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4844015			AREFM (BVI) Limited .....	.GBR	NIA.....	Nuveen Group Holdings Ltd	Influence.....		TIAA Board of Overseers .....	.N	
				4715900			CLOF II (GP) Limited .....	.GBR	NIA.....	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4715311			CLOF II Vanquish Limited .....	.JEY	NIA.....	CLOF II (GP) Limited	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				5154010			CLOF II (No 1 GP) Limited .....	.GBR	NIA.....	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4715263			CLOF II (Not Nominee) Limited .....	.GBR	NIA.....	CLOF II (No 1 GP) Limited	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4841304			CLOF II (No 2 GP) Limited .....	.GBR	NIA.....	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4715281			CLOF II (No 3 GP) Limited .....	.GBR	NIA.....	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			98-1165678	4715302			Enhanced Debt Carry (GP) Sarl .....	.LUX	NIA.....	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4908328			ERES APAC II (GP) S.à.r.l .....	.LUX	NIA.....	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				5147003			ERES Europe II (GP) S.à.r.l .....	.LUX	NIA.....	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							European Cities Partnership (GP) S.a.r.l. ....	.LUX	NIA.....	Nuveen Group Holdings Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	.N	

STATEMENT AS OF MARCH 31, 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)	*
							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)								
				5134816			S.a.r.l.	.LUX	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
							Global Real Estate Debt Partners Fund II			Nuveen Real Estate Debt Partners II (GP)					
				4715348			(UK) SCSp	.LUX	NIA	S.a.r.l.	Influence		TIAA Board of Overseers	.N	1300
				4715919			Nuveen Real Estate Nominees Limited	.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4715254			Nuveen Singapore Private Limited	.SGP	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4901235			OMP (GP) Limited	.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
							T-C Lux Investments GP Sarl	.LUX	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
							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	
							Tokyo Multifamily GP PTE Ltd	.LUX	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4715272			UK OM (LP1) (GP) Limited	.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4841292			UK OM (LP1) Limited	.GBR	NIA	UK OM (LP1) (GP) Limited	Ownership	100.000	TIAA Board of Overseers	.N	
				4715290			UK OM (LP2) (GP) Limited	.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4841283			UK OM (LP2) Limited	.GBR	NIA	UK OM (LP2) (GP) Limited	Ownership	100.000	TIAA Board of Overseers	.N	
				4715320			UK OM (LP3) (GP) Limited	.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4841274			UK OM (LP3) Limited	.GBR	NIA	UK OM (LP3) (GP) Limited	Ownership	100.000	TIAA Board of Overseers	.N	
							Nuveen Real Estate NYC Property Fund GP								
			82-4266474				Member LLC	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
										Nuveen Real Estate NYC Property Fund GP					
			82-4213248				New York City Property Fund GP LLC	.DE	NIA	Member LLC	Ownership	50.000	TIAA Board of Overseers	.N	
			84-4343117				NYC Property Fund II (C) Pooling LP	.DE	NIA	New York City Property Fund GP LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							New York City Property Fund II (C) LP	.DE	NIA	New York City Property Fund GP LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			84-4342907				NYC Property Fund II (C) Blocker 1 LLC	.DE	NIA	New York City Property Fund II (C) LP	Ownership	100.000	TIAA Board of Overseers	.N	
			83-2335230				New York City Property Fund II (T) LP	.DE	NIA	New York City Property Fund GP LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			83-4678924				NYC Property Fund (T) Blocker 1, LLC	.DE	NIA	New York City Property Fund II (T) LP	Ownership	100.000	TIAA Board of Overseers	.N	
			83-4671194				NYC Property Fund Pooling LP	.DE	NIA	New York City Property Fund II (T) LP	Ownership	100.000	TIAA Board of Overseers	.N	
			83-4653622				NYC Property Fund SPV 1 LLC	.DE	NIA	NYC Property Fund Pooling LP	Ownership	100.000	TIAA Board of Overseers	.N	
			83-4701919				NYC Property Fund SPV 2 LLC	.DE	NIA	NYC Property Fund Pooling LP	Ownership	100.000	TIAA Board of Overseers	.N	
			06-1217855	4680325			Nuveen Real Estate Property Holdings L.L.C.	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
										Nuveen Real Estate Property Holdings L.L.C.					
			30-0794692	4683559			Casa Partners VI GP, LLC	.DE	NIA		Ownership	100.000	TIAA Board of Overseers	.N	
										Nuveen Real Estate Property Holdings L.L.C.					
			47-5190671	4912772			Casa Partners VII GP, LLC	.DE	NIA		Ownership	100.000	TIAA Board of Overseers	.N	
										Nuveen Real Estate Property Holdings L.L.C.					
			82-4363605				CASA Partners VIII GP, LLC	.DE	NIA		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.	.DE	NIA		Ownership	100.000	TIAA Board of Overseers	.N	

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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)	*
			20-2537749	4681809			Global Investors GP II, L.L.C.	DE	NIA	Nuveen Real Estate Property Holdings L.L.C.	Ownership	100.000	TIAA Board of Overseers	N	
			20-3070768	4681818			Global Investors GP IV, L.L.C.	DE	NIA	Nuveen Real Estate Property Holdings L.L.C.	Ownership	100.000	TIAA Board of Overseers	N	
			81-2388576	5193381			Nuveen Real Estate U.S. Strategic Industrial Fund I GP, LLC	DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-5367344	4747170			TCGA BT AIV, LLC	DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			45-5139523	4867368			TCGA Investor Fund GP, LLC	DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-3511076	4843278			TCGA II Investor Fund GP, LLC	DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-4330570				TGAM International GP LLC	DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			45-1532009	4801867			TIAA Global Ag Special Member LLC	DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-1749609	4843287			TIAA Global Ag II Special Member LLC	DE	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	DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			20-1394681	4314255			U.S. Cities Fund GP, LLC	DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3647870	5116607			U.S. Cities Industrial CPF Fund GP LLC	DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Cities Industrial Fund GP LLC	DE	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.	DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			27-3417683	4312925			Westchester Group Investment Management, Inc.	DE	NIA	Westchester Group Investment Management Holding Company, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
							Westchester Group Investment Management, Inc.			Westchester Group Investment Management, Inc.	Ownership	91.110	TIAA Board of Overseers	N	
			87-0735518	4746977			Plata Wine Partners, LLC	CA	NIA	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			37-1261935	4617693			Terra Land Co.	IL	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	
			37-1193972	4618122			Westchester Group Asset Management, Inc.	IL	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	
				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
							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	

STATEMENT AS OF MARCH 31, 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)	*
				4781941			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	
			36-4709028	4774868	1602171		Nuveen NIQ Holdings, LLC	DE	NIA	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			30-0892190	4981189	1661847		NIQ Partners, LLC	DE	NIA	Nuveen NIQ Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-0875103	4776518	763848		NIQ Investment Management Company, LLC	DE	NIA	NIQ 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	
							CLO ColInvest I LLC	DE	NIA	Teachers Advisors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association of America								
			13-3987258	4599052			485 Properties, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			16-1735872	4601209			TOPC Associates, LLC	DE	NIA	485 Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association of America								
			81-3091169	5026603			730 Data Centers, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	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								
			47-2616735	4801719			730 Power Development, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	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								
			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								
							730 Transmission, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	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								
			13-4042885	4599801			730 Texas Forest Holdings, Inc.	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	Y	
							Teachers Insurance and Annuity Association of America								
			51-0494351	4599838			730 Texas Timberlands II, Ltd.	TX	NIA	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
							Teachers Insurance and Annuity Association of America								
			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								
			13-4085431	4601740			TIAA Timberlands II, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			13-4042888	4601713			730 Texas Timberlands, Ltd.	TX	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
							Actoi1, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	

STATEMENT AS OF MARCH 31, 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)	*
			46-3373066	4602916			Actoil Colorado, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			4651521				Great Western Petroleum LLC	DE	NIA	Actoil Colorado, LLC	Influence		TIAA Board of Overseers	N	
			45-2285816	4860501			Almond Processors, LLC	DE	NIA	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	Influence		TIAA Board of Overseers	N	
							BRE Jupiter Holdco UT DC, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							BRE Jupiter Mezz 2 UT DC, LLC	DE	NIA	BRE Jupiter Holdco UT DC, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							BRE Jupiter Mezz 1 UT DC, LLC	DE	NIA	BRE Jupiter Mezz 2 UT DC, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							BRE Jupiter UT DC, LLC	DE	NIA	BRE Jupiter Mezz 1 UT DC, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							BRE Jupiter Holdco Agave DC, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							BRE Jupiter Mezz 2 Agave DC, LLC	DE	NIA	BRE Jupiter Holdco Agave DC, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							BRE Jupiter Mezz 1 Agave DC, LLC	DE	NIA	BRE Jupiter Mezz 2 Agave DC, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1952974	4599940			Broadleaf Timberland Investments, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			26-4647417	4601768			Quercus Forestland Account, LLC	NC	NIA	Broadleaf Timberland Investments, LLC	Ownership	99.000	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	
			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			CSPF-PEP Purdue LLC	DE	NIA	PEP-TH CASA Student Housing, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			30-0965548	5195237			CSPF-PEP USF LLC	DE	NIA	PEP-TH CASA Student Housing, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			13-1624203	4600015			CCM Series, LLC	DE	NIA	Casa Student Housing Fund Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-4069196	4899604			CCAP Fund 6 - 2015, L.P.	DE	NIA	CCM Series, LLC	Ownership	87.500	TIAA Board of Overseers	N	
			81-1205888	5010648			CCAP Fund 6 - 2016, L.P.	DE	NIA	CCM Series, LLC	Ownership	97.800	TIAA Board of Overseers	N	
			81-4732595	5183485			CCAP Fund 6 - 2017, L.P.	DE	NIA	CCM Series, LLC	Ownership	91.100	TIAA Board of Overseers	N	
			82-3167398				CCAP Fund 6 - 2018, L.P.	DE	NIA	CCM Series, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2787412				CCAP Fund 6 - 2019, L.P.	DE	NIA	CCM Series, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-4079472	4899613			CCAP Fund 8 - 2015, L.P.	DE	NIA	CCM Series, LLC	Ownership	92.100	TIAA Board of Overseers	N	
			81-1212188	5010639			CCAP Fund 8 - 2016, L.P.	DE	NIA	CCM Series, LLC	Ownership	90.900	TIAA Board of Overseers	N	
			81-3718876	5047596			CCAP Fund 8 - 2017, L.P.	DE	NIA	CCM Series, LLC	Ownership	91.600	TIAA Board of Overseers	N	
			82-3182368				CCAP Fund 8 - 2018, L.P.	DE	NIA	CCM Series, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2793857				CCAP Fund 8 - 2019, L.P.	DE	NIA	CCM Series, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-0784669	4990882			CCAP Fund GE, L.P.	DE	NIA	CCM Series, LLC	Ownership	89.000	TIAA Board of Overseers	N	
			81-0821374	4990903			CCAP Fund HFD, L.P.	DE	NIA	CCM Series, LLC	Ownership	98.600	TIAA Board of Overseers	N	
			81-0758188	4990891			CCAP Fund HFND, L.P.	DE	NIA	CCM Series, LLC	Ownership	93.600	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	

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

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			4633330				IAI Australia Trust	AUS	NIA	International Agricultural Investors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-0460488	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	
			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	
			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	

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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)	*
			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.....	
							Hillhouse China Value Fund, L.P.	..DE..	..NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	..N.....	
							IC Partners Onshore Fund	..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
				4643049			Nova Amaralina S.A. Propriedades Agricolas	..BRA..	..NIA.....	Radar Propriedades Agricolas S.A.	Ownership.....	100.000	TIAA Board of Overseers	..N.....	
				4643320			Nova Agricola Ponte Alta 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.....	
				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.....	
				4644318			Bioinvestments Negocios e Participacoes	..BRA..	..NIA.....	Radar II Propriedades Agricolas S.A.	Ownership.....	100.000	TIAA Board of Overseers	..N.....	
				4644309			Aguas 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.....	

