

QUARTERLY STATEMENT

OF THE

TIAA-CREF LIFE INSURANCE COMPANY

TO THE

Insurance Department

OF THE

STATE OF

**FOR THE QUARTER ENDED
MARCH 31, 2023**

☐ **LIFE, ACCIDENT AND HEALTH**

☐ **FRATERNAL BENEFIT SOCIETIES**

2023



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

QUARTERLY STATEMENT

AS OF MARCH 31, 2023
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 Avenue

(Street and Number)

New York, NY, US 10017212-490-9000

(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 Avenue

(Street and Number)

New York, NY, US 10017212-490-9000

(City or Town, State, Country and Zip Code)(Area Code) (Telephone Number)

Internet Website Addressttaa.org

Statutory Statement ContactStacy Eisenhauer704-988-4560

(Name)(Area Code) (Telephone Number)

StatutoryReporting@tiaa.org

(E-mail Address)(FAX Number)

OFFICERS

President & Chief Executive OfficerMohammad Ali Iqbal #

Vice President & Chief Financial OfficerStacy Koon Eisenhauer

SecretaryWayne Aggrey Agard

Senior Vice President, Chief Actuary and Appointed ActuaryKeith Elliot Floman

OTHER

Christopher John Heald, Vice President & Treasurer

DIRECTORS OR TRUSTEES

Nicholas Carl CalarcoAnne (NMN) DobkowskiBradley (NMN) Finkle

Keith Elliot FlomanMohammad Ali IqbalEric Thomas Jones

Timothy Wayne Penrose

State ofNew YorkSS:

County ofNew York

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

Mohammad Ali Iqbal

President & Chief Executive Officer

Wayne Aggrey Agard

Secretary

Stacy Koon Eisenhauer

Vice President & Chief Financial Officer

Subscribed and sworn to before me this25th day ofApril, 2023

Vincenza Ieni

a. Is this an original filing? Yes [X] No []

b. If no,

1. State the amendment number.....

2. Date filed

3. Number of pages attached.....

VINCENZA IENI
NOTARY PUBLIC-STATE OF NEW YORK
No. 011E6211858
Qualified in Westchester County
My Commission Expires 09-21-2025

STATEMENT AS OF MARCH 31, 2023 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	13,456,056,824		13,456,056,824	13,355,204,676
2. Stocks:				
2.1 Preferred stocks	9,128,393		9,128,393	9,376,307
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 (\$(208,084)), cash equivalents (\$ 49,967,235) and short-term investments (\$)	49,759,151		49,759,151	97,648,359
6. Contract loans (including \$ premium notes)	49,477,740		49,477,740	48,211,031
7. Derivatives				
8. Other invested assets	4,614,976		4,614,976	4,621,050
9. Receivables for securities	150,463		150,463	68,577
10. Securities lending reinvested collateral assets				
11. Aggregate write-ins for invested assets				
12. Subtotals, cash and invested assets (Lines 1 to 11)	13,569,187,546		13,569,187,546	13,515,130,000
13. Title plants less \$ charged off (for Title insurers only)				
14. Investment income due and accrued	103,043,133		103,043,133	100,957,535
15. Premiums and considerations:				
15.1 Uncollected premiums and agents' balances in the course of collection	2,113,360		2,113,360	1,799,612
15.2 Deferred premiums, agents' balances and installments booked but deferred and not yet due (including \$ earned but unbilled premiums)	45,496,037	27,761,503	17,734,534	18,820,258
15.3 Accrued retrospective premiums (\$) and contracts subject to redetermination (\$)				
16. Reinsurance:				
16.1 Amounts recoverable from reinsurers	2,204,605		2,204,605	7,185,658
16.2 Funds held by or deposited with reinsured companies				
16.3 Other amounts receivable under reinsurance contracts	1,524,513		1,524,513	1,343,089
17. Amounts receivable relating to uninsured plans				
18.1 Current federal and foreign income tax recoverable and interest thereon				
18.2 Net deferred tax asset	50,338,823	34,569,630	15,769,193	16,300,027
19. Guaranty funds receivable or on deposit	91,654		91,654	91,654
20. Electronic data processing equipment and software				
21. Furniture and equipment, including health care delivery assets (\$)				
22. Net adjustment in assets and liabilities due to foreign exchange rates				
23. Receivables from parent, subsidiaries and affiliates				
24. Health care (\$) and other amounts receivable				
25. Aggregate write-ins for other than invested assets	12,664,896	178	12,664,718	4,633,900
26. Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 to 25)	13,786,664,567	62,331,311	13,724,333,256	13,666,261,733
27. From Separate Accounts, Segregated Accounts and Protected Cell Accounts	4,124,604,053		4,124,604,053	3,966,298,395
28. Total (Lines 26 and 27)	17,911,268,620	62,331,311	17,848,937,309	17,632,560,128
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	12,664,896	178	12,664,718	4,633,900
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)	12,664,896	178	12,664,718	4,633,900

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, 2023 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 \$ 3,746,856,167 less \$ included in Line 6.3 (including \$248,306,825 Modco Reserve)	3,746,856,167	3,798,526,511
2. Aggregate reserve for accident and health contracts (including \$ Modco Reserve)		
3. Liability for deposit-type contracts (including \$ Modco Reserve).....	8,849,674,246	8,801,779,581
4. Contract claims:		
4.1 Life	14,155,339	10,637,475
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	158,185	80,383
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 \$7,535,595 ceded	7,535,595	7,630,194
9.4 Interest Maintenance Reserve	38,333,678	46,736,127
10. Commissions to agents due or accrued-life and annuity contracts \$ 309,540 , accident and health \$ and deposit-type contract funds \$	309,540	349,751
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 \$(2,991,390) accrued for expense allowances recognized in reserves, net of reinsured allowances)	(8,176,500)	(2,711,715)
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)	6,886,512	5,033,178
15.2 Net deferred tax liability		
16. Unearned investment income		
17. Amounts withheld or retained by reporting entity as agent or trustee	1,360,899	1,161,618
18. Amounts held for agents' account, including \$ agents' credit balances		
19. Remittances and items not allocated	16,519,851	17,782,293
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	81,340,683	77,800,975
24.02 Reinsurance in unauthorized and certified (\$) companies	3,644,070	6,990,144
24.03 Funds held under reinsurance treaties with unauthorized and certified (\$) reinsurers		
24.04 Payable to parent, subsidiaries and affiliates	16,506,933	7,495,616
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	46,256,321	91,657
24.10 Payable for securities lending		
24.11 Capital notes \$ and interest thereon \$		
25. Aggregate write-ins for liabilities	1,480,826	1,284,245
26. Total liabilities excluding Separate Accounts business (Lines 1 to 25)	12,822,842,344	12,780,668,033
27. From Separate Accounts Statement	4,113,133,708	3,954,476,291
28. Total liabilities (Lines 26 and 27)	16,935,976,052	16,735,144,324
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)	132,961,258	117,415,804
36. Less treasury stock, at cost:		
36.1 shares common (value included in Line 29 \$)		
36.2 shares preferred (value included in Line 30 \$)		
37. Surplus (Total Lines 31+32+33+34+35-36) (including \$ 11,470,345 in Separate Accounts Statement)	910,461,258	894,915,804
38. Totals of Lines 29, 30 and 37	912,961,258	897,415,804
39. Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3)	17,848,937,309	17,632,560,128
DETAILS OF WRITE-INS		
2501. Miscellaneous liabilities	1,480,826	1,284,245
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)	1,480,826	1,284,245
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, 2023 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	52,186,031	75,387,029	260,202,721
2. Considerations for supplementary contracts with life contingencies	96,313	188,521	1,917,505
3. Net investment income	106,494,422	92,330,859	398,218,580
4. Amortization of Interest Maintenance Reserve (IMR)	1,453,192	1,379,477	6,266,795
5. Separate Accounts net gain from operations excluding unrealized gains or losses	(416,927)	650,781	1,408,448
6. Commissions and expense allowances on reinsurance ceded	1,568,464	1,138,211	7,410,349
7. Reserve adjustments on reinsurance ceded	(10,090,094)	584,282	(11,452,786)
8. Miscellaneous Income:			
8.1 Income from fees associated with investment management, administration and contract guarantees from Separate Accounts.....	4,532,822	5,117,230	19,137,455
8.2 Charges and fees for deposit-type contracts			
8.3 Aggregate write-ins for miscellaneous income	123,357	49,769	513,493
9. Totals (Lines 1 to 8.3)	155,947,579	176,826,159	683,622,560
10. Death benefits	9,185,543	6,355,425	29,749,912
11. Matured endowments (excluding guaranteed annual pure endowments)			
12. Annuity benefits	20,295,767	27,177,174	94,644,330
13. Disability benefits and benefits under accident and health contracts	151,454	122,962	565,276
14. Coupons, guaranteed annual pure endowments and similar benefits			
15. Surrender benefits and withdrawals for life contracts	103,984,725	48,820,620	228,804,964
16. Group conversions			
17. Interest and adjustments on contract or deposit-type contract funds	53,769,669	21,348,753	98,778,294
18. Payments on supplementary contracts with life contingencies	234,285	198,118	850,308
19. Increase in aggregate reserves for life and accident and health contracts	(51,670,344)	17,833,428	3,236,935
20. Totals (Lines 10 to 19)	135,951,099	121,856,480	456,630,019
21. Commissions on premiums, annuity considerations, and deposit-type contract funds (direct business only)	898,378	1,129,346	4,209,113
22. Commissions and expense allowances on reinsurance assumed			
23. General insurance expenses and fraternal expenses	18,888,041	16,592,332	67,389,879
24. Insurance taxes, licenses and fees, excluding federal income taxes	1,666,725	1,517,796	6,652,857
25. Increase in loading on deferred and uncollected premiums	2,123,282	2,836,067	3,822,409
26. Net transfers to or (from) Separate Accounts net of reinsurance	(38,849,922)	(19,330,180)	(77,274,059)
27. Aggregate write-ins for deductions	17,968,952	11,401,431	39,893,340
28. Totals (Lines 20 to 27)	138,646,555	136,003,272	501,323,558
29. Net gain from operations before dividends to policyholders and federal income taxes (Line 9 minus Line 28)	17,301,024	40,822,887	182,299,002
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)	17,301,024	40,822,887	182,299,002
32. Federal and foreign income taxes incurred (excluding tax on capital gains)	3,700,532	7,544,455	34,780,123
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)	13,600,492	33,278,432	147,518,879
34. Net realized capital gains (losses) (excluding gains (losses) transferred to the IMR) less capital gains tax of \$ 73 (excluding taxes of \$ (1,847,271) transferred to the IMR)	272	(249,064)	(842,045)
35. Net income (Line 33 plus Line 34)	13,600,764	33,029,368	146,676,834
CAPITAL AND SURPLUS ACCOUNT			
36. Capital and surplus, December 31, prior year	897,415,804	841,656,601	841,656,601
37. Net income (Line 35)	13,600,764	33,029,368	146,676,834
38. Change in net unrealized capital gains (losses) less capital gains tax of \$ (52,062)	(195,852)	(1,447,675)	(825,237)
39. Change in net unrealized foreign exchange capital gain (loss)			
40. Change in net deferred income tax	(70,041)	(1,643,930)	(1,282,354)
41. Change in nonadmitted assets	2,339,049	1,885,745	3,683,895
42. Change in liability for reinsurance in unauthorized and certified companies	3,346,074	8,866,557	5,260,395
43. Change in reserve on account of change in valuation basis, (increase) or decrease			
44. Change in asset valuation reserve	(3,539,708)	(753,081)	(12,843,473)
45. Change in treasury stock			
46. Surplus (contributed to) withdrawn from Separate Accounts during period			
47. Other changes in surplus in Separate Accounts Statement	65,168	(562,161)	(1,010,857)
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			
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			(83,900,000)
53. Aggregate write-ins for gains and losses in surplus			
54. Net change in capital and surplus for the year (Lines 37 through 53)	15,545,454	39,374,823	55,759,203
55. Capital and surplus, as of statement date (Lines 36 + 54)	912,961,258	881,031,424	897,415,804
DETAILS OF WRITE-INS			
08.301. Miscellaneous income	123,357	49,769	513,493
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)	123,357	49,769	513,493
2701. Miscellaneous deductions	17,968,952	11,401,431	39,893,340
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)	17,968,952	11,401,431	39,893,340
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, 2023 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	53,044,572	76,917,122	263,068,359
2. Net investment income	102,488,469	91,678,451	384,535,847
3. Miscellaneous income	6,224,644	6,305,211	27,061,297
4. Total (Lines 1 to 3)	161,757,684	174,900,784	674,665,503
5. Benefit and loss related payments	152,799,878	88,896,792	403,507,354
6. Net transfers to Separate Accounts, Segregated Accounts and Protected Cell Accounts	(33,385,137)	(20,917,740)	(82,172,034)
7. Commissions, expenses paid and aggregate write-ins for deductions	22,411,294	19,632,060	77,751,289
8. Dividends paid to policyholders			
9. Federal and foreign income taxes paid (recovered) net of \$ tax on capital gains (losses)		13,589,172	40,212,833
10. Total (Lines 5 through 9)	141,826,034	101,200,284	439,299,442
11. Net cash from operations (Line 4 minus Line 10)	19,931,650	73,700,500	235,366,061
Cash from Investments			
12. Proceeds from investments sold, matured or repaid:			
12.1 Bonds	157,035,289	207,233,757	2,010,817,056
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	841	(373)	27,314
12.7 Miscellaneous proceeds	46,164,664	51,996,070	5,967,798
12.8 Total investment proceeds (Lines 12.1 to 12.7)	203,200,794	259,229,454	2,016,812,168
13. Cost of investments acquired (long-term only):			
13.1 Bonds	264,763,212	260,940,086	2,907,564,910
13.2 Stocks			
13.3 Mortgage loans			
13.4 Real estate			
13.5 Other invested assets			
13.6 Miscellaneous applications	127,627		
13.7 Total investments acquired (Lines 13.1 to 13.6)	264,890,839	260,940,086	2,907,564,910
14. Net increase (or decrease) in contract loans and premium notes	1,266,709	766,830	3,371,768
15. Net cash from investments (Line 12.8 minus Line 13.7 and Line 14)	(62,956,754)	(2,477,462)	(894,124,510)
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			
16.3 Borrowed funds			
16.4 Net deposits on deposit-type contracts and other insurance liabilities	(5,553,738)	(135,553,319)	677,713,387
16.5 Dividends to stockholders			83,900,000
16.6 Other cash provided (applied)	689,634	5,312,436	(3,306,263)
17. Net cash from financing and miscellaneous sources (Line 16.1 through Line 16.4 minus Line 16.5 plus Line 16.6)	(4,864,104)	(130,240,883)	590,507,124
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) .	(47,889,207)	(59,017,845)	(68,251,325)
19. Cash, cash equivalents and short-term investments:			
19.1 Beginning of year	97,648,359	165,899,684	165,899,684
19.2 End of period (Line 18 plus Line 19.1)	49,759,151	106,881,839	97,648,359

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

20.0001. Exchange/restructure/transfer of bond investments	21,732,533	5,197,457	152,151,659
20.0002. Capitalized interest	686,129	703,607	2,795,586
20.0003. Interest credited on deposit type contracts	53,644,908	21,179,391	97,992,464

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	39,122,337	44,991,610	175,923,147
3. Ordinary individual annuities	21,351,846	39,231,508	120,271,387
4. Credit life (group and individual)			
5. Group life insurance	11,023,288	11,277,840	44,006,861
6. Group annuities			
7. A & H - group			
8. A & H - credit (group and individual)			
9. A & H - other	1,675,828	1,726,692	6,709,539
10. Aggregate of all other lines of business			
11. Subtotal (Lines 1 through 10)	73,173,299	97,227,650	346,910,934
12. Fraternal (Fraternal Benefit Societies Only)			
13. Subtotal (Lines 11 through 12)	73,173,299	97,227,650	346,910,934
14. Deposit-type contracts	277,969,040	262,610,076	2,059,411,381
15. Total (Lines 13 and 14)	351,142,339	359,837,726	2,406,322,315
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 (“NYDFS” or 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 net 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	03/31/2023	12/31/2022
Net Income (loss), New York SAP				\$ 13,600,764	\$ 146,676,834
New York SAP Prescribed Practices that are an increase/(decrease) from NAIC SAP:					
Additional Reserves for Term Conversions	51R	4	19	138,439	(18,895)
Additional Reserves for Variable Annuities	51R	4	19	14,309	(10,080)
Net Income (loss), NAIC SAP				<u>\$ 13,448,016</u>	<u>\$ 146,705,809</u>
Capital and Surplus, New York SAP				\$ 912,961,258	\$ 897,415,804
New York SAP Prescribed Practices that are an increase/(decrease) from NAIC SAP:					
Deferred Premium Asset Limitation	51R, 61R	2	15.2	(519,538)	(589,327)
Additional Reserves for Term Conversions	51R	3	1	(5,979,814)	(6,118,253)
Additional Reserves for Variable Annuities	51R	3	1	(22,430)	(36,739)
Capital and Surplus, NAIC SAP				<u>\$ 919,483,040</u>	<u>\$ 904,160,123</u>

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

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 additional reserve for variable annuities results from the Department prescribing a floor under Regulation No. 213 (11 NYCRR 103), Principle-Based Reserving, effective December 31, 2020. Therefore, the Company’s reported reserve for variable annuities is the greater of those prescribed under the NAIC Valuation Manual (“VM”) in section VM-21 Requirements for Principle-Based Reserves for Variable Annuities (“VM-21”), and Regulation No. 213.

The Company’s risk based capital as of March 31, 2023 and December 31, 2022 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

No material change

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.

NOTES TO FINANCIAL STATEMENTS

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

Accounting Changes

Adoption of New Accounting Standards

In March 2023, the NAIC adopted revisions to SSAP No. 100R—Fair Value. The revisions adopt ASU 2022-03, Fair Value Measurement of Equity Securities Subject to Contractual Sale Restrictions to provide clarity in situations involving equity securities that have restrictions related to the sale of the asset. The adoption does not incorporate the GAAP disclosures on sales restrictions, but clarifies that items restricted as to sale would be captured as restricted assets and subject to admittance considerations. The revisions are effective immediately and did not have a material impact to the Company.

In March 2023, the NAIC adopted revisions to SSAP No. 34 - Investment Income Due and Accrued. The revisions provided additional disclosures for interest income due and paid-in-kind (PIK) interest included in current principal balances. The revisions are effective December 31, 2023 and are not expected to have a material impact to the Company.

In December 2022, the NAIC adopted certain accounting practices within Interpretation 2022-02, Third Quarter 2022 through First Quarter 2023 Reporting of the Inflation Act (the "Act") - Corporate Alternative Minimum Tax ("CAMT") ("INT 22-02"). The Act imposes a CAMT to the excess of 15% of a corporation's adjusted financial statement income over its corporate alternative minimum tax foreign tax credit. The CAMT goes into effect for tax years beginning after 2022. INT 22-02 addresses the third quarter 2022 through first quarter 2023 transition accounting and reporting aspects of the new CAMT. Because of the timing of the adoption of the Act and the considerable number of unknown variables for March 31, 2023, a reasonable estimate for the calculations impacted by the CAMT is not determinable for first quarter 2023 financial statements. INT 22-02 specifies that reporting entities shall not recognize impacts related to CAMT for first quarter 2023 filing or as a subsequent event for any estimated CAMT, but shall make certain disclosures for the Act's applicability. See Note 9 for the disclosure.

Corrections of Errors

No material corrections

3. Business Combinations and Goodwill

Not applicable

4. Discontinued Operations

Not applicable

NOTES TO FINANCIAL STATEMENTS

5. Investments

A. Mortgage Loans

Not applicable

B. Debt Restructuring

Not applicable

C. Reverse Mortgages

Not applicable

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, 2023, the Company recognized no OTTI on securities it lacked the ability to hold or had the intent to sell.

(3) The Company has no loan-backed or structured securities that have recognized OTTI as of March 31, 2023:

(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	\$	18,658,425
	2. 12 Months or Longer	\$	174,658,192
b. The aggregate related fair value of securities with unrealized losses:	1. Less than 12 Months	\$	329,428,908
	2. 12 Months or Longer	\$	1,077,791,979

(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

NOTES TO FINANCIAL STATEMENTS

M. Working Capital Financial Investments

Not applicable

N. Offsetting and Netting of Assets and Liabilities

Not applicable

O. 5GI Securities

Not applicable

P. Short Sales

Not applicable

Q. Prepayment Penalty and Acceleration Fees

No material change

R. Reporting Entity's Share of Cash Pool by Asset type

Not applicable

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 changes, however, the Inflation Reduction Act ("Act") was enacted on August 16, 2022. The Act included a new corporate alternative minimum tax ("CAMT") which is a 15 percent tax on an applicable corporation's adjusted financial statement income for the tax year, reduced by corporate alternative minimum foreign tax credits. The tax is effective for tax years beginning after 2022.

Under general statutory accounting principles, reporting entities filing statutory financial statements would normally have to consider the applicability of the CAMT, and if applicable, determine the impact on the statutory valuation allowance as well as assess deferred tax assets ("DTAs") for admissibility. Pursuant to guidance released by the Statutory Accounting Principles Working Group ("SAPWG") within INT 22-02, the Company has not determined as of the reporting date if it will be liable for CAMT in 2023. As a member of the Consolidated group for TIAA, TC life has not included an estimate of the impact of the CAMT within the first quarter 2023 financial statements, because a reasonable estimate cannot be made at this time.

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, Dividend Restrictions and Quasi-Reorganizations

No material change

14. Liabilities, Contingencies and Assessments

No material change

NOTES TO FINANCIAL STATEMENTS

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

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.

NOTES TO FINANCIAL STATEMENTS

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, 2023:

	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Total
Assets at fair value:					
Preferred stock	\$ 728,393	\$ —	\$ —	\$ —	\$ 728,393
Separate account assets	4,110,240,166	14,363,887	—	—	4,124,604,053
Total assets at fair value	\$ 4,110,968,559	\$ 14,363,887	\$ —	\$ —	\$ 4,125,332,446
Total liabilities at fair value	\$ —	\$ —	\$ —	\$ —	\$ —

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

At March 31, 2023 and December 31, 2022, there were no assets or liabilities measured and reported at fair value using Level 3 inputs.

- (3) The Company’s policy is to recognize transfers into and out of Level 3 at the actual date of the event or change in circumstances that caused the transfer.
- (4) See 20.B.
- (5) Not applicable.

B. The estimated fair values of the financial assets and liabilities presented within this note are determined by the Company using market information available as of March 31, 2023. 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.

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.

Preferred stocks included in Level 2 include those which are traded in an inactive market for which prices for identical securities are not available. Valuations are based principally on observable inputs including quoted prices in markets that are not considered active.

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 included in Level 2 consist of outstanding disbursements in excess of cash on hand and are valued based on the carrying value of the outstanding disbursement, which approximates fair value. Cash equivalents and short term investments in Level 2 are valued principally by third party services using market observable inputs.

NOTES TO FINANCIAL STATEMENTS

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.

C. Aggregate fair value for all financial instruments:

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

	Aggregate Fair Value	Admitted Assets	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Not Practicable (Carrying Value)
Assets:							
Bonds	\$12,038,081,138	\$13,456,056,824	\$ —	\$12,037,345,555	\$ 735,583	\$ —	\$ —
Preferred stock	7,145,993	9,128,393	728,393	6,417,600	—	—	—
Other invested assets	4,836,605	4,614,976	—	4,836,605	—	—	—
Separate account assets	4,124,604,053	4,124,604,053	4,110,240,166	14,363,887	—	—	—
Contract loans	49,477,740	49,477,740	—	—	49,477,740	—	—
Cash, cash equivalents & short term investments	49,774,638	49,759,151	—	49,774,638	—	—	—
Total	<u>\$16,273,920,167</u>	<u>\$17,693,641,137</u>	<u>\$4,110,968,559</u>	<u>\$12,112,738,285</u>	<u>\$ 50,213,323</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	\$ 8,849,674,246	\$ 8,849,674,246	\$ —	\$ —	\$8,849,674,246	\$ —	\$ —
Separate account liabilities	4,113,133,708	4,113,133,708	—	—	4,113,133,708	—	—
Total	<u>\$12,962,807,954</u>	<u>\$12,962,807,954</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$12,962,807,954</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, 2023 for the statutory statement issued on May 8, 2023. 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

NOTES TO FINANCIAL STATEMENTS

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

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

No material change

36. Loss/Claims Adjustment Expense

No material change

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?

Yes [] No [X]

4.2

If yes, provide the name of the entity, NAIC Company Code, and state of domicile (use two letter state abbreviation) for any entity that has ceased to exist as a result of the merger or consolidation.

1	2	3
Name of Entity	NAIC Company Code	State of Domicile

5.

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

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

6.1

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

12/31/2018

6.2

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

12/31/2018

6.3

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

06/25/2020

6.4

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

6.5

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

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

6.6

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

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

7.1

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

Yes [] No [X]

7.2

If yes, give full information:

8.1

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

Yes [] No [X]

8.2

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

8.3

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

Yes [X] No []

8.4

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

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

STATEMENT AS OF MARCH 31, 2023 OF THE TIAA-CREF LIFE INSURANCE COMPANY

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).
The Code of Business Conduct was updated as of February 15, 2023 to remove references to the applicability of the Code to contingent workers, third parties and vendors. Applicability of the Code to contingent workers, third parties and vendors is handled through contractual language and not through the Code of Business Conduct itself.

9.3

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

Yes [] No [X]

9.31

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

FINANCIAL

10.1

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

Yes [] No [X]

10.2

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

INVESTMENT

11.1

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

Yes [X] No []

11.2

If yes, give full and complete information relating thereto:
As of March 31, 2023, the statement value of the assets on deposit with states is \$6,790,536.

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? Yes [] No [] N/A [X]
If no, attach a description with this statement.
.....

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, 2023 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.	383 Madison 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 [] No [X]
- 18.2 If no, list exceptions:

At Mar 31, 2023, there were 3 bond instruments, that did not meet the filing requirements of the Purposes and Procedures Manual of the National Association of Insurance Commissioners (NAIC) Investment Analysis Office. 3 instruments are pending submission to the Securities Valuation Office (SVO). Exceptions totaled \$5,118,286 or 0.04% of all long-term bonds and preferred stocks.

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, 2023 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE T - PREMIUMS AND ANNUITY CONSIDERATIONS

Current Year To Date - Allocated by States and Territories

			Direct Business Only					
			Life Contracts		4 Accident and Health Insurance Premiums, Including Policy, Membership and Other Fees	5 Other Considerations	6 Total Columns 2 Through 5	7 Deposit-Type Contracts
			2 Life Insurance Premiums	3 Annuity Considerations				
States, Etc.			1 Active Status (a)					
1.	Alabama	AL	L	991,031	363,306	31,427	1,385,764	97,577
2.	Alaska	AK	L	33,547	8,030		41,577	
3.	Arizona	AZ	L	742,116	209,515	22,962	974,593	
4.	Arkansas	AR	L	183,416	1,687	5,860	190,963	723,089
5.	California	CA	L	4,727,037	1,660,084	62,581	6,449,702	82,673,156
6.	Colorado	CO	L	764,613	272,721		1,037,334	31,466,176
7.	Connecticut	CT	L	1,289,476	131,506	32,792	1,453,774	121,231
8.	Delaware	DE	L	893,007	40,250	10,474	943,731	
9.	District of Columbia	DC	L	352,059	98,818	25,472	476,349	
10.	Florida	FL	L	3,157,274	1,567,850	242,732	4,967,856	2,409,768
11.	Georgia	GA	L	1,287,934	408,049	52,482	1,748,465	39,051,773
12.	Hawaii	HI	L	103,770	6,328	2,887	112,985	365,474
13.	Idaho	ID	L	69,325	1,800	8,639	79,764	
14.	Illinois	IL	L	1,550,266	1,792,368	37,647	3,380,281	277,067
15.	Indiana	IN	L	866,487	171,217	32,648	1,070,352	
16.	Iowa	IA	L	709,149	473,027	16,463	1,198,639	244,137
17.	Kansas	KS	L	198,077	24,075	7,018	229,170	
18.	Kentucky	KY	L	278,147	21,768	2,068	301,983	(29,857)
19.	Louisiana	LA	L	302,620	1,089		303,709	
20.	Maine	ME	L	188,058	3,000	6,133	197,191	60,029
21.	Maryland	MD	L	1,225,260	506,105	72,134	1,803,499	1,332,259
22.	Massachusetts	MA	L	1,885,049	1,700,524	108,645	3,694,218	70,448
23.	Michigan	MI	L	1,266,187	414,905	65,868	1,746,960	60,985,887
24.	Minnesota	MN	L	1,640,877	80,679	15,665	1,737,221	11,767,956
25.	Mississippi	MS	L	46,556	2,474		49,030	1,942,701
26.	Missouri	MO	L	1,143,493	134,834	23,642	1,301,969	
27.	Montana	MT	L	91,484	3,667		95,151	186,265
28.	Nebraska	NE	L	764,047	4,630	4,237	772,914	
29.	Nevada	NV	L	219,142	885,555	9,144	1,113,841	
30.	New Hampshire	NH	L	206,853	30,600		237,453	
31.	New Jersey	NJ	L	2,112,759	1,250,688	52,976	3,416,423	
32.	New Mexico	NM	L	91,919	50,418		142,337	
33.	New York	NY	L	6,967,089	3,486,188	296,501	10,749,778	2,145,668
34.	North Carolina	NC	L	1,531,912	119,849	24,113	1,675,874	675,882
35.	North Dakota	ND	L	54,005	2,750		56,755	
36.	Ohio	OH	L	1,067,741	156,311	42,452	1,266,504	
37.	Oklahoma	OK	L	322,857	1,046,576	14,525	1,383,958	8,671,766
38.	Oregon	OR	L	318,794	11,950	21,702	352,446	
39.	Pennsylvania	PA	L	3,297,704	343,357	116,507	3,757,568	80,687
40.	Rhode Island	RI	L	380,903	532,589	16,201	929,693	
41.	South Carolina	SC	L	339,594	184,870	16,639	541,103	
42.	South Dakota	SD	L	243,740	600		244,340	
43.	Tennessee	TN	L	761,222	1,086,498	14,382	1,862,102	77,429
44.	Texas	TX	L	1,869,933	1,068,458	17,715	2,956,106	
45.	Utah	UT	L	538,956	17,818	1,697	558,471	
46.	Vermont	VT	L	204,012	2,700	9,856	216,568	4,901,228
47.	Virginia	VA	L	1,647,584	83,684	47,967	1,779,235	832,066
48.	Washington	WA	L	1,132,577	447,061	26,706	1,606,344	
49.	West Virginia	WV	L	145,062	35,804	16,996	197,862	
50.	Wisconsin	WI	L	543,223	395,216	37,391	975,830	26,839,178
51.	Wyoming	WY	L	45,856	8,000	1,882	55,738	
52.	American Samoa	AS	N					
53.	Guam	GU	N					
54.	Puerto Rico	PR	N	4,919			4,919	
55.	U.S. Virgin Islands	VI	N	5,550			5,550	
56.	Northern Mariana Islands	MP	N					
57.	Canada	CAN	N					
58.	Aggregate Other Aliens	OT	XXX	2,151			2,151	
59.	Subtotal	XXX		50,806,419	21,351,846	1,675,828	73,834,093	277,969,040
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		151,454			151,454	
94.	Aggregate or other amounts not allocable by State.....	XXX						
95.	Totals (Direct Business).....	XXX		50,957,873	21,351,846	1,675,828	73,985,547	277,969,040
96.	Plus Reinsurance Assumed.....	XXX						
97.	Totals (All Business).....	XXX		50,957,873	21,351,846	1,675,828	73,985,547	277,969,040
98.	Less Reinsurance Ceded.....	XXX		19,311,440		1,675,828	20,987,268	
99.	Totals (All Business) less Reinsurance Ceded	XXX		31,646,433	21,351,846		52,998,279	277,969,040
DETAILS OF WRITE-INS								
58001.	ZZZ Other Alien	XXX		2,151			2,151	
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		2,151			2,151	
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:

1. L - Licensed or Chartered - Licensed insurance carrier or domiciled RRG..... 51

2. R - Registered - Non-domiciled RRGs.....

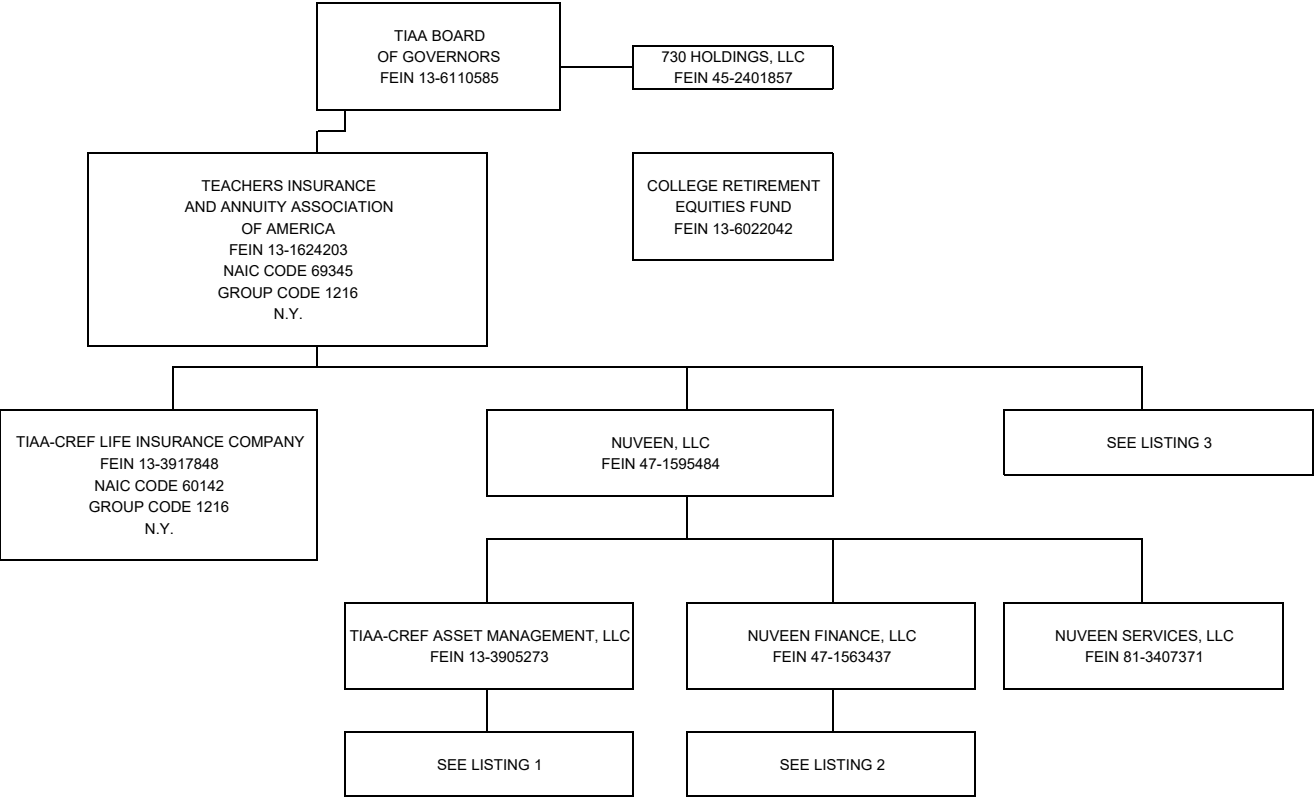
3. E - Eligible - Reporting entities eligible or approved to write surplus lines in the state.....

4. Q - Qualified - Qualified or accredited reinsurer.....

5. 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 to location of group contract holder.

SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP
PART 1 - ORGANIZATIONAL CHART
STATEMENT AS OF MARCH 31, 2023 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, 2023 OF THE TIAA-CREF LIFE INSURANCE COMPANY

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

COMPANY	FEIN	RELATIONSHIP
L&C Special Member Holdco, LLC	81-1272900	SUBSIDIARY
GTR Special Member Holdco LLC	46-3889185	SUBSIDIARY
TIAA International GP LLC	81-4374969	SUBSIDIARY
TIAA-CREF Investment Management LLC	42-2685442	SUBSIDIARY
Nuveen Alternative Holdings, LLC	46-3870972	SUBSIDIARY
AGR Partners LLC	81-1467545	SUBSIDIARY
AGR Ag Infrastructure GP, LLC	86-3201384	SUBSIDIARY
AGR Services LLC	36-4853278	SUBSIDIARY
AGR Special Opportunities GP, LLC	85-2581992	SUBSIDIARY
Nuveen Agribusiness Fund III GP, LLC	83-4328253	SUBSIDIARY
Nuveen Agribusiness Fund III, LP	83-4307097	SUBSIDIARY
TGAM Agribusiness Fund GP LLC	81-1870559	SUBSIDIARY
AGR Services LLC	36-4853278	SUBSIDIARY
CAM HR Resources LLC	36-4851864	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
NGC Master HoldCo LLC	88-1590237	SUBSIDIARY
NGC Senior Master Holdco LLC	88-3758314	SUBSIDIARY
NGTF GP, LLC	88-2217234	SUBSIDIARY
Nuveen Alternatives Advisors, LLC	45-4288013	SUBSIDIARY
Churchill Fund II GP LLC		SUBSIDIARY
Nuveen Churchill Direct Lending Corp.		SUBSIDIARY
TPS Investors GP, LLC	82-1917856	SUBSIDIARY
Nuveen Alternatives Services, LLC	45-4288091	SUBSIDIARY
GAP II NZ GP Limited		SUBSIDIARY
TIAA European Farmland Fund GP LP	98-1310748	SUBSIDIARY
TCAS Global Investments LLC	47-1515836	SUBSIDIARY
Nuveen CP Holdings 1 LLC	86-3136043	SUBSIDIARY
Nuveen CP LLC	47-5515604	SUBSIDIARY
Nuveen CP Holdings 2 LLC	86-3147529	SUBSIDIARY
Nuveen CP LLC	47-5515604	SUBSIDIARY
Greenworks Lending LLC	47-3234364	SUBSIDIARY
PACEWell 1 LLC	85-297261	SUBSIDIARY
PACEWell 4 LLC	87-1326451	SUBSIDIARY
PACEWell 5 Depositor LLC	87-3650389	SUBSIDIARY
PACEWell 5 LLC	87-3649944	SUBSIDIARY
PACEWell 6 Depositor LLC	92-0681712	SUBSIDIARY
PACEWell 6 LLC	88-4182935	SUBSIDIARY
PACEWell 7 LLC	86-2404335	SUBSIDIARY
PACEWell 8 Depositor LLC	92-2105847	SUBSIDIARY
PACEWell 8 LLC	92-2080938	SUBSIDIARY
PACE Financial Servicing LLC	46-4998151	SUBSIDIARY
Nuveen CPACE Lending GP LLC		SUBSIDIARY
Nuveen Global Farmland Fund GP, LLC		SUBSIDIARY
Nuveen Global Farmland Fund Lux GP S à r.l.	98-1638974	SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
Nuveen Alternative Holdings, LLC (continued)		
Nuveen Global Impact Fund GP, LLC	84-5180164	SUBSIDIARY
Nuveen Global Impact Fund Lux GP S à r.l.		SUBSIDIARY
Nuveen International Holdings LLC	43-3589142	SUBSIDIARY
Nuveen Canada Company		SUBSIDIARY
Nuveen Japan Co., Limited		SUBSIDIARY
Nuveen Korea Co., Ltd.		SUBSIDIARY
TGAM Subsidiary HC LLC	81-43449631	SUBSIDIARY
TGAM APAC LLC	81-4290269	SUBSIDIARY
TGAM HK HC LLC	81-4323796	SUBSIDIARY
Nuveen Hong Kong Limited		SUBSIDIARY
TGAM Asia LLC	81-4306975	SUBSIDIARY
TGAM HK HK LLC	81-4323796	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 Natural Capital, LLC	87-4688838	SUBSIDIARY
Beaver Investments Holdings, LLC	45-5558395	SUBSIDIARY
GreenWood Resources, Inc.	80-0026976	SUBSIDIARY
GreenWood Resources Capital Management, LLC	45-1875074	SUBSIDIARY
Greenwood Resources Forest Management, LLC	47-4557075	SUBSIDIARY
GreenWood Resources Poland Sp. z o.o.	98-1016335	SUBSIDIARY
GWR Uruguay S.A.		SUBSIDIARY
Greenwood Resources Colombia SAS		SUBSIDIARY
NNO NGTF, LLC		SUBSIDIARY
Westchester Group Investment Management Holding Company, Inc.	27-3416812	SUBSIDIARY
Westchester Group Investment Management, Inc.	27-3417683	SUBSIDIARY
Nuveen Natural Capital Limited		SUBSIDIARY
Westchester Group SRL		SUBSIDIARY
Westchester Group of Poland Sp. Z.o.o.		SUBSIDIARY
Westchester Group SRL		SUBSIDIARY
Plata Wine Partners, LLC	87-0735518	SUBSIDIARY
The Plata Wine Partners Trust	87-658484	SUBSIDIARY
Terra Land Co.	37-1261935	SUBSIDIARY
Westchester Group Farm Management, Inc.	37-1193973	SUBSIDIARY
Westchester Group of Australia Pty Ltd.		SUBSIDIARY
Westchester Group Investment Sub		SUBSIDIARY
Westchester Group Real Estate, Inc.	37-1194491	SUBSIDIARY
Westchester Investment LLC		SUBSIDIARY
Westchester Group South America Gestao de Investimentos Ltda.		SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
Nuveen Alternative Holdings, LLC (continued)		
Nuveen Private Capital LLC		SUBSIDIARY
Arcmont Asset Management Holdco Ltd.		SUBSIDIARY
Arcomt Asset Management LLC	86-2719001	SUBSIDIARY
Churchill Asset Management LLC	47-3156644	SUBSIDIARY
CAM HR Resources LLC	36-4851864	SUBSIDIARY
CNV Investor GP, LLC		SUBSIDIARY
Churchill Agency Services LLC	82-3187734	SUBSIDIARY
Churchill CAD GP General Partner, LLC	98-1694147	SUBSIDIARY
Churchill CAD GP, L.P.		SUBSIDIARY
Churchill CAD GP Limited Partner, LLC		SUBSIDIARY
Churchill Co-Investment Partners GP, LLC		SUBSIDIARY
Churchill Feeder Fund GP II S.a.r.l.		SUBSIDIARY
Churchill Fund GP II LLC	83-1177850	SUBSIDIARY
Churchill Junior Capital Opportunities Fund II Carry-Co, LLC		SUBSIDIARY
Churchill Junior Capital Opportunities Fund II GP, LLC		SUBSIDIARY
Churchill Junior Capital Opportunities Fund II GP Sarl		SUBSIDIARY
Churchill MMSLF Special GP LLC	85-3272173	SUBSIDIARY
Churchill Secondary Partners GP, LLC		SUBSIDIARY
Churchill Fund GP II Sarl	98-1449979	SUBSIDIARY
Churchill Special Member LLC	82-0735838	SUBSIDIARY
Churchill Warehouse LLC	82-3784145	SUBSIDIARY
CMC Funding GP LLC	87-2329839	SUBSIDIARY
Nuveen Churchill Administration LLC		SUBSIDIARY
Senior MPD Fund GP LLC	88-1339633	SUBSIDIARY
TGAM Churchill Fund GP LLC	81-1817732	SUBSIDIARY
Nuveen Real Estate Global LLC	81-4262460	SUBSIDIARY
NRE CMCo LLC	92-2846553	SUBSIDIARY
NRE DevCo LLC	92-2847109	SUBSIDIARY
NRE MainCo LLC	92-2847517	SUBSIDIARY
NRE NewCo LLC	92-0783544	SUBSIDIARY
NRE SafetyCo LLC	92-2886561	SUBSIDIARY
Nuveen Global Investments LLC	26-2748698	SUBSIDIARY
Nuveen GP Holding Company LLC	82-2986445	SUBSIDIARY
Nuveen Casa Bonita SMA GP LLC	88-4085231	SUBSIDIARY
Nuveen CRED GP Member LLC	82-4598778	SUBSIDIARY
CRED GP LLC	82-3751720	SUBSIDIARY
CRED Rated Feeder GP LLC	85-2413081	SUBSIDIARY
Nuveen Real Estate U.S. Strategic Alternatives Fund I GP LLC	86-1561520	SUBSIDIARY
Nuveen Real Estate U.S. Impact Housing Fund GP, LLC	88-1469500	SUBSIDIARY
Nuveen Real Estate U.S. Strategic Lab Vehicle GP LLC	88-1444180	SUBSIDIARY
Nuveen Real Estate U.S. Strategic Lab Vehicle LP	88-1443255	SUBSIDIARY
Nuveen Real Estate U.S. Strategic Lab Vehicle REIT LP	88-2640357	SUBSIDIARY
Nuveen Real Estate U.S. Strategic Lab Vehicle REIT LLC	88-1443830	SUBSIDIARY
Nuveen Real Estate U.S. Strategic Lab Vehicle REIT Sub LP	87-658484	SUBSIDIARY
Nuveen Real Estate U.S. Strategic Lab Vehicle Non-REIT LLC	88-2561353	SUBSIDIARY
U.S. Cities Diversified Fund GP LLC	92-2350426	SUBSIDIARY
U.S. Cities Diversified Fund LP	92-2329690	SUBSIDIARY
U.S. Cities Diversified Fund REIT LLC	92-2330414	SUBSIDIARY
U.S. Cities Diversified Fund Operating LP	92-2350698	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) 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.

(3) 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

(4) Nuveen CP LLC is owned 79.2% by Nuveen CP Holdings 1 LLC and 0.8% by Nuveen CP Holdings 2 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) 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.

SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP
PART 1 - ORGANIZATIONAL CHART

STATEMENT AS OF MARCH 31, 2023 OF THE TIAA-CREF LIFE INSURANCE COMPANY

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

LISTING 2 (NUVEEN FINANCE, LLC):

COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP
Nuveen Alternative Holdings, LLC (continued)			Nuveen Alternative Holdings, LLC (continued)			Nuveen Holdings 1, Inc.	81-3425820	SUBSIDIARY
Nuveen Real Estate Global LLC (continued)			Nuveen Real Estate Global LLC (continued)			Nuveen Holdings, Inc.	26-0373324	SUBSIDIARY
U.S. Cities Multifamily Fund GP LLC	35-2633108	SUBSIDIARY	Enhanced Debt Carry (GP) S.&.r.l		SUBSIDIARY	Nuveen Investments, Inc.	36-3817266	SUBSIDIARY
U.S. Cities Retail Fund GP LLC	82-4054235	SUBSIDIARY	ERES APAC II (GP) S.&.r.l		SUBSIDIARY	Gresham Asset Management LLC	26-0627593	SUBSIDIARY
U.S. Cities Workplace Fund GP LLC		SUBSIDIARY	ERES Europe II (GP) S.&.r.l		SUBSIDIARY	Gresham Investment Management LLC	20-1930384	SUBSIDIARY
U.S. Single-Family Rental Fund I GP LLC	88-0587813	SUBSIDIARY	European Cities Partnership (GP) S.&.r.l		SUBSIDIARY	Gresham Investment Management Asia Pte. Ltd.		SUBSIDIARY
U.S. Single-Family Rental Fund I LP	88-0582227	SUBSIDIARY	European Core-Plus Logistics Fund (GP) S.&.r.l		SUBSIDIARY	NIS/R&T, Inc.	36-3293941	SUBSIDIARY
U.S. Single-Family Rental Fund I Holding Company LLC	88-0582051	SUBSIDIARY	European Core Renewable Infrastructure S.&.r.l		SUBSIDIARY	Nuveen Alternative Investments, LLC	36-4839486	SUBSIDIARY
U.S. Strategic Industrial Fund II GP LLC	85-2037572	SUBSIDIARY	Islazul General Partner S.&.r.l		SUBSIDIARY	Nuveen Fund Advisors, LLC	31-0942504	SUBSIDIARY
Nuveen Imajin Holdings Member LLC	85-2857187	SUBSIDIARY	Japan Alternatives Living GP Pte. Ltd.		SUBSIDIARY	Nuveen Asset Management, LLC	27-4357327	SUBSIDIARY
Imajin Homes Holdings, LLC	85-2534232	SUBSIDIARY	Matador LP General Partner Limited		SUBSIDIARY	Nuveen Funds GP I, LLC		SUBSIDIARY
Imajin Services LLC	82-1051997	SUBSIDIARY	NRE Storage Portfolio Limited		SUBSIDIARY	Symphony Alternative Asset Management LLC	83-4025630	SUBSIDIARY
Imajin Asset Manager LLC	85-2545463	SUBSIDIARY	Nugreen Services AB		SUBSIDIARY	Symphony Risk Retention Finance LLC	94-3252504	SUBSIDIARY
NR Sparrow Realty Managing Member I, LLC		SUBSIDIARY	Nuveen Consulting (Shanghai) Co Ltd		SUBSIDIARY	SRR 1 LLC	30-1032009	SUBSIDIARY
SAF Sparrow Realty Managing Member I, LLC	87-1466953	SUBSIDIARY	Nuveen Corporate Secretarial Services Limited		SUBSIDIARY	Nuveen Investments Holdings, Inc.	36-7364377	SUBSIDIARY
Sparrow Realty Investment I Managing Member LLC	85-2603852	SUBSIDIARY	Nuveen (France) SAS		SUBSIDIARY	Nuveen NWQ Holdings, LLC	36-4709028	SUBSIDIARY
Sparrow Realty Investment II Managing Member, LLC		SUBSIDIARY	Nuveen Italy Srl		SUBSIDIARY	NWQ Partners, LLC	30-0892190	SUBSIDIARY
USCMF Sparrow Realty Managing Member I, LLC	87-1174074	SUBSIDIARY	Nuveen Management Austria GmbH		SUBSIDIARY	NWQ Investment Management Company, LLC	47-0875103	SUBSIDIARY
Nuveen MyPlace Holdings Member LLC	92-1280325	SUBSIDIARY	Nuveen Management Finland Oy		SUBSIDIARY	Nuveen WCM Holdings, LLC	37-1695518	SUBSIDIARY
Nuveen Permian Investor Asset Manager Member LLC	81-5468713	SUBSIDIARY	Nuveen Operations Limited		SUBSIDIARY	Winslow Capital Management, LLC	90-0860898	SUBSIDIARY
Permian Investor Asset Manager LLC	82-0631410	SUBSIDIARY	Nuveen Australia Ltd.		SUBSIDIARY	Growth Capital GP I, LLC	81-0730906	SUBSIDIARY
Nuveen Permian Investor GP Member LLC	82-0607358	SUBSIDIARY	Nuveen Real Estate Debt Partners (GP) Sarl		SUBSIDIARY	Nuveen Securities, LLC	36-2639476	SUBSIDIARY
Nuveen Real Estate Global Cities Advisors LLC	82-3426937	SUBSIDIARY	Nuveen Real Estate Debt Partners II (GP) S.&.r.l		SUBSIDIARY	Teachers Advisors, LLC	13-3760073	SUBSIDIARY
Nuveen Development Management Services LLC	84-2502695	SUBSIDIARY	Global Real Estate Debt Partners – Fund II (UK) SCSp		AFFILIATE (13)	Colinvest Member LLC	82-1157427	SUBSIDIARY
TIAA International Holdings 1 Limited	46-1162850	SUBSIDIARY	Nuveen Real Estate Debt Partners III (GP) S.&.r.l		SUBSIDIARY	Nuveen TALF Opportunity GP, LLC		SUBSIDIARY
Clean Energy Partners HoldCo LLP		SUBSIDIARY (11)	Nuveen Switzerland GmbH		SUBSIDIARY			
Nuveen Investment Management Holdings Limited	98-1125673	SUBSIDIARY (12)	Nuveen Singapore Private Limited		SUBSIDIARY			
TIAA International Holdings 2 Limited	46-1163394	SUBSIDIARY	OMP (GP) Limited		SUBSIDIARY			
Clean Energy Partners HoldCo LLP		SUBSIDIARY (11)	T-C Lux Investments GP S.&.r.l		SUBSIDIARY			
Clean Energy Partners LLP		SUBSIDIARY	Tokyo Multifamily GP PTE Ltd		SUBSIDIARY			
Glennmont Asset Management Limited		SUBSIDIARY	UK OM (LP1) (GP) Limited		SUBSIDIARY			
Clean Energy Partners CEP 2012 Limited		SUBSIDIARY	UK OM (LP1) Limited		SUBSIDIARY			
Glennmont Partners I Limited		SUBSIDIARY	UK OM (LP2) (GP) Limited		SUBSIDIARY			
Clean Energy Partners CEP Services Limited		SUBSIDIARY	UK OM (LP2) Limited		SUBSIDIARY			
Glennmont Partners III S.&.r.l		SUBSIDIARY	UK OM (LP3) (GP) Limited		SUBSIDIARY			
Glennmont Partners IV S.&.r.l		SUBSIDIARY	UK OM (LP3) Limited		SUBSIDIARY			
Glennmont REBS Europe S.&.r.l		SUBSIDIARY	Nuveen Real Estate NYC Property Fund GP Member LLC	82-4266474	SUBSIDIARY			
Nuveen Energy Transition European Fund II GP S.&.r.l		SUBSIDIARY	New York City Property Fund GP LLC	82-4213248	SUBSIDIARY			
TIAA International Holdings 3 Limited		SUBSIDIARY						
Nuveen Investment Management Holdings Limited	98-1125673	SUBSIDIARY (12)	Casa Partners VI GP, LLC	30-0794692	SUBSIDIARY			
Nuveen Administration Ltd	98-1127648	SUBSIDIARY	CASA Partners VII GP, LLC	47-5190671	SUBSIDIARY			
Nuveen Europe Holdings Limited	98-1128805	SUBSIDIARY	CASA Partners IX GP, LLC	86-1845840	SUBSIDIARY			
Henderson European Retail Property Fund Management Sarl		SUBSIDIARY	Global Investors GP, L.L.C.	36-4477806	SUBSIDIARY			
Nuveen Alternatives Europe S.&.r.l		SUBSIDIARY	Global Investors GP II, L.L.C.	20-2537749	SUBSIDIARY			
Nuveen Asset Management Europe S.&.r.l		SUBSIDIARY	Global Investors GP IV, L.L.C.	20-3070768	SUBSIDIARY			
Nuveen Fund Management (Jersey) Limited		SUBSIDIARY	TCAM DOF GP, LLC	26-3561391	SUBSIDIARY			
Nuveen Management AIFM Limited		SUBSIDIARY	TCGA BT AIV, LLC	46-5367344	SUBSIDIARY			
Nuveen Management Company (Luxembourg) No 1 S.&.r.l		SUBSIDIARY	TCGA Investor Fund GP, LLC	45-5139523	SUBSIDIARY			
Nuveen Property Management (Jersey) Limited		SUBSIDIARY	TCGA II Investor Fund GP, LLC	47-3511076	SUBSIDIARY			
Nuveen FCACO Ltd	98-1128787	SUBSIDIARY						
Nuveen Investment Management International Limited		SUBSIDIARY	TIAA Global Ag Special Member LLC	45-1532009	SUBSIDIARY			
Nuveen Group Holdings Ltd	98-1127632	SUBSIDIARY	TIAA Global Ag II Special Member LLC	81-1749609	SUBSIDIARY			
Anglo-Sino Henderson Investment Consultancy (Beijing) Co Limited		SUBSIDIARY	T-C U.S. Super Regional M	47-3126069	SUBSIDIARY			
CLOF I (GP) Limited		SUBSIDIARY	U.S. Cities Industrial Fund GP LLC	36-4922991	SUBSIDIARY			
CLOF II Vanquish Limited		SUBSIDIARY						

(11) Clean Energy Partners HoldCo LLP is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA International Holdings 2, Ltd. and 1% owned by TIAA International Holdings 1, Ltd.