STATEMENT AS OF MARCH 31, 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)	*
			11-3034756	4600789			ND Properties, Inc. ....	.DE	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	.Y.....	
				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.....	
							CHOP OPCl .....	.FRA	NIA.....	Cityhold Office Partnership S.à r.l.	Ownership.....	100.000	TIAA Board of Overseers .....	.N.....	
			98-1435873				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 Coöperatief U.A. ....	.NLD	NIA.....	Cityhold EST Investment S.à r.l.	Ownership.....	100.000	TIAA Board of Overseers .....	.N.....	
							Cityhold Prinses AcquiCo Coöperatief BV	.NLD	NIA.....	Cityhold Prinses Coöperatief U.A.	Ownership.....	100.000	TIAA Board of Overseers .....	.N.....	
							Arc Portfolio Owner Prinses B.V. ....	.NLD	NIA.....	Cityhold Prinses AcquiCo Coöperatief 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.....	
				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 OverseersN.....	2900

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

1	2	3	4	5	6	7	8	9	10	11	12 Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	13 If Control is Owner- ship Provide Perce- ntage	14 Ultimate Controlling Entity(ies)/Person(s)	15 Is an SCA Filing Re- quired? (Y/N)	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)					
				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	
								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 LP	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 REIT LLC	DE	NIA	U.S. Cities Multifamily Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
							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	
								DE	NIA	U.S. Cities Multifamily Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3794611	5116773			U.S. Cities Office CPF Fund 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 REIT LLC	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	
							U.S. Cities Office CPF Fund Operating GP LLC	DE	NIA	U.S. Cities Office Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3881522	5116595			U.S. Cities Office CPF Fund REIT 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	DE	NIA	U.S. Cities Retail Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3578259	5086924			U.S. Cities Retail CPF Fund REIT LLC	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	
								DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	86.300	TIAA Board of Overseers	N	
			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	

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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)	*
			83-4701919 83-4671194 84-3388831				New York City Fund Operating GP LLC New York City Property Fund Operating LP 125 West End Investors LLC	DE DE DE	NIA NIA NIA	New York City Property Fund REIT LLC New York City Property Fund REIT LLC New York City Property Fund Operating LP	Ownership Ownership Ownership	100.000 100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	N N N	
			83-4653622				125 West End Holdings LLC 125 West End Associates LLC	DE DE	NIA NIA	125 West End Investors LLC 125 West End Holdings LLC	Ownership Ownership	100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers	N N	
			84-2320652 84-1895540 84-1834824 84-1857338 84-1842298 84-1880235				NGFF Holdco, LLC Nuveen Global Farmland Fund, LP Global Farmland US Properties, LLC US Horticulture Farmland, LLC US Row Farmland, LLC US Viticulture Farmland, LLC	DE DE DE DE DE DE	NIA NIA NIA NIA NIA NIA	Teachers Insurance and Annuity Association of America NGFF Holdco, LLC Nuveen Global Farmland Fund, LP Global Farmland US Properties, LLC Global Farmland US Properties, LLC Global Farmland US Properties, LLC	Ownership Ownership Ownership Ownership Ownership Ownership	100.000 100.000 100.000 100.000 100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	N N N N N 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	
							Nuveen Municipal Opportunities Fund LP	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	74.420	TIAA Board of Overseers	N	
			81-2429791	5194061			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	
			26-4750562 46-1768969	4600846 4611860 4643861			Occator Agricultural Properties, LLC AGR Agricultural Investments, LLC Ridley Corporation Limited	DE DE AUS	NIA NIA NIA	Teachers Insurance and Annuity Association of America Occator Agricultural Properties, LLC AGR Agricultural Investments	Ownership Ownership Influence	100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	N N N	
			45-1125143 26-4621336	5106475 4628608 4644475			Mandala Food Co-Investment Holdings II SPV Materra, LLC Teays River Investments, LLC	MUS CA DE	NIA NIA NIA	Occator Agricultural Properties, LLC Occator Agricultural Properties, LLC Occator Agricultural Properties, LLC	Ownership Influence Influence	100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	N N N	
			26-4248579	4313025			Oleum Holding Company, Inc. 2234328 Alberta ULC	DE CAN	NIA NIA	Teachers Insurance and Annuity Association of America Oleum Holding Company, Inc.	Ownership Ownership	100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers	Y N	
				4313100			Polar Star Canadian Oil and Gas Holding, Inc	CAN	NIA	Oleum Holding Company, Inc. Polar Star Canadian Oil and Gas Holding, Inc	Ownership	100.000	TIAA Board of Overseers	N	
				4612755			Adastra Management, Inc.	CAN	NIA	Polar Star Canadian Oil and Gas Holding, Inc	Management		TIAA Board of Overseers	N	
				4936095			Nova Star Oil and Gas Inc.	CAN	NIA	Polar Star Canadian Oil and Gas Holding, Inc	Ownership	100.000	TIAA Board of Overseers	N	
				4313128			Polar Star Canadian Oil and Gas, Inc.	CAN	NIA	Polar Star Canadian Oil and Gas Holding, Inc	Ownership	100.000	TIAA Board of Overseers	N	
			26-3821015	4630133			Pinnacle Third Avenue, LP Primary Residential Individual Mortgage Entity Trust	DE DE	NIA NIA	Teachers Insurance and Annuity Association of America Teachers Insurance and Annuity Association of America	Influence Ownership		TIAA Board of Overseers TIAA Board of Overseers	N N	
			81-6646838	5018644			Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America		100.000	TIAA Board of Overseers	N	
			45-2792614	4601142 4990994 4614713			Renewable Timber Europe, LLC Renewable Timber Netherlands B.V. Topola Lasy Spolka z.o.o.	DE POL POL	NIA NIA NIA	Teachers Insurance and Annuity Association of America Renewable Timber Europe, LLC Renewable Timber Netherlands B.V.	Ownership Ownership Ownership	100.000 100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	N N N	
			61-1640765	4601759			Renewable Timber Resources, LLC Forestal y Agrícola Silvoligna Chile Limitada	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4611927			Renewable Timber Resources, LLC	CHL	NIA	Teachers Insurance and Annuity Association of America	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	

STATEMENT AS OF MARCH 31, 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)	*
			46-3922951	4599968			T-C 20 Hunter Street (US), LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	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 Hold 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 Quoifo I SRL	ITA	NIA	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Overseers	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 OPC 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 OPC 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	

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

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				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.	.MLD	NIA	Neptune Property Holding S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
							Silesia Outlet sp. z o.o	.POL	NIA	Neptune Property Holding S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4949095			Neptune Roppenheim Holding S.à r.l	.FRA	NIA	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4901383			Roppenheim Outlet SNC	.FRA	NIA	Neptune Roppenheim Holding S.à r.l	Ownership	0.010	TIAA Board of Overseers	.N	3200
				5083642			Neptune Vicolungo I S.r.l.	.ITA	NIA	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
							Teachers Insurance and Annuity Association of America								
			45-2877772	4601786			T-C GA Real Estate Holdings, LLC	.DE	NIA		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	
			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 Defoor 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 Sego 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	
			82-5503093				NR Tacara at Steiner Ranch LLC	.DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
			83-4298885				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	
			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	

STATEMENT AS OF MARCH 31, 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)	*
			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								
			46-4567368	4651473			T-C JK I, LLC	DE	NIA	of America	Ownership	100.000	TIAA Board of Overseers	N	
				4680316			Adeoti Empreendimentos Imobiliários Ltda	BRA	NIA	T-C JK I, LLC	Ownership	51.000	TIAA Board of Overseers	N	3300
							Teachers Insurance and Annuity Association								
			46-4587620	4651482			T-C JK II, LLC	DE	NIA	of America	Ownership	100.000	TIAA Board of Overseers	N	
				4680316			Adeoti Empreendimentos Imobiliários Ltda	BRA	NIA	T-C JK II, LLC	Ownership	49.000	TIAA Board of Overseers	N	3300
							Teachers Insurance and Annuity Association								
			47-4095803	4864022			T-C Lux Fund Holdings LLC	DE	NIA	of America	Ownership	100.000	TIAA Board of Overseers	N	
							T-C Lux Investments Special Limited								
				4896256			Partnership	LUX	NIA	T-C Lux Fund Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
							European Cities Partnership SCSp	LUX	NIA	T-C Lux Investments Special Limited	Influence		TIAA Board of Overseers	N	1200
							Global Real Estate Debt Partners Fund I (UK)	LUX	NIA	T-C Lux Investments Special Limited	Ownership	24.300	TIAA Board of Overseers	N	2100
				4894805			Partnership			Teachers Insurance and Annuity Association					
			81-4583865	5137956			T-C MV Member LLC	DE	NIA	of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-4599024	5147049			T-C M-T REIT LLC	DE	NIA	T-C MV Member LLC	Ownership	99.900	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association								
							T-C MV Member II LLC	DE	NIA	of America	Ownership	100.000	TIAA Board of Overseers	N	
							T-C M-T REIT II LLC	DE	NIA	T-C MV Member II LLC	Ownership	51.000	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association								
			47-1954609	4759605			T-C Mt. Ommaney Centre Holding Company LLC	DE	NIA	of America	Ownership	100.000	TIAA Board of Overseers	N	
							T-C Mt. Ommaney Centre LLC	DE	NIA	T-C Mt. Ommaney Centre Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association								
			82-1023309	5117800			T-C Permian Investor LLC	DE	NIA	of America	Ownership	100.000	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association								
			46-3007720	4599874			T-C SBMC Joint Venture LLC	DE	NIA	of America	Ownership	100.000	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association								
			36-4620008	4599128			T-C SMA 2, LLC	DE	NIA	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	
							Teachers Insurance and Annuity Association								
			81-2204918	4990976			T-C The Edge at Flagler Village, LLC	DE	NIA	of America	Ownership	100.000	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association								
			81-2676934	5012370			T-C UK RE Holdings I, LLC	DE	NIA	of America	Ownership	100.000	TIAA Board of Overseers	N	

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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)	*
			81-2691474 81-3299073	5014299 5018635 5044586 5044586			T-C UK RE Holdings II, LLC T-C UK RE Holdings III, LLC Thurrock Retail Park Unit Trust Thurrock Retail Park Unit Trust	.DE .DE .JEY .JEY	NIA NIA NIA NIA	T-C UK RE Holdings I, LLC T-C UK RE Holdings II, LLC T-C UK RE Holdings III, LLC T-C UK RE Holdings II, LLC	Ownership Ownership Ownership Ownership	100.000 100.000 99.500 0.500	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	.N .N .N .N	 3400 3400
			47-3148337 47-5379777 47-5392075	4894869 4925512 4927785			T-C U.S. Super Regional Mall Fund LP T-C Waterford Blue Lagoon General Partner, LLC Waterford Blue Lagoon LP	.DE .DE .DE	NIA NIA NIA	Teachers Insurance and Annuity Association of America Teachers Insurance and Annuity Association of America T-C Waterford Blue Lagoon General Partner, LLC	Management Ownership Ownership	 100.000 1.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	.N .N .N	 3500
			47-5375805 47-5392075	4925503 4927785			T-C Waterford Blue Lagoon, LLC Waterford Blue Lagoon LP Westland At Waterford REIT General Partner LLC	.DE .DE .DE	NIA NIA NIA	Teachers Insurance and Annuity Association of America T-C Waterford Blue Lagoon, LLC	Ownership Ownership	100.000 50.000	TIAA Board of Overseers TIAA Board of Overseers	.N .N	3500
			81-0779817 47-5321319 47-5635267 47-5580924	4930226 4930196 4933003 4932994			Westland At Waterford REIT General Partner LLC Westland At Waterford REIT LP Westland At Waterford General Partner LLC Westland At Waterford Operating LP	.DE .DE .DE .DE	NIA NIA NIA NIA	Waterford Blue Lagoon LP Waterford Blue Lagoon LP Westland At Waterford REIT LP Westland At Waterford REIT LP	Ownership Ownership Ownership Ownership	100.000 100.000 100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	.N .N .N .N	
				4930244 4930208 4933067 4933012 4933076 4933021 4933085 4933030 4933115 4933049 5165557 5165566			Waterford Blue Lagoon REIT General Partner LLC Waterford Blue Lagoon REIT LP 5201-5301 Waterford General Partner LLC 5201-5301 Waterford Operating LP 5200 Waterford General Partner LLC 5200 Waterford Operating LP 1000 Waterford General Partner LLC 1000 Waterford Operating LP 701-703 Waterford General Partner LLC 701-703 Waterford Operating LP Waterford Core REIT General Partner LLC Waterford Core REIT LP	.DE .DE .DE .DE .DE .DE .DE .DE .DE .DE .DE .DE	NIA NIA NIA NIA NIA NIA NIA NIA NIA NIA NIA NIA	Waterford Blue Lagoon LP Waterford Blue Lagoon LP Waterford Blue Lagoon REIT LP Waterford Blue Lagoon REIT LP Waterford Blue Lagoon REIT LP Waterford Blue Lagoon REIT LP Waterford Blue Lagoon REIT LP Waterford Blue Lagoon REIT LP Waterford Blue Lagoon REIT LP Waterford Blue Lagoon REIT LP Waterford Blue Lagoon LP Waterford Blue Lagoon LP	Ownership Ownership Ownership Ownership Ownership Ownership Ownership Ownership Ownership Ownership Ownership Ownership	100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	.N .N .N .N .N .N .N .N .N .N .N .N	
			84-3541603 81-0733012 47-5587163 82-2663579 82-2672297	4930217 4928661 5165548 5165539			Waterford Core 800 REIT General Partner LLC Waterford Core 800 REIT LP Waterford Core General Partner LLC Waterford Core Operating LP Waterford Core II Operating LP Waterford Core II General Partner LLC	.DE .DE .DE .DE .DE .DE	NIA NIA NIA NIA NIA NIA	Waterford Core REIT LP Waterford Core REIT LP Waterford Core 800 REIT LP Waterford Core 800 REIT LP Waterford Core REIT LP Waterford Core REIT LP	Ownership Ownership Ownership Ownership Ownership Ownership	100.000 100.000 100.000 100.000 100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	.N .N .N .N .N .N	
							Taiyo Hinata Fund, L.P.	.DE	NIA	Teachers Insurance and Annuity Association of America Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			81-2146865 98-1310748 98-1310748	5041688 5041660 5042658			TEFF Holdco LLC TIAA European Farmland Fund GP LP TIAA European Farmland Fund LP	.DE .CYM .CYM	NIA NIA NIA	TEFF Holdco LLC TEFF Holdco LLC TEFF Holdco LLC	Ownership Ownership Management	100.000 50.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	.N .N .N	400
				5043066 5044607			TEFF Holding S.a.r.l TEFF Investments B.V. Areal III Spolka z o.o. Hodowla Zwierząt Zarodowych Choczewo Spolka z o.o. Hodowla Zwierząt Zarodowych Wierzychucino Spolka z o.o. Hodowla Zwierząt Zarodowych Zarnowiec Spolka z o.o.	.LUX .MLD .POL .POL .POL .POL	NIA NIA NIA NIA NIA NIA	TIAA European Farmland Fund LP TEFF Holding S.a.r.l TEFF Investments B.V. TEFF Investments B.V.	Ownership Ownership Ownership Ownership	100.000 100.000 100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	.N .N .N .N	
				5093856 5117408			Dangro Invest SA AGRA Spolka z o.o.	.DNK .POL	NIA NIA	TEFF Investments B.V. Dangro Invest SA	Ownership Ownership	100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers	.N .N	