(12) Nuveen Investment Management Holdings 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.

(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.&.r.l.

SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP
PART 1 - ORGANIZATIONAL CHART

STATEMENT AS OF MARCH 31, 2023 OF THE TIAA-CREF LIFE INSURANCE COMPANY

LISTING 3:

COMPANY	FEIN	RELATIONSHIP
485 Properties, LLC	13-3987258	SUBSIDIARY
730 Data Centers, LLC	81-3091169	SUBSIDIARY
730 Databridge, LLC	81-3106043	SUBSIDIARY
Rocket 730 Data Bridge, LLC		SUBSIDIARY
730 Fiber, LLC		SUBSIDIARY
Arcadian Infracom 1, LLC	85-2250697	SUBSIDIARY
730 Lighting, LLC	92-0957956	SUBSIDIARY
730 Power Development, LLC	47-2616735	SUBSIDIARY
730 Carroll, LLC	47-2622825	SUBSIDIARY
730 Cricket, LLC		SUBSIDIARY
730 Rail LLC		SUBSIDIARY
730 Chtrail LLC		SUBSIDIARY
730 Telecom LLC	47-5363027	SUBSIDIARY
730 Transmission, LLC		SUBSIDIARY
730 Hotspur, LLC		SUBSIDIARY
730 Texas Forest Holdings, Inc.	13-4042885	SUBSIDIARY
730 Texas Timberlands II, Ltd.	51-0494351	SUBSIDIARY
730 Texas Timberlands, Ltd.	13-4042888	SUBSIDIARY
730 Texas Timberlands II, Ltd.	51-0494351	SUBSIDIARY
TIAA Timberlands I, LLC	13-4040842	SUBSIDIARY
730 Texas Timberlands, Ltd.	13-4042888	SUBSIDIARY
TIAA Timberlands II, LLC	13-4085431	SUBSIDIARY
Actoil, LLC	38-3847245	SUBSIDIARY
Actoil Colorado, LLC	46-3373066	SUBSIDIARY
Broadleaf Timberland Investments, LLC	46-1952974	SUBSIDIARY
Quercus Forestland Account, LLC	26-4647417	SUBSIDIARY
Quercus Algoma Corporation		SUBSIDIARY
Quercus Algoma Land Corporation		SUBSIDIARY
Quercus West Virginia, LLC	46-2916514	SUBSIDIARY
Casa Student Housing Fund Holdings, LLC	47-2167228	SUBSIDIARY
PEP-TH CASA Student Housing, LLC	47-4455610	SUBSIDIARY
CSHF-PEP Purdue LLC	47-4455303	SUBSIDIARY
CSHF-PEP USF LLC	30-0965548	SUBSIDIARY
Ceres Agricultural Properties, LLC	56-2672630	SUBSIDIARY
Premiere Agricultural Properties, LLC	37-1555322	SUBSIDIARY
Loma del Rio Vineyards, LLC	80-0843991	SUBSIDIARY
Premiere Columbia Properties, LLC	36-4620107	SUBSIDIARY
Premiere Farm Properties, LLC	30-0449681	SUBSIDIARY
Demeter Agricultural Properties II, LLC	98-3481718	SUBSIDIARY
International Agricultural Investors, LLC	26-0352203	SUBSIDIARY
IAI Australia Pty., Ltd.		SUBSIDIARY
IAI Australia Trust		SUBSIDIARY
IAI USA, LLC	26-0460488	SUBSIDIARY
International Agricultural Investors Fund II, LLC	26-2745365	SUBSIDIARY
IAI Australia Fund I, LP		SUBSIDIARY
IAI Australia Fund II Trust		SUBSIDIARY
IAI USA Fund II, LLC	26-2747755	SUBSIDIARY
Churchill Junior Capital Opportunities Fund II, LP	85-4120472	SUBSIDIARY
Churchill Middle Market CLO IV Ltd.	98-1402136	SUBSIDIARY
Churchill Middle Market Senior Loan Fund III, LP	84-5024809	SUBSIDIARY
Churchill Middle Market Senior Loan Fund, LP	81-1810508	SUBSIDIARY
Churchill MM Warehouse LLC		SUBSIDIARY
Distressed Opportunities Fund, L.P.	26-3561447	SUBSIDIARY
DWM Inclusive Finance Equity Fund I	98-0505979	AFFILIATE
DWM Microfinance Equity Fund I	98-0580879	AFFILIATE

COMPANY	FEIN	RELATIONSHIP
CPF/UIR JV Member LLC	81-2914954	SUBSIDIARY
CPF/UIR Joint Venture LLC	81-2928112	SUBSIDIARY
CPF 636 Sixth Avenue LLC	81-2955427	SUBSIDIARY
CPF 856 Market Street LLC	81-2982118	SUBSIDIARY
CPF 1511 Third Avenue LLC	81-2973332	SUBSIDIARY
T-C 1608 Chestnut General Partner LLC	47-3357982	SUBSIDIARY
1608 Chestnut Partners LP	23-3049052	SUBSIDIARY
T-C 1608 Chestnut Limited Partner LLC	47-3337561	SUBSIDIARY
1608 Chestnut Partners LP	23-3049052	SUBSIDIARY
Demeter Agricultural Properties, LLC	26-3049305	SUBSIDIARY
Dionysus Properties, LLC	45-2632248	SUBSIDIARY
Silverado Premium Properties, LLC	94-3306131	SUBSIDIARY
Arroya Loma, LLC	68-0436609	SUBSIDIARY
Chalk Ridge Vineyard, LLC	75-3025596	SUBSIDIARY
Hobson Avenue Vineyard, LLC	20-3964695	SUBSIDIARY
Marsino Vineyard, LLC	26-1542713	SUBSIDIARY
Silverado Los Alamos Vineyards, LLC	20-2103733	SUBSIDIARY
Mesa Del Rio Vineyard, LLC	85-1933477	SUBSIDIARY
Silverado SLO Vineyards, LLC	20-2490906	SUBSIDIARY
Silverado Sonoma Vineyard, LLC	20-2103788	SUBSIDIARY
SPP Napa Vineyards, LLC	68-0466083	SUBSIDIARY
Stanly Ranch Vineyards, LLC	94-3361818	SUBSIDIARY
Suscol Mountain Vineyards, LLC	26-3774024	SUBSIDIARY
Terra Ventosa Vineyards, LLC	26-2766605	SUBSIDIARY
Silverado Winegrowers Holdings, LLC	43-3997217	SUBSIDIARY
Silverado Winegrowers LLC	68-0443927	SUBSIDIARY
Alta Loma Vineyard, LLC	94-3357571	SUBSIDIARY
Silverado Suscol, LLC	91-1806950	SUBSIDIARY
SWG Paso Vineyard, LLC	45-4820104	SUBSIDIARY
EPP LFG I, LLC	30-0701953	AFFILIATE
Global Real Estate Debt Partners – Fund I (UK) SCSp		SUBSIDIARY
Global Real Estate Debt Partners – Fund II (UK) SCSp		AFFILIATE
Global Real Estate Debt Partners – Fund III (UK) SCSp		AFFILIATE
GreshamQuant Systematic Fixed Income Fund		SUBSIDIARY
Growth Capital Fund I, L.P.	81-0737062	SUBSIDIARY
Inception GP LLC		SUBSIDIARY
Infra Alpha, LLC	27-4149157	SUBSIDIARY
L.A. Teak Holdings, LLC	85-4309290	SUBSIDIARY
Apical Retirement S.A.		SUBSIDIARY
Quercus Panama, LLC		SUBSIDIARY
Landed Educator Retention Fund, LP	84-2323824	AFFILIATE
Lewis & Clark Timberlands, LP	47-4169877	SUBSIDIARY
L&C Log Co, LLC	47-4187541	SUBSIDIARY
L&C Tree Farms, LLC	47-4196668	SUBSIDIARY
L&C Timberlands, LLC	47-4302298	SUBSIDIARY
MM Funding, LLC	13-1624203	SUBSIDIARY
MyVest Corporation	47-0902011	SUBSIDIARY
NGFF Holdco, LLC	84-2320652	SUBSIDIARY
Nuveen Global Farmland Fund, LP	84-1895540	SUBSIDIARY
NGFF FFI, LLC	85-3631808	SUBSIDIARY
US Row Farmstead, LLC	84-1857338	SUBSIDIARY
US Viticulture Farmland, LLC	84-1880235	SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
Mansilla Participacoes LTDA		SUBSIDIARY
Radar Propriedades Agricolas S.A.		SUBSIDIARY
Nova Amaralina Propriedades Agricolas S.A		SUBSIDIARY
Nova Agricola S.A.		SUBSIDIARY
Nova Santa Barbara Agricola S.A.		SUBSIDIARY
Terras da Ponte Alta S.A.		SUBSIDIARY
Radar II Propriedades Agricolas S.A.		AFFILIATE
Bioinvestments Negocios e Participacoes		AFFILIATE
Castanheira Propriedades Agricolas S.A		AFFILIATE
Manacá Propriedades Agricolas S.A		AFFILIATE
Paineira Propriedades Agricolas S.A		AFFILIATE
Proud Participacoes S.A.		AFFILIATE
Radar Propriedades Agricolas S.A.		AFFILIATE
Vale De Ponte Alta S.A.		AFFILIATE
New York City Property Fund II LP	82-4183425	SUBSIDIARY
15 Laight Street Holdings LLC	87-4474636	SUBSIDIARY
15 Laight Street Lender LLC	87-4553231	SUBSIDIARY
Cory Road REIT LLC	87-3846434	SUBSIDIARY
Cory Road Operating LP	87-3847578	SUBSIDIARY
Cory Road Associates LLC	87-3737804	SUBSIDIARY
Cory Road TRS LP	87-4032308	SUBSIDIARY
NYCPF II 94th Street Pooling LP	87-3783569	SUBSIDIARY
309 East 94th Street Holdings LLC		SUBSIDIARY
309 East 94th Street Associates LLC		SUBSIDIARY
New York City Property Fund REIT LLC	83-4678924	SUBSIDIARY
New York City Fund Operating GP LLC	83-4701919	SUBSIDIARY
New York City Property Fund Operating LP	83-4671194	SUBSIDIARY
125 West End Investors LLC	84-3389831	SUBSIDIARY
125 West End Holdings LLC	84-3408615	SUBSIDIARY
125 West End Associates LLC	83-4653622	SUBSIDIARY
125 West Studio Holdings LLC	84-3408615	SUBSIDIARY
Ridge Hill Holdings LLC	88-4309659	SUBSIDIARY
Ridge Hill Associates LLC	36-5014830	SUBSIDIARY
NGTF Holdco, LLC	92-0403836	SUBSIDIARY
NRFC Inception IV, LP	46-2031403	SUBSIDIARY
NRFC Inception V LP	46-2062147	SUBSIDIARY
Nuveen CLO Issuance Fund LP	98-1549843	SUBSIDIARY
Nuveen Global Impact Fund LP	84-5180286	SUBSIDIARY
Nuveen High Yield Municipal Opportunities Fund LP	83-4373399	SUBSIDIARY
Nuveen Municipal Opportunities Fund LP	83-4341275	SUBSIDIARY
Nuveen Real Estate U.S. Impact Housing Fund LP	88-1470999	SUBSIDIARY
Nuveen Real Estate U.S. Impact Housing Fund REIT LLC	88-1539505	SUBSIDIARY
Nuveen Real Estate U.S. Impact Housing Fund Operating GP LLC	88-1470699	SUBSIDIARY
Nuveen Real Estate U.S. Impact Housing Fund Operating LP	88-1472235	SUBSIDIARY
USIF FA Woodside Investor Member LLC	88-3423227	SUBSIDIARY
USIHF GP Holdco Parent LLC	88-4255084	SUBSIDIARY
USIHF GP Holdco LLC	92-0790831	SUBSIDIARY
USIHF GP NYH LLC	92-1469744	SUBSIDIARY
Nuveen Real Estate U.S. Strategic Alternatives Fund I LP	86-1702891	SUBSIDIARY
Nuveen Real Estate U.S. Strategic Industrial Fund I LP	81-2429791	SUBSIDIARY
OCator Agricultural Properties, LLC	26-4759562	SUBSIDIARY
AGR Agricultural Investments, LLC	46-1768669	SUBSIDIARY
Mandala Food Co-Investment Holdings II SPV		SUBSIDIARY
2234328 Alberta ULC	98-1523334	SUBSIDIARY
Polar Star Canadian Oil and Gas Holding, ULC		SUBSIDIARY
Olio's South Vineyard, LLC	85-1933477	SUBSIDIARY
Pinnacle Third Avenue, LP	26-3821015	AFFILIATE
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

(14) 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%.

(15) 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.

(16) 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.

(17) 1608 Chestnut Partners LP is ultimately controlled by TIAA, with 99% owned by T-C 1608 Chestnut Limited Partner LLC and 1% owned by T-C 1608 Chestnut General Partner LLC.

(18) Global Real Estate Debt Partners – Fund I (UK) SCSp is controlled by TIAA, which owns 36.5%. 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.&I.

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

SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP
PART 1 - ORGANIZATIONAL CHART

STATEMENT AS OF MARCH 31, 2023 OF THE TIAA-CREF LIFE INSURANCE COMPANY

LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP
ND Properties, LLC	11-3034756	SUBSIDIARY	ND Properties LLC (continued)			T-C Australia RE Holdings I, LLC	81-2490530	SUBSIDIARY
Norteshopping Retail and Leisure Centre BV		SUBSIDIARY	Cityhold UK Investment S.à r.l.		AFFILIATE	T-C Australia RE Holdings II, LLC	81-2506975	SUBSIDIARY
Norteshopping - Centro Commercial, S.A.		SUBSIDIARY	London Belgrave Unit Trust		AFFILIATE	TIAA Australia Real Estate Trust		SUBSIDIARY
ND Europe S.à r.l.		SUBSIDIARY	New Fetter Lane Unit Trust		AFFILIATE	TIAA New Fetter Lane Unit Trust		SUBSIDIARY
ND Europe Office Holding S.à r.l.		SUBSIDIARY	60 Great Portland Street Unit Trust		AFFILIATE	TGA Miller Street Trust		SUBSIDIARY
Cityhold Nympe S.à r.l.		AFFILIATE	70 St Mary Axe Unit Trust		AFFILIATE	TIAA Melbourne Retail Holding 1 Trust		SUBSIDIARY
Cityhold Propco 11 S.à r.l.		AFFILIATE	London Belgrave Unit Trust		AFFILIATE	TIAA Melbourne Retail Asset 1 Trust		SUBSIDIARY
OVG Cloud S.à r.l.		AFFILIATE	CLOF Victoria Nominee 1 Limited		AFFILIATE	TGA Australia Real Estate Trust 2		SUBSIDIARY
Cityhold Euro S.à r.l.		AFFILIATE	CLOF Victoria Nominee 2 Limited		AFFILIATE	TGA PBSA Hold Trust		SUBSIDIARY
Cityhold Office Partnership S.à r.l.		AFFILIATE	New Fetter Lane Unit Trust		AFFILIATE	TGA PBSA Asset Trust 1		SUBSIDIARY
CHOP OPCI		AFFILIATE	60 Great Portland Street Unit Trust		AFFILIATE	TGA PBSA Asset Trust 2		SUBSIDIARY
Cityhold Iconic Holding SAS	98-1435873	AFFILIATE	SMA Holding S.à r.l.		AFFILIATE	TGA PBSA Asset Trust 3		SUBSIDIARY
Cityhold Iconic Hotel SNC	98-1433967	AFFILIATE	70 St Mary Axe Unit Trust		AFFILIATE	TGA PBSA Asset Trust 5		SUBSIDIARY
Cityhold Iconic Office SCI	98-1433956	AFFILIATE	HV Properties S.à r.l.		AFFILIATE	TGA PBSA Hold Trust 2		SUBSIDIARY
Cityhold Iconic Retail SNC	98-1433960	AFFILIATE	HV Freehold S.à r.l.		AFFILIATE	TGA PBSA Asset Trust 4		SUBSIDIARY
Cityhold Iconic Youth Hostel SNC	98-1433975	AFFILIATE	TIAA Lux 9 S.à r.l.		AFFILIATE	T-C Europe Holding Inc.	47-2363168	SUBSIDIARY
Cityhold EST Investment S.à r.l.		AFFILIATE	SAS Malachite		AFFILIATE	T-C Europe LP	47-2369576	SUBSIDIARY
Cityhold Prinses Cooperatief U.A.		AFFILIATE	SNC Garnet-TIAA		AFFILIATE	T-C Europe LP	47-2369576	SUBSIDIARY
Cityhold Prinses AcquiCo B.V.		AFFILIATE	SNC La Defense		AFFILIATE	T-C Europe S.à r.l.		SUBSIDIARY
Ark Portfolio Owner Prinses B.V.		AFFILIATE	SNC Lazuli		AFFILIATE	Nightingale LuxCo S.à r.l.		SUBSIDIARY
Cityhold Jobbe SAS		AFFILIATE	SNC Peridot		AFFILIATE	T-C Nordics Investment AB		SUBSIDIARY
Cityhold Jobbe SCI		AFFILIATE	T-C Pep Holding S.à r.l.		SUBSIDIARY	T-C Denmark ApS		SUBSIDIARY
Cityhold Nympe S.à r.l.		AFFILIATE	T-C Pep Asset S.à r.l.		SUBSIDIARY	Nordsjællandshusene 2 ApS		SUBSIDIARY
Cityhold Propco 6 S.à r.l.		AFFILIATE	TIAA Lux 11 S.à r.l.		SUBSIDIARY	Nordsjællandshusene 3 ApS		SUBSIDIARY
Cityhold Iconic Hotel OPCI SAS	98-1433939	AFFILIATE	Gropius Passagen Verwaltungs GmbH		SUBSIDIARY	T-C Europe LuxCo 1 S.à r.l.		SUBSIDIARY
Cityhold Iconic Investment S.à r.l.	98-1435880	AFFILIATE	Gropius Passagen GmbH & Co KG		SUBSIDIARY	OBP 2700 Jersey Property Unit Trust		SUBSIDIARY
Cityhold Propco 9 S.à r.l.		AFFILIATE	Gropius S.à r.l.		SUBSIDIARY	T-C Luxembourg Neptune Holdings S.à r.l.		SUBSIDIARY
36 Rue La Fayette SAS		AFFILIATE	Gropius Passagen GmbH & Co KG		SUBSIDIARY	T-C Neptune Holdings S. à r.l.		SUBSIDIARY
SAS Roosevelt		AFFILIATE	TIAA Lux 5 S.à r.l.		SUBSIDIARY	Neptune Property Venture S.à r.l.		SUBSIDIARY
SNC Roosevelt		AFFILIATE	REP Coinvest III TEC, LP		AFFILIATE	Castel Guelfo I SRL		SUBSIDIARY
Roosevelt Participation S.à r.l.		AFFILIATE	Seven30 Insurance (Bermuda) Co. Limited		SUBSIDIARY	Neptune Holding Spain, S.L.		SUBSIDIARY
SNC Roosevelt		AFFILIATE	SHF-33d North Apts, LLC	47-3994280	SUBSIDIARY	Promcat Alternativa, S.L.		SUBSIDIARY
Courselles 70 SAS		AFFILIATE	SHF-Millennium One Apts, LLC	47-4155469	SUBSIDIARY	Neptune Madrid Holdco S.L.		SUBSIDIARY
Cityhold Euro S.à r.l.		AFFILIATE	SHF-The Rocks Apts, LLC	81-2450195	SUBSIDIARY	Neptune Nassica Propco S.L.		SUBSIDIARY
Cityhold Propco 7 S.à r.l.		AFFILIATE	Siguler Gulf Third Avenue, L.P.	03-0543113	SUBSIDIARY	Neptune Getafe Propco S.L.		SUBSIDIARY
Cityhold Propco 10 S.à r.l.		AFFILIATE	Social Infra, LLC		SUBSIDIARY	Neptune Las Rozas Outlet S.L.		SUBSIDIARY
Cityhold Gouden Bocht B.V.		AFFILIATE	Stichting Bewaarder Ziemia Fund		AFFILIATE	Neptune San Sebastian Outlet S.L.		SUBSIDIARY
Cityhold Gouden Bocht Monumenten B.V.		AFFILIATE	T-C 699 Bourke Street LLC	46-4969690	SUBSIDIARY	Neptune Ursus SP, z.o.o.		SUBSIDIARY
Redevelopment Property II B.V.	98-1433980	AFFILIATE	T-C M-T REIT II LLC	81-4583685	SUBSIDIARY	T-C M/V Member LLC		SUBSIDIARY
Cityhold Propco 12 S.à r.l.		AFFILIATE	T-C M-T REIT LLC	81-4599024	SUBSIDIARY	Neptune Annapol SP, z.o.o.		SUBSIDIARY
Cityhold GC Investment S.à r.l.		AFFILIATE	T-C M/V Member II LLC		SUBSIDIARY	Neptune Poznan SP, z.o.o.		SUBSIDIARY
OVG Cloud S.à r.l.		AFFILIATE	T-C MT REIT II LLC	84-3224525	SUBSIDIARY	T-C M/V REIT II LLC		SUBSIDIARY
Cityhold Grand Central Berlin SCS		AFFILIATE	TC MT II Originations TRS LLC	85-2937933	SUBSIDIARY	Roppenheim Holding SAS		SUBSIDIARY
Cityhold Sterling S.à r.l.		AFFILIATE	T-C Permian Investor LLC	82-1023309	SUBSIDIARY	Roppenheim Outlet SNC		SUBSIDIARY
Cityhold UK Holding S.à r.l.		AFFILIATE	T-C SBMC Joint Venture LLC	46-3007720	SUBSIDIARY	T-C SBMC Joint Venture LLC		SUBSIDIARY
Cityhold Belgrave Operational Investment S. à r.l.		AFFILIATE	T-C SMA 2, LLC	36-4620008	SUBSIDIARY	Neptune Amsterdam B.V.		SUBSIDIARY
Cityhold Belgrave Operational Holding S. à r.l.		AFFILIATE	PennMuni-TIAA U.S. Real Estate Fund, LLC	36-4619998	SUBSIDIARY	Neptune Gliwice Sp. z o.o.		SUBSIDIARY
Belgrave House Operational Unit Trust		AFFILIATE	T-C S-T REIT LLC		SUBSIDIARY	T-C SV MBSBICAR		SUBSIDIARY
Belgrave House Operational Trustee 1 Limited		AFFILIATE	T-C The Edge at Flagler Village, LLC	81-2204918	SUBSIDIARY	Roppenheim Outlet SNC		SUBSIDIARY
Belgrave House Operational Trustee 2 Limited		AFFILIATE				Neptune Vicolungo I S.r.l.		SUBSIDIARY

(20) ND Properties LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA and 1% owned by TGA Minority Interest Holdings LLC.

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

(22) OVG Cloud S.à r.l. (OVG) is owned by TIAA via a 25% ownership of Cityhold Propco 11 S.à r.l. (10.1% of OVG) and Cityhold Propco 12 S.à r.l. (89.9% of OVG).

(23) 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.

(24) 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%).

(25) 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%).

(26) 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%).

(27) 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%).

(28) 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%).

(29) 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%.

(30) 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.

(31) 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%).

SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP
PART 1 - ORGANIZATIONAL CHART

STATEMENT AS OF MARCH 31, 2023 OF THE TIAA-CREF LIFE INSURANCE COMPANY

LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP
T-C GA Real Estate Holdings, LLC	45-287772	SUBSIDIARY	T-C GA Real Estate Holdings, LLC (continued)			T-C Waterford Blue Lagoon General Partner, LLC	47-5379777	SUBSIDIARY
8 Spruce Street GA Investor, LLC	46-0959792	SUBSIDIARY	The Flats Holding Company LLC	47-1379500	SUBSIDIARY	Waterford Blue Lagoon LP	47-5392075	SUBSIDIARY
FC 8 Spruce Holdings, LLC	46-1403221	AFFILIATE	The Flats 130 DC Residential LLC	47-1347366	SUBSIDIARY	T-C Waterford Blue Lagoon, LLC	47-5375805	SUBSIDIARY
FC 8 Spruce Street Residential LLC			The Flats 140 DC Residential LLC	47-1363656	SUBSIDIARY	Waterford Blue Lagoon LP	47-1363656	SUBSIDIARY
2300 Broadway Storage Operator LLC	84-2144204	SUBSIDIARY	The Flats DC Grocery LLC	47-1367530	SUBSIDIARY	Westland At Waterford REIT General Partner LLC	81-0779817	SUBSIDIARY
Nuveen Global Cities REIT, Inc.	82-1419222	AFFILIATE	T-C JK I, LLC	46-4567368	SUBSIDIARY	Waterford Blue Lagoon REIT General Partner LLC		SUBSIDIARY
T-C 2 Herald Square Member LLC	47-1535030	SUBSIDIARY	T-C JK II, LLC	46-4587620	SUBSIDIARY	Waterford Blue Lagoon REIT LP	47-5305678	SUBSIDIARY
T-C 2 Herald Square Venture LLC	47-1650509	SUBSIDIARY	T-C Lux Fund Holdings LLC	47-4095803	SUBSIDIARY	5201-5301 Waterford General Partner LLC	47-5642524	SUBSIDIARY
T-C 2 Herald Square Owner LLC	47-1488131	SUBSIDIARY	T-C Lux Investments Special Limited Partnership		SUBSIDIARY	5201-5301 Waterford Operating LP	47-5541032	SUBSIDIARY
T-C 1101 Pennsylvania Avenue LLC	27-2952349	SUBSIDIARY	European Cities Partnership SCSp		AFFILIATE	5200 Waterford General Partner LLC	47-5672651	SUBSIDIARY
T-C 1101 Pennsylvania Avenue Venture LLC	27-2952617	SUBSIDIARY	Global Real Estate Debt Partners – Fund I (UK) SCSp		SUBSIDIARY	5200 Waterford Operating LP	47-5498897	SUBSIDIARY
T-C 1101 Pennsylvania Avenue Owner LLC	27-2952860	SUBSIDIARY	T-C UK RE Holdings I, LLC	81-2676934	SUBSIDIARY	1000 Waterford General Partner LLC	81-0722154	SUBSIDIARY
T-C 33 Arch Street Member, LLC	46-1851206	SUBSIDIARY	T-C UK RE Holdings II, LLC	81-2691474	SUBSIDIARY	1000 Waterford Operating LP	47-5479437	SUBSIDIARY
T-C 33 Arch Street Venture, LLC	46-1805501	SUBSIDIARY	T-C UK RE Holdings III, LLC	81-3299073	SUBSIDIARY	701-703 Waterford General Partner LLC	47-5454045	SUBSIDIARY
T-C 33 Arch Street, LLC	45-2792699	SUBSIDIARY	T-C U.S. Super Regional Mall Fund LP	47-3148337	SUBSIDIARY	701-703 Waterford Operating LP	47-5471474	SUBSIDIARY
T-C 470 Park Avenue South Member LLC	46-1754709	SUBSIDIARY	TEIC Holdings LLC	92-2740334	SUBSIDIARY	Waterford Core REIT General Partner LLC	82-2631273	SUBSIDIARY
T-C 470 Park Avenue South Venture LLC	46-1744112	SUBSIDIARY	TGA 10th Street Business Park LLC	84-3332496	SUBSIDIARY	Waterford Core REIT LP	82-2646233	SUBSIDIARY
T-C 475 Fifth Avenue Member, LLC	46-1828055	SUBSIDIARY	TGA 127-137 Franklin LLC	82-1645257	SUBSIDIARY	Waterford Core 800 REIT General Partner LLC		SUBSIDIARY
T-C 475 Fifth Avenue Venture LLC	46-1839903	SUBSIDIARY	TGA 2160 E 7th Street LLC	92-1884082	SUBSIDIARY	Waterford Core 800 REIT LP	84-3541603	SUBSIDIARY
T-C 475 Fifth Avenue, LLC	45-3229803	SUBSIDIARY	TGA 26600 26700 Aliso Viejo Parkway LLC	87-1739826	SUBSIDIARY	Waterford Core General Partner LLC	81-0733012	SUBSIDIARY
T-C 800 17th Street NW Member LLC	47-2189075	SUBSIDIARY	TGA 299 Franklin LLC	81-2769108	SUBSIDIARY	Waterford Core Operating LP	47-5587163	SUBSIDIARY
T-C 800 17th Street NW Venture LLC	47-2118640	SUBSIDIARY	TGA 3401 North Ashton Blvd LLC	83-2957526	SUBSIDIARY	Waterford Core II Operating LP	82-2663579	SUBSIDIARY
T-C 800 17th Street NW Owner LLC	47-2069910	SUBSIDIARY	TGA 3851 Grandpine Way LLC	82-4830474	SUBSIDIARY	Waterford Core II General Partner LLC	82-2672297	SUBSIDIARY
T-C 888 Brannan Member LLC	47-4665824	SUBSIDIARY	TGA 600 College Road LLC	81-3988795	SUBSIDIARY	TGA Connections at Athens Investor Member LLC	83-0780652	SUBSIDIARY
T-C 888 Brannan Venture LLC	47-4684031	SUBSIDIARY	TGA 801D Operating Member LLC	88-0637658	SUBSIDIARY	PEP-TH Athens, LLC	81-1892161	SUBSIDIARY
T-C 888 Brannan Owner LLC	47-4674147	SUBSIDIARY	TGA 730 Third Avenue Owner LLC	83-2548459	SUBSIDIARY	PEP Athens, LLC	83-1011298	SUBSIDIARY
T-C 888 Brannan TRS, LLC	47-5605380	SUBSIDIARY	TGA 8500 8551 Research Way LLC	87-1740428	SUBSIDIARY	TGA Creekside Village Investor Member LLC	85-1065983	SUBSIDIARY
T-C 2300 Broadway, LLC	45-3479701	SUBSIDIARY	TGA Adairsville DC LLC	88-0634999	SUBSIDIARY	TGA East Coronado Industrial LLC	84-3740496	SUBSIDIARY
T-C Aspira LLC	46-1220681	SUBSIDIARY	TGA APAC Fund Holdings, LLC	82-2225812	SUBSIDIARY	TGA East Miraloma Industrial LLC	84-3740590	SUBSIDIARY
T-C Franklin Square Member, LLC	46-1791581	SUBSIDIARY	Asia Pacific Cities Fund, FCP	98-1429292	SUBSIDIARY	TGA Eastridge Investor Member LLC	87-1762569	SUBSIDIARY
T-C Franklin Square Venture LLC	46-1794486	SUBSIDIARY	TGA APAC RE Holdings Pte. Ltd.		SUBSIDIARY	TGA King EastRidge Venture LLC		SUBSIDIARY
TIAA Franklin Square, LLC	26-0011770	SUBSIDIARY	TGA Real Estate Fund Holdings, LLC	82-2311300	SUBSIDIARY	TGA King EastRidge Owner LLC		SUBSIDIARY
T-C Hall of States Member LLC	47-2023405	SUBSIDIARY	Asia Pacific Cities Fund, FCP	98-1429292	SUBSIDIARY	TGA Emerald Corporate Park LLC	84-3740669	SUBSIDIARY
T-C Hall of States Venture LLC	47-2043468	SUBSIDIARY	TGA ASI Eagles Landing Investor Member LLC	87-4097244	SUBSIDIARY	TGA Englewood DC LLC	84-3502383	SUBSIDIARY
T-C Hall of States Owner LLC	47-2034237	SUBSIDIARY	TGA ASI Mission Trails Investor Member LLC	88-1120507	SUBSIDIARY	TGA Enterprise Park Business Center LLC	85-4076202	SUBSIDIARY
T-C Kings Crossing, LLC	45-4045658	SUBSIDIARY	TGA ASI Monte Vista Investor Member LLC	86-3673676	SUBSIDIARY	TGA FC Investor Member LLC		SUBSIDIARY
T-C Legacy Place Member, LLC	46-1120016	SUBSIDIARY	TGA ASI Riverstone Investor Member LLC	86-2376987	SUBSIDIARY	Fenway Center Holding 1-2, LLC	82-2708488	SUBSIDIARY
Legacy Place Associates, LLC	46-0876833	SUBSIDIARY	TGA ASI Sage Investor Member LLC	87-3063209	SUBSIDIARY	Fenway Center Owner 1-2, LLC	82-2708488	SUBSIDIARY
300 Legacy Place Boulevard LLC			TGA ASI Sierra Vista Investor Member LLC	88-1412069	SUBSIDIARY	TGA Franklin Square IC I LLC	84-3523731	SUBSIDIARY
Legacy Place Properties, LLC	30-0769316	SUBSIDIARY	TGA Auburn Business Park LLC	84-3830265	SUBSIDIARY	TGA Franklin Square IC II LLC	84-3523813	SUBSIDIARY
T-C Republic Square Member LLC	47-2903922	SUBSIDIARY	TGA Aurora DC II LLC	84-3285557	SUBSIDIARY	TGA Freepoint DC LLC	84-3332846	SUBSIDIARY
T-C Republic Square Venture LLC	47-2867784	SUBSIDIARY	TGA Baltimore IC LLC	84-3475931	SUBSIDIARY	TGA GP Holdco Parent LLC	92-0783347	SUBSIDIARY
T-C Republic Square REIT LLC	47-3033681	SUBSIDIARY	TGA Barnes Canyon Life Science LLC	83-1851559	SUBSIDIARY	TGA German Road Apartments LLC	88-4247949	SUBSIDIARY
T-C Republic Square Mezzanine LLC	47-3091198	SUBSIDIARY	TGA Beckwith Farms LLC	84-3303586	SUBSIDIARY	TGA GP Holdco LLC	88-4207931	SUBSIDIARY
TGA Casa White 75 LLC	87-3992388	SUBSIDIARY	TGA Bedford Park LLC	87-2793432	SUBSIDIARY	TGA JL III GP NY LLC	82-1200436	SUBSIDIARY
TGA Forum on Peachtree Investor Member LLC	88-1007987	SUBSIDIARY	TGA Boulder Creek LLC	85-4073425	SUBSIDIARY	TGA GP TX HoldCo	92-2862920	SUBSIDIARY
TGA NAP Forum on Peachtree Owner LLC	88-1007172	SUBSIDIARY	TGA Bridge Point LLC	85-4073222	SUBSIDIARY	TGA Greentowne Logistics Center LLC	84-3740749	SUBSIDIARY
TGA Lonestar Investor Member LLC	88-1913177	SUBSIDIARY	TGA Cactus DC I LLC	84-2393913	SUBSIDIARY	TGA Haines City LLC	92-0668909	SUBSIDIARY
TGA BSL Lonestar JV LLC	88-2029531	SUBSIDIARY	TGA Capital Beltway CC LLC	84-3523623	SUBSIDIARY	TGA Hollins End LLC	84-3475313	SUBSIDIARY
TGA BSL Lonestar Owner LLC	88-1913518	SUBSIDIARY	TGA Center Square DC LLC	84-3487859	SUBSIDIARY	TGA JL Investor Member LLC	84-3718861	SUBSIDIARY
TGA Midway Distribution Center LLC	87-4019549	SUBSIDIARY	TGA Centerpoint Square Member LLC	84-3314029	SUBSIDIARY	TGA JL II Investor Member LLC	84-4376472	SUBSIDIARY
TGANX MOB 5005 McConnell Venture LLC	88-0656194	SUBSIDIARY	TGA Central Square Investor Member LLC	84-4376282	SUBSIDIARY	TGA JL MCF Investor Member LLC	85-1292481	SUBSIDIARY
TGA MOB 5005 McConnell LLC	88-0655748	SUBSIDIARY	TGACSE Central Square Holdings LLC	84-4880676	SUBSIDIARY	TGA JLMCF II Investor Member LLC	87-4248374	SUBSIDIARY
TGA Speedway Distribution Center LLC	88-0655252	SUBSIDIARY	TGACSE Central Square LLC	84-4893448	SUBSIDIARY	TGA Lakes at Indian Creek Investor Member LLC	85-4075985	SUBSIDIARY
			TGACSE Morningside LLC	84-4893383	SUBSIDIARY	TGA Landover DC LLC	84-3523582	SUBSIDIARY
			TGACSE Triangle LLC	84-4924033	SUBSIDIARY	TGA Los Tres Investor Member LLC	87-3398451	SUBSIDIARY

(18) Global Real Estate Debt Partners – Fund I (UK) SCSp is controlled by TIAA, which owns 36.5%. T-C Lux Investments Special Limited Partnership, which is 100% owned by TIAA, owns 24.3%.

(32) Asia Pacific Cities Fund, FCP is owned 12.04% by TGA APAC Fund Holdings, LLC and 12.04% by TGA Real Estate Fund Holdings, LLC

(33) 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%.

STATEMENT AS OF MARCH 31, 2023 OF THE TIAA-CREF LIFE INSURANCE COMPANY

12.6

(36) VIE Student House A GmbH & Co KG is controlled by TIAA, and partially owned indirectly by Eagle Austria Holdings S.a r.l., which owns 94%, and CB Krieau Dzwel GmbH, which owns 6%

SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP
PART 1 - ORGANIZATIONAL CHART

STATEMENT AS OF MARCH 31, 2023 OF THE TIAA-CREF LIFE INSURANCE COMPANY

LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP
TGA SP-MPC Housing Investor Member LLC	83-2063402	SUBSIDIARY	TGA SS Self Storage Portfolio Investor Member LLC	86-1741788	SUBSIDIARY	TIAA CMBS I, LLC	13-4173396	SUBSIDIARY
TGA-SP Housing Venture I LLC	83-2147240	SUBSIDIARY	TGA SS Self Storage Tranche I Venture LP	87-2470916	SUBSIDIARY	TIAA CMBS I Trust	13-4173396	SUBSIDIARY
TGA SP-MPC Housing Venture I LLC	83-2123785	SUBSIDIARY	Newmarket HCG LP		SUBSIDIARY	TIAA Diversified Public Investments, LLC	47-4570655	SUBSIDIARY
MPSP Ashwood Homes LLC	83-1869494	SUBSIDIARY	TGA SS Self Storage Units I LP	83-1681625	SUBSIDIARY	TIAA GBS Holding LLC	81-1241264	SUBSIDIARY
MPSP Bellline Homes LLC	84-2331138	SUBSIDIARY	TGA T1 SC Durbin Park LP		SUBSIDIARY	TIAA GBS Singapore Holding Company Pte. Ltd.		SUBSIDIARY
MPSP Bellline Lender LLC	84-2345909	SUBSIDIARY	TGA T1 SC Millenia LP		SUBSIDIARY	TIAA Global Business Services (India) Private Limited		SUBSIDIARY
MPSP Bellline MHC LLC	84-2216330	SUBSIDIARY	TGA T1 SC San Marco LP		SUBSIDIARY	TIAA Global Ag Holdco LLC	27-5551198	SUBSIDIARY
MPSP Center Grove Homes LLC	83-1088601	SUBSIDIARY	TGA SS Self Storage Portfolio Venture LP	86-1714431	SUBSIDIARY	Global Agriculture AIV (US) LLC	45-5044364	SUBSIDIARY
MPSP Center Grove Lender LLC	83-2290040	SUBSIDIARY	TGA SC Bonita Springs LP	86-1623164	SUBSIDIARY	Global Ag Properties USA LLC	45-1531685	SUBSIDIARY
MPSP Center Grove MHC LLC	83-1076792	SUBSIDIARY	TGA SC Columbus Ford LP	86-1624012	SUBSIDIARY	Loma del Rio Vineyards, LLC	80-0843991	SUBSIDIARY
MPSP Colinas South Homes LLC	84-2158715	SUBSIDIARY	TGA SC Columbus Veterans LP	86-1623724	SUBSIDIARY	Sugarloaf Vineyard, LLC	46-2577906	SUBSIDIARY
MPSP Colinas South Lender LLC	84-2158791	SUBSIDIARY	TGA SC Erie Avenue LP	86-1639097	SUBSIDIARY	Global Agriculture II AIV (US) LLC	47-1083514	SUBSIDIARY
MPSP Colinas South MHC LLC	84-2169896	SUBSIDIARY	TGA SC Gainesville LP	86-1623454	SUBSIDIARY	Global Ag Properties II USA LLC	47-1069783	SUBSIDIARY
MPSP Estancia Homes LLC	84-2169973	SUBSIDIARY	TGA SC Germantown LP	86-1639333	SUBSIDIARY	TIAA-CREF Global Agriculture LLC	27-5551341	SUBSIDIARY
MPSP Estancia Lender LLC	84-2277681	SUBSIDIARY	TGA SC Glenn Heights LP	86-1676901	SUBSIDIARY	Global AG Properties Australia Pty. Ltd.		SUBSIDIARY
MPSP Estancia MHC LLC	84-1976109	SUBSIDIARY	TGA SC Global Indy I LP	86-1638763	SUBSIDIARY	Global AG Properties Australia Trust		SUBSIDIARY
MPSP Fairlane Oaks Homes LLC	83-4260197	SUBSIDIARY	TGA SC Houston LP	86-1677082	SUBSIDIARY	Nova Gaia Brasil Participaco Ltda.		SUBSIDIARY
MPSP Fairlane Oaks Lender LLC	83-4283444	SUBSIDIARY	TGA SC Indianapolis 29th Street LP	86-1638905	SUBSIDIARY	Tellus Brasil Participaco S.A.		SUBSIDIARY
MPSP Fairlane Oaks MHC LLC	83-4241248	SUBSIDIARY	TGA SC Kensington LP	86-1639231	SUBSIDIARY	Terraviva Brasil Participaco Ltda.		SUBSIDIARY
MPSP Lakeview Homes LLC	84-2290488	SUBSIDIARY	TGA SC Lancaster LP	86-1676331	SUBSIDIARY	Tellus Brasil Participaco S.A.		SUBSIDIARY
MPSP Lakeview Lender LLC	84-2319726	SUBSIDIARY	TGA The Warehouse At Ch II Investor Member LLC	86-1749539	SUBSIDIARY	Agrobio Investimentos e Participações S.A.		SUBSIDIARY
MPSP Lakeview MHC LLC	84-2199063	SUBSIDIARY	TGAP The Warehouse at CH II LLC	86-1548653	SUBSIDIARY	Cerpon Participações S.A.		SUBSIDIARY
MPSP Lemon Tree Homes LLC	83-1213262	SUBSIDIARY	TGAP The Warehouse at CH II Owner LLC	86-1548790	SUBSIDIARY	Nova Ibiajara Propriedades Agrícolas S.A.		SUBSIDIARY
MPSP Lemon Tree MHC LLC	83-2548459	SUBSIDIARY	TGA The Yield Investor Member LLC	87-4300717	SUBSIDIARY	Tellus Bahia Propriedades Agrícolas Ltda.		SUBSIDIARY
MPSP Mobile Gardens Homes LLC	83-1230821	SUBSIDIARY	CC TGA The Yield Venture, LLC	87-3975391	SUBSIDIARY	Terra do Sol Propriedades Agrícolas S.A.		SUBSIDIARY
MPSP Mobile Gardens MHC LLC	83-1230714	SUBSIDIARY	CC TGA The Yield, LLC	87-3912682	SUBSIDIARY	Terrainvest Propriedades Agrícolas S.A.		SUBSIDIARY
MPSP Parker Homes LLC	84-2379528	SUBSIDIARY	TGA TMO IN Portfolio Investor Member LLC	88-1150650	SUBSIDIARY	Tparone Participações S.A.		SUBSIDIARY
MPSP Parker Lender LLC	84-2389423	SUBSIDIARY	TGA Tri-State Commerce Center LLC	84-3759437	SUBSIDIARY	Toperone Agricola S.A.		SUBSIDIARY
MPSP Parker MHC LLC	84-2247177	SUBSIDIARY	TGA Twelve100 Apartments LLC	85-3917654	SUBSIDIARY	Tpartwo Participações S.A.		SUBSIDIARY
MPSP Seven Oaks Homes LLC	84-2277774	SUBSIDIARY	TGA UMH Properties Investor Member LLC	87-3982892	SUBSIDIARY	Topertwo Agricola S.A.		SUBSIDIARY
MPSP Seven Oaks Lender LLC	84-2290439	SUBSIDIARY	TGA UMH Venture Tranche 1 LLC		SUBSIDIARY	TIAA-CREF Global Agriculture BR, LLC	45-1502187	SUBSIDIARY
MPSP Seven Oaks MHC LLC	84-2198856	SUBSIDIARY	Sebring Square MHC TGA, LLC		SUBSIDIARY	Nova Gaia Brasil Participaco Ltda.		SUBSIDIARY
MPSP Shloh Homes LLC	83-2700633	SUBSIDIARY	TGA University Trails Investor Member LLC	87-4552535	SUBSIDIARY	Terraviva Brasil Participaco Ltda.		SUBSIDIARY
MPSP Shloh Lender LLC	83-2725391	SUBSIDIARY	TGAP University Trails LLC	87-4257683	SUBSIDIARY	TIAA-CREF Global Agriculture II LLC	47-0974399	SUBSIDIARY
MPSP Shloh MHC LLC	83-2700544	SUBSIDIARY	TGAP University Trails Owner LLC	87-4257544	SUBSIDIARY	TIAA-CREF Global Agriculture II BR, LLC	47-1062423	SUBSIDIARY
MPSP South Concho Homes LLC	84-2428644	SUBSIDIARY	TGA Van Dorens West LLC	84-3830895	SUBSIDIARY	TIAA Global Public Investments, LLC	26-3594208	SUBSIDIARY
MPSP South Concho Lender LLC	84-2436652	SUBSIDIARY	TGA Vista Point South LLC	84-3441798	SUBSIDIARY	TIAA GTR Holdco, LLC	46-3881813	SUBSIDIARY
MPSP Stonegate Homes LLC	83-2736822	SUBSIDIARY	TGA Washington DC CC LLC	84-3527380	SUBSIDIARY	Global Timber Resources LLC	46-3210500	SUBSIDIARY
MPSP Stonegate Lender LLC	83-2736936	SUBSIDIARY	TGANX MOB Aurora LLC	92-1382352	SUBSIDIARY	Global Timber SA LLC	46-390387	SUBSIDIARY
MPSP Stonegate MHC LLC	83-2726560	SUBSIDIARY	TGANX MOB Wheat Ridge LLC	92-1383692	SUBSIDIARY	Forestal GTR Chile Limitada		SUBSIDIARY
MPSP TC GH Homes LLC	84-2319873	SUBSIDIARY	TGA Yorktown Apartments LLC	83-0723201	SUBSIDIARY	Global Timber International LLC	46-3899490	SUBSIDIARY
MPSP TC GH Lender LLC	84-2331064	SUBSIDIARY	TGAM Agribusiness Fund LP	81-1994278	SUBSIDIARY	Forestal Monterrey Colombia SAS	98-1206384	SUBSIDIARY
MPSP TC GH MHC LLC	84-2361566	SUBSIDIARY	TGA-MJC MHC LLC	87-3750360	SUBSIDIARY	Global Timber Resources Colombia, S.A.S.		SUBSIDIARY
MPSP TC Sherman Homes LLC	84-2389479	SUBSIDIARY	TGA-MJC Van Allen LLC	87-3750414	SUBSIDIARY	TGA-MJC Palladii LLC	87-3750130	SUBSIDIARY
MPSP TC Sherman Lender LLC	84-2428588	SUBSIDIARY	TIAA Administrative Services LLC	82-2826183	SUBSIDIARY	Monte Fresnos, S.A.		SUBSIDIARY
MPSP Wildwood Acres Homes LLC	84-2345969	SUBSIDIARY	TIAA CLO I LLC		SUBSIDIARY	Taurion Asociacion Agraria de Responsabilidad LTDA		SUBSIDIARY
MPSP Wildwood Acres Lender LLC	84-2361787	SUBSIDIARY	TIAA CLO I Holding, LLC	84-1905731	SUBSIDIARY	TIAA CLO I Ltd		SUBSIDIARY
MPSP Wildwood Village Homes LLC	84-2361842	SUBSIDIARY	TIAA CLO II LLC		SUBSIDIARY	GT Europe Cooperative U.A.		SUBSIDIARY
MPSP Wildwood Village Lender LLC	84-2379481	SUBSIDIARY	TIAA CLO II Holding, LLC		SUBSIDIARY	Global Timber NL, B.V.		SUBSIDIARY
MPSP Windsong Homes LLC	83-2848324	SUBSIDIARY	TIAA CLO III LLC		SUBSIDIARY	TIAA CLO II Ltd		SUBSIDIARY
MPSP Windsong Lender LLC	83-2848439	SUBSIDIARY	TIAA CLO IV Ltd.		SUBSIDIARY	Brasildwood Reforestamento S.A.		SUBSIDIARY
MPSP Windsong MHC LLC	83-2861026	SUBSIDIARY				Brasildwood Terras Florestais S.A.		SUBSIDIARY

(16) 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.

(37) 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.