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

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				5116456			AGAT 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	
				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	
							KOLNO Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117369			MILKOWO Sp. Z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117378			SEE-AGRO SP. z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117387			SATOPY Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117396			Pszenrol SA	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5104556			AGROLAND Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117417			AGROPOL Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117426			BUDUS Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117435			CIESZYSZLAW SP z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117444			FARMEX Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117453			JASIONNO Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117462			ROLA Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117640			ROLPOL Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117659			ROLZBUD Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117668			SOBIERADZ Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117695			TELYN SP. z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117677			TOKARY Sp. z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117686			TURKUS SP. z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117707			WALICHNOWY Sp. z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117761			WEZINY SP. z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117770			ZIEMROL Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117789			LOZICE Sp. z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117798			Adamas SA	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5098486			AMBER SP. z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5116586			JAROSLAWSKO I SP. z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5116522			JAROSLAWSKO II SP. z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5116513			OGARDY SP. z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5116492			OPAL SP z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5116483			SZAFIR SP. z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5116465			Gospodarstwo Okopy Sp. z o.o.	.POL	NIA	TEFF Investments B.V.	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	
							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 Service 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	
							Teachers Insurance and Annuity Association of America								
			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	
							Teachers Insurance and Annuity Association of America								
			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	
							Teachers Insurance and Annuity Association of America								
			81-2769108	5012389			TGA 299 Franklin 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								
			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	
							Teachers Insurance and Annuity Association of America								
			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	
							Teachers Insurance and Annuity Association of America								
			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	
							Teachers Insurance and Annuity Association of America								

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

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			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	
			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	
			84-2939313				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	
							TGA Connections at Athens Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			83-0780652					DE	NIA	TGA Connections at Athens Investor Member LLC	Ownership	100.000	TIAA Board of Overseers	N	
			61-1892161				PEP-TH Athens, LLC	DE	NIA	PEP-TH Athens, 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	
							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 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	

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

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							Eagle Partnership SCSpLUX	NIA.....	TGA European RE Holdings I, LLC	Ownership.....	89.500	TIAA Board of OverseersN.....	
							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								
							Studenthouse 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								
							Studenthouse KG .....	.AUT	NIA.....	Eagle Austria Holdings S.à r.l.	Ownership.....	94.000	TIAA Board of Overseers .....	..N.....	3700
							Studenthouse Rua Manuel Pereira, S.A .....	.PRT	NIA.....	Eagle JVCo S.à r.l.	Ownership.....	100.000	TIAA Board of Overseers .....	..N.....	
				5049497			Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	..N.....	
			82-2708488				TGA FC Investor Member LLC .....	.DE	NIA.....	TGA FC Investor Member LLC	Ownership.....	50.000	TIAA Board of Overseers .....	..N.....	
			82-2708488				Fenway Center Holding 1-2, LLC .....	.DE	NIA.....	Fenway Center Holding 1-2, LLC	Ownership.....	100.000	TIAA Board of Overseers .....	..N.....	
							Fenway Center Owner 1-2, LLC .....	.DE	NIA.....	Teachers Insurance and Annuity Association of America	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.....	
							Teachers Insurance and Annuity Association of America			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.....	
							Teachers Insurance and Annuity Association of America			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.....	
							Teachers Insurance and Annuity Association of America			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				Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	..N.....	
							TGA Hagerstown DC LLC .....	.DE	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	..N.....	
			84-3475313				Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	..N.....	
							TGA Hollins End LLC .....	.DE	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	..N.....	
			84-3523721				Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	..N.....	
							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			Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	..N.....	
				5047710			TGA Japan Holdings, LLC .....	.DE	NIA.....	TGA Japan Holdings, LLC	Ownership.....	100.000	TIAA Board of Overseers .....	..N.....	
				5048771			TGA Japan Holdings Pte Ltd .....	.SGP	NIA.....	TGA Japan Holdings Pte Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	..N.....	
				504929			TGA Japan GK Holdings Pte Ltd .....	.SGP	NIA.....	TGA Japan Holdings Pte Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	..N.....	
				5049938			TGA Ginza115 GK .....	.JPN	NIA.....	TGA Japan GK Holdings Pte Ltd	Ownership.....	99.000	TIAA Board of Overseers .....	..N.....	
				5049938			TGA Ginza115 TMK .....	.JPN	NIA.....	TGA Japan GK Holdings Pte Ltd	Ownership.....	51.000	TIAA Board of Overseers .....	..N.....	3800
				5048762			TGA Ginza 115 Holdings Pte Ltd .....	.SGP	NIA.....	TGA Japan Holdings Pte Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	..N.....	
				5049938			TGA Ginza115 TMK .....	.JPN	NIA.....	TGA Ginza 115 Holdings Pte Ltd	Ownership.....	49.000	TIAA Board of Overseers .....	..N.....	3800
				5050064			TGA Ginza115 ISH .....	.JPN	NIA.....	TGA Ginza 115 Holdings Pte Ltd	Ownership.....	100.000	TIAA Board of Overseers .....	..N.....	
							Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	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.....	
							Teachers Insurance and Annuity Association of America			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.....	TGA JL II Investor Member LLC	Ownership.....	95.000	TIAA Board of Overseers .....	..N.....	
							661 Dulles Park CT PJV, 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			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.....	
							Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	..N.....	
							TGA Maryland Farms Holdings LLC .....	.DE	NIA.....	TGA Maryland Farms Holdings LLC	Ownership.....	49.000	TIAA Board of Overseers .....	..N.....	1000
							U.S. Cities Office Fund Maryland Farms Co-Invest .....	.DE	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	..N.....	
			84-2765297				Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	..N.....	
							TGA MH Investor Member 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			Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	..N.....	
			82-1169084				TGA MKP Member LLC .....	.DE	NIA.....	TGA MKP Member LLC	Ownership.....	60.000	TIAA Board of Overseers .....	..N.....	
			82-1198745				TGA MKP Venture LLC .....	.DE	NIA.....	TGA MKP Venture LLC	Ownership.....	100.000	TIAA Board of Overseers .....	..N.....	
			82-1187131				TGA MKP REIT LLCDE	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of OverseersN.....	

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			81-4232788	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	
			83-1916152				TGA MS Self Storage Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			83-2379583				Morningstar NRE Self Storage Portfolio LLC	DE	NIA	TGA MS Self Storage Investor Member LLC	Ownership	90.000	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	
							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	
							TGA NJAHP Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							TGA 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	
							TGA North Miller Industrial LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	

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							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	
			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	
			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	

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)	*
			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	
			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	

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

1	2	3	4	5	6	7	8	9	10	11	12 Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	13 If Control is Owner- ship Provide Percen- tage	14 Ultimate Controlling Entity(ies)/Person(s)	15 Is an SCA Filing Re- quired? (Y/N)	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	Rela- tion- ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)					
			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	
			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	
			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	
			84-3527380				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 Trinity Groves 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	

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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)	*
			84-1921751	5157860			TIAA CLO II Ltd TIAA CLO II LLC TIAA CLO II Holding, LLC	.CYM .DE .DE	NIA NIA NIA	Teachers Insurance and Annuity Association of America TIAA CLO II Ltd TIAA CLO II Ltd	Management Ownership Ownership	 100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	.N .N .N	
							TIAA CLO III Ltd. TIAA CLO III LLC	.CYM .DE	NIA NIA	Teachers Insurance and Annuity Association of America TIAA CLO III Ltd.	Management Ownership	 100.000	TIAA Board of Overseers TIAA Board of Overseers	.N .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	
			59-3531592	2735146			Everbank Funding, LLC	.DE	NIA	TIAA FSB Holdings, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
			59-3547521	4318057			TIAA, FSB	.US	NIA	TIAA FSB Holdings, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
			43-1823879	4318066			AMC Holding, Inc.	.FL	NIA	TIAA, FSB	Ownership	100.000	TIAA Board of Overseers	.N	
			36-1208070	4460817			Customerone Financial Network, Inc.	.DE	NIA	AMC Holding, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
			11-3642567	4318178			Business Property Lending, Inc.	.DE	NIA	TIAA, FSB	Ownership	100.000	TIAA Board of Overseers	.N	
			61-1560018	4318217	1436613		Elite Lender Services, Inc.	.FL	NIA	TIAA, FSB	Ownership	100.000	TIAA Board of Overseers	.N	
			20-0716627	4318226			Tygris Commercial Financial Group, Inc.	.DE	NIA	TIAA, FSB	Ownership	100.000	TIAA Board of Overseers	.N	
			26-2483829	3867400			TIAA Commercial Finance, Inc.	.DE	NIA	Tygris Commercial Financial Group, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
			81-1241294	4979391			Tygris Asset Finance, Inc.	.DE	NIA	Tygris Commercial Financial Group, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
							TIAA GBS Holding LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
							TIAA GBS Singapore Holding Company Pte. Ltd.	.SGP	NIA	TIAA GBS Holding LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							TIAA Global Business Services (India) Private Limited	.IND	NIA	TIAA GBS Singapore Holding Company Pte. Ltd.	Ownership	100.000	TIAA Board of Overseers	.N	
			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	3900
				4644493			Tellus Brasil Participaco S.A.	.BRA	NIA	Nova Gaia Brasil Participaco Ltda.	Management		TIAA Board of Overseers	.N	4000
				4644484			Terraviva Brasil Participaco Ltda.	.BRA	NIA	Nova Gaia Brasil Participaco Ltda.	Ownership	99.990	TIAA Board of Overseers	.N	4100
				4644493			Tellus Brasil Participaco S.A.	.BRA	NIA	Terraviva Brasil Participaco Ltda.	Management		TIAA Board of Overseers	.N	4000
				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	

STATEMENT AS OF MARCH 31, 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)	*
				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			Topertwo 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	3900
				4644484			Terraviva Brasil Participaco Ltda. ....	.BRA	NIA	TIAA-CREF Global Agriculture BR, LLC	Ownership.....	0.010	TIAA Board of Overseers	.N	4100
			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	4754447			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			Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	.N	
			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	
							TIAA Global Public Investments, LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	.N	
							TIAA GTR HoldCo, LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	.N	
			46-3881813	4599892			Global Timber Resources LLC	.DE	NIA	TIAA GTR HoldCo, LLC	Ownership.....	50.000	TIAA Board of Overseers	.N	
			46-3210500	4724023			Global Timber SA LLC	.DE	NIA	Global Timber Resources LLC	Ownership.....	100.000	TIAA Board of Overseers	.N	
			46-3909387	4868431			Global Timber International LLC	.DE	NIA	Global Timber Resources LLC	Ownership.....	100.000	TIAA Board of Overseers	.N	
			46-3899490	4801906			Global Timber Spain, SL	.ESP	NIA	Global Timber International LLC	Ownership.....	100.000	TIAA Board of Overseers	.N	
				4802789			Forestal GTR Chile Limitada	.CHL	NIA	Global Timber Spain, SL	Ownership.....	99.900	TIAA Board of Overseers	.N	
				4868440			Forestal Monterrey Colombia SAS	.COL	NIA	Global Timber Spain, SL	Ownership.....	85.480	TIAA Board of Overseers	.N	
			98-1206384	4803151			Global Timber Resources Colombia, S.A.S.	.COL	NIA	Global Timber Spain, SL	Ownership.....	100.000	TIAA Board of Overseers	.N	
				5165454			Monte Fresnos Asociacion Agraria de Responsabilidad LTDA	.URY	NIA	Global Timber Spain, SL	Ownership.....	100.000	TIAA Board of Overseers	.N	
				5183458			Monte Fresnos, S.A.	.URY	NIA	Global Timber Spain, SL	Ownership.....	100.000	TIAA Board of Overseers	.N	
				5183421			Taurion Asociacion Agraria de Responsabilidad LTDA	.URY	NIA	Global Timber Spain, SL	Ownership.....	100.000	TIAA Board of Overseers	.N	
				5183430			Taurion, S.A.	.URY	NIA	Global Timber Spain, SL	Ownership.....	100.000	TIAA Board of Overseers	.N	
				5183449			GT Europe Cooperatief U.A.	.NLD	NIA	Global Timber International LLC	Ownership.....	100.000	TIAA Board of Overseers	.N	
				4866905			Global Timber NL, B.V.	.NLD	NIA	GT Europe Cooperatief U.A.	Ownership.....	100.000	TIAA Board of Overseers	.N	
			4900425	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	
							Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	.N	
			45-3479281	4599306			TIAA Infrastructure Investments, LLC	.DE	NIA	TIAA Infrastructure Investments, LLC	Ownership.....	100.000	TIAA Board of Overseers	.N	
			81-5307354	51539833			730 Parking LLC	.DE	NIA	730 Parking LLC	Ownership.....	100.000	TIAA Board of Overseers	.N	
			81-5302296	5157879			730 Interpark, LLC	.DE	NIA	730 Parking LLC	Ownership.....	100.000	TIAA Board of Overseers	.N	
							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	

STATEMENT AS OF MARCH 31, 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)	*
			46-5279686	4810775			North American Sustainable Energy Fund, L.P.	DE	NIA	TIAA Infrastructure Investments, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4895660			McCommas Bluff Holdings LLC	DE	NIA	North American Sustainable Energy Fund, L.P.	Influence		TIAA Board of Overseers	N	
				4896331			Dallas Clean Energy, LLC	DE	NIA	McCommas Bluff Holdings LLC	Ownership	51.000	TIAA Board of Overseers	N	
				4900407			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	
			45-2665869	4601115			TIAA Oil and Gas Investments, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			45-1286237	4602877			Actgas, LLC	DE	NIA	TIAA Oil and Gas Investments, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-3410649	4602925			Actoil Bakken, LLC	DE	NIA	TIAA Oil and Gas Investments, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-3628993	4602934			Actoil Utica, LLC	DE	NIA	TIAA Oil and Gas Investments, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			11-3519531	4601133			TIAA Realty, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			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	
			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	

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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)	*
			45-1286386 13-1624203 4741758 4747835 4749866 56-2492641 4643900 27-0195010	4601526 4601526 4601526 4601526 4601526 4643900 4626088			TIAA SynGas, LLC 730 Catsolar, LLC Catalina Solar Lessee Holdco, LLC Catalina Solar Lessee, LLC SG Solutions, LLC AE Investor II, LLC	DE DE CA CA DE DE	NIA NIA NIA NIA NIA NIA	Teachers Insurance and Annuity Association of America TIAA SynGas, LLC 730 Catsolar, LLC Catalina Solar Lessee Holdco, LLC TIAA SynGas, LLC TIAA SynGas, LLC	Ownership Ownership Ownership Ownership Influence Ownership	100.000 100.000 50.000 100.000 100.000 57.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	N N N N N N	
			45-4486211 45-3743502	4602886 4626136			TIAA Wind Investments, LLC Capistrano Wind Partners, LLC	DE DE	NIA NIA	Teachers Insurance and Annuity Association of America TIAA Wind Investments, LLC	Ownership Influence	100.000	TIAA Board of Overseers TIAA Board of Overseers	N N	
			20-8384004 26-3561391 46-1191235	4599490 4863539 5018671			TIAA-CREF LPHC, LLC TCAM DOF GP, LLC TIAA-CREF Real Property Fund GP, LLC	DE DE DE	NIA NIA NIA	Teachers Insurance and Annuity Association of America TIAA-CREF LPHC, LLC TCAM DOF GP, LLC	Ownership Ownership Ownership	100.000 100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	N N 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	
			35-2429521	4612858			CCAP GP, LLC	DE	NIA	TIAA Endowment & Philanthropic Servives, LLC	Ownership	100.000	TIAA Board of Overseers	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 20-8281443	4599810 4640066			TIAA Union Place Phase I, LLC Union Place Phase I, LLC TPG Public Equity Partners Long Opportunities-A, L.P.	DE DE DE	NIA NIA NIA	Teachers Insurance and Annuity Association of America TIAA Union Place Phase I, LLC Teachers Insurance and Annuity Association of America	Ownership Ownership Ownership	100.000 100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	N N N	
							Tybourne Long Opportunities (US) Fund	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			4844163 4848590 4848983 4849739 4852298 4860239 4858638				UK PPP Investments, LP Wigg (Holdings) Limited Wigg Investments Limited Merseylink (Holdings) Limited Merseylink (Finance) Limited Merseylink Limited Merseylink (Issuer) plc	GBR GBR GBR GBR GBR GBR GBR	NIA NIA NIA NIA NIA NIA NIA	Teachers Insurance and Annuity Association of America UK PPP Investments, LP Wigg (Holdings) Limited Wigg Investments Limited Merseylink (Holdings) Limited Merseylink (Finance) Limited Merseylink (Finance) Limited	Ownership Ownership Ownership Influence Ownership Ownership Ownership	100.000 100.000 100.000 100.000 100.000 100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	N N N N N N N	
							U.S. Cities Industrial Fund LP	DE	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
			82-3970010 82-4016503 82-4069923 82-4037905 46-0750331				U.S. Cities Retail Fund LP U.S. Cities Retail Fund REIT LLC U.S. Cities Retail Fund Operating GP LLC U.S. Cities Retail Fund Operating LP T-C 919 N. Michigan Avenue Retail, LLC	DE DE DE DE DE	NIA NIA NIA NIA NIA	Teachers Insurance and Annuity Association of America U.S. Cities Retail Fund LP U.S. Cities Retail Fund REIT LLC U.S. Cities Retail Fund REIT LLC U.S. Cities Retail Fund Operating LP	Ownership Ownership Ownership Ownership Ownership	100.000 100.000 100.000 100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	N N N N N	
				4612111			USCRF KRG JV Investor Member LLC KRG USCRF Retail Portfolio LLC KRG 951 & 41, LLC KRG Livingston Center, LLC KRG-USCRF Plaza Volente, LLC	DE DE DE DE DE	NIA NIA NIA NIA NIA	U.S. Cities Retail Fund Operating LP U.S. Cities Retail Fund Operating LP KRG USCRF Retail Portfolio LLC KRG USCRF Retail Portfolio LLC KRG USCRF Retail Portfolio LLC	Ownership Ownership Ownership Ownership Ownership	100.000 100.000 100.000 100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	N N N N 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	

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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)	*
			82-3760575 47-1938723 84-2113010 83-2024014 81-1392434 82-4800804 82-5347019 83-2267896 83-3184068 83-4107560				CRED REIT LLC CRED REIT Holdco LLC CRED Glenhardie LLC CRED REIT Holdco Seller LLC CRED REIT Holdco TRS LLC CRED REIT Manager LLC CRED REIT Member LP CRED Sawtelle LLC CRED Slabtown LLC CRED West Coast Industrial LLC	DE DE DE DE DE DE DE DE DE DE	NIA NIA NIA NIA NIA NIA NIA NIA NIA NIA	U.S. Core-Plus Real Estate Debt Fund LP CRED REIT LLC CRED REIT Holdco LLC CRED REIT Holdco LLC CRED REIT Holdco LLC CRED REIT Holdco LLC CRED REIT Holdco LLC CRED REIT Holdco LLC CRED REIT Holdco LLC CRED REIT Holdco LLC	Ownership Ownership Ownership Ownership Ownership Ownership Ownership Ownership Ownership Ownership	100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	N N N N N N N N N N	
			84-3441362				Western A Midwest IL, LLC Western A Midwest JR Mezz, LLC Western A Midwest Mezz, LLC	DE DE DE	NIA NIA NIA	Teachers Insurance and Annuity Association of America Teachers Insurance and Annuity Association of America Western A Midwest JR Mezz, LLC	Ownership Ownership Ownership	100.000 100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	N N N	
			84-3440905				Western A Midwest TN, LLC Western A South JR Mezz LLC Western A South Mezz LLC	DE DE DE	NIA NIA NIA	Teachers Insurance and Annuity Association of America Teachers Insurance and Annuity Association of America Western A South JR Mezz LLC	Ownership Ownership Ownership	100.000 100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	N N N	
			84-3441798				Western A South TX, LLC Western A West JR Mezz, LLC Western A West Mezz, LLC	DE DE DE	NIA NIA NIA	Teachers Insurance and Annuity Association of America Teachers Insurance and Annuity Association of America Western A West JR Mezz, LLC	Ownership Ownership Ownership	100.000 100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	N N N	
							Western Real Estate Holdco, LLC Western A East JR Mezz, LLC Western North American Industrial Fund I GP, LLC Western North American Industrial Fund I Limited Partner, LLC Western North American Industrial Fund I Limited Partnership Western NAIF Intermediate Holdco GP II, LLC Western NAIF Intermediate Holdco II, LP Western A East JR Mezz II, LLC Western A East Mezz II, LLC	DE DE DE DE DE DE DE DE DE	NIA NIA NIA NIA NIA NIA NIA NIA NIA	Teachers Insurance and Annuity Association of America Western Real Estate Holdco, LLC Western Real Estate Holdco, LLC Western North American Industrial Fund I Limited Partner, LLC Western North American Industrial Fund I Limited Partnership Western North American Industrial Fund I Limited Partnership Western NAIF Intermediate Holdco II, LP Western NAIF Intermediate Holdco II, LP Western A East JR Mezz II, LLC	Ownership Ownership Ownership Ownership Ownership Ownership Ownership Ownership Ownership	100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	N N N N N N N N N	
			51-0141732	4599829			WRC Properties, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	

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%

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Asterisk	Explanation
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 Propiedades Agrícolas S.A. is owned 65.77% by Mansilla Participacoes LTDA and 15.31% by Radar II Propiedades Agrícolas S.A..
2300	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.
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	TGA Ginza115 TMK is ultimately controlled and owned entirely by TIAA, with 51% owned by TGA Japan GK Holdings Pte Ltd and 49% of owned by TGA Ginza 115 Holdings Pte Ltd.
3900	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.
4000	Tellus Brasil Participaco S.A. is owned 48.9% by Terraviva Brasil Participaco Ltda. and 0.47% by Nova Gaia Brasil Participaco Ltda.
4100	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 MARCH 31, 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.

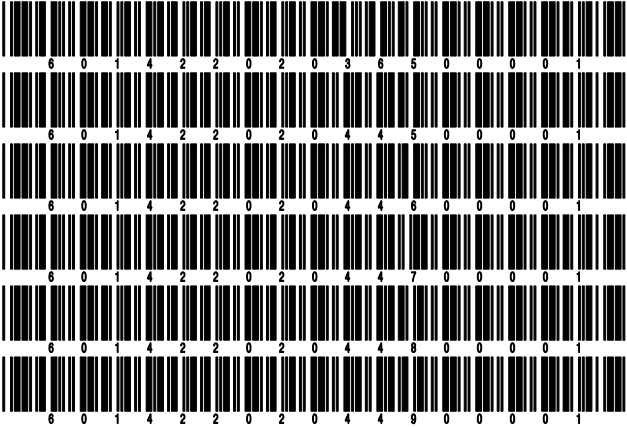
	Response
1. Will the Trusteed Surplus Statement be filed with the state of domicile and the NAIC with this statement?	SEE EXPLANATION
2. Will the Medicare Part D Coverage Supplement be filed with the state of domicile and the NAIC with this statement?	NO
3. Will the Reasonableness of Assumptions Certification 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	2
	Year to Date	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	2
	Year to Date	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 investment and commitment fees		
9. Total foreign exchange change in book value/recorded investment including 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	2
	Year to Date	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	316	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	5,337	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)	4,682,613	4,687,634
12. Deduct total nonadmitted amounts		
13. Statement value at end of current period (Line 11 minus Line 12)	4,682,613	4,687,634

SCHEDULE D - VERIFICATION

Bonds and Stocks

	1	2
	Year to Date	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	1,218,937,637	1,777,079,107
3. Accrual of discount	1,048,091	4,906,842
4. Unrealized valuation increase (decrease)		
5. Total gain (loss) on disposals	307,269	9,197,429
6. Deduct consideration for bonds and stocks disposed of	168,890,578	1,023,721,271
7. Deduct amortization of premium	1,733,970	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	556,850	1,530,910
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10)	9,715,671,071	8,666,315,772
12. Deduct total nonadmitted amounts		
13. Statement value at end of current period (Line 11 minus Line 12)	9,715,671,071	8,666,315,772

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)	5,654,274,607				5,654,274,607			5,654,274,607
2. NAIC 2 (a)	3,240,674,859				3,240,674,859			3,240,674,859
3. NAIC 3 (a)	10,636,934				10,636,934			10,636,934
4. NAIC 4 (a)								
5. NAIC 5 (a)	14,091,561				14,091,561			14,091,561
6. NAIC 6 (a)								
7. Total Bonds	8,919,677,961				8,919,677,961			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
14. Total Preferred Stock	182,882				182,882			182,882
15. Total Bonds and Preferred Stock	8,919,860,843				8,919,860,843			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 \$; NAIC 2 \$; 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	19,748,380	xxx	19,747,546		

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	19,747,546	
3. Accrual of discount	834	
4. Unrealized valuation increase (decrease)		
5. Total gain (loss) on disposals		
6. Deduct consideration received on disposals		
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)	19,748,380	
11. Deduct total nonadmitted amounts		
12. Statement value at end of current period (Line 10 minus Line 11)	19,748,380	