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

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

SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP
PART 1 - ORGANIZATIONAL CHART
STATEMENT AS OF MARCH 31, 2023 OF THE TIAA-CREF LIFE INSURANCE COMPANY

LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP
TIAA FSB Holdings, Inc.	90-0615674	SUBSIDIARY	TIAA-CREF LPHC, LLC	20-8384004	SUBSIDIARY
Everbank Funding, LLC	37-1718179	SUBSIDIARY	TIAA-CREF Real Property Fund GP, LLC	46-1191235	SUBSIDIARY
TIAA, FSB	59-3531592	SUBSIDIARY	TIAA-CREF Redwood, LLC	20-5591124	SUBSIDIARY
AMC Holding, Inc.	59-3547521	SUBSIDIARY	TIAA Kapsick, LLC	20-5631854	SUBSIDIARY
Customerone Financial Network, Inc.	43-1823879	SUBSIDIARY	TIAA-CREF Tuition Financing, Inc.	13-4026557	SUBSIDIARY
Business Property Lending, Inc.	36-1208070	SUBSIDIARY	UK PPP Investments, LP		SUBSIDIARY
TIAA Commercial Finance, Inc.	20-0716627	SUBSIDIARY	Wigg (Holdings) Limited		SUBSIDIARY
TIAA Infrastructure Investments, LLC	45-3479281	SUBSIDIARY	Wigg Investments Limited		SUBSIDIARY
730 Darwin Holdings LLC	87-3292924	SUBSIDIARY	Merseylink (Holdings) Limited		AFFILIATE
Glennmont Clean Energy Fund IV A SCSP		SUBSIDIARY	Merseylink (Finance) Limited		AFFILIATE
730 Parking LLC	81-5307354	SUBSIDIARY	Merseylink Limited		AFFILIATE
730 Interpark, LLC	81-5302296	SUBSIDIARY	Merseylink (Issuer) plc		AFFILIATE
A-30 Canadian Transport Inc.		SUBSIDIARY	Union Property Operations NRE III LLC	87-1101091	SUBSIDIARY
1867 Infrastructure Holdings Inc.		SUBSIDIARY	U.S. Cities Industrial Fund LP	36-4932527	AFFILIATE
Holding 1867 NA30 Inc.		SUBSIDIARY	U.S. Cities Multifamily Fund LP	30-1108455	AFFILIATE
1595 Toll Road, LLC	38-3857916	SUBSIDIARY	U.S. Cities Workplace Fund LP	38-4104483	SUBSIDIARY
North American Sustainable Energy Fund, L.P.	46-5279686	SUBSIDIARY	U.S. Cities Office Fund REIT LLC	61-1914684	SUBSIDIARY
Energy Power Investment Company, LLC		SUBSIDIARY	U.S. Cities Workplace Fund Operating GP LLC		SUBSIDIARY
EPP Renewable Energy, LLC		SUBSIDIARY	U.S. Cities Workplace Fund Operating LP	36-4919858	SUBSIDIARY
North American Sustainable Energy GP, LLC		SUBSIDIARY	USCOF 5500 Jefferson LLC	87-4526709	SUBSIDIARY
North American Sustainable Energy Manager, LLC		SUBSIDIARY	USCOF Maryland Farms Holdings LLC	84-4773752	SUBSIDIARY
TIAA NBS, LLC	88-4376843	SUBSIDIARY	U.S. Cities Office Fund Maryland Farms Co-Invest	84-4775239	SUBSIDIARY
TIAA Oil and Gas Investments, LLC	45-2665869	SUBSIDIARY	VRE-NRE Maryland Farms Venture	84-4775394	SUBSIDIARY
Actgas, LLC	45-1286237	SUBSIDIARY	USCOF Mobius Operating Member LLC	87-1365205	SUBSIDIARY
Actoil Bakken, LLC	46-3410649	SUBSIDIARY	USCOF Optical Court LLC	85-3371600	SUBSIDIARY
Actoil Utica, LLC	46-3628993	SUBSIDIARY	U.S. Cities Retail Fund LP	82-3970010	SUBSIDIARY
TIAA Realty, LLC	11-3519531	SUBSIDIARY	U.S. Cities Retail Fund REIT LLC	82-4016503	SUBSIDIARY
T-C 77 Central LLC	81-0902394	SUBSIDIARY	U.S. Cities Retail Fund Operating GP LLC	82-4069923	SUBSIDIARY
T-C 680 Belleville LLC	47-2249307	SUBSIDIARY	U.S. Cities Retail Fund Operating LP	82-4037905	SUBSIDIARY
T-C Port Northwest Development, LLC	46-2678242	SUBSIDIARY	T-C 919 N. Michigan Avenue Retail, LLC	46-0750331	SUBSIDIARY
TGA 70 Federal Street LLC	81-3961919	SUBSIDIARY	USCRF KRG JV Investor Member LLC		SUBSIDIARY
TIAA RFS, LLC	82-2885306	SUBSIDIARY	KRG – USCRF Retail Portfolio LLC	37-1904986	SUBSIDIARY
TIAA Advisory, LLC	82-2335773	SUBSIDIARY	KRG 951 & 41 LLC		SUBSIDIARY
TIAA-CREF Insurance Agency, LLC	20-2904312	SUBSIDIARY	KRG Livingston Center, LLC		SUBSIDIARY
TIAA Shared Services, LLC	85-3343718	SUBSIDIARY	KRG-USCRF Plaza Volente, LLC		SUBSIDIARY
TIAA SMA Strategies, LLC	81-2755014	SUBSIDIARY	U.S. Core-Plus Real Estate Debt Fund LP	82-3988257	SUBSIDIARY
TIAA-Stonepeak Investments I, LLC	45-3029655	SUBSIDIARY	CRED REIT LLC	82-3760575	SUBSIDIARY
TIAA-Stonepeak Investments II, LLC	45-3030923	SUBSIDIARY	CRED REIT Holdco LLC	47-1938723	SUBSIDIARY
TIAA Super Regional Mall Member Sub, LLC	45-3164764	SUBSIDIARY	CRED Glenhardt LLC	84-2113010	SUBSIDIARY
T-C Super Regional Mall Venture, LLC	45-3164764	SUBSIDIARY	CRED HQ LLC	85-1296109	SUBSIDIARY
T-C International Plaza REIT LLC	46-4623585	SUBSIDIARY	CRED REIT Holdco Alta LLC	86-3290456	SUBSIDIARY
T-C International Plaza Investor GP LLC	46-4653326	SUBSIDIARY	CRED REIT Holdco Hacienda LLC	87-1440716	SUBSIDIARY
T-C International Plaza Investor LP LLC	46-4680948	SUBSIDIARY	CRED REIT Holdco Phoenix Industrial LLC	87-0979505	SUBSIDIARY
Tampa Westshore Associates Limited Partnership	38-3173536	AFFILIATE	CRED REIT Holdco Seller LLC	83-2024014	SUBSIDIARY
T-C Las Vegas Retail REIT LLC	46-2713521	SUBSIDIARY	CRED REIT Holdco TRS LLC	81-1392434	SUBSIDIARY
T-C Las Vegas Retail Investor LLC	46-2726147	SUBSIDIARY	CRED REIT Holdco Velocity LLC	81-1392434	SUBSIDIARY
Grand Canal Shoppes Holdings, LLC		AFFILIATE	CRED REIT Manager LLC	82-4800804	SUBSIDIARY
T-C Midwest REIT, LLC	45-3165203	SUBSIDIARY	CRED REIT Member LP	82-5347019	SUBSIDIARY
T-C Midwest Retail, LLC	45-2211957	SUBSIDIARY	CRED SJA 555 Mangum, LLC	87-2932666	SUBSIDIARY
CBLT-C, LLC		SUBSIDIARY	CRED SJA Cornerstone LLC	88-1712199	SUBSIDIARY
T-C Montgomery Mall REIT, LLC	45-3164991	SUBSIDIARY	CRED SJA Norcross LLC	88-3419951	SUBSIDIARY
T-C Montgomery Mall, LLC	27-4117159	SUBSIDIARY	CRED SJA Sonoma LLC	88-1712389	SUBSIDIARY
Montgomery Mall of Maryland, LLC	95-4658637	SUBSIDIARY	CRED SJA Vistas LLC	88-2696709	SUBSIDIARY
TIAA SynGas, LLC	45-1286386	SUBSIDIARY	CRED SJA Woodco LLC	88-3419525	SUBSIDIARY
730 Catsolar, LLC	13-1624203	SUBSIDIARY	CRED Slabtown LLC	83-3184068	SUBSIDIARY
TIAA Union Place Phase I, LLC	20-8892977	SUBSIDIARY	CRED West Coast Industrial LLC	83-4107560	SUBSIDIARY
Union Place Phase I, LLC	20-8281443	SUBSIDIARY	U.S. Strategic Industrial Fund II LP	85-2116787	AFFILIATE
TIAA Ventures LLC	88-3094952	SUBSIDIARY	Western A Midwest TN, LLC	84-3440905	SUBSIDIARY
TIAA Wind Investments, LLC	45-4486211	SUBSIDIARY	Winslow Growth Capital Fund II, L.P.	83-1931152	SUBSIDIARY
Capistrano Wind Partners, LLC	45-3743502	AFFILIATE	WRC Properties, LLC	51-0141732	SUBSIDIARY
TIAA-CREF Individual & Institutional Services, LLC	55-0856733	SUBSIDIARY			

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

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
			13-6110585 ..	3792687			TIAA Board of Governors	.. NY.....	UIP.....						
.. 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 Governors	Ownership.....	..100.000	TIAA Board of Governors		
			45-2401857 ..	4618298			730 Holdings, LLC	.. DE.....	NIA.....	TIAA Board of Governors	Ownership.....	..100.000	TIAA Board of Governors		
			13-6022042 ..	2378057	777535		College Retirement Equities Fund	.. NY.....	NIA.....	CREF Board of Governors	Board		CREF Board of Governors		
.. 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 Governors		
			47-1595484 ..	4747826			Nuveen, LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
			81-3407371 ..	5042621			Nuveen Services, LLC	.. DE.....	NIA.....	Nuveen, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			13-3905273 ..	4599865			TIAA-CREF Asset Management, LLC	.. DE.....	NIA.....	Nuveen, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			81-1272900 ..	4952732			L&C Special Member Holdco, LLC	.. DE.....	NIA.....	TIAA-CREF Asset Management, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			46-3889185 ..	4866932			GTR Special Member Holdco LLC	.. DE.....	NIA.....	TIAA-CREF Asset Management, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			81-4374969 ..	5659467			TIAA International GP LLC	.. DE.....	NIA.....	TIAA-CREF Asset Management, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			13-3586142 ..	4314303	887793		TIAA-CREF Investment Management, LLC	.. DE.....	NIA.....	TIAA-CREF Asset Management, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			46-3870972 ..	4716541			Nuveen Alternative Holdings, LLC	.. DE.....	NIA.....	TIAA-CREF Asset Management, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			81-1467545 ..	4974190			AGR Partners LLC	.. DE.....	NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	..75.000	TIAA Board of Governors		
			86-3201384 ..	5788291			AGR Ag Infrastructure GP, LLC	.. DE.....	NIA.....	AGR Partners LLC	Ownership.....	..100.000	TIAA Board of Governors		
			36-4853278 ..	5279520			AGR Services LLC	.. DE.....	NIA.....	AGR Partners LLC	Ownership.....	..99.000	TIAA Board of Governors		.. 100
			85-2581992 ..	5616938			AGR Special Opportunities GP, LLC	.. DE.....	NIA.....	AGR Partners LLC	Ownership.....	..100.000	TIAA Board of Governors		
			83-4328253 ..	5613245			Nuveen Agribusiness Fund III GP, LLC	.. DE.....	NIA.....	AGR Partners LLC	Ownership.....	..100.000	TIAA Board of Governors		
			83-4307097 ..	5652936			Nuveen Agribusiness Fund III, LP	.. DE.....	NIA.....	Nuveen Agribusiness Fund III GP, LLC	Management.....		TIAA Board of Governors		
			81-1870559 ..	5010657			TGAM Agribusiness Fund GP LLC	.. DE.....	NIA.....	AGR Partners LLC	Ownership.....	..100.000	TIAA Board of Governors		
			36-4853278 ..	5279520			AGR Services LLC	.. DE.....	NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	..1.000	TIAA Board of Governors		.. 100
			36-4851864 ..	5083688			CAM HR Resources LLC	.. DE.....	NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	..1.000	TIAA Board of Governors		.. 200
			45-5044435 ..	4867658			Global AG AIV (CN) GP, LLC	.. DE.....	NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			45-5044681 ..	4867667			Global Agriculture AIV (CN), LP	.. DE.....	NIA.....	Global AG AIV (CN) GP, LLC	Management.....		TIAA Board of Governors		
			47-1192644 ..	4753564			Global Ag II AIV GP LLC	.. DE.....	NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			47-1197292 ..	4754776			Global Agriculture II AIV, LP	.. DE.....	NIA.....	Global Ag II AIV GP LLC	Management.....		TIAA Board of Governors		
			47-1208361 ..	4866969			GTR Investor Fund GP LLC	.. DE.....	NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			83-2245173 ..	5510120			NAP Investors GP, LLC	.. DE.....	NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	..100.000	TIAA Board of Governors		
				5497584			NCBDC Holdings LLC	.. DE.....	NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	..100.000	TIAA Board of Governors		
				5511622			Nuveen ChurchillI Advisors LLC	.. DE.....	NIA.....	NCBDC Holdings LLC	Ownership.....	..100.000	TIAA Board of Governors		
			88-1590237 ..	5729940			NGC Master HoldCo LLC	.. DE.....	NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			88-3758314 ..	5784949			NGC Senior Master Holdco LLC	.. DE.....	NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			88-2217234 ..	5799226			NGTF GP, LLC	.. DE.....	NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			45-4288013 ..	4866941			Nuveen Alternatives Advisors, LLC	.. DE.....	NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	..100.000	TIAA Board of Governors		
				5656831			Churchill Fund III GP LLC	.. DE.....	NIA.....	Nuveen Alternatives Advisors, LLC	Ownership.....	..100.000	TIAA Board of Governors		
				5511604			Nuveen ChurchillII Direct Lending Corp.	.. MD.....	NIA.....	Nuveen Alternatives Advisors, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			82-1917856 ..	5652703			TPS Investors GP, LLC	.. DE.....	NIA.....	Nuveen Alternatives Advisors, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			45-4288091 ..	4801858			Nuveen Alternatives Services, LLC	.. DE.....	NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	..100.000	TIAA Board of Governors		
				5041697			GAP II NZ GP Limited	.. NZL.....	NIA.....	Nuveen Alternatives Services, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			98-1310748 ..	5041660			TIAA European Farmland Fund GP LP	.. CYM.....	NIA.....	Nuveen Alternatives Services, LLC	Ownership.....	..50.000	TIAA Board of Governors		.. 300
			47-1515836 ..	4802819			TCAS Global Investments LLC	.. DE.....	NIA.....	Nuveen Alternatives Services, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			86-3136043 ..	5655825			Nuveen CP Holdings 1 LLC	.. DE.....	NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			47-5515604 ..	5657324			Nuveen CP LLC	.. DE.....	NIA.....	Nuveen CP Holdings 1 LLC	Ownership.....	..79.200	TIAA Board of Governors		.. 400
			86-3147529 ..	5655816			Nuveen CP Holdings 2 LLC	.. DE.....	NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			47-5515604 ..	5657324			Nuveen CP LLC	.. DE.....	NIA.....	Nuveen CP Holdings 2 LLC	Ownership.....	..0.800	TIAA Board of Governors		.. 400
			47-3234364 ..	5660557			Greenworks Lending LLC	.. DE.....	NIA.....	Nuveen CP LLC	Ownership.....	..100.000	TIAA Board of Governors		

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
			35-2597261	5660593			PACEWell 1 LLC	..DE.....	..NIA.....	Greenworks Lending LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			87-1326451	5660623			PACEWell 4 LLC	..DE.....	..NIA.....	Greenworks Lending LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			87-3650389	5678561			PACEWell 5 Depositor LLC	..DE.....	..NIA.....	Greenworks Lending LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			87-3649944	5678570			PACEWell 5 LLC	..DE.....	..NIA.....	PACEWell 5 Depositor LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			92-0681712	5789207			PACEWell 6 Depositor LLC	..DE.....	..NIA.....	Greenworks Lending LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			88-4182935	5789243			PACEWell 6 LLC	..DE.....	..NIA.....	PACEWell 6 Depositor LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			92-2404335				PACEWell 7 LLC	..DE.....	..NIA.....	Greenworks Lending LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			92-2105847				PACEWell 8 Depositor LLC	..DE.....	..NIA.....	Greenworks Lending LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			92-2080938				PACEWell 8 LLC	..DE.....	..NIA.....	PACEWell 8 Depositor LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			92-0315265	5785218			NGC TT 1 LLC	..DE.....	..NIA.....	Greenworks Lending LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			46-4998151	5660641			PACE Financial Servicing LLC	..DE.....	..NIA.....	Nuveen CP LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
							Nuveen CPACE Lending GP LLC	..DE.....	..NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			84-1819349	5486935			Nuveen Global Farmland Fund GP, LLC	..DE.....	..NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			98-1638974	5487101			Nuveen Global Farmland Fund Lux GP S.à r.l.	..LUX.....	..NIA.....	Nuveen Global Farmland Fund GP, LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			84-5180164	5599714			Nuveen Global Impact Fund GP, LLC	..DE.....	..NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
				5652776			Nuveen Global Impact Fund Lux GP S.à r.l.	..LUX.....	..NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			26-2719001	4313155			Nuveen International Holdings LLC	..DE.....	..NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
				5659412			Nuveen Canada Company	..CAN.....	..NIA.....	Nuveen International Holdings LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
				5695166			Nuveen Japan Co., Limited	..JPN.....	..NIA.....	Nuveen International Holdings LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
							Nuveen Korea Co., Ltd.	..KOR.....	..NIA.....	Nuveen International Holdings LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			81-4349631	5079083			TGAM Subsidiary HC LLC	..DE.....	..NIA.....	Nuveen International Holdings LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			81-4290269	5079104			TGAM APAC LLC	..DE.....	..NIA.....	TGAM Subsidiary HC LLC	Ownership.....	33.300 ...	TIAA Board of Governors		500
			81-4323796	5083718			TGAM HK HC LLC	..DE.....	..NIA.....	TGAM APAC LLC	Ownership.....	25.000 ...	TIAA Board of Governors		600
				4908355			Nuveen Hong Kong Limited	..HKG.....	..NIA.....	TGAM HK HC LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			81-4306975	5079113			TGAM Asia LLC	..DE.....	..NIA.....	TGAM Subsidiary HC LLC	Ownership.....	33.300 ...	TIAA Board of Governors		700
			81-4323796	5083718			TGAM HK HC LLC	..DE.....	..NIA.....	TGAM Asia LLC	Ownership.....	25.000 ...	TIAA Board of Governors		600
			81-4499397	5079122			TIAA International APAC LLC	..DE.....	..NIA.....	TGAM Subsidiary HC LLC	Ownership.....	33.300 ...	TIAA Board of Governors		800
			81-4323796	5083718			TGAM HK HC LLC	..DE.....	..NIA.....	TIAA International APAC LLC	Ownership.....	25.000 ...	TIAA Board of Governors		600
			81-4390558	5079092			TIAA International Subsidiary HC LLC	..DE.....	..NIA.....	Nuveen International Holdings LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			81-4290269	5079104			TGAM APAC LLC	..DE.....	..NIA.....	TIAA International Subsidiary HC LLC	Ownership.....	33.300 ...	TIAA Board of Governors		500
			81-4306975	5079113			TGAM Asia LLC	..DE.....	..NIA.....	TIAA International Subsidiary HC LLC	Ownership.....	33.300 ...	TIAA Board of Governors		700
			81-4499397	5079122			TIAA International APAC LLC	..DE.....	..NIA.....	TIAA International Subsidiary HC LLC	Ownership.....	33.300 ...	TIAA Board of Governors		800
			81-4359164	5079131			TIAA International Asia LLC	..DE.....	..NIA.....	TIAA International Subsidiary HC LLC	Ownership.....	33.300 ...	TIAA Board of Governors		900
			81-4323796	5083718			TGAM HK HC LLC	..DE.....	..NIA.....	TIAA International Asia LLC	Ownership.....	25.000 ...	TIAA Board of Governors		600
			81-4390558	5079092			TIAA International Subsidiary HC LLC	..DE.....	..NIA.....	Nuveen International Holdings LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			81-4290269	5079104			TGAM APAC LLC	..DE.....	..NIA.....	TIAA International Subsidiary HC LLC	Ownership.....	33.300 ...	TIAA Board of Governors		500
			81-4306975	5079113			TGAM Asia LLC	..DE.....	..NIA.....	Nuveen International Holdings LLC	Ownership.....	33.300 ...	TIAA Board of Governors		700
			81-4499397	5079122			TIAA International APAC LLC	..DE.....	..NIA.....	Nuveen International Holdings LLC	Ownership.....	33.300 ...	TIAA Board of Governors		800
			81-4359164	5079131			TIAA International Asia LLC	..DE.....	..NIA.....	Nuveen International Holdings LLC	Ownership.....	33.300 ...	TIAA Board of Governors		900
				5659403			Nuveen Junior Capital Opportunities Fund GP S.à r.l.	..LUX.....	..NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			87-4688838	5721449			Nuveen Natural Capital, LLC	..DE.....	..NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			45-5558395	4724096			Beaver Investments Holdings, LLC	..DE.....	..NIA.....	Nuveen Natural Capital, LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			80-0026976	4724108	1392090		GreenWood Resources, Inc.	..DE.....	..NIA.....	Beaver Investments Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			45-1875074	4724153			GreenWood Resources Capital Management, LLC	..DE.....	..NIA.....	GreenWood Resources, Inc.	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			47-4557075	4887580			Greenwood Resources Forest Management, LLC	..DE.....	..NIA.....	GreenWood Resources, Inc.	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			98-1016335	4868404			GreenWood Resources Poland sp Z.o.o.	..POL.....	..NIA.....	Greenwood Resources Forest Management, LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
				5371666			GWR Uruguay S.A.	..URY	..NIA	Greenwood Resources Forest Management, LLC	Ownership	..100.000	TIAA Board of Governors		
				4796600			Greenwood Resources Colombia SAS	..COL	..NIA	GreenWood Resources, Inc.	Ownership	..100.000	TIAA Board of Governors		
							NNC NGTF, LLC	..DE	..NIA	Nuveen Natural Capital, LLC	Ownership	..100.000	TIAA Board of Governors		
			27-3416812	4312916			Westchester Group Investment Management Holding Company, Inc.	..DE	..NIA	Nuveen Natural Capital, LLC	Ownership	..100.000	TIAA Board of Governors		
			27-3417683	4312925			Westchester Group Investment Management, Inc.	..DE	..NIA	Westchester Group Investment Management Holding Company, Inc.	Ownership	..100.000	TIAA Board of Governors		
				4794482			Nuveen Natural Capital Limited	..GBR	..NIA	Inc.	Ownership	..100.000	TIAA Board of Governors		
				5279539			Westchester Group SRL	..ROU	..NIA	Nuveen Natural Capital Limited	Ownership	..99.000	TIAA Board of Governors		..1000
				4914730			Westchester Group of Poland Sp. Z.o.o.	..POL	..NIA	Nuveen Natural Capital Limited	Ownership	..100.000	TIAA Board of Governors		
				5279539			Westchester Group SRL	..ROU	..NIA	Westchester Group of Poland Sp. Z.o.o.	Ownership	..1.000	TIAA Board of Governors		..1000
			87-0735518	4746977			Plata Wine Partners, LLC	..CA	..NIA	Westchester Group Investment Management, Inc.	Ownership	..91.110	TIAA Board of Governors		
			37-1261935	4617693			Terra Land Co.	..IL	..NIA	Westchester Group Investment Management, Inc.	Ownership	..100.000	TIAA Board of Governors		
			37-6589484	4747200			The Plata Wine Partners Trust	..CA	..NIA	Inc.	Ownership	..100.000	TIAA Board of Governors		
			37-1193973	4618186			Westchester Group Farm Management, Inc.	..IL	..NIA	Westchester Group Investment Management, Inc.	Ownership	..100.000	TIAA Board of Governors		
				4618207			Westchester Group of Australia Pty Ltd.	..AUS	..NIA	Inc.	Ownership	..100.000	TIAA Board of Governors		
				5720965			Westchester Group Chile Investment Management, SpA	..CHL	..NIA	Westchester Group Investment Management, Inc.	Ownership	..100.000	TIAA Board of Governors		
			37-1194491	4618225			Westchester Group Real Estate, Inc.	..IL	..NIA	Westchester Group Investment Management, Inc.	Ownership	..100.000	TIAA Board of Governors		
				5280003			Westchester Group South America Gestao de Investimentos Ltda	..BRA	..NIA	Westchester Group Investment Management, Inc.	Ownership	..100.000	TIAA Board of Governors		
			84-3766552	5483541			Westchester NGFF Investment LLC	..DE	..NIA	Westchester Group Investment Management, Inc.	Ownership	..100.000	TIAA Board of Governors		
							Nuveen Private Capital LLC	..DE	..NIA	Nuveen Alternative Holdings, LLC	Ownership	..85.220	TIAA Board of Governors		
							Arcmont Asset Management Holdco Ltd.	..JEY	..NIA	Nuveen Private Capital LLC	Ownership	..100.000	TIAA Board of Governors		
							Arcmont Asset Management Ltd.	..GBR	..NIA	Arcmont Asset Management Holdco Ltd.	Ownership	..100.000	TIAA Board of Governors		
			47-3156644	4844369			Churchill Asset Management LLC	..DE	..NIA	Nuveen Private Capital LLC	Ownership	..75.000	TIAA Board of Governors		
			36-4851864	5083688			CAM HR Resources LLC	..DE	..NIA	Churchill Asset Management LLC	Ownership	..99.000	TIAA Board of Governors		..200
				5695102			CNV Investor GP, LLC	..DE	..NIA	Churchill Asset Management LLC	Ownership	..100.000	TIAA Board of Governors		
			82-3187734	5349928			Churchill Agency Services LLC	..DE	..NIA	Churchill Asset Management LLC	Ownership	..100.000	TIAA Board of Governors		
			98-1694147				Churchill CAD GP General Partner, LLC	..CAN	..NIA	Churchill Asset Management LLC	Ownership	..100.000	TIAA Board of Governors		
							Churchill CAD GP, L.P.	..CAN	..NIA	Churchill CAD GP General Partner, LLC	Ownership	..100.000	TIAA Board of Governors		
							Churchill CAD GP Limited Partner, LLC	..CAN	..NIA	Churchill Asset Management LLC	Ownership	..100.000	TIAA Board of Governors		
				5720219			Churchill Co-Investment Partners GP, LLC	..DE	..NIA	Churchill Asset Management LLC	Ownership	..100.000	TIAA Board of Governors		
				5375132			Churchill Feeder Fund GP II S.a.r.l.	..LUX	..NIA	Churchill Asset Management LLC	Ownership	..100.000	TIAA Board of Governors		
			83-1177850	5349937			Churchill Fund GP II LLC	..DE	..NIA	Churchill Asset Management LLC	Ownership	..100.000	TIAA Board of Governors		
			98-1449979	5349919			Churchill Fund GP II S.a.r.l.	..LUX	..NIA	Churchill Asset Management LLC	Ownership	..100.000	TIAA Board of Governors		
				5616545			Churchill Junior Capital Opportunities Fund II Carry-Co, LLC	..DE	..NIA	Churchill Asset Management LLC	Ownership	..100.000	TIAA Board of Governors		
				5616536			Churchill Junior Capital Opportunities Fund II GP, LLC	..DE	..NIA	Churchill Asset Management LLC	Ownership	..100.000	TIAA Board of Governors		
				5616554			Churchill Junior Capital Opportunities Fund II GP Sarl	..LUX	..NIA	Churchill Asset Management LLC	Ownership	..100.000	TIAA Board of Governors		