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	3,413,247,327	10,062,753,659
3. Accrual of discount	306,426	1,167,340
4. Unrealized valuation increase (decrease)		
5. Total gain (loss) on disposals	11,889	566
6. Deduct consideration received on disposals	3,627,132,786	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)	39,977,947	253,545,091
11. Deduct total nonadmitted amounts		
12. Statement value at end of current period (Line 10 minus Line 11)	39,977,947	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 MARCH 31, 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
38381B-E5-9	GOVERNMENT NATIONAL MORTGAGE SERIES 2019-5 CLASS ZC 3.500% 11/20/48		03/01/2020	Interest Capitalization		62,592	62,592		1
0599999. Subtotal - Bonds - U.S. Governments						62,592	62,592		XXX
240853-EP-2	DEKALB KANE LA SALLE CNTYS ILC 2.527% 02/01/30		02/07/2020	RAYMOND JAMES		1,000,000	1,000,000		1FE
2499999. Subtotal - Bonds - U.S. Political Subdivisions of States, Territories and Possessions						1,000,000	1,000,000		XXX
032556-GW-6	ANAHEIM CA HSG & PUBLIC IMPT A SERIES B 2.542% 10/01/30		02/07/2020	JP MORGAN SECURITIES		9,000,000	9,000,000		1FE
3133KY-SV-2	FHLMC POOL RB5032 2.500% 02/01/40		02/25/2020	JP MORGAN SECURITIES		25,259,932	24,795,025	18,941	1
3136B3-EW-6	FNR 2018-78 ZB Z 4.000% 10/25/48		03/01/2020	Interest Capitalization		105,469	105,469		1
3137BB-FB-1	FHR 4352 ZW EXCH Z SEQ 3.000% 06/15/44		03/01/2020	Interest Capitalization		99,435	99,435		1
3137BG-3K-3	FHR 4430 Z Z SEQ 4.000% 01/15/45		03/01/2020	Interest Capitalization		122,100	122,100		1
3137BN-ED-2	FHR 4565 DZ Z SEQ 3.000% 03/15/46		03/01/2020	Interest Capitalization		42,301	42,301		1
3137BP-Q2-8	FHR 4579 GZ Z SEQ 3.000% 05/15/46		03/01/2020	Interest Capitalization		89,019	89,019		1
3137BT-2L-4	FHR 4631 VZ Z SEQ 3.500% 11/15/46		03/01/2020	Interest Capitalization		41,666	41,666		1
3137BW-HK-3	FHR 4665 NZ Z SEQ 3.500% 02/15/47		03/01/2020	Interest Capitalization		38,044	38,044		1
3137FG-3N-3	FHR 4801 ZD Z SEQ 4.000% 06/15/48		03/01/2020	Interest Capitalization		109,020	109,020		1
31418D-LP-5	FNMA POOL MA3933 2.500% 02/01/40		02/21/2020	MORGAN STANLEY & CO. INC.		25,160,486	24,803,930	18,947	1
31418D-MP-4	FNMA POOL MA3965 2.500% 03/01/40		02/20/2020	PNC CAPITAL MARKETS		25,223,623	24,889,175	19,013	1
38611T-DL-8	GRAND PARKWAY TRANSPRTN CORP T SERIES B 3.236% 10/01/52		02/12/2020	BANK OF AMERICA		12,920,000	12,920,000		1FE
64966W-EV-5	NEW YORK CITY NY HSG DEV CORP SERIES B 2.561% 02/01/30		02/05/2020	JEFFERIES & CO. INC.		1,100,000	1,100,000		1FE
663903-JR-4	NORTHEAST OH REGL SWR DIST 3.300% 11/15/49		01/23/2020	BANK OF AMERICA		30,000,000	30,000,000		1FE
79467B-DE-2	SALES TAX SECURITIZATION CORP SERIES B 2.857% 01/01/31		01/17/2020	GOLDMAN SACHS & COMPANY		15,540,000	15,540,000		1FE
79467B-DK-8	SALES TAX SECURITIZATION CORP SERIES B 3.411% 01/01/43		01/17/2020	GOLDMAN SACHS & COMPANY		26,910,000	26,910,000		1FE
914119-3H-3	UNIV OF CINCINNATI OH RECPTS SERIES A 3.000% 06/01/50		03/04/2020	MORGAN STANLEY & CO. INC.		4,615,000	4,615,000		1FE
977100-HC-3	WISCONSIN ST GEN FUND ANNUAL A SERIES A 2.399% 05/01/30		01/29/2020	CITIGROUP GLOBAL MARKETS INC		9,535,000	9,535,000		1FE
3199999. Subtotal - Bonds - U.S. Special Revenues						185,911,095	184,755,184	56,901	XXX
001055-BJ-0	AFLAC INC 3.600% 04/01/30		03/30/2020	WELLS FARGO		3,690,454	3,700,000		1FE
0034R7-2H-6	TARGET CORP 2.350% 02/15/30		01/21/2020	GOLDMAN SACHS & COMPANY		6,837,191	6,850,000		1FE
00914A-AF-9	AIR LEASE CORP SERIES MTN 2.300% 02/01/25		01/07/2020	BANK OF AMERICA		6,927,410	7,000,000		2FE
03027X-AZ-3	AMERICAN TOWER CORP 2.400% 03/15/25		01/07/2020	JP MORGAN SECURITIES		4,995,250	5,000,000		2FE
031162-CU-2	AMGEN INC 2.450% 02/21/30		02/18/2020	BARCLAYS BANK PLC		14,994,750	15,000,000		2FE
032095-AK-7	AMPHENOL CORP 2.050% 03/01/25		02/13/2020	BANK OF AMERICA		14,599,991	14,625,000		2FE
05348E-BG-3	AVALONBAY COMMUNITES SERIES MTN 2.300% 03/01/30		02/10/2020	DEUTSCHE BANK SECURITIES INCOR		6,493,045	6,500,000		1FE
05377R-DU-5	AVIS BUDGET RENTAL CAR FUNDING SERIES 2020-1A CLASS A 144A 2.330% 08/20/26		01/22/2020	BANK OF AMERICA		13,995,366	14,000,000		1FE
065403-BC-0	BANK 2019-BN17 A4 3.714% 04/15/52		03/12/2020	MORGAN STANLEY & CO. INC.		1,095,073	980,000	1,517	1FM
06540B-BC-2	BANK SERIES 2019-BN21 CLASS A4 2.600% 10/17/52		03/11/2020	CANTOR FITZGERALD & CO.		5,701,402	5,490,000	4,635	1FM
06540B-BD-0	BANK SERIES 2019-BN21 CLASS A5 2.851% 10/17/52		03/13/2020	WELLS FARGO		1,611,551	1,555,000	1,970	1FM
06540X-BG-5	BANK SERIES 2019-BN22 CLASS A4 2.978% 11/15/62		03/12/2020	BANK OF AMERICA		4,300,000	4,000,000	4,963	1FM
08161C-AD-3	BENCHMARK MORTGAGE TRUST SERIES 2018-B2 CLASS A4 3.615% 02/15/51		03/26/2020	CITIGROUP GLOBAL MARKETS INC		1,635,625	1,600,000	4,659	1FM
08161C-AE-1	BMARK 2018-B2 A5 SEQ 3.882% 02/15/51		03/25/2020	DEUTSCHE BANK SECURITIES INCOR		1,049,414	1,000,000	2,804	1FM
08162C-AD-2	BMARK 2018-B6 A4 SEQ 4.261% 10/10/51		03/20/2020	JP MORGAN SECURITIES		1,088,823	1,030,000	2,804	1FM
08162F-AE-3	BENCHMARK MORTGAGE TRUST SERIES 2019-B12 CLASS A5 3.116% 08/15/52		03/19/2020	DEUTSCHE BANK SECURITIES INCOR		967,148	1,050,000	1,999	1FM
08162U-AW-0	BENCHMARK MORTGAGE TRUST SERIES 2018-B8 CLASS A5 4.232% 01/15/52		03/17/2020	BANK OF AMERICA		7,123,750	6,345,000	13,425	1FM
08466A-CU-3	BERKSHIRE HATHAWAY FIN 1.850% 03/12/30		03/04/2020	WELLS FARGO		4,145,850	4,150,000		1FE
12510H-AB-6	CAPITAL AUTOMOTIVE REIT SERIES 2020-1A CLASS A2 144A 3.030% 02/15/50		01/15/2020	CREDIT SUISSE SECURITIES US LL		9,498,427	9,500,000		1FE
14042T-CT-2	CAPITAL ONE BANK USA NA 2.441% 01/28/26		01/23/2020	MORGAN STANLEY & CO. INC.		20,000,000	20,000,000		2FE
172967-ML-2	CITIGROUP INC 2.676% 01/29/31		01/22/2020	CITIGROUP GLOBAL MARKETS INC		10,000,000	10,000,000		1FE
17328F-AY-1	CGOIT 2019-GC41 AS SUB SEQ 3.018% 08/10/56		03/04/2020	DEUTSCHE BANK SECURITIES INCOR		2,675,977	2,500,000	1,048	1FM
174610-AS-4	CITIZENS FINANCIAL GROUP 2.500% 02/06/30		02/03/2020	MORGAN STANLEY & CO. INC.		3,941,310	3,950,000		2FE
191216-CT-5	COCA COLA CO THE 3.450% 03/25/30		03/20/2020	WELLS FARGO		15,149,080	15,200,000		1FE
209111-FX-6	CON EDISON CO OF NY INC SERIES 20A 3.350% 04/01/30		03/26/2020	BANK OF AMERICA		1,795,896	1,800,000		2FE
22170Q-AA-8	COTTAGE HEALTH SYSTEM SERIES 2020 3.304% 11/01/49		01/21/2020	MORGAN STANLEY & CO. INC.		14,515,000	14,515,000		1FE
23338V-AL-0	DTE ELECTRIC CO 2.950% 03/01/50		02/11/2020	JP MORGAN SECURITIES		9,996,000	10,000,000		1FE
24422E-VE-6	JOHN DEERE CAPITAL CORP SERIES MTN 1.200% 04/06/23		03/04/2020	RBC DAIN RAUSCHER INC.		9,622,690	9,625,000		1FE
25466A-AR-2	DISCOVER BANK SERIES BKNT 2.700% 02/06/30		02/03/2020	RBC DAIN RAUSCHER INC.		4,241,118	4,250,000		2FE
254687-FQ-4	WALT DISNEY COMPANY THE 3.800% 03/22/30		03/19/2020	CITIGROUP GLOBAL MARKETS INC		17,824,950	17,875,000		1FE
278865-BE-9	ECOLAB INC 4.800% 03/24/30		03/20/2020	CREDIT SUISSE SECURITIES US LL		9,516,047	9,525,000		1FE
29379V-BX-0	ENTERPRISE PRODUCTS OPER 2.800% 01/31/30		01/06/2020	CITIGROUP GLOBAL MARKETS INC		4,846,169	4,850,000		2FE
29717P-AV-9	ESSEX PORTFOLIO LP 2.650% 03/15/32		02/04/2020	WELLS FARGO		11,008,894	11,050,000		2FE
30040W-AH-1	EVERSOURCE ENERGY 3.450% 01/15/50		01/07/2020	BARCLAYS BANK PLC		19,962,800	20,000,000		2FE
337932-AK-3	FIRSTENERGY CORP 2.050% 03/01/25		02/18/2020	MORGAN STANLEY & CO. INC.		4,989,750	5,000,000		2FE
337932-AL-1	FIRSTENERGY CORP 2.650% 03/01/30		02/18/2020	MORGAN STANLEY & CO. INC.		9,992,900	10,000,000		2FE

STATEMENT AS OF MARCH 31, 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
341081-FZ-5	FLORIDA POWER & LIGHT CO 2.850% 04/01/25		.03/24/2020	WELLS FARGO		2,822,119	2,825,000		1FE
36258N-AD-4	GM FINANCIAL SECURITIZED TERM SERIES 2020-1 CLASS A4 1.900% 03/17/25		.01/08/2020	WELLS FARGO		5,499,533	5,500,000		1FE
36258Y-BL-1	GS MORTGAGE SECURITIES TRUST SERIES 2020-GC45 CLASS AS 3.173% 02/13/53		.03/17/2020	Various		8,209,725	7,857,000	9,028	1FE
36261P-AT-9	GSMS SERIES 2019-GSA1 CLASS A4 3.048% 11/10/52		.03/10/2020	DEUTSCHE BANK SECURITIES INCOR		1,190,234	1,100,000	1,024	1FM
36261P-AX-0	GSMS SERIES 2019-GSA1 CLASS AS 3.340% 11/10/52		.03/18/2020	CREDIT SUISSE SECURITIES US LL		665,297	720,000	1,269	1FM
369550-BL-1	GENERAL DYNAMICS CORP 3.500% 04/01/27		.03/23/2020	WELLS FARGO		9,915,200	10,000,000		1FE
369550-BM-9	GENERAL DYNAMICS CORP 3.625% 04/01/30		.03/23/2020	WELLS FARGO		6,233,661	6,300,000		1FE
370334-CL-6	GENERAL MILLS INC 2.875% 04/15/30		.03/31/2020	BANK OF AMERICA		1,871,250	1,875,000		2FE
373334-KN-0	GEORGIA POWER CO SERIES B 3.700% 01/30/50		.01/08/2020	BARCLAYS BANK PLC		6,653,240	6,675,000		1FE
38141G-XG-4	GOLDMAN SACHS GROUP INC 2.600% 02/07/30		.02/05/2020	GOLDMAN SACHS & COMPANY		5,997,900	6,000,000		1FE
421946-AL-8	HEALTHCARE REALTY TRUST 2.400% 03/15/30		.03/04/2020	U.S. BANCORP INVESTMENTS INC		4,235,763	4,250,000		2FE
437076-BZ-4	HOME DEPOT INC 3.125% 12/15/49		.01/10/2020	Various		14,853,350	15,000,000	434	1FE
437076-CB-6	HOME DEPOT INC 2.700% 04/15/30		.03/26/2020	JP MORGAN SECURITIES		7,358,634	7,400,000		1FE
44644M-AA-9	HUNTINGTON NATIONAL BANK 1.800% 02/03/23		.01/28/2020	MORGAN STANLEY & CO. INC.		7,368,805	7,375,000		1FE
458140-BH-2	INTEL CORP 2.450% 11/15/29		.02/10/2020	WELLS FARGO		7,276,406	7,125,000	39,761	1FE
458140-BP-4	INTEL CORP 3.400% 03/25/25		.03/20/2020	JP MORGAN SECURITIES		9,984,500	10,000,000		1FE
458140-BR-0	INTEL CORP 3.900% 03/25/30		.03/20/2020	JP MORGAN SECURITIES		14,969,250	15,000,000		1FE
46590T-AE-5	JPMDB 2017-C5 A5 SEQ 3.694% 03/15/50		.03/30/2020	DEUTSCHE BANK SECURITIES INCOR		3,212,461	3,000,000		1FM
46647P-BH-8	JPMORGAN CHASE & CO 2.735% 03/13/26		.03/10/2020	JP MORGAN SECURITIES		15,000,000	15,000,000		1FE
494368-CB-7	KIMBERLY CLARK CORP 3.100% 03/26/30		.03/24/2020	JP MORGAN SECURITIES		999,230	1,000,000		1FE
57636Q-AP-9	MASTERCARD INC 3.350% 03/26/30		.03/24/2020	CITIGROUP GLOBAL MARKETS INC		9,132,249	9,150,000		1FE
57636Q-AR-5	MASTERCARD INC 3.300% 03/26/27		.03/24/2020	CITIGROUP GLOBAL MARKETS INC		5,983,260	6,000,000		1FE
58013M-FL-3	MCDONALD S CORP SERIES MTN 1.450% 09/01/25		.03/03/2020	Various		17,962,591	18,000,000		2FE
58506Y-AS-1	MEDSTAR HEALTH INC SERIES 20A 3.626% 08/15/49		.01/09/2020	JP MORGAN SECURITIES		5,310,000	5,310,000		1FE
58156R-BZ-0	METLIFE INC 4.550% 03/23/30		.03/19/2020	GOLDMAN SACHS & COMPANY		5,178,940	5,200,000		1FE
58217G-EE-5	MET LIFE GLOB FUNDING I SERIES 144A 1.950% 01/13/23		.01/06/2020	JP MORGAN SECURITIES		24,989,250	25,000,000		1FE
58523U-AR-8	MID AMERICA APARTMENTS 2.750% 03/15/30		.01/15/2020	WELLS FARGO		8,034,720	8,000,000	31,167	2FE
617446-BK-8	MORGAN STANLEY SERIES GMTN 2.250% 01/20/23		.01/16/2020	MORGAN STANLEY & CO. INC.		550,000			1FE
62954R-AA-4	NYU HOSPITALS CENTER SERIES 2020 3.380% 07/01/55		.01/28/2020	GOLDMAN SACHS & COMPANY		18,310,000	18,310,000		1FE
63941K-AB-1	NAVIENT STUDENT LOAN TRUST SERIES 2020-CA CLASS A2A 144A 2.150% 11/15/68		.03/10/2020	JP MORGAN SECURITIES		6,486,100	6,500,000		1FE
641423-CQ-8	NEVADA POWER CO SERIES DD 2.400% 05/01/30		.01/28/2020	MIZUHO SECURITIES USA INC.		6,981,800	7,000,000		1FE
666807-BS-0	NORTHROP GRUMMAN CORP 4.400% 05/01/30		.03/19/2020	JP MORGAN SECURITIES		12,300,477	12,350,000		2FE
67021C-AP-2	NSTAR ELECTRIC CO 3.950% 04/01/30		.03/23/2020	MITSUBISHI UFJ SECURITIES USA		969,657	975,000		1FE
677415-CS-8	OHIO POWER COMPANY SERIES P 2.600% 04/01/30		.03/13/2020	RBC DAIN RAUSCHER INC.		4,545,177	4,550,000		1FE
681919-BB-1	OMNICOM GROUP INC 2.450% 04/30/30		.02/19/2020	CITIGROUP GLOBAL MARKETS INC		14,948,400	15,000,000		2FE
68233J-BS-2	ONCOR ELECTRIC DELIVERY SERIES 144A 2.750% 05/15/30		.03/17/2020	SUMITOMO MITSUI FINANCIAL GRP		13,035,776	13,050,000		1FE
68233J-BT-0	ONCOR ELECTRIC DELIVERY SERIES 144A 3.700% 05/15/50		.03/17/2020	MIZUHO SECURITIES USA INC.		5,957,374	5,975,000		1FE
68389X-BV-6	ORACLE CORP 2.950% 04/01/30		.03/30/2020	JP MORGAN SECURITIES		19,979,400	20,000,000		1FE
68902V-AB-3	OTIS WORLDWIDE CORP SERIES 144A 3.362% 02/15/50		.02/19/2020	CITIGROUP GLOBAL MARKETS INC		5,803,955	5,805,000		2FE
68902V-AF-4	OTIS WORLDWIDE CORP SERIES 144A 2.565% 02/15/30		.02/19/2020	BANK OF AMERICA		12,374,010	12,375,000		2FE
693475-AZ-8	PNC FINANCIAL SERVICES 2.550% 01/22/30		.01/16/2020	JP MORGAN SECURITIES		10,969,200	11,000,000		1FE
69353R-FT-0	PNC BANK NA 1.743% 02/24/23		.02/20/2020	MORGAN STANLEY & CO. INC.		19,200,000	19,200,000		1FE
713448-ER-5	PEPSICO INC 2.625% 03/19/27		.03/17/2020	BANK OF AMERICA		2,934,867	2,950,000		1FE
713448-ES-3	PEPSICO INC 2.750% 03/19/30		.03/17/2020	BANK OF AMERICA		14,770,256	14,850,000		1FE
742718-FG-9	PROCTER & GAMBLE CO THE 2.800% 03/25/27		.03/23/2020	CITIGROUP GLOBAL MARKETS INC		2,294,204	2,300,000		1FE
742718-FH-7	PROCTER & GAMBLE CO THE 3.000% 03/25/30		.03/23/2020	CITIGROUP GLOBAL MARKETS INC		6,758,740	6,775,000		1FE
743315-AW-3	PROGRESSIVE CORP 3.200% 03/26/30		.03/17/2020	CREDIT SUISSE SECURITIES US LL		2,650,000	2,650,000		1FE
743315-AX-1	PROGRESSIVE CORP 3.950% 03/26/50		.03/17/2020	CREDIT SUISSE SECURITIES US LL		1,189,776	1,200,000		1FE
74340X-BK-6	PROLOGIS LP 3.250% 10/01/26		.01/23/2020	Tax Free Exchange		919,592	925,000	10,772	1FE
74340X-BL-4	PROLOGIS LP 4.375% 02/01/29		.01/23/2020	Tax Free Exchange		922,823	925,000	1,012	1FE
74432Q-CG-8	PRUDENTIAL FINANCIAL INC SERIES MTN 2.100% 03/10/30		.03/05/2020	MORGAN STANLEY & CO. INC.		16,957,330	17,000,000		1FE
74432Q-CH-6	PRUDENTIAL FINANCIAL INC SERIES MTN 1.500% 03/10/26		.03/05/2020	BNP PARIBAS		7,816,402	7,850,000		1FE
74432Q-CJ-2	PRUDENTIAL FINANCIAL INC SERIES MTN 3.000% 03/10/40		.03/05/2020	MORGAN STANLEY & CO. INC.		19,949,200	20,000,000		1FE
74456Q-CC-8	PUBLIC SERVICE ELECTRIC SERIES MTN 3.150% 01/01/50		.01/07/2020	MIZUHO SECURITIES USA INC.		9,984,600	10,000,000		1FE
75951A-AM-0	RELiance STAND LIFE II SERIES 144A 2.150% 01/21/23		.01/13/2020	JP MORGAN SECURITIES		9,991,600	10,000,000		1FE
75951A-AN-8	RELiance STAND LIFE II SERIES 144A 2.750% 01/21/27		.01/13/2020	JP MORGAN SECURITIES		3,540,131	3,550,000		1FE
80282K-AZ-9	SANTANDER HOLDINGS USA SERIES WI 3.244% 10/05/26		.02/04/2020	Tax Free Exchange		3,399,131	3,350,000	36,225	2FE
81748K-AG-7	SEQUOIA MORTGAGE TRUST SERIES 2020-2 CLASS A4 144A 3.500% 03/25/50		.02/13/2020	MORGAN STANLEY & CO. INC.		15,344,531	15,000,000	29,167	1FE
81748M-AD-0	SEQUOIA MORTGAGE TRUST SERIES 2020-1 CLASS A4 144A 3.500% 02/25/50		.01/08/2020	WELLS FARGO		12,762,155	12,510,000	19,460	1FE
82653D-AA-7	SRFC 2018-2A A SEQ 3.500% 06/20/35		.03/18/2020	BNP PARIBAS		1,049,620	1,071,041		1FE
82653G-AA-0	SRFC 2018-3A A SEQ 3.690% 09/20/35		.03/18/2020	BNP PARIBAS		706,826	715,774		1FE

STATEMENT AS OF MARCH 31, 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
85434V-AB-4	STANFORD HEALTH CARE 3.310% 08/15/30		.03/25/2020	MORGAN STANLEY & CO. INC.		.125,000	.125,000		1FE
857477-BG-7	STATE STREET CORP 2.400% 01/24/30		.01/21/2020	GOLDMAN SACHS & COMPANY		9,590,902	9,630,000		1FE
871829-BK-2	SYSCO CORPORATION 2.400% 02/15/30		.02/11/2020	BANK OF AMERICA		7,971,760	8,000,000		2FE
87612E-BK-1	TARGET CORP 2.650% 09/15/30		.03/26/2020	BANK OF AMERICA		1,468,997	1,475,000		1FE
880451-AZ-2	TENNESSEE GAS PIPELINE SERIES 144A 2.900% 03/01/30		.02/19/2020	CITIGROUP GLOBAL MARKETS INC		9,980,100	10,000,000		2FE
882508-BH-6	TEXAS INSTRUMENTS INC 1.375% 03/12/25		.03/03/2020	BANK OF AMERICA		4,318,556	4,325,000		1FE
883556-CG-5	THERMO FISHER SCIENTIFIC 4.497% 03/25/30		.03/23/2020	JP MORGAN SECURITIES		1,750,000	1,750,000		2FE
89788J-AA-7	TRUIST BANK SERIES BKNT 1.500% 03/10/25		.03/04/2020	SUNTRUST CAPITAL MARKETS		19,958,800	20,000,000		1FE
89788J-AB-5	TRUIST BANK SERIES BKNT 1.250% 03/09/23		.03/04/2020	SUNTRUST CAPITAL MARKETS		19,986,000	20,000,000		1FE
89788K-AA-4	TRUIST BANK SERIES BKNT 2.250% 03/11/30		.03/04/2020	SUNTRUST CAPITAL MARKETS		10,807,680	10,825,000		1FE
90654B-CR-1	UNION ELECTRIC CO 2.950% 03/15/30		.03/17/2020	DAIICHI KAMETAKA SECURITIES USA		12,988,820	13,000,000		1FE
92343V-FE-9	VERIZON COMMUNICATIONS 3.150% 03/22/30		.03/17/2020	GOLDMAN SACHS & COMPANY		6,654,508	6,675,000		2FE
92343V-FF-6	VERIZON COMMUNICATIONS 3.000% 03/22/27		.03/17/2020	JP MORGAN SECURITIES		3,298,350	3,300,000		1FE
92826C-AM-4	VISA INC 2.050% 04/15/30		.03/31/2020	BANK OF AMERICA		11,757,926	11,775,000		1FE
95000G-AY-0	WELLS FARGO COMMERCIAL MORTGAG SERIES 2016-BNK1 CLASS A3 2.652% 08/15/49		.03/24/2020	CREDIT SUISSE SECURITIES US LL		1,481,667	1,620,000	2,984	1FM
97682B-BN-6	WISCONSIN POWER & LIGHT 3.650% 04/01/50		.03/30/2020	JP MORGAN SECURITIES		1,797,714	1,800,000		1FE
98389B-AY-6	XCEL ENERGY INC 3.400% 06/01/30		.03/27/2020	JP MORGAN SECURITIES		1,794,060	1,800,000		2FE
98956P-AS-1	ZIMMER BIOMET HOLDINGS 3.050% 01/15/26		.03/13/2020	CITIGROUP GLOBAL MARKETS INC		11,261,583	11,275,000		2FE
064159-TF-3	BANK OF NOVA SCOTIA 2.200% 02/03/25	A	.01/07/2020	SCOTIA CAPITAL INC		9,980,900	10,000,000		1FE
63307A-2J-3	NATIONAL BANK OF CANADA SERIES MTN 2.100% 02/01/23	A	.01/09/2020	NATIONAL BANK FINANCIAL		3,998,680	4,000,000		1FE
05583J-AG-7	BPCE SA SERIES 144A 2.375% 01/14/25	D	.01/06/2020	BARCLAYS BANK PLC		14,313,888	14,400,000		1FE
09659H-2K-9	BNP PARIBAS SERIES 144A 1.000% 01/13/31	D	.01/06/2020	BNP PARIBAS		26,650,000	26,650,000		1FE
225313-AM-7	CREDIT AGRICOLE SA SERIES 144A 3.250% 01/14/30	D	.01/08/2020	CREDIT AGRICOLE		13,542,160	13,625,000		2FE
251566-AA-3	DEUTSCHE TELEKOM AG SERIES 144A 3.625% 01/21/50	D	.01/13/2020	Various		18,416,124	18,600,000		2FE
606822-BR-4	DAIICHI KAMETAKA SECURITIES USA 2.559% 02/25/30	D	.02/18/2020	DAIICHI KAMETAKA SECURITIES USA		10,000,000	10,000,000		1FE
83368R-AV-4	SOCIETE GENERALE SERIES 144A 2.625% 01/22/25	D	.01/16/2020	SG AMERICAS SECURITIES LLC		9,980,000	10,000,000		2FE
86562M-BW-9	SUMITOMO MITSUI FINL GRP 2.750% 01/15/30	D	.01/06/2020	SUMITOMO MITSUI FINANCIAL GRP		10,000,000	10,000,000		1FE
8399999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)						1,031,963,954	1,031,088,815	222,127	XXX
8399997. Total - Bonds - Part 3						1,218,937,641	1,216,906,591	279,028	XXX
8399998. Total - Bonds - Part 5						XXX	XXX	XXX	XXX
8399999. Total - Bonds						1,218,937,641	1,216,906,591	279,028	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						1,218,937,641	XXX	279,028	XXX