STATEMENT AS OF MARCH 31, 2023 OF THE TIAA-CREF LIFE INSURANCE COMPANY

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
			85-3272173 ..	5585986			Churchill MMSLF Special GP LLC	.. DE	NIA.....	Churchill Asset Management LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
				5720200			Churchill Secondary Partners GP, LLC	.. DE	NIA.....	Churchill Asset Management LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			82-0735838 ..	5106484			Churchill Special Member LLC	.. DE	NIA.....	Churchill Asset Management LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			82-3784145 ..	5375525			Churchill Warehouse LLC	.. DE	NIA.....	Churchill Asset Management LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			87-2329839 ..	5724413			CMIC Funding GP LLC	.. DE	NIA.....	Churchill Asset Management LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
				5511565			Nuveen Churchill Administration LLC	.. DE	NIA.....	Churchill Asset Management LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			88-1339633 ..	5765827			Senior MPD Fund GP LLC	.. DE	NIA.....	Churchill Asset Management LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			81-1817732 ..	5041615			TGAM Churchill Fund GP LLC	.. DE	NIA.....	Churchill Asset Management LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			81-4262460 ..	5079074			Nuveen Real Estate Global LLC	.. DE	NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			92-2846553 ..				NRE CMCo LLC	.. DE	NIA.....	Nuveen Real Estate Global LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			92-2847109 ..				NRE DevCo LLC	.. DE	NIA.....	Nuveen Real Estate Global LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			92-2847517 ..				NRE MaintCo LLC	.. DE	NIA.....	Nuveen Real Estate Global LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			92-0783544 ..				NRE NewCo LLC	.. DE	NIA.....	Nuveen Real Estate Global LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			92-2886561 ..				NRE SafetyCo LLC	.. DE	NIA.....	Nuveen Real Estate Global LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			26-2748598 ..	4601487			Nuveen Global Investments LLC	.. DE	NIA.....	Nuveen Real Estate Global LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			82-2986445 ..	5533503			Nuveen GP Holding Company LLC	.. DE	NIA.....	Nuveen Real Estate Global LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			88-4085231 ..	5785290			Nuveen Casa Bonita SMA GP LLC	.. DE	NIA.....	Nuveen GP Holding Company LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			82-4598778 ..	5534685			Nuveen CRED GP Member LLC	.. DE	NIA.....	Nuveen GP Holding Company LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			82-3751720 ..	5593413			CRED GP LLC	.. DE	NIA.....	Nuveen CRED GP Member LLC	Ownership.....	50.000 ...	TIAA Board of Governors		
			85-2413081 ..	5593422			CRED Rated Feeder GP LLC	.. DE	NIA.....	CRED GP LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
							Nuveen Real Estate U.S. Strategic Alternatives Fund I GP LLC	.. DE	NIA.....	Nuveen GP Holding Company LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
							Nuveen Real Estate U.S. Impact Housing Fund GP LLC	.. DE	NIA.....	Nuveen GP Holding Company LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			88-1444180 ..	5729137			Nuveen Real Estate U.S. Strategic Lab Vehicle GP LLC	.. DE	NIA.....	Nuveen GP Holding Company LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
							Nuveen Real Estate U.S. Strategic Lab Vehicle LP	.. DE	NIA.....	Nuveen Real Estate U.S. Strategic Lab Vehicle GP LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			88-1443255 ..	5729267			Nuveen Real Estate U.S. Strategic Lab Vehicle Holdings LP	.. DE	NIA.....	Nuveen Real Estate U.S. Strategic Lab Vehicle LP	Ownership.....	100.000 ...	TIAA Board of Governors		
							Nuveen Real Estate U.S. Strategic Lab Vehicle REIT LLC	.. DE	NIA.....	Nuveen Real Estate U.S. Strategic Lab Vehicle Holdings LP	Ownership.....	100.000 ...	TIAA Board of Governors		
				5767625			Nuveen Real Estate U.S. Strategic Lab Vehicle REIT Sub GP LLC	.. DE	NIA.....	Nuveen Real Estate U.S. Strategic Lab Vehicle REIT LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
				5767607			Nuveen Real Estate U.S. Strategic Lab Vehicle REIT Sub LP	.. DE	NIA.....	Nuveen Real Estate U.S. Strategic Lab Vehicle REIT LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
							Nuveen Real Estate U.S. Strategic Lab Vehicle Non-REIT LLC	.. DE	NIA.....	Nuveen Real Estate U.S. Strategic Lab Vehicle LP	Ownership.....	100.000 ...	TIAA Board of Governors		
			88-2561353 ..	5754906			U.S. Cities Diversified Fund GP LLC	.. DE	NIA.....	Nuveen GP Holding Company LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			92-2350406 ..				U.S. Cities Diversified Fund LP	.. DE	NIA.....	U.S. Cities Diversified Fund GP LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			92-2329690 ..				U.S. Cities Diversified Fund REIT LLC	.. DE	NIA.....	U.S. Cities Diversified Fund LP	Ownership.....	100.000 ...	TIAA Board of Governors		
			92-2330414 ..				U.S. Cities Diversified Fund Operating GP LLC	.. DE	NIA.....	U.S. Cities Diversified Fund REIT LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			92-2330086 ..				U.S. Cities Diversified Fund Operating LP ...	.. DE	NIA.....	U.S. Cities Diversified Fund REIT LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			92-2350698 ..				U.S. Cities Multifamily Fund GP LLC	.. DE	NIA.....	Nuveen GP Holding Company LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			35-2633108 ..	5116616			U.S. Cities Retail Fund GP LLC	.. DE	NIA.....	Nuveen GP Holding Company LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			82-4054235 ..	5672019			U.S. Cities Workplace Fund GP LLC	.. DE	NIA.....	Nuveen GP Holding Company LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
				5116625			U.S. Single-Family Rental Fund I GP LLC	.. DE	NIA.....	Nuveen GP Holding Company LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			88-0587813 ..	5720170			U.S. Single-Family Rental Fund I LP	.. DE	NIA.....	U.S. Single-Family Rental Fund I GP LLC ...	Ownership.....	100.000 ...	TIAA Board of Governors		
			88-0582227 ..	5720161			U.S. Single-Family Rental Fund I Holding Company LLC	.. DE	NIA.....	U.S. Single-Family Rental Fund I LP	Ownership.....	100.000 ...	TIAA Board of Governors		
			88-0582051 ..	5720590											

STATEMENT AS OF MARCH 31, 2023 OF THE TIAA-CREF LIFE INSURANCE COMPANY

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
			85-2037572 ..	5599705			U.S. Strategic Industrial Fund II GP LLC	..DE.....	..NIA.....	Nuveen GP Holding Company LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			85-2857187 ..	5656765			Nuveen Imajn Holdings Member LLC	..DE.....	..NIA.....	Nuveen Real Estate Global LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			85-2534232 ..				Imajn Homes Holdings, LLC	..DE.....	..NIA.....	Nuveen Imajn Holdings Member LLC	Ownership.....	72.000 ...	TIAA Board of Governors		
			82-1051997 ..				Imajn Services LLC	..DE.....	..NIA.....	Imajn Homes Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			85-2545463 ..				Imajn Asset Manager LLC	..DE.....	..NIA.....	Imajn Homes Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
							NR Sparrow Realty Managing Member I, LLC ...	..DE.....	..NIA.....	Imajn Homes Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			87-1466953 ..				SAF Sparrow Realty Managing Member I, LLC ...	..DE.....	..NIA.....	Imajn Homes Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
							Sparrow Realty Investment I Managing Member LLC	..DE.....	..NIA.....	Imajn Homes Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			85-2603852 ..	5616022			Sparrow Realty Investment II Managing Member, LLC	..DE.....	..NIA.....	Imajn Homes Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
							USCMF Sparrow Realty Managing Member I, LLC	..DE.....	..NIA.....	Imajn Homes Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			87-1174074 ..				Nuveen MyPlace Holdings Member LLC	..DE.....	..NIA.....	Nuveen Real Estate Global LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			92-1280325 ..				Nuveen Permian Investor Asset Manager Member LLC	..DE.....	..NIA.....	Nuveen Real Estate Global LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			81-5466713 ..	5157909				..DE.....	..NIA.....	Nuveen Real Estate Global LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
							Nuveen Permian Investor Asset Manager								
			82-0631410 ..	5613311			Permian Investor Asset Manager LLC	..DE.....	..NIA.....	Nuveen Permian Investor Asset Manager Member LLC	Ownership.....	50.000 ...	TIAA Board of Governors		
			82-0607358 ..	5137929			Nuveen Permian Investor GP Member LLC	..DE.....	..NIA.....	Nuveen Real Estate Global LLC	Ownership.....	50.000 ...	TIAA Board of Governors		
							Nuveen Real Estate Global Cities Advisors LLC	..DE.....	..NIA.....	Nuveen Real Estate Global LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			82-3426937 ..	5659458				..DE.....	..NIA.....	Nuveen Real Estate Global LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			84-2502695 ..	5652794			Nuveen Development Management Services LLC ..	..DE.....	..NIA.....	Nuveen Real Estate Global LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			46-1162850 ..	4617620			TIAA International Holdings 1 Limited	..GBR.....	..NIA.....	Nuveen Real Estate Global LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
				5691908			Clean Energy Partners HoldCo LLP	..GBR.....	..NIA.....	TIAA International Holdings 1 Limited	Ownership.....	1.000 ...	TIAA Board of Governors		1100 ...
			46-1163394 ..	4617639			TIAA International Holdings 2 Limited	..GBR.....	..NIA.....	Nuveen Real Estate Global LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
				5691908			Clean Energy Partners HoldCo LLP	..GBR.....	..NIA.....	TIAA International Holdings 2 Limited	Ownership.....	99.000 ...	TIAA Board of Governors		1100 ...
				5691917			Clean Energy Partners LLP	..GBR.....	..NIA.....	Clean Energy Partners HoldCo LLP	Ownership.....	100.000 ...	TIAA Board of Governors		
				5691926			Glennmont Asset Management Limited	..GBR.....	..NIA.....	Clean Energy Partners HoldCo LLP	Ownership.....	100.000 ...	TIAA Board of Governors		
				5692035			Clean Energy Partners CEP 2012 Limited	..GBR.....	..NIA.....	Glennmont Asset Management Limited	Ownership.....	100.000 ...	TIAA Board of Governors		
				5692080			Glennmont Partners I Limited	..GBR.....	..NIA.....	Clean Energy Partners CEP 2012 Limited	Ownership.....	100.000 ...	TIAA Board of Governors		
				5692062			Clean Energy Partners CEP Services Limited ..	..GBR.....	..NIA.....	Glennmont Asset Management Limited	Ownership.....	100.000 ...	TIAA Board of Governors		
				5692044			Glennmont Partners III S.à r.l.	..LUX.....	..NIA.....	Glennmont Asset Management Limited	Ownership.....	100.000 ...	TIAA Board of Governors		
				5692053			Glennmont Partners IV S.à r.l.	..LUX.....	..NIA.....	Glennmont Asset Management Limited	Ownership.....	100.000 ...	TIAA Board of Governors		
				5692071			Glennmont REBS Europe S.à r.l.	..LUX.....	..NIA.....	Glennmont Asset Management Limited	Ownership.....	100.000 ...	TIAA Board of Governors		
							Nuveen Energy Transition European Fund II GP S.a.r.l.	..LUX.....	..NIA.....	Glennmont Asset Management Limited	Ownership.....	100.000 ...	TIAA Board of Governors		
				4618074			TIAA International Holdings 3 Limited	..GBR.....	..NIA.....	TIAA International Holdings 2 Limited	Ownership.....	100.000 ...	TIAA Board of Governors		
							Nuveen Investment Management Holdings Limited	..GBR.....	..NIA.....	TIAA International Holdings 3 Limited	Ownership.....	99.000 ...	TIAA Board of Governors		1200 ...
			98-1125673 ..	4617705			Nuveen Investment Management Holdings Limited	..GBR.....	..NIA.....	TIAA International Holdings 1 Limited	Ownership.....	1.000 ...	TIAA Board of Governors		1200 ...
										Nuveen Investment Management Holdings Limited	Ownership.....	100.000 ...	TIAA Board of Governors		
			98-1127648 ..	4618195			Nuveen Administration Ltd	..GBR.....	..NIA.....	Limited	Ownership.....	100.000 ...	TIAA Board of Governors		
										Nuveen Investment Management Holdings Limited	Ownership.....	100.000 ...	TIAA Board of Governors		
			98-1128805 ..	4618216			Nuveen Europe Holdings Limited	..GBR.....	..NIA.....	Limited	Ownership.....	100.000 ...	TIAA Board of Governors		
							Henderson European Retail Property Fund Management Sarl	..LUX.....	..NIA.....	Nuveen Europe Holdings Limited	Ownership.....	94.900 ...	TIAA Board of Governors		
				5704246			Nuveen Alternatives Europe S.à r.l.	..LUX.....	..NIA.....	Nuveen Europe Holdings Limited	Ownership.....	100.000 ...	TIAA Board of Governors		
				5704237			Nuveen Asset Management Europe S.à r.l.	..LUX.....	..NIA.....	Nuveen Europe Holdings Limited	Ownership.....	100.000 ...	TIAA Board of Governors		
				4716756			Nuveen Fund Management (Jersey) Limited	..JEY.....	..NIA.....	Nuveen Europe Holdings Limited	Ownership.....	100.000 ...	TIAA Board of Governors		
				4716774			Nuveen Management AIFM Limited	..GBR.....	..NIA.....	Nuveen Europe Holdings Limited	Ownership.....	100.000 ...	TIAA Board of Governors		

STATEMENT AS OF MARCH 31, 2023 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 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? (Yes/No)	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)					
				4715946			Nuveen Management Company (Luxembourg) No 1 Sàrl	.LUX	NIA	Nuveen Europe Holdings Limited	Ownership	94.900	TIAA Board of Governors		
				4716765			Nuveen Property Management (Jersey) Limited	.JEY	NIA	Nuveen Europe Holdings Limited	Ownership	100.000	TIAA Board of Governors		
			98-1128787	4618243			Nuveen FCAC0 Ltd	.GBR	NIA	Nuveen Investment Management Holdings Limited	Ownership	100.000	TIAA Board of Governors		
				4716783			Nuveen Investment Management International Limited	.GBR	NIA	Nuveen FCAC0 Ltd	Ownership	100.000	TIAA Board of Governors		
			98-1127632	4618261			Nuveen Group Holdings Ltd	.GBR	NIA	Nuveen Investment Management Holdings Limited	Ownership	100.000	TIAA Board of Governors		
				4844015			Anglo-Sino Henderson Investment Consultancy (Beijing) Co Limited	.CHN	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				4715311			CLOF II (GP) Limited	.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				5154010			CLOF II Vanquish Limited	.JEY	NIA	CLOF II (GP) Limited	Ownership	100.000	TIAA Board of Governors		
				4908328			Enhanced Debt Carry (GP) Sarl	.LUX	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				5147003			ERES APAC II (GP) S.à.r.l	.LUX	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				5704200			ERES Europe II (GP) S.à.r.l	.LUX	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				4949116			European Cities Partnership (GP) S.à.r.l	.LUX	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
							European Core-Plus Logistics Fund (GP) S.à.r.l	.LUX	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
							European Core Renewable Infrastructure S.à.r.l	.LUX	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				4841247			Islazul General Partner Sarl	.LUX	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				5802683			Japan Alternatives Living GP Pte. Ltd.	.SGP	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				4715245			Matador LP General Partner Limited	.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
							NRE Storage Portfolio Limited	.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
							Nugreen Services AB	.SWE	NIA	NRE Storage Portfolio Limited	Ownership	83.000	TIAA Board of Governors		
				4912763			Nuveen Consulting (Shanghai) Co Ltd	.CHN	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
							Nuveen Corporate Secretarial Services Limited								
				4747059				.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				4715236			Nuveen (France) SAS	.FRA	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				4901244			Nuveen Italy Srl	.ITA	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				4715357			Nuveen Management Austria GmbH	.AUT	NIA	Nuveen Group Holdings Ltd	Ownership	65.000	TIAA Board of Governors		
				5474008			Nuveen Management Finland Oy	.FIN	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				4747152			Nuveen Operations Limited	.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				4841265			Nuveen Australia Ltd.	.AUS	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				4841256			Nuveen Real Estate Debt Partners (GP) Sàrl	.LUX	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
							Nuveen Real Estate Debt Partners II (GP) S.à.r.l	.LUX	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				5134816			Global Real Estate Debt Partners Fund II (UK) SCSp	.LUX	NIA	Nuveen Real Estate Debt Partners II (GP) S.à.r.l	Influence		TIAA Board of Governors		1300
				5485004			Nuveen Real Estate Debt Partners III (GP) S.à.r.l	.LUX	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				5704152				.LUX	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				4715919			Nuveen Singapore Private Limited	.SGP	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
							Nuveen Switzerland GmbH	.SWI	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				4715254			OMP (GP) Limited	.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				4901235			T-C Lux Investments GP Sarl	.LUX	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				5700538			Tokyo Multifamily GP PTE Ltd	.LUX	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				4715272			UK OM (LP1) (GP) Limited	.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				4841292			UK OM (LP1) Limited	.GBR	NIA	UK OM (LP1) (GP) Limited	Ownership	100.000	TIAA Board of Governors		
				4715290			UK OM (LP2) (GP) Limited	.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Governors		
				4841283			UK OM (LP2) Limited	.GBR	NIA	UK OM (LP2) (GP) Limited	Ownership	100.000	TIAA Board of Governors		

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
				4715320			UK OM (LP3) (GP) Limited	..GBR....	..NIA.....	Nuveen Group Holdings Ltd	Ownership.....	100.000 ..	TIAA Board of Governors		
				4841274			UK OM (LP3) Limited	..GBR....	..NIA.....	UK OM (LP3) (GP) Limited	Ownership.....	100.000 ..	TIAA Board of Governors		
			82-4266474 ..	5586518			Nuveen Real Estate NYC Property Fund GP Member LLC	..DE....	..NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	100.000 ..	TIAA Board of Governors		
			82-4213248 ..	5586545			New York City Property Fund GP LLC	..DE....	..NIA.....	Nuveen Real Estate NYC Property Fund GP Member LLC	Ownership.....	..50.000 ..	TIAA Board of Governors		
			06-1217855 ..	4680325			Nuveen Real Estate Property Holdings L.L.C.	..DE....	..NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	100.000 ..	TIAA Board of Governors		
			30-0794692 ..	4683559			Casa Partners VI GP, LLC	..DE....	..NIA.....	Nuveen Real Estate Property Holdings L.L.C.	Ownership.....	100.000 ..	TIAA Board of Governors		
			47-5190671 ..	4912772			Casa Partners VII GP, LLC	..DE....	..NIA.....	Nuveen Real Estate Property Holdings L.L.C.	Ownership.....	100.000 ..	TIAA Board of Governors		
			82-4363605 ..	5687965			Casa Partners VIII GP, LLC	..DE....	..NIA.....	Nuveen Real Estate Property Holdings L.L.C.	Ownership.....	100.000 ..	TIAA Board of Governors		
			86-1845840 ..	5609819			Casa Partners IX GP, LLC	..DE....	..NIA.....	Nuveen Real Estate Property Holdings L.L.C.	Ownership.....	100.000 ..	TIAA Board of Governors		
			36-4477806 ..	4681797			Global Investors GP, L.L.C.	..DE....	..NIA.....	Nuveen Real Estate Property Holdings L.L.C.	Ownership.....	100.000 ..	TIAA Board of Governors		
			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 Governors		
			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 Governors		
			26-3561391 ..	4863539			TCAM DOF GP, LLC	..DE....	..NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	100.000 ..	TIAA Board of Governors		
			46-5367344 ..	4747170			TCGA BT AIV, LLC	..DE....	..NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	100.000 ..	TIAA Board of Governors		
			45-5139523 ..	4867368			TCGA Investor Fund GP, LLC	..DE....	..NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	100.000 ..	TIAA Board of Governors		
			47-3511076 ..	4843278			TCGA II Investor Fund GP, LLC	..DE....	..NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	100.000 ..	TIAA Board of Governors		
			81-4330570 ..	5659449			TGAM International GP LLC	..DE....	..NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	100.000 ..	TIAA Board of Governors		
			45-1532009 ..	4801867			TIAA Global Ag Special Member LLC	..DE....	..NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	100.000 ..	TIAA Board of Governors		
			81-1749609 ..	4843287			TIAA Global Ag II Special Member LLC	..DE....	..NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	100.000 ..	TIAA Board of Governors		
			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 Governors		
			36-4922991 ..	5620412			U.S. Cities Industrial Fund GP LLC	..DE....	..NIA.....	Nuveen Alternative Holdings, LLC	Ownership.....	100.000 ..	TIAA Board of Governors		
			47-1563437 ..	4749941			Nuveen Finance, LLC	..DE....	..NIA.....	Nuveen, LLC	Ownership.....	100.000 ..	TIAA Board of Governors		
			81-3425820 ..	5110025			Nuveen Holdings 1, Inc.	..DE....	..NIA.....	Nuveen Finance, LLC	Ownership.....	100.000 ..	TIAA Board of Governors		
			26-0373324 ..	4767758			Nuveen Holdings, Inc.	..DE....	..NIA.....	Nuveen Holdings 1, Inc.	Ownership.....	100.000 ..	TIAA Board of Governors		
			36-3817266 ..	3707551	885708		Nuveen Investments, Inc.	..DE....	..NIA.....	Nuveen Holdings, Inc.	Ownership.....	100.000 ..	TIAA Board of Governors		
			26-0627593 ..	4774710			Gresham Asset Management LLC	..DE....	..NIA.....	Nuveen Investments, Inc.	Ownership.....	..78.900 ..	TIAA Board of Governors		
			20-1930384 ..	4349828			Gresham Investment Management LLC	..DE....	..NIA.....	Nuveen Investments, Inc.	Ownership.....	..78.900 ..	TIAA Board of Governors		
				4781941			Gresham Investment Management Asia Pte. Ltd.	..SGP....	..NIA.....	Gresham Investment Management LLC	Ownership.....	100.000 ..	TIAA Board of Governors		
			36-3293941 ..	5694589			NIS/R&T, Inc.	..IL....	..NIA.....	Nuveen Investments, Inc.	Ownership.....	100.000 ..	TIAA Board of Governors		
			36-4839486 ..	5153992			Nuveen Alternative Investments, LLC	..DE....	..NIA.....	Nuveen Investments, Inc.	Ownership.....	100.000 ..	TIAA Board of Governors		
			31-0942504 ..	4774792	1311016		Nuveen Fund Advisors, LLC	..DE....	..NIA.....	Nuveen Investments, Inc.	Ownership.....	100.000 ..	TIAA Board of Governors		
			27-4357327 ..	4781624	1521019		Nuveen Asset Management, LLC	..DE....	..NIA.....	Nuveen Fund Advisors, LLC	Ownership.....	100.000 ..	TIAA Board of Governors		
				5719398			Nuveen Funds GP I, LLC	..DE....	..NIA.....	Nuveen Asset Management, LLC	Ownership.....	100.000 ..	TIAA Board of Governors		
			83-4025630 ..	5486681			Symphony Alternative Asset Management LLC ...	..DE....	..NIA.....	Nuveen Asset Management, LLC	Ownership.....	100.000 ..	TIAA Board of Governors		
			94-3252504 ..	5280982			Symphony Risk Retention Finance LLC	..DE....	..NIA.....	Nuveen Asset Management, LLC	Ownership.....	100.000 ..	TIAA Board of Governors		
			30-1032009 ..	5354968			SPR 1 LLC	..DE....	..NIA.....	Symphony Risk Retention Finance LLC	Ownership.....	..51.000 ..	TIAA Board of Governors		
			36-7364377 ..	4774783			Nuveen Investments Holdings, Inc.	..DE....	..NIA.....	Nuveen Investments, Inc.	Ownership.....	100.000 ..	TIAA Board of Governors		
			36-4709028 ..	4774868	1602171		Nuveen NIQ Holdings, LLC	..DE....	..NIA.....	Nuveen Investments, Inc.	Ownership.....	100.000 ..	TIAA Board of Governors		
			30-0892190 ..	4981189	1661847		NIQ Partners, LLC	..DE....	..NIA.....	Nuveen NIQ Holdings, LLC	Ownership.....	100.000 ..	TIAA Board of Governors		
			47-0875103 ..	4776518	763848		NIQ Investment Management Company, LLC	..DE....	..NIA.....	NIQ Partners, LLC	Ownership.....	100.000 ..	TIAA Board of Governors		

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
			37-1695518 ..	4774831	1602161		Nuveen WCM Holdings, LLC	.. DE	.. NIA	Nuveen Investments, Inc.	Ownership.....	100.000 ...	TIAA Board of Governors		
			90-0860898 ..	4776527	900973		Winslow Capital Management, LLC	.. DE	.. NIA	Nuveen WCM Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			81-0730906 ..	5147021			Growth Capital GP I, LLC	.. DE	.. NIA	Winslow Capital Management, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			36-2639476 ..	4775137	73387		Nuveen Securities, LLC	.. DE	.. NIA	Nuveen Investments, Inc.	Ownership.....	100.000 ...	TIAA Board of Governors		
			13-3760073 ..	4313306	939222		Teachers Advisors, LLC	.. DE	.. NIA	Nuveen Finance, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			82-1157427 ..	5659364			ColInvest Member LLC	.. DE	.. NIA	Teachers Advisors, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
							Nuveen TALF Opportunity GP, LLC	.. DE	.. NIA	Teachers Advisors, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			13-3987258 ..	4599052			485 Properties, LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			81-3091169 ..	5026603			730 Data Centers, LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			81-3106043 ..	5036303			730 Databridge, LLC	.. DE	.. NIA	730 Data Centers, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
				5729182			Rocket 730 Data Bridge, LP	.. DE	.. NIA	730 Databridge, LLC	Ownership.....	99.000 ...	TIAA Board of Governors		
				5704228			730 Fiber, LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			85-2250697 ..	5704433			Arcadian Infracom 1, LLC	.. DE	.. NIA	730 Fiber, LLC	Ownership.....	92.500 ...	TIAA Board of Governors		
			92-0957956 ..	5719400			730 Lighting, LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			47-2616735 ..	4801719			730 Power Development, LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			47-2622825 ..	4810784			730 Carroll, LLC	.. DE	.. NIA	730 Power Development, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
				4949107			730 Cricket, LLC	.. DE	.. NIA	730 Power Development, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
				5777679			730 Rail LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
				5777727			730 Cthrail LLC	.. DE	.. NIA	730 Rail LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			47-5363027 ..	4936116			730 Telecom LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
				5515518			730 Transmission, LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
				5515527			730 Hotspur, LLC	.. DE	.. NIA	730 Transmission, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			13-4042885 ..	4599801			730 Texas Forest Holdings, Inc.	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			51-0494351 ..	4599838			730 Texas Timberlands II, Ltd.	.. TX	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	99.500 ...	TIAA Board of Governors		1400 ...
			51-0494351 ..	4599838			730 Texas Timberlands II, Ltd.	.. TX	.. NIA	730 Texas Forest Holdings, Inc.	Ownership.....	0.500 ...	TIAA Board of Governors		1400 ...
			13-4040842 ..	4601722			TIAA Timberlands I, LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			13-4085431 ..	4601740			TIAA Timberlands II, LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			13-4042888 ..	4601713			730 Texas Timberlands, Ltd.	.. TX	.. NIA	TIAA Timberlands I, LLC	Ownership.....	99.500 ...	TIAA Board of Governors		1500 ...
			13-4042888 ..	4601713			730 Texas Timberlands, Ltd.	.. TX	.. NIA	730 Texas Forest Holdings, Inc.	Ownership.....	0.500 ...	TIAA Board of Governors		1500 ...
			38-3847245 ..	4602840			Actoil, LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			46-3373066 ..	4602916			Actoil Colorado, LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			46-1952974 ..	4599940			Broadleaf Timberland Investments, LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			26-4647417 ..	4601768			Quercus Forestland Account, LLC	.. NC	.. NIA	Broadleaf Timberland Investments, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
				4651503			Quercus Algoma Corporation	.. CAN	.. NIA	Quercus Forestland Account, LLC	Ownership.....	99.000 ...	TIAA Board of Governors		
				4860538			Quercus Algoma Land Corporation	.. CAN	.. NIA	Quercus Algoma Corporation	Ownership.....	100.000 ...	TIAA Board of Governors		
			46-2916514 ..	4613426			Quercus West Virginia, LLC	.. DE	.. NIA	Quercus Forestland Account, LLC	Ownership.....	97.800 ...	TIAA Board of Governors		