STATEMENT AS OF MARCH 31, 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 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
228027-AA-6	VESSEL MANAGEMENT SERVIC US GOVT GUARANT 3.432% 08/15/36		02/15/2020	Call 100.0000		90,000	90,000	90,000	90,000						90,000				1,544	08/15/2036	1
228027-AB-4	VESSEL MANAGEMENT SERVIC US GOVT GUARANT 3.477% 01/16/37		01/16/2020	Call 100.0000		140,000	140,000	140,000	140,000						140,000				2,434	01/16/2037	1
29766D-AF-1	ETHIOPIAN LEASING 2012 US GOVT GUARANT 2.646% 05/12/26		02/12/2020	Redemption 100.0000		529,812	529,812	529,812	529,812						529,812				3,505	05/12/2026	1
29766D-AG-9	ETHIOPIAN LEASING 2012 US GOVT GUARANT 2.566% 08/14/26		02/14/2020	Redemption 100.0000		213,615	213,615	213,615	213,615						213,615				1,370	08/14/2026	1
30217T-AA-0	EXPORT LEASE TEN CO LLC US GOVT GUARANT 1.650% 05/07/25		02/07/2020	Redemption 100.0000		84,076	84,076	80,510	82,205		1,871		1,871		84,076				347	05/07/2025	1
361744-PJ-1	GN A04025 3.700% 10/15/33		03/01/2020	Paydown 100.0000		112,288	112,288	115,657	114,903		(2,615)		(2,615)		112,288				693	10/15/2033	1
367333-AD-3	GATE CAPITAL CAYMAN TWO US GOVT GUARANT 2.637% 12/02/21		03/02/2020	Redemption 100.0000		306,147	306,147	306,147	306,147						306,147				2,018	12/02/2021	1
49549C-AA-6	KING INTL LEASING LLC US GOVT GUARANT 2.754% 10/15/22		01/15/2020	Redemption 100.0000		191,356	191,356	191,356	191,356						191,356				1,317	10/15/2022	1
59280P-AA-9	MEXICAN AIR FINANCE IV US GOVT GUARANT 2.537% 07/13/25		01/13/2020	Redemption 100.0000		314,284	314,284	314,284	314,284						314,284				1,993	07/13/2025	1
690353-XM-4	OVERSEAS PRIVATE INV COR US GOVT GUARANT 3.590% 12/15/30		03/15/2020	Redemption 100.0000		35,714	35,714	35,714	35,714						35,714				321	12/15/2030	1
690353-XN-2	OVERSEAS PRIVATE INV COR US GOVT GUARANT 3.540% 06/15/30		03/15/2020	Redemption 100.0000		124,997	124,997	124,997	124,997						124,997				1,106	06/15/2030	1
690353-XR-3	OVERSEAS PRIVATE INV COR US GOVT GUARANT 3.938% 12/20/32		01/10/2020	Redemption 100.0000		(4,289)	(4,289)	(4,289)	(4,289)						(4,289)				(84)	12/20/2032	1
716540-BL-5	PETROLEOS MEXICANOS US GOVT GUARANT 2.830% 02/15/24		02/15/2020	Redemption 100.0000		750,000	750,000	750,000	750,000						750,000				10,613	02/15/2024	1
716540-BP-6	PETROLEOS MEXICANOS US GOVT GUARANT 2.290% 02/15/24		02/15/2020	Redemption 100.0000		750,000	750,000	750,000	750,000						750,000				8,588	02/15/2024	1
716540-BS-0	PETROLEOS MEXICANOS US GOVT GUARANT 2.181% 04/15/25		01/15/2020	Redemption 100.0000		125,000	125,000	123,125	123,982		1,018		1,018		125,000				751	04/15/2025	1
742651-DU-3	PRIVATE EXPORT FUNDING US GOVT GUARANT 2.250% 03/15/20		03/15/2020	Maturity 100.0000		15,025,000	15,025,000	14,994,199	15,023,794		1,206		1,206		15,025,000				169,031	03/15/2020	1
746388-AA-5	PURPLE CHEN 2011 LLC US GOVT GUARANT 2.735% 08/01/23		02/01/2020	Redemption 100.0000		566,718	566,718	566,718	566,718						566,718				3,875	08/01/2023	1
797224-AB-8	SAN CLEMENTE LEASING LLC US GOVT GUARANT 3.350% 06/07/22		03/07/2020	Redemption 100.0000		96,162	96,162	96,162	96,162						96,162				805	06/07/2022	1
797224-AC-6	SAN CLEMENTE LEASING LLC US GOVT GUARANT 3.030% 11/22/22		02/22/2020	Redemption 100.0000		185,232	185,232	185,232	185,232						185,232				702	11/22/2022	1
79977T-AA-7	SANDALWOOD 2013 LLC US GOVT GUARANT 2.836% 07/10/25		01/10/2020	Redemption 100.0000		369,229	369,229	369,229	369,229						369,229				2,618	07/10/2025	1
79977T-AB-5	SANDALWOOD 2013 LLC US GOVT GUARANT 2.897% 07/10/25		01/10/2020	Redemption 100.0000		325,790	325,790	325,790	325,790						325,790				2,360	07/10/2025	1
805649-AA-8	SAYARRA LTD US GOVT GUARANT 2.774% 10/29/21		01/29/2020	Redemption 100.0000		255,007	255,007	255,007	255,007						255,007				1,768	10/29/2021	1
876780-AA-5	TAYARRA LTD US GOVT GUARANT 3.628% 02/15/22		02/15/2020	Redemption 100.0000		120,877	120,877	120,877	120,877						120,877				1,096	02/15/2022	1
89609G-AA-0	TRICAHUE LEASING LLC US GOVT GUARANT 3.503% 11/19/21		02/19/2020	Redemption 100.0000		118,975	118,975	118,975	118,975						118,975				1,042	11/19/2021	1
89609G-AB-8	TRICAHUE LEASING LLC US GOVT GUARANT 3.744% 02/26/22		02/26/2020	Redemption 100.0000		89,458	89,458	89,458	89,458						89,458				837	02/26/2022	1
90373R-AA-8	ULANI MSN 35940 LLC US GOVT GUARANT 2.227% 05/16/25		02/16/2020	Redemption 100.0000		208,333	208,333	208,333	208,333						208,333				1,160	05/16/2025	1
92242V-AB-2	VCK LEASE SA US GOVT GUARANT 2.591% 07/24/26		01/24/2020	Redemption 100.0000		428,645	428,645	428,645	428,645						428,645				2,777	07/24/2026	1
98913L-AB-9	ZARAPI TO LEASING LLC US GOVT GUARANT 2.628% 11/12/26		02/12/2020	Redemption 100.0000		202,935	202,935	202,935	202,935						202,935				1,333	11/12/2026	1
05999999	Subtotal - Bonds - U.S. Governments					21,755,361	21,755,361	21,722,488	21,753,881		1,480		1,480		21,755,361				225,920	XXX	XXX

STATEMENT AS OF MARCH 31, 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	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	03/18/2020	Redemption 100.0000		223,298	223,298	223,298	223,298						223,298				1,113	09/18/2024	1
1099999	Subtotal - Bonds - All Other Governments					223,298	223,298	223,298	223,298						223,298				1,113	XXX	XXX
31359U-PG-4	FNW 1998-W2 B1 SUB 6.500% 06/25/28		03/01/2020	Paydown		19,024	19,024	18,210	18,505		519		519		19,024				152	06/25/2028	3FE
31359U-PH-2	FNW 1998-W2 B2 SUB 6.500% 06/25/28		03/01/2020	Paydown		19,024	19,024	17,930	18,337		687		687		19,024				152	06/25/2028	5FE
3136A1-T3-9	FNW 2011-115 MB PAC-11 2.500% 11/25/26		03/01/2020	Paydown		564,333	564,333	573,151	570,253		(5,920)		(5,920)		564,333				2,316	11/25/2026	1
3136AA-A2-1	FNW 2012-133 NA PAC-11 1.500% 05/25/42		03/01/2020	Paydown		313,974	313,974	313,287	313,352		622		622		313,974				761	05/25/2042	1
	FNW 2012-138 QA EXCH PAC-11 2.000% 11/25/42																				
3136AA-FR-1			03/01/2020	Paydown		718,209	718,209	733,359	731,371		(13,162)		(13,162)		718,209				2,426	11/25/2042	1
3136AG-JV-5	FNW 2013-94 CA EXCH SEQ 3.500% 08/25/38		03/01/2020	Paydown		340,827	340,827	355,072	347,002		(6,175)		(6,175)		340,827				2,139	08/25/2038	1
3136AS-5M-4	FNW 2016-53 GA SEQ 3.500% 12/25/43		03/01/2020	Paydown		293,192	293,192	311,082	305,175		(11,983)		(11,983)		293,192				1,705	12/25/2043	1
3136AS-OR-0	FNW 2016-37 MJ EXCH SEQ 3.500% 08/25/43		03/01/2020	Paydown		269,340	269,340	285,248	279,208		(9,868)		(9,868)		269,340				1,651	08/25/2043	1
	FNW 2017-67 BN EXCH AD SEQ 3.000% 02/25/44																				
3136AX-M2-8			03/01/2020	Paydown		90,730	90,730	92,615	92,544		(1,814)		(1,814)		90,730				432	02/25/2044	1
3136AX-TU-9	FNW 2017-62 AB EXCH PAC 3.000% 08/25/45		03/01/2020	Paydown		592,547	592,547	607,546	605,644		(13,097)		(13,097)		592,547				2,956	08/25/2045	1
3136B2-XP-2	FNW 2018-58 P AD PAC 4.000% 12/25/44		03/01/2020	Paydown		484,597	484,597	499,286	498,712		(14,115)		(14,115)		484,597				3,578	12/25/2044	1
3137AG-R3-6	FHR 3935 GA EXCH PAC-11 3.000% 10/15/26		03/01/2020	Paydown		266,464	266,464	277,747	274,422		(7,958)		(7,958)		266,464				1,303	10/15/2026	1
3137AG-UM-0	FHR 3940 CB SCH-11 3.000% 01/15/25		03/01/2020	Paydown		388,994	388,994	405,161	399,920		(10,927)		(10,927)		388,994				1,858	01/15/2025	1
3137AJ-CP-7	FHR 3958 PA PAC-11 3.000% 11/15/26		03/01/2020	Paydown		152,590	152,590	159,021	157,238		(4,648)		(4,648)		152,590				752	11/15/2026	1
3137BA-D6-6	FHR 4323 CA EXCH SEQ 4.000% 03/15/40		03/01/2020	Paydown		882,515	882,515	933,811	911,023		(28,508)		(28,508)		882,515				5,914	03/15/2040	1
3137BM-ZE-9	FHR 4550 GA SEQ 3.000% 10/15/41		03/01/2020	Paydown		698,426	698,426	726,253	712,621		(14,196)		(14,196)		698,426				3,405	10/15/2041	1
3137BN-E8-3	FHR 4565 DM EXCH SEQ 3.000% 02/15/42		03/01/2020	Paydown		475,392	475,392	492,625	486,381		(10,989)		(10,989)		475,392				2,449	02/15/2042	1
3137BR-E3-5	FHR 4607 A EXCH SEQ 3.000% 11/15/40		03/01/2020	Paydown		381,389	381,389	396,168	389,490		(8,101)		(8,101)		381,389				1,915	11/15/2040	1
3137BS-DP-5	FHR 4622 GA SEQ 3.000% 05/15/41		03/01/2020	Paydown		335,014	335,014	342,552	340,206		(5,192)		(5,192)		335,014				1,717	05/15/2041	1
3137BS-DS-9	FHR 4622 HA SEQ 3.000% 11/15/43		03/01/2020	Paydown		331,078	331,078	346,597	342,635		(11,557)		(11,557)		331,078				1,633	11/15/2043	1
3137BS-E7-4	FHR 4622 JA SEQ 3.000% 12/15/42		03/01/2020	Paydown		373,997	373,997	389,658	386,126		(12,129)		(12,129)		373,997				1,917	12/15/2042	1
3137BS-UB-7	FHR 4628 BA EXCH SEQ 3.000% 05/15/41		03/01/2020	Paydown		360,190	360,190	366,944	364,602		(4,411)		(4,411)		360,190				1,846	05/15/2041	1
3137BW-2C-7	FHR 4671 CA EXCH SEQ 3.500% 08/15/43		03/01/2020	Paydown		157,756	157,756	163,426	162,002		(4,246)		(4,246)		157,756				891	08/15/2043	1
3137BX-CX-8	FHR 4673 KA EXCH SEQ 3.500% 08/15/42		03/01/2020	Paydown		1,324,748	1,324,748	1,371,942	1,356,483		(31,736)		(31,736)		1,324,748				7,576	08/15/2042	1
3137F1-4B-1	FHR 4690 QA EXCH SEQ 3.500% 05/15/44		03/01/2020	Paydown		700,700	700,700	721,720	717,398		(16,698)		(16,698)		700,700				4,008	05/15/2044	1
3137F1-5E-4	FHR 4690 WA EXCH SEQ 3.500% 12/15/43		03/01/2020	Paydown		1,284,251	1,284,251	1,326,792	1,317,818		(33,566)		(33,566)		1,284,251				7,589	12/15/2043	1
3137F3-OV-9	FHR 4764 DA EXCH SEQ 4.000% 07/15/45		03/01/2020	Paydown		1,021,004	1,021,004	1,044,934	1,041,331		(20,326)		(20,326)		1,021,004				6,709	07/15/2045	1
3137F4-DB-5	FHR 4778 BA EXCH SEQ 4.000% 09/15/45		03/01/2020	Paydown		1,051,873	1,051,873	1,076,855	1,071,396		(19,523)		(19,523)		1,051,873				7,105	09/15/2045	1
3137F4-S7-8	FHR 4776 WA EXCH SEQ 4.000% 07/15/45		03/01/2020	Paydown		663,475	663,475	678,818	676,310		(12,835)		(12,835)		663,475				4,497	07/15/2045	1
3137FA-E7-9	FHR 4708 B EXCH SEQ 3.500% 10/15/44		03/01/2020	Paydown		1,079,252	1,079,252	1,117,363	1,110,156		(30,905)		(30,905)		1,079,252				5,994	10/15/2044	1
3137FB-D3-7	FHR 4728 A EXCH SEQ 3.500% 02/15/45		03/01/2020	Paydown		654,602	654,602	676,976	673,138		(18,536)		(18,536)		654,602				3,636	02/15/2045	1
3137FB-HU-3	FHR 4725 QT EXCH SEQ 3.500% 01/15/45		03/01/2020	Paydown		1,095,873	1,095,873	1,132,602	1,126,933		(31,060)		(31,060)		1,095,873				6,086	01/15/2045	1
3137FC-S9-6	FHR 4749 GA SEQ 3.500% 10/15/44		03/01/2020	Paydown		551,116	551,116	559,813	558,412		(7,297)		(7,297)		551,116				3,272	10/15/2044	1
3137FD-6W-7	FHR 4748 YA EXCH SEQ 3.500% 09/15/44		03/01/2020	Paydown		1,170,056	1,170,056	1,197,479	1,191,880		(21,823)		(21,823)		1,170,056				6,874	09/15/2044	1
3138EL-N8-2	FN AL4014 3.500% 07/01/43		03/01/2020	Paydown		253,519	253,519	270,750	269,866		(16,347)		(16,347)		253,519				1,306	07/01/2043	1
31392J-LN-7	FNW 2003-15 PG PAC-11 5.500% 03/25/33		03/01/2020	Paydown		40,747	40,747	39,184	39,903		845		845		40,747				330	03/25/2033	1
31394Y-ZB-9	FHR 2800 DZ Z SEQ 5.500% 05/15/34		03/01/2020	Paydown		67,200	67,200	56,049	62,828		4,372		4,372		67,200				491	05/15/2034	1
31395D-CQ-0	FNW 2006-41 ZV Z SEQ 6.000% 05/25/36		03/01/2020	Paydown		164,089	164,089	160,679	162,507		1,582		1,582		164,089				1,739	05/25/2036	1
31395E-RK-5	FHR 2840 ZH Z SEQ 5.000% 08/15/34		03/01/2020	Paydown		31,634	31,634	26,731	30,081		1,554		1,554		31,634				233	08/15/2034	1
31395N-GE-1	FNW 2006-45 AN SEQ 6.000% 06/25/26		03/01/2020	Paydown		89,803	89,803	88,933	89,178		625		625		89,803						