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
			47-2167228 ..	4776451			Casa Student Housing Fund Holdings, LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	.. 100.000	TIAA Board of Governors		
			47-4455610 ..	4990967			PEP-TH CASA Student Housing, LLC	.. DE	.. NIA	Casa Student Housing Fund Holdings, LLC ...	Ownership.....	.. 90.000	TIAA Board of Governors		
			47-4455303 ..	5194418			CSHF-PEP Purdue LLC	.. DE	.. NIA	PEP-TH CASA Student Housing, LLC	Ownership.....	.. 100.000	TIAA Board of Governors		
			30-0965548 ..	5195237			CSHF-PEP USF LLC	.. DE	.. NIA	PEP-TH CASA Student Housing, LLC	Ownership.....	.. 100.000	TIAA Board of Governors		
			56-2672630 ..	4600033			Ceres Agricultural Properties, LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	.. 100.000	TIAA Board of Governors		
			37-1555322 ..	4601816			Premiere Agricultural Properties, LLC	.. DE	.. NIA	Ceres Agricultural Properties, LLC	Ownership.....	.. 100.000	TIAA Board of Governors		
			80-0843991 ..	4628596			Loma del Rio Vineyards, LLC	.. DE	.. NIA	Premiere Agricultural Properties, LLC	Ownership.....	.. 45.000	TIAA Board of Governors		.. 1600
			36-4620107 ..	4601825			Premiere Columbia Properties, LLC	.. DE	.. NIA	Ceres Agricultural Properties, LLC	Ownership.....	.. 100.000	TIAA Board of Governors		
			30-0449681 ..	4601834			Premiere Farm Properties, LLC	.. DE	.. NIA	Ceres Agricultural Properties, LLC	Ownership.....	.. 100.000	TIAA Board of Governors		
			26-3484719 ..	4601843			Demeter Agricultural Properties II, LLC	.. DE	.. NIA	Ceres Agricultural Properties, LLC	Ownership.....	.. 100.000	TIAA Board of Governors		
			26-0352203 ..	4628372			International Agricultural Investors, LLC ...	.. DE	.. NIA	Ceres Agricultural Properties, LLC	Ownership.....	.. 99.240	TIAA Board of Governors		
				4633321			IAI Australia Pty., Ltd.	.. AUS	.. NIA	International Agricultural Investors, LLC	Ownership.....	.. 100.000	TIAA Board of Governors		
				4633330			IAI Australia Trust	.. AUS	.. NIA	International Agricultural Investors, LLC	Ownership.....	.. 100.000	TIAA Board of Governors		
			26-0460488 ..	4633358			IAI USA, LLC	.. DE	.. NIA	International Agricultural Investors, LLC	Ownership.....	.. 100.000	TIAA Board of Governors		
			26-2745365 ..	4628363			International Agricultural Investors Fund II, LLC	.. DE	.. NIA	Ceres Agricultural Properties, LLC	Ownership.....	.. 99.000	TIAA Board of Governors		
				4633303			IAI Australia Fund II, Pty., Ltd.	.. AUS	.. NIA	International Agricultural Investors Fund II, LLC	Ownership.....	.. 100.000	TIAA Board of Governors		
				4633312			IAI Australia Fund II Trust	.. AUS	.. NIA	International Agricultural Investors Fund II, LLC	Ownership.....	.. 100.000	TIAA Board of Governors		
			26-2747755 ..	4633349			IAI USA Fund II, LLC	.. DE	.. NIA	International Agricultural Investors Fund II, LLC	Ownership.....	.. 100.000	TIAA Board of Governors		
			85-4120472 ..	5683257			Churchill Junior Capital Opportunities Fund II, L.P.	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Management.....		TIAA Board of Governors		
			98-1402136 ..	5227521			Churchill Middle Market CLO IV Ltd.	.. CYM	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	.. 100.000	TIAA Board of Governors		
			81-1810508 ..	5041624			Churchill Middle Market Senior Loan Fund, LP	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Management.....		TIAA Board of Governors		
			84-5024895 ..	5656859			Churchill Middle Market Senior Loan Fund III, LP	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Management.....		TIAA Board of Governors		
							Churchill MM Warehouse LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	.. 100.000	TIAA Board of Governors		
			81-2914954 ..	5106457			CPF/UIR JV Member LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	.. 100.000	TIAA Board of Governors		
			81-2928112 ..	5110034			CPF/UIR Joint Venture LLC	.. DE	.. NIA	CPF/UIR JV Member LLC	Ownership.....	.. 51.000	TIAA Board of Governors		
			81-2955427 ..	5110490			CPF 636 Sixth Avenue LLC	.. DE	.. NIA	CPF/UIR Joint Venture LLC	Ownership.....	.. 100.000	TIAA Board of Governors		
			81-2982618 ..	5110511			CPF 856 Market Street LLC	.. DE	.. NIA	CPF/UIR Joint Venture LLC	Ownership.....	.. 100.000	TIAA Board of Governors		
			81-2973332 ..	5110502			CPF 1511 Third Avenue LLC	.. DE	.. NIA	CPF/UIR Joint Venture LLC	Ownership.....	.. 100.000	TIAA Board of Governors		
			47-3357982 ..	4785930			T-C 1608 Chestnut General Partner LLC	.. DE	.. NIA	CPF/UIR Joint Venture LLC	Ownership.....	.. 100.000	TIAA Board of Governors		
			23-3049052 ..	4843371			1608 Chestnut Partners LP	.. DE	.. NIA	T-C 1608 Chestnut General Partner LLC	Ownership.....	.. 1.000	TIAA Board of Governors		.. 1700
			47-3337561 ..	4785958			T-C 1608 Chestnut Limited Partner LLC	.. DE	.. NIA	CPF/UIR Joint Venture LLC	Ownership.....	.. 100.000	TIAA Board of Governors		
			23-3049052 ..	4843371			1608 Chestnut Partners LP	.. DE	.. NIA	T-C 1608 Chestnut Limited Partner LLC	Ownership.....	.. 99.000	TIAA Board of Governors		.. 1700
			26-3049305 ..	4601928			Demeter Agricultural Properties, LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	.. 100.000	TIAA Board of Governors		
			45-2632248 ..	4600770			Dionysus Properties, LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	.. 100.000	TIAA Board of Governors		
			94-3306131 ..	4601861			Silverado Premium Properties, LLC	.. CA	.. NIA	Dionysus Properties, LLC	Ownership.....	.. 100.000	TIAA Board of Governors		
			68-0436609 ..	4612764			Arroya Loma, LLC	.. DE	.. NIA	Silverado Premium Properties, LLC	Ownership.....	.. 100.000	TIAA Board of Governors		
			75-3025596 ..	4612867			Chalk Ridge Vineyard, LLC	.. CA	.. NIA	Silverado Premium Properties, LLC	Ownership.....	.. 100.000	TIAA Board of Governors		

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
			20-3964695 ..	4613314			Hobson Avenue Vineyard, LLC	.. CA.....	.. NIA.....	Silverado Premium Properties, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			26-1542713 ..	4613417			Marsino Vineyard, LLC	.. CA.....	.. NIA.....	Silverado Premium Properties, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			20-2103733 ..	4613864			Silverado Los Alamos Vineyards, LLC	.. CA.....	.. NIA.....	Silverado Premium Properties, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			85-1933477 ..	5618334			Mesa Del Rio Vineyard, LLC	.. CA.....	.. NIA.....	Silverado Premium Properties, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			20-2490906 ..	4613882			Silverado SLO Vineyards, LLC	.. CA.....	.. NIA.....	Silverado Premium Properties, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			20-2103788 ..	4613891			Silverado Sonoma Vineyard, LLC	.. CA.....	.. NIA.....	Silverado Premium Properties, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			68-0466083 ..	4613949			SPP Napa Vineyards, LLC	.. DE.....	.. NIA.....	Silverado Premium Properties, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			94-3361818 ..	4613967			Stanly Ranch Vineyards, LLC	.. CA.....	.. NIA.....	Silverado Premium Properties, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			26-3774024 ..	4613976			Suscol Mountain Vineyards, LLC	.. CA.....	.. NIA.....	Silverado Premium Properties, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			26-2766605 ..	4614665			Terra Ventosa Vineyards, LLC	.. CA.....	.. NIA.....	Silverado Premium Properties, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			43-3997217 ..	4601870			Silverado Winegrowers Holdings, LLC	.. DE.....	.. NIA.....	Dionysus Properties, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			68-0443927 ..	4613921			Silverado Winegrowers LLC	.. CA.....	.. NIA.....	Silverado Winegrowers Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			94-3357571 ..	4614759			Alta Loma Vineyard, LLC	.. CA.....	.. NIA.....	Silverado Winegrowers LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			91-1806950 ..	4615783			Silverado Suscol, LLC	.. CA.....	.. NIA.....	Silverado Winegrowers LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			45-4820104 ..	4617077			SWG Paso Vineyard, LLC	.. CA.....	.. NIA.....	Silverado Winegrowers LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			26-3561447 ..	4599708	1454640		Distressed Opportunities Fund, L.P.	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	50.000 ...	TIAA Board of Governors		
			98-0580879 ..	4680307			DWM Inclusive Finance Equity Fund II	.. LUX.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Influence.....		TIAA Board of Governors		
			98-0580879 ..	4633947			DWM Microfinance Equity Fund I	.. LUX.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Influence.....		TIAA Board of Governors		
			30-0701953 ..	4633974			EPP LFG I, LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Influence.....		TIAA Board of Governors		
				4894805			Global Real Estate Debt Partners Fund I (UK) SCSp	.. LUX.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	36.300 ...	TIAA Board of Governors		1800 ...
				5485004			Global Real Estate Debt Partners Fund II (UK) SCSp	.. LUX.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Influence.....		TIAA Board of Governors		1300 ...
							Global Real Estate Debt Partners Fund III (UK) SCSp	.. LUX.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Influence.....		TIAA Board of Governors		
							GreshamQuant Systematic Fixed Income Fund ...	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			81-0737062 ..	4952750			Growth Capital Fund I, L.P.	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	94.000 ...	TIAA Board of Governors		
				4860556			Inception GP LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			27-4149157 ..	4860846			Infra Alpha, LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			85-4309290 ..	5615892			L.A. Teak Holdings, LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
				5804052			Apical Reforestadora S.A.	.. PAN.....	.. NIA.....	L.A. Teak Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
				4618346			Quercus Panama, LLC	.. DE.....	.. NIA.....	L.A. Teak Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			84-2323824 ..	5708794			Landed Educator Retention Fund, LP	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Influence.....		TIAA Board of Governors		
			47-4169877 ..	4874656			Lewis & Clark Timberlands, LP	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	57.400 ...	TIAA Board of Governors		
			47-4187541 ..	4876436			L&C Log Co, LLC	.. DE.....	.. NIA.....	Lewis & Clark Timberlands, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			47-4196668 ..	4945967			L&C Tree Farms, LLC	.. DE.....	.. NIA.....	Lewis & Clark Timberlands, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			47-5300478 ..	4946384			L&C TRS LLC	.. DE.....	.. NIA.....	L&C Tree Farms, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
				4601852			Mansilla Participacoes LTDA	.. BRA.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			4634654				Radar Propriedades Agricolas S.A.	.. BRA.....	.. NIA.....	Mansilla Participacoes LTDA	Ownership.....	65.770 ...	TIAA Board of Governors		1900 ...

STATEMENT AS OF MARCH 31, 2023 OF THE TIAA-CREF LIFE INSURANCE COMPANY

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
				4643320			Nova Agricola Ponte Alta S.A.	.BRA.....	NIA.....	Radar Propriedades Agricolas S.A.	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
				4643049			Nova Amaralina Propriedades Agrícolas S.A ...	.BRA.....	NIA.....	Radar Propriedades Agricolas S.A.	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
				4643058			Nova Santa Barbara Agrícola S.A.	.BRA.....	NIA.....	Radar Propriedades Agricolas S.A.	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
				4644523			Terras da Ponte Alta S.A.	.BRA.....	NIA.....	Radar Propriedades Agricolas S.A.	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
				4634645			Radar II Propriedades Agricolas S.A.	.BRA.....	NIA.....	Mansilla Participacoes LTDA	Influence.....	.....	TIAA Board of Governors .....		.....
				4644318			Bioinvestments Negocios e Participacoes	.BRA.....	NIA.....	Radar II Propriedades Agricolas S.A.	Ownership.....	99.990 ...	TIAA Board of Governors .....		.....
				5777709			Castanheira Propriedades Agrícolas S.A	.BRA.....	NIA.....	Radar II Propriedades Agricolas S.A.	Ownership.....	58.550 ...	TIAA Board of Governors .....		.....
				5777718			Manacá Propriedades Agrícolas S.A	.BRA.....	NIA.....	Radar II Propriedades Agricolas S.A.	Ownership.....	58.550 ...	TIAA Board of Governors .....		.....
				5777697			Paineira Propriedades Agrícolas S.A	.BRA.....	NIA.....	Radar II Propriedades Agricolas S.A.	Ownership.....	58.550 ...	TIAA Board of Governors .....		.....
				4643085			Proud Participacoes S.A.	.BRA.....	NIA.....	Radar II Propriedades Agricolas S.A.	Ownership.....	99.990 ...	TIAA Board of Governors .....		.....
				4634654			Radar Propriedades Agricolas S.A	.BRA.....	NIA.....	Radar II Propriedades Agricolas S.A.	Ownership.....	15.310 ...	TIAA Board of Governors		1900 ...
				4644336			Vale De Ponte Alta S.A.	.BRA.....	NIA.....	Radar II Propriedades Agricolas S.A.	Ownership.....	99.990 ...	TIAA Board of Governors .....		.....
			13-1624203 ..	5077137			MM Funding, LLC	.DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			47-0902011 ..	5043075			MyVest Corporation	.DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
							NBPT Aggregator LLC	.DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			11-3034756 ..	4600789			ND Properties, LLC	.DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	99.000 ...	TIAA Board of Governors		2000 ...
				4634917			Norteshopping Retail and Leisure Centre BV ..	.NLD.....	NIA.....	ND Properties, Inc.	Ownership.....	50.000 ...	TIAA Board of Governors .....		.....
							Norteshopping – Centro Commercial, S.A.	.PRT.....	NIA.....	Norteshopping Retail and Leisure Centre BV ..	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
							ND Europe S.a.r.l.	.LUX.....	NIA.....	ND Properties, Inc.	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
							ND Europe Office Holding S.à r.l.	.LUX.....	NIA.....	ND Europe S.a.r.l.	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
							Cityhold Nymphe S.à r.l.	.LUX.....	NIA.....	ND Europe Office Holding S.à r.l.	Influence.....	.....	TIAA Board of Governors		2100 ...
							Cityhold Propco 11 S.à r.l.	.LUX.....	NIA.....	ND Europe Office Holding S.à r.l.	Influence.....	.....	TIAA Board of Governors .....		.....
							OVG Cloud S.à r.l.	.LUX.....	NIA.....	Cityhold Propco 11 S.à r.l.	Ownership.....	10.100 ...	TIAA Board of Governors		2200 ...
							Cityhold Euro S.à r.l.	.LUX.....	NIA.....	ND Europe Office Holding S.à r.l.	Influence.....	.....	TIAA Board of Governors		2300 ...
							Cityhold Office Partnership S.à r.l.	.LUX.....	NIA.....	ND Europe Office Holding S.à r.l.	Influence.....	.....	TIAA Board of Governors .....		.....
				5354829			CHOP OPCl	.FRA.....	NIA.....	Cityhold Office Partnership S.à r.l.	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			98-1435873 ..	5356373			Cityhold Iconic Holding SAS	.FRA.....	NIA.....	CHOP OPCl	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			98-1433967 ..	5371554			Cityhold Iconic Hotel SNC	.FRA.....	NIA.....	Cityhold Iconic Holding SAS	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			98-1433956 ..	5371563			Cityhold Iconic Office SCI	.FRA.....	NIA.....	Cityhold Iconic Holding SAS	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			98-1433960 ..	5371572			Cityhold Iconic Retail SNC	.FRA.....	NIA.....	Cityhold Iconic Holding SAS	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			98-1433975 ..	5371590			Cityhold Iconic Youth Hostel SNC	.FRA.....	NIA.....	Cityhold Iconic Holding SAS	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
				5585128			Cityhold EST Investment S.à r.l.	.LUX.....	NIA.....	Cityhold Office Partnership S.à r.l.	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
				5618558			Cityhold Prinses Coöperatief U.A	.NLD.....	NIA.....	Cityhold EST Investment S.à r.l.	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
				5618567			Cityhold Prinses AcquiCo B.V.	.NLD.....	NIA.....	Cityhold Prinses Coöperatief U.A	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
				5618576			Ark Portfolio Owner Prinses B.V.	.NLD.....	NIA.....	Cityhold Prinses AcquiCo B.V.	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
							Cityhold Jobbe SAS	.FRA.....	NIA.....	Cityhold Office Partnership S.à r.l.	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
							Cityhold Jobbe SCI	.FRA.....	NIA.....	Cityhold Jobbe SAS	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
							Cityhold Nymphe S.à r.l.	.LUX.....	NIA.....	Cityhold Office Partnership S.à r.l.	Ownership.....	88.000 ...	TIAA Board of Governors		2100 ...
				4920094			Cityhold Propco 6 S.à r.l.	.LUX.....	NIA.....	Cityhold Office Partnership S.à r.l.	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			98-1433939 ..	5354847			Cityhold Iconic Hotel OPCO SAS	.FRA.....	NIA.....	Cityhold Propco 6 S.à r.l.	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
			98-1435880 ..	5354856			Cityhold Iconic Investment S.à r.l.	.LUX.....	NIA.....	Cityhold Propco 6 S.à r.l.	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
				4925521			Cityhold Propco 9 S.à r.l.	.LUX.....	NIA.....	Cityhold Office Partnership S.à r.l.	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
				4612746			36 Rue La Fayette SAS	.FRA.....	NIA.....	Cityhold Propco 9 S.à r.l.	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
				4613828			SAS Roosevelt	.FRA.....	NIA.....	Cityhold Propco 9 S.à r.l.	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
				4914767			Roosevelt Participation S.à r.l.	.LUX.....	NIA.....	Cityhold Propco 9 S.à r.l.	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
				4615578			SNC Roosevelt	.FRA	NIA	SAS Roosevelt	Ownership	99.990	TIAA Board of Governors		2400
				4615578			SNC Roosevelt	.FRA	NIA	Roosevelt Participation S.à r.l.	Ownership	0.010	TIAA Board of Governors		2400
				4612876			Courcelles 70 SAS	.FRA	NIA	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Governors		
				4914776			Cityhold Euro S.à r.l.	.LUX	NIA	Cityhold Propco 9 S.à r.l.	Ownership	88.000	TIAA Board of Governors		2300
				4925549			Cityhold Propco 7 S.à r.l.	.LUX	NIA	Cityhold Euro S.à r.l.	Ownership	100.000	TIAA Board of Governors		
				4925615			Cityhold Propco 10 S.à r.l.	.LUX	NIA	Cityhold Euro S.à r.l.	Ownership	100.000	TIAA Board of Governors		
				5612501			Cityhold Gouden Bocht B.V.	.NLD	NIA	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Governors		
				5486962			Cityhold Gouden Bocht Monumenten B.V.	.NLD	NIA	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Governors		
			98-1438380	5354838			Redevelopment Property II B.V.	.NLD	NIA	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Governors		
				4925633			Cityhold Propco 12 S.à r.l.	.LUX	NIA	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Governors		
				5593178			Cityhold GC Investment S.à r.l.	.LUX	NIA	Cityhold Propco 12 S.à r.l.	Ownership	100.000	TIAA Board of Governors		
				5596807			OVG Cloud S.à r.l.	.LUX	NIA	Cityhold Propco 12 S.à r.l.	Ownership	89.900	TIAA Board of Governors		2200
							Cityhold Grand Central Berlin SCS	.LUX	NIA	OVG Cloud S.à r.l.	Ownership	100.000	TIAA Board of Governors		
				4914785			Cityhold Sterling S.à r.l.	.LUX	NIA	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Governors		
				4914758			Cityhold UK Holding S.à r.l.	.LUX	NIA	Cityhold Sterling S.à r.l.	Ownership	100.000	TIAA Board of Governors		
							Cityhold Belgrave Operational Investment S. à r.l.	.LUX	NIA	Cityhold UK Holding S.à r.l.	Ownership	100.000	TIAA Board of Governors		
							Cityhold Belgrave Operational Holding S. à r.l.	.LUX	NIA	Cityhold UK Holding S.à r.l. Holding S. à r.l.	Ownership	100.000	TIAA Board of Governors		
							Belgrave House Operational Unit Trust	.JEY	NIA	Cityhold Belgrave Operational Holding S. à r.l.	Ownership	100.000	TIAA Board of Governors		
							Belgrave House Operational Trustee 1 Limited	.GBR	NIA	Belgrave House Operational Unit Trust	Ownership	100.000	TIAA Board of Governors		
							Belgrave House Operational Trustee 2 Limited	.GBR	NIA	Belgrave House Operational Unit Trust	Ownership	100.000	TIAA Board of Governors		
				4919753			Cityhold UK Investment S.à r.l.	.LUX	NIA	Cityhold UK Holding S.à r.l.	Ownership	100.000	TIAA Board of Governors		
				4651343			London Belgrave Unit Trust	.JEY	NIA	Cityhold UK Holding S.à r.l.	Ownership	99.800	TIAA Board of Governors		2500
				4651343			London Belgrave Unit Trust	.JEY	NIA	Cityhold UK Investment S.à r.l.	Ownership	0.200	TIAA Board of Governors		2500
				4949198			CLOF Victoria Nominee 1 Limited	.GBR	NIA	London Belgrave Unit Trust	Ownership	100.000	TIAA Board of Governors		
				4949228			CLOF Victoria Nominee 2 Limited	.GBR	NIA	London Belgrave Unit Trust	Ownership	100.000	TIAA Board of Governors		
				4844341			New Fetter Lane Unit Trust	.JEY	NIA	Cityhold UK Holding S.à r.l.	Ownership	99.900	TIAA Board of Governors		2600
				4844341			New Fetter Lane Unit Trust	.JEY	NIA	Cityhold UK Investment S.à r.l.	Ownership	0.100	TIAA Board of Governors		2600
				4919744			60 Great Portland Street Unit Trust	.JEY	NIA	Cityhold UK Holding S.à r.l.	Ownership	99.400	TIAA Board of Governors		2700
				4919744			60 Great Portland Street Unit Trust	.JEY	NIA	Cityhold UK Investment S.à r.l.	Ownership	0.600	TIAA Board of Governors		2700
				4920076			SMA Holding S.à r.l.	.LUX	NIA	Cityhold UK Investment S.à r.l.	Ownership	100.000	TIAA Board of Governors		
				4919744			70 St Mary Axe Unit Trust	.JEY	NIA	SMA Holding S.à r.l.	Ownership	99.900	TIAA Board of Governors		2800
				4919744			70 St Mary Axe Unit Trust	.JEY	NIA	Cityhold UK Investment S.à r.l.	Ownership	0.100	TIAA Board of Governors		2800
				4920067			HV Properties S.à r.l.	.LUX	NIA	Cityhold UK Holding S.à r.l.	Ownership	100.000	TIAA Board of Governors		
				4925763			HV Freehold S.à r.l.	.LUX	NIA	HV Properties S.à r.l.	Ownership	100.000	TIAA Board of Governors		
				4614704			TIAA Lux 9 S.à r.l.	.LUX	NIA	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Governors		
				4615738			SAS Malachite	.FRA	NIA	TIAA Lux 9 S.a.r.l	Ownership	100.000	TIAA Board of Governors		
				4616847			SNC Garnet-TIAA	.FRA	NIA	SAS Malachite	Ownership	100.000	TIAA Board of Governors		
				4616856			SNC La Defense	.FRA	NIA	SAS Malachite	Ownership	100.000	TIAA Board of Governors		
				4616865			SNC Lazuli	.FRA	NIA	SAS Malachite	Ownership	100.000	TIAA Board of Governors		
				4616874			SNC Peridot	.FRA	NIA	SAS Malachite	Ownership	100.000	TIAA Board of Governors		
				4613015			T-C Pep Holding S.a.r.l.	.LUX	NIA	ND Europe S.a.r.l.	Ownership	51.000	TIAA Board of Governors		
				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 Governors		
				4614674			TIAA Lux 11 S.a.r.l	.LUX	NIA	ND Europe S.a.r.l.	Ownership	51.000	TIAA Board of Governors		
				4615635			Gropius Passagen Verwaltungs GmbH	.DEU	NIA	TIAA Lux 11 S.a.r.l	Ownership	80.000	TIAA Board of Governors		
				4615644			Gropius S.a.r.l	.LUX	NIA	TIAA Lux 11 S.a.r.l	Ownership	80.000	TIAA Board of Governors		