STATEMENT AS OF MARCH 31, 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
57586N-3C-3	MASSACHUSETTS ST HSG FIN AGY Massachusetts Housing Fin 4.72 4.721% 06/01/40		02/14/2020	Call 100.0000		295,000	295,000	295,000	295,000						295,000				1,805	06/01/2040	1FE
69848A-AA-6	PANHANDLE TX ECON DEV CORP LEA Panhandle Economic Develo 3.98 3.985% 07/15/48		01/15/2020	Redemption 100.0000		43,207	43,207	43,823	43,788		(581)		(581)		43,207				861	07/15/2048	1FE
3199999	Subtotal - Bonds - U.S. Special Revenues					24,278,246	24,278,246	24,968,535	24,817,798		(539,554)		(539,554)		24,278,246				142,988	XXX	XXX
029912-BE-1	AMERICAN TOWER CORP SR UNSEC 5.900% 11/01/21		01/15/2020	Call 106.7090		5,335,450	5,000,000	4,992,900	4,998,457		31		31		4,998,488		1,513	1,513	396,089	11/01/2021	2FE
031162-BG-4	AMGEN INC SR UNSEC 4.100% 06/15/21		03/22/2020	Call 102.9520		7,721,400	7,500,000	7,480,650	7,496,642		500		500		7,497,143		2,857	2,857	304,254	06/15/2021	2FE
031162-BM-1	AMGEN INC SR UNSEC 3.875% 11/15/21		03/23/2020	Call 100.0000		308,742	308,742	324,792	312,812		(553)		(553)		312,259		(3,517)	(3,517)	4,221	11/15/2021	2FE
05607U-AA-7	BXGNT 2018-A A SEQ 3.770% 02/02/34		03/02/2020	Paydown		167,657	167,657	167,615	167,618		39		39		167,657				1,080	02/02/2034	1FE
12200B-AA-6	BURLINGTN NO SF 04-1 TR PT CERTS 4.575% 01/15/21		01/15/2020	Redemption 100.0000		149,833	149,833	148,690	149,756		77		77		149,833				3,427	01/15/2021	1FE
12510H-AB-6	CAPITAL AUTOMOTIVE REIT SERIES 2020-1A CLASS A2 144A 3.030% 02/15/50		03/15/2020	Paydown		66,597	66,597	66,586			11		11		66,597				219	02/15/2050	1FE
14314E-AD-3	CARMX 2016-3 A4 SEQ 1.600% 01/18/22		03/15/2020	Paydown		157,935	157,935	157,930	157,930		5		5		157,935				632	01/18/2022	1FE
14314M-AD-5	CARMX 2016-2 A4 SEQ 1.680% 09/15/21		03/15/2020	Paydown		638,237	638,237	638,025	638,213		24		24		638,237				1,782	09/15/2021	1FE
17119B-AD-9	CCART 2016-BA A4 SEQ 1.870% 02/15/22		03/15/2020	Paydown		1,579,354	1,579,354	1,579,062	1,579,323		31		31		1,579,354				4,836	02/15/2022	1FE
17325F-AE-8	CITIBANK NA SR UNSEC 2.100% 06/12/20		01/22/2020	CITIGROUP GLOBAL MARKETS INC		10,008,100	10,000,000	9,995,700	9,999,345		92		92		9,999,437		8,663	8,663	24,500	06/12/2020	1FE
20847T-BL-4	CNFHE 2001-D M2 MEZ FLT AFC IRC 2.455% 11/15/32		03/16/2020	Paydown		153,301	153,301	159,837	164,795		(11,494)		(11,494)		153,301				905	11/15/2032	1FM
233050-AC-7	DBUBS 2011-LC1A A3 SEQ 5.002% 11/10/46		03/01/2020	Paydown		43,772	43,772	44,207	43,750		22		22		43,772				375	11/10/2046	1FM
247361-ZK-7	DELTA AIR LINES INC SR UNSEC 2.875% 03/13/20		03/13/2020	Maturity		4,475,000	4,475,000	4,462,783	4,474,164		836		836		4,475,000				64,328	03/13/2020	2FE
25271C-AN-2	DIAMOND OFFSHORE DRILL SR UNSEC 4.875% 11/01/43		03/02/2020	CREDIT SUISSE SECURITIES US LL		8,049,375	19,875,000	11,328,750	11,328,750						11,328,750		(3,279,375)	(3,279,375)	331,043	11/01/2043	5FE
252722-AA-1	DROT 2019-1A A SEQ 2.890% 02/20/32		03/20/2020	Paydown		160,062	160,062	160,500	160,491		(428)		(428)		160,062				740	02/20/2032	1FE
252724-AA-7	DROT 2018-1 A SEQ 3.700% 01/21/31		03/20/2020	Paydown		442,713	442,713	442,708	442,708		5		5		442,713				2,571	01/21/2031	1FE
26138E-AQ-2	KEURIG DR PEPPER INC CO GUARNT 2.000% 01/15/20		01/15/2020	Maturity		5,325,000	5,325,000	5,283,731	5,324,765		235		235		5,325,000				53,250	01/15/2020	2FE
30259M-AA-4	FCITL 2019-1A A SEQ 3.630% 02/18/31		03/15/2020	Paydown		214,485	214,485	214,450	214,450		35		35		214,485				908	02/18/2031	1FE
345397-XA-6	FORD MOTOR CREDIT CO LLC SR UNSEC 3.219% 01/09/22		01/16/2020	CITIGROUP GLOBAL MARKETS INC		16,975,701	16,850,000	16,850,000	16,850,000						16,850,000		125,701	125,701	289,281	01/09/2022	2FE
345397-YE-7	FORD MOTOR CREDIT CO LLC SR UNSEC 2.681% 01/09/20		01/09/2020	Maturity		3,000,000	3,000,000	3,000,000	3,000,000						3,000,000				40,215	01/09/2020	2FE
38013B-AE-0	GMALT 2017-3 A4 SEQ 2.120% 09/20/21		02/20/2020	Paydown		2,436,665	2,436,665	2,436,459	2,436,642		23		23		2,436,665				6,436	09/20/2021	1FE
406216-BD-2	HALLIBURTON CO SR UNSEC 3.500% 08/01/23		03/03/2020	TENDER SALE		10,233,908	9,479,000	9,456,819	9,470,126		408		408		9,470,534		763,374	763,374	197,216	08/01/2023	2FE
42770L-AA-1	HERO 2015-1A A SEQ 3.840% 09/21/40		03/20/2020	Paydown		104,398	104,398	104,350	104,374		23		23		104,398				634	09/21/2040	1FE
42771A-AA-4	HERO 2017-3A A1 SEQ 3.190% 09/20/48		03/20/2020	Paydown		170,032	170,032	169,975	169,978		54		54		170,032				766	09/20/2048	1FE
42771L-AB-8	HERO 2017-2A A1 SEQ 3.280% 09/20/48		03/20/2020	Paydown		85,019	85,019	85,008	85,009		10		10		85,019				511	09/20/2048	1FE
43284B-AA-0	HGVT 2018-AA A SEQ 3.540% 02/25/32		03/25/2020	Paydown		143,259	143,259	143,215	143,219		41		41		143,259				782	02/25/2032	1FE
46647S-AJ-9	JPMMT 2017-3 1A5 EXCH AFC SEQ SSNR 3.500% 08/25/47		03/01/2020	Paydown		784,457	784,457	796,960	795,852		(11,395)		(11,395)		784,457				4,624	08/25/2047	1FM
46648H-AE-3	JPMMT 2017-2 A5 EXCH AFC SEQ SSNR 3.500% 05/25/47		03/01/2020	Paydown		387,425	387,425	378,950	379,691		7,734		7,734		387,425				2,230	05/25/2047	1FM
46648U-AE-4	JPMMT 2017-4 A5 EXCH AFC SEQ SSNR 3.500% 11/25/48		03/01/2020	Paydown		1,813,987	1,813,987	1,791,879	1,799,257		14,730		14,730		1,813,987				10,055	11/25/2048	1FM
46649K-AC-9	JP MORGAN MORTGAGE TRUST SERIES 2018-5 CLASS A3 144A 3.500% 10/25/48		03/01/2020	Paydown		1,232,254	1,232,254	1,254,973	1,254,803		(22,550)		(22,550)		1,232,254				7,470	10/25/2048	1FM
46649Y-AE-5	JPMMT 2018-9 A5 EXCH AFC SEQ SSNR 4.000% 02/25/49		03/01/2020	Paydown		992,447	992,447	1,003,922	998,892		(6,445)		(6,445)		992,447				6,457	02/25/2049	1FM
52521R-AS-0	LMT 2007-5 2A3 FLT SSNR AS 1.277% 06/25/37		03/25/2020	Paydown		1,906	12,677	2,841	1,888		1,564		1,564		3,452		(1,546)	(1,546)	52	06/25/2037	1FM
53117C-AS-1	LIBERTY PROPERTY LP SR UNSEC 3.250% 10/01/26		01/23/2020	Tax Free Exchange		919,592	925,000	917,249	919,513		79		79		919,592				10,772	10/01/2026	2FE
53117C-AT-9	LIBERTY PROPERTY LP SR UNSEC 4.375% 02/01/29		01/23/2020	Tax Free Exchange		922,823	925,000	922,614	922,801		21		21		922,823				21,246	02/01/2029	2FE

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STATEMENT AS OF MARCH 31, 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
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
9799999. Total - Common Stocks							XXX													XXX	XXX
9899999. Total - Preferred and Common Stocks							XXX													XXX	XXX
9999999 - Totals						168,890,581	XXX	168,536,094	167,650,949		(498,528)		(498,528)		168,026,462		307,270	307,270	2,588,459	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					(10,263)	(19,050)	(9,560)	.XXX.
Citibank, N.A. New York, NY					11,342,565	3,192,515	5,800,744	.XXX.
Harris, N.A. Chicago, IL					37,183	141,459	92,157	.XXX.
JPMorgan Chase Bank, N.A. New York, NY					924,634	255,355	87,091	.XXX.
The Northern Trust Company Chicago, IL					20,000	20,000	20,000	.XXX.
Wells Fargo, N.A. Philadelphia, PA					(5,150,166)	(20,777,248)	(17,529,446)	.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			7,163,952	(17,186,969)	(11,539,014)	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			7,163,952	(17,186,969)	(11,539,014)	XXX
0499999. Cash in Company's Office	XXX	XXX	XXX	XXX				XXX
0599999. Total - Cash	XXX	XXX			7,163,952	(17,186,969)	(11,539,014)	XXX

SCHEDULE E - PART 2 - CASH EQUIVALENTS

[illegible]