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
				4615626			Gropius Passagen GmbH & Co KG	..DEU.....	..NIA.....	Gropius S.a.r.l	Ownership.....	..99.800	TIAA Board of Governors		.. 2900 ...
				4615626			Gropius Passagen GmbH & Co KG	..DEU.....	..NIA.....	TIAA Lux 11 S.a.r.l	Ownership.....	.. 0.160	TIAA Board of Governors		.. 2900 ...
				4611842			TIAA Lux 5 S.a.r.l	..LUX.....	..NIA.....	ND Properties, Inc.	Ownership.....	..100.000	TIAA Board of Governors		
							Teachers Insurance and Annuity Association of America				Ownership.....	..86.300	TIAA Board of Governors		
			82-4183425	5613357			New York City Property Fund II LP	..DE.....	..NIA.....	New York City Property Fund II LP	Influence.....		TIAA Board of Governors		
			87-4474636	5704134			15 Laight Street Holdings LLC	..DE.....	..NIA.....	15 Laight Street Holdings LLC	Ownership.....	..100.000	TIAA Board of Governors		
			87-4553231	5704394			15 Laight Street Lender LLC	..DE.....	..NIA.....	15 Laight Street Holdings LLC	Ownership.....	..100.000	TIAA Board of Governors		
			87-3846434	5704125			Cory Road REIT LLC	..DE.....	..NIA.....	New York City Property Fund II LP	Influence.....		TIAA Board of Governors		
			87-3847578	5704143			Cory Road Operating LP	..DE.....	..NIA.....	Cory Road REIT LLC	Ownership.....	..98.620	TIAA Board of Governors		
			87-3737804	5777642			Cory Road Associates LLC	..DE.....	..NIA.....	Cory Road Operating LP	Ownership.....	..100.000	TIAA Board of Governors		
			87-4032308	5704406			Cory Road TRS LP	..DE.....	..NIA.....	Cory Road Associates LLC	Ownership.....	..100.000	TIAA Board of Governors		
			87-3783569	5704161			NYCPF II 94th Street Pooling LP	..DE.....	..NIA.....	New York City Property Fund II LP	Influence.....		TIAA Board of Governors		
							309 East 94th Street Holdings LLC	..DE.....	..NIA.....	NYCPF II 94th Street Pooling LP	Ownership.....	..98.670	TIAA Board of Governors		
							309 East 94th Street Associates LLC	..DE.....	..NIA.....	309 East 94th Street Holdings LLC	Ownership.....	..100.000	TIAA Board of Governors		
			83-4678924	5589537			New York City Property Fund REIT LLC	..DE.....	..NIA.....	New York City Property Fund II LP	Influence.....		TIAA Board of Governors		
			83-4701919	5588473			New York City Fund Operating GP LLC	..DE.....	..NIA.....	New York City Property Fund REIT LLC	Ownership.....	..100.000	TIAA Board of Governors		
			83-4671194	5587841			New York City Property Fund Operating LP	..DE.....	..NIA.....	New York City Property Fund REIT LLC	Ownership.....	..98.620	TIAA Board of Governors		
			84-3388831	5620690			125 West End Investors LLC	..DE.....	..NIA.....	New York City Property Fund Operating LP	Ownership.....	..97.500	TIAA Board of Governors		
			84-3408615	5620702			125 West End Holdings LLC	..DE.....	..NIA.....	125 West End Investors LLC	Ownership.....	..100.000	TIAA Board of Governors		
			83-4653622	5694600			125 West End Associates LLC	..DE.....	..NIA.....	125 West End Holdings LLC	Ownership.....	..100.000	TIAA Board of Governors		
			84-3408615	5620702			125 West Studio Holdings LLC	..DE.....	..NIA.....	125 West End Holdings LLC	Ownership.....	..100.000	TIAA Board of Governors		
			88-4309659				Ridge Hill Holdings LLC	..DE.....	..NIA.....	New York City Property Fund II LP	Influence.....		TIAA Board of Governors		
			36-5014830				Ridge Hill Associates LLC	..DE.....	..NIA.....	Ridge Hill Holdings LLC	Ownership.....	..83.330	TIAA Board of Governors		
							Teachers Insurance and Annuity Association of America				Ownership.....	..100.000	TIAA Board of Governors		
			84-2320652	5486944			NGFF Holdco, LLC	..DE.....	..NIA.....	NGFF Holdco, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			84-1895540	5535329			Nuveen Global Farmland Fund, LP	..DE.....	..NIA.....	NGFF Holdco, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			84-1834824	5535347			Global Farmland Properties LLC	..DE.....	..NIA.....	Nuveen Global Farmland Fund, LP	Ownership.....	..100.000	TIAA Board of Governors		
			85-3631808	5596740			NGFF FFI, LLC	..DE.....	..NIA.....	Global Farmland US Properties, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			84-1857338	5535383			US Horticulture Farmland, LLC	..DE.....	..NIA.....	Global Farmland US Properties, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			84-1842298	5535374			US Row Farmland, LLC	..DE.....	..NIA.....	Global Farmland US Properties, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			84-1880235	5535365			US Viticulture Farmland, LLC	..DE.....	..NIA.....	Global Farmland US Properties, LLC	Ownership.....	..100.000	TIAA Board of Governors		
							Teachers Insurance and Annuity Association of America				Ownership.....	..100.000	TIAA Board of Governors		
			92-0403836	5786046			NGTF Holdco, LLC	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Influence.....		TIAA Board of Governors		
			46-2031403	4860800			NRFC Inception IV, LP	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Influence.....		TIAA Board of Governors		
			46-2062147	4860819			NRFC Inception V, LP	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Influence.....		TIAA Board of Governors		
			98-1549843				Nuveen CLO Issuance Fund LP	..CYM.....	..NIA.....	Teachers Insurance and Annuity Association of America	Management.....		TIAA Board of Governors		
			84-5180286	5633029			Nuveen Global Impact Fund LP	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Management.....		TIAA Board of Governors		
			83-4357309	5400584			Nuveen High Yield Municipal Opportunities Fund LP	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..68.860	TIAA Board of Governors		
			83-4341275	5400511			Nuveen Municipal Opportunities Fund LP	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..74.420	TIAA Board of Governors		
							Nuveen Real Estate U.S. Impact Housing Fund LP	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
			88-1470999	5729230			Nuveen Real Estate U.S. Impact Housing Fund REIT LLC	..DE.....	..NIA.....	Nuveen Real Estate U.S. Impact Housing Fund LP	Ownership.....	..100.000	TIAA Board of Governors		
			88-1539505	5729276				..DE.....	..NIA.....	LP	Ownership.....	..100.000	TIAA Board of Governors		

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
.....			88-1470699 ..	5729315 .....	.....	.....	Nuveen Real Estate U.S. Impact Housing Fund Operating GP LLC	.. DE.....	 NIA.....	Nuveen Real Estate U.S. Impact Housing Fund REIT LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....			88-1472235 ..	5729306 .....	.....	.....	Nuveen Real Estate U.S. Impact Housing Fund Operating LP	.. DE.....	 NIA.....	Nuveen Real Estate U.S. Impact Housing Fund REIT LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....			88-3423227 ..	5784967 .....	.....	.....	IHF FA Woodbridge Investor Member LLC	.. DE.....	 NIA.....	Nuveen Real Estate U.S. Impact Housing Fund Operating LP	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....			88-4255084 ..	5802692 .....	.....	.....	USIHF GP Holdco Parent LLC	.. DE.....	 NIA.....	Nuveen Real Estate U.S. Impact Housing Fund Operating LP	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....			92-0790831 ..	5802713 .....	.....	.....	USIHF GP Holdco LLC	.. DE.....	 NIA.....	USIHF GP Holdco Parent LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....			92-1460099 ..	.....	.....	.....	USIHF GP NY Holdco LLC	.. DE.....	 NIA.....	USIHF GP Holdco Parent LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....			86-1702891 ..	5614260 .....	.....	.....	Nuveen Real Estate U.S. Strategic Alternatives Fund I LP	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Management.....	.....	TIAA Board of Governors .....	.....	..... .....
.....			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 Governors .....	.....	..... .....
.....			26-4750562 ..	4600846 .....	.....	.....	Occator Agricultural Properties, LLC	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....			46-1768969 ..	4611860 .....	.....	.....	AGR Agricultural Investments, LLC	.. DE.....	 NIA.....	Occator Agricultural Properties, LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....				5106475 .....	.....	.....	Mandala Food Co-Investment Holdings II SPV ..	.. MUS.....	 NIA.....	Occator Agricultural Properties, LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....			26-4248579 ..	4313025 .....	.....	.....	Canadian Infrastructure Investments, LLC ..	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....			98-1523334 ..	5802704 .....	.....	.....	2234328 Alberta ULC	.. CAN.....	 NIA.....	Canadian Infrastructure Investments, LLC ..	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....				4313100 .....	.....	.....	Polar Star Canadian Oil and Gas Holding, ULC ..	.. CAN.....	 NIA.....	Canadian Infrastructure Investments, LLC ..	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....			85-1933477 ..	5596731 .....	.....	.....	Otto's South Vineyard, LLC	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....			26-3821015 ..	4630133 .....	.....	.....	Pinnacle Third Avenue, LP	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Influence.....	.....	TIAA Board of Governors .....	.....	..... .....
.....			45-2792614 ..	4601142 .....	.....	.....	Renewable Timber Europe, LLC	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....				4990994 .....	.....	.....	Renewable Timber Netherlands B.V.	.. POL.....	 NIA.....	Renewable Timber Europe, LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....				4614713 .....	.....	.....	Topola Lasy Spolka z.o.o.	.. POL.....	 NIA.....	Renewable Timber Netherlands B.V.	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....			61-1640765 ..	4601759 .....	.....	.....	Renewable Timber Resources, LLC	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....							REP Coinvest III TEC, L.P.	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Influence.....	.....	TIAA Board of Governors .....	.....	..... .....
.....							Seven30 Insurance (Bermuda) Co. Limited	.. BMU.....	 NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....			47-3994280 ..	4865047 .....	.....	.....	SHF-33d North Apts, LLC	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....			47-4155469 ..	4865056 .....	.....	.....	SHF-Millennium One Apts, LLC	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....			81-2450195 ..	4990958 .....	.....	.....	SHF-The Rocks Apts, LLC	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....			03-0543113 ..	4868637 .....	.....	.....	Siguler Guff Third Avenue, L.P.	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....				4858629 .....	.....	.....	Social Infra, LLC	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....
.....				4630601 .....	.....	.....	Stichting Bewaarder Ziemia Fund	.. NLD.....	 NIA.....	Teachers Insurance and Annuity Association of America	Influence.....	.....	TIAA Board of Governors .....	.....	..... .....
.....			46-4969690 ..	4653972 .....	.....	.....	T-C 699 Bourke Street LLC	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	..... .....

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
			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 Governors		
			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 Governors		
				5084966			TIAA Australia Real Estate Trust	.. AUS	.. NIA	T-C Australia RE Holdings II, LLC	Ownership.....	..100.000	TIAA Board of Governors		
				5195255			TGA Miller Holding Trust	.. AUS	.. NIA	TIAA Australia Real Estate Trust	Ownership.....	..100.000	TIAA Board of Governors		
				5201820			TGA Miller Street Trust	.. AUS	.. NIA	TGA Miller Holding Trust	Ownership.....	..100.000	TIAA Board of Governors		
				5085749			TIAA Melbourne Retail Holding 1 Trust	.. AUS	.. NIA	TIAA Australia Real Estate Trust	Ownership.....	..100.000	TIAA Board of Governors		
				5087891			TIAA Melbourne Retail Asset 1 Trust	.. AUS	.. NIA	TIAA Melbourne Retail Holding 1 Trust	Ownership.....	..100.000	TIAA Board of Governors		
				5399969			TGA Australia Real Estate Trust 2	.. AUS	.. NIA	T-C Australia RE Holdings II, LLC	Ownership.....	..100.000	TIAA Board of Governors		
				5400481			TGA PBSA Hold Trust	.. AUS	.. NIA	TGA Australia Real Estate Trust 2	Ownership.....	..100.000	TIAA Board of Governors		
				5424133			TGA PBSA Asset Trust 1	.. AUS	.. NIA	TGA PBSA Hold Trust	Ownership.....	..100.000	TIAA Board of Governors		
				5596768			TGA PBSA Asset Trust 2	.. AUS	.. NIA	TGA PBSA Hold Trust	Ownership.....	..100.000	TIAA Board of Governors		
				5596777			TGA PBSA Asset Trust 3	.. AUS	.. NIA	TGA PBSA Hold Trust	Ownership.....	..100.000	TIAA Board of Governors		
							TGA PBSA Asset Trust 5	.. AUS	.. NIA	TGA PBSA Hold Trust	Ownership.....	..100.000	TIAA Board of Governors		
				5699865			TGA PBSA Hold Trust 2	.. AUS	.. NIA	TGA Australia Real Estate Trust 2	Ownership.....	..100.000	TIAA Board of Governors		
				5708749			TGA PBSA Asset Trust 4	.. AUS	.. NIA	TGA PBSA Hold Trust 2	Ownership.....	..100.000	TIAA Board of Governors		
							Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
			47-2363168 ..	4794503			T-C Europe Holding Inc.	.. DE	.. NIA	T-C Europe Holding Inc.	Ownership.....	..1.000	TIAA Board of Governors		.. 3000
			47-2369576 ..	4794473			T-C Europe LP	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	..99.000	TIAA Board of Governors		.. 3000
			47-2369576 ..	4794473			T-C Europe LP	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	..99.000	TIAA Board of Governors		.. 3000
				4843410			T-C Europe S.à r.l.	.. LUX	.. NIA	T-C Europe LP	Ownership.....	..100.000	TIAA Board of Governors		
				4873501			Nightingale LuxCo S.à r.l.	.. LUX	.. NIA	T-C Europe S.à r.l.	Ownership.....	..100.000	TIAA Board of Governors		
				4874665			T-C Nordics Investment AB	.. SWE	.. NIA	Nightingale LuxCo S.à r.l.	Ownership.....	..100.000	TIAA Board of Governors		
							T-C Denmark ApS	.. DNK	.. NIA	T-C Europe S.à r.l.	Ownership.....	..100.000	TIAA Board of Governors		
							Nordsjæl landshusene 2 ApS	.. DNK	.. NIA	T-C Denmark ApS	Ownership.....	..100.000	TIAA Board of Governors		
							Nordsjæl landshusene 3 ApS	.. DNK	.. NIA	T-C Denmark ApS	Ownership.....	..100.000	TIAA Board of Governors		
							T-C Europe LuxCo 1 S.a.r.l.	.. LUX	.. NIA	T-C Europe S.à r.l.	Ownership.....	..100.000	TIAA Board of Governors		
							OBP 2700 Jersey Property Unit Trust	.. JEY	.. NIA	T-C Europe S.à r.l.	Ownership.....	..100.000	TIAA Board of Governors		
				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 Governors		
				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 Governors		
				4843401			Neptune Property Venture S.à r.l.	.. LUX	.. NIA	T-C Neptune Holdings S. à r.l.	Ownership.....	..61.800	TIAA Board of Governors		
				5472901			Castel Guelfo I SRL	.. ITA	.. NIA	Neptune Property Venture S.à r.l.	Ownership.....	..100.000	TIAA Board of Governors		
				4908364			Neptune Holding Spain, S.L.	.. ESP	.. NIA	Neptune Property Venture S.à r.l.	Ownership.....	..100.000	TIAA Board of Governors		
				4912709			Promcat Alternativa, S.L.	.. ESP	.. NIA	Neptune Holding Spain, S.L.	Ownership.....	..100.000	TIAA Board of Governors		
				5083651			Neptune Madrid Holdco S.L.	.. ESP	.. NIA	Neptune Property Venture S.à r.l.	Ownership.....	..100.000	TIAA Board of Governors		
				5085691			Neptune Nassica Propco S.L.	.. ESP	.. NIA	Neptune Madrid Holdco S.L.	Ownership.....	..100.000	TIAA Board of Governors		
				5085703			Neptune Getafe Propco S.L.	.. ESP	.. NIA	Neptune Madrid Holdco S.L.	Ownership.....	..100.000	TIAA Board of Governors		
				5084920			Neptune Las Rozas Outlet S.L.	.. ESP	.. NIA	Neptune Madrid Holdco S.L.	Ownership.....	..100.000	TIAA Board of Governors		
				5084939			Neptune San Sebastian Outlet S.L.	.. ESP	.. NIA	Neptune Madrid Holdco S.L.	Ownership.....	..100.000	TIAA Board of Governors		
				4948687			Neptune OPC1 SAS	.. FRA	.. NIA	Neptune Property Venture S.à r.l.	Ownership.....	..100.000	TIAA Board of Governors		
				4952648			Roppenheim Holding SAS	.. FRA	.. NIA	Neptune OPC1 SAS	Ownership.....	..100.000	TIAA Board of Governors		
				4901383			Roppenheim Outlet SNC	.. FRA	.. NIA	Roppenheim Holding SAS	Ownership.....	..99.990	TIAA Board of Governors		.. 3100
				5198779			Neptune Ursus SP. z.o.o.	.. POL	.. NIA	Neptune Property Venture S.à r.l.	Ownership.....	..100.000	TIAA Board of Governors		
				4912736			Neptune Krakow SP. z.o.o.	.. POL	.. NIA	Neptune Property Venture S.à r.l.	Ownership.....	..100.000	TIAA Board of Governors		
				4912745			Neptune Annopol SP. z.o.o.	.. POL	.. NIA	Neptune Property Venture S.à r.l.	Ownership.....	..100.000	TIAA Board of Governors		
				5083633			Neptune Poznan SP. z.o.o.	.. POL	.. NIA	Neptune Property Venture S.à r.l.	Ownership.....	..100.000	TIAA Board of Governors		
				5354865			Neptune Property Holding S.à r.l.	.. LUX	.. NIA	Neptune Property Venture S.à r.l.	Ownership.....	..100.000	TIAA Board of Governors		
				5356382			Neptune Amsterdam B.V.	.. NLD	.. NIA	Neptune Property Holding S.à r.l.	Ownership.....	..100.000	TIAA Board of Governors		

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
				5659476			Neptune Gliwice Sp. z o.o.	.POL	NIA	Neptune Property Holding S.à r.l.	Ownership.....	100.000	TIAA Board of Governors		
				4949095			Neptune Roppenheim Holding S.à r.l.	.FRA	NIA	Neptune Property Venture S.à r.l.	Ownership.....	100.000	TIAA Board of Governors		
				4901383			Roppenheim Outlet SNC	.FRA	NIA	Neptune Roppenheim Holding S.à r.l.	Ownership.....	0.010	TIAA Board of Governors		3100
				5083642			Neptune Vicolungo I S.r.l.	.ITA	NIA	Neptune Property Venture S.à r.l.	Ownership.....	100.000	TIAA Board of Governors		
							T-C Storage Portfolio HoldCo S.à r.l.	.LUX	NIA	T-C Europe S.à r.l.	Ownership.....	100.000	TIAA Board of Governors		
							T-C Storage HoldCo AB	.SWE	NIA	T-C Storage Portfolio HoldCo S.à r.l.	Ownership.....	100.000	TIAA Board of Governors		
							Green S AB	.SWE	NIA	T-C Storage HoldCo AB	Ownership.....	95.000	TIAA Board of Governors		
							T-C Storage BidCo AB	.SWE	NIA	Green S AB	Ownership.....	100.000	TIAA Board of Governors		
							TC-Norway AS	.NOR	NIA	T-C Europe S.à r.l.	Ownership.....	100.000	TIAA Board of Governors		
							Billittveien 6 AS	.NOR	NIA	TC-Norway AS	Ownership.....	100.000	TIAA Board of Governors		
							Lonningsflaten 22 Eiendom AS	.NOR	NIA	TC-Norway AS	Ownership.....	100.000	TIAA Board of Governors		
							Skedsmo Logistikk AS	.NOR	NIA	TC-Norway AS	Ownership.....	100.000	TIAA Board of Governors		
										Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			45-2877772	4601786			T-C GA Real Estate Holdings, LLC	.DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership.....	100.000	TIAA Board of Governors		
			46-0959792	4611936			8 Spruce Street GA Investor, LLC	.DE	NIA	8 Spruce Street GA Investor, LLC	Ownership.....	100.000	TIAA Board of Governors		
			46-1403221	4619567			FC 8 Spruce Holdings, LLC	.DE	NIA	8 Spruce Street GA Investor, LLC	Influence.....		TIAA Board of Governors		
			4511867				FC 8 Spruce Street Residential, LLC	.NY	NIA	FC 8 Spruce Holdings, LLC	Ownership.....	100.000	TIAA Board of Governors		
			84-2144204	5482311			2300 Broadway Storage Operator LLC	.DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership.....	100.000	TIAA Board of Governors		
			82-1419222	5194360			Nuveen Global Cities REIT, Inc.	.MD	NIA	T-C GA Real Estate Holdings, LLC	Management.....		TIAA Board of Governors		
			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 Governors		
			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 Governors		
			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 Governors		
			27-2952349	4612045			T-C 1101 Pennsylvania Avenue LLC	.DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership.....	100.000	TIAA Board of Governors		
			27-2952617	4651398			T-C 1101 Pennsylvania Avenue Venture LLC	.DE	NIA	T-C 1101 Pennsylvania Avenue LLC	Ownership.....	51.000	TIAA Board of Governors		
			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 Governors		
			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 Governors		
			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 Governors		
			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 Governors		
			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 Governors		
			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 Governors		
			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 Governors		
			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 Governors		
			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 Governors		
			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 Governors		
			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 Governors		
			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 Governors		
			47-4665824	4904366			T-C 888 Brannan Member LLC	.DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership.....	100.000	TIAA Board of Governors		
			47-4684403	4904955			T-C 888 Brannan Venture LLC	.DE	NIA	T-C 888 Brannan Member LLC	Ownership.....	50.100	TIAA Board of Governors		
			47-4674147	4908319			T-C 888 Brannan Owner LLC	.DE	NIA	T-C 888 Brannan Venture LLC	Ownership.....	100.000	TIAA Board of Governors		
			47-5605380	4971845			T-C 888 Brannan TRS, LLC	.DE	NIA	T-C 888 Brannan Owner LLC	Ownership.....	100.000	TIAA Board of Governors		
			45-3479701	4612081			T-C 2300 Broadway, LLC	.DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership.....	100.000	TIAA Board of Governors		
			46-1220681	4612139			T-C Aspira LLC	.DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership.....	100.000	TIAA Board of Governors		
			46-1791581	4612054			T-C Franklin Square Member, LLC	.DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership.....	100.000	TIAA Board of Governors		
			46-1794486	4615569			T-C Franklin Square Venture LLC	.DE	NIA	T-C Franklin Square Member, LLC	Ownership.....	51.000	TIAA Board of Governors		
			26-0011770	4617611	1577581		TIAA Franklin Square, LLC	.DE	NIA	T-C Franklin Square Venture LLC	Ownership.....	100.000	TIAA Board of Governors		
			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 Governors		
			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 Governors		
			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 Governors		
			45-4045658	4612148			T-C Kings Crossing, LLC	.DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership.....	100.000	TIAA Board of Governors		

STATEMENT AS OF MARCH 31, 2023 OF THE TIAA-CREF LIFE INSURANCE COMPANY

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
			46-1120016 ..	4601973			T-C Legacy Place Member, LLC	.. DE	.. NIA	T-C GA Real Estate Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			46-0876833 ..	4628550			Legacy Place Associates, LLC	.. MA	.. NIA	T-C Legacy Place Member, LLC	Ownership.....	50.000 ...	TIAA Board of Governors		
							300 Legacy Place Boulevard LLC	.. DE	.. NIA	Legacy Place Associates, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			30-0769316 ..				Legacy Place Properties, LLC	.. MA	.. NIA	Legacy Place Associates, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			47-2903922 ..	4843326			T-C Republic Square Member LLC	.. DE	.. NIA	T-C GA Real Estate Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			47-2867784 ..	4843979			T-C Republic Square Venture LLC	.. DE	.. NIA	T-C Republic Square Member LLC	Ownership.....	50.100 ...	TIAA Board of Governors		
			47-3023681 ..	4844659			T-C Republic Square REIT LLC	.. DE	.. NIA	T-C Republic Square Venture LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			47-3091198 ..	4844798			T-C Republic Square Mezzanine LLC	.. DE	.. NIA	T-C Republic Square REIT LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			47-2793452 ..	4847735			T-C Republic Square Owner LLC	.. DE	.. NIA	T-C Republic Square Mezzanine LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			87-3992388 ..	5689660			TGA Cass White 75 LLC	.. DE	.. NIA	T-C GA Real Estate Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			88-1007987 ..	5723322			TGA Forum on Peachtree Investor Member LLC ..	.. DE	.. NIA	T-C GA Real Estate Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
										TGA Forum on Peachtree Investor Member LLC					
			88-1007587 ..	5723331			TGA NAP Forum on Peachtree Venture LLC	.. DE	.. NIA		Ownership.....	96.000 ...	TIAA Board of Governors		
			88-1007172 ..	5723340			TGA NAP Forum on Peachtree Owner LLC	.. DE	.. NIA	TGA NAP Forum on Peachtree Venture LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			88-1913177 ..	5729931			TGA Lonestar Investor Member LLC	.. DE	.. NIA	T-C GA Real Estate Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			88-2029531 ..	5741559			TGA BSL Lonestar JV LLC	.. DE	.. NIA	TGA Lonestar Investor Member LLC	Ownership.....	75.000 ...	TIAA Board of Governors		
			88-1913518 ..	5741607			TGA BSL Lonestar Owner LLC	.. DE	.. NIA	TGA BSL Lonestar JV LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			87-4019549 ..	5689651			TGA Midway Distribution Center LLC	.. DE	.. NIA	T-C GA Real Estate Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			88-0655999 ..	5720675			TGA MOB 5005 McConnell Member LLC	.. DE	.. NIA	T-C GA Real Estate Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			88-0656194 ..	5720693			TGANX MOB 5005 McConnell Venture LLC	.. DE	.. NIA	TGA MOB 5005 McConnell Member LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			88-0655748 ..	5720705			TGA MOB 5005 McConnell LLC	.. DE	.. NIA	TGANX MOB 5005 McConnell Venture LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			88-0635252 ..	5720125			TGA Speedway Distribution Center LLC	.. DE	.. NIA	T-C GA Real Estate Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			47-1379500 ..	4749969			The Flats Holding Company LLC	.. DE	.. NIA	T-C GA Real Estate Holdings, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			47-1347366 ..	4752503			The Flats 130 DC Residential LLC	.. DE	.. NIA	The Flats Holding Company LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			47-1363564 ..	4752512			The Flats 140 DC Residential LLC	.. DE	.. NIA	The Flats Holding Company LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			47-1367530 ..	4751766			The Flats DC Grocery LLC	.. DE	.. NIA	The Flats Holding Company LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
										Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			46-4567368 ..	4651473			T-C JK I, LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
										Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			46-4587620 ..	4651482			T-C JK II, LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
										Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			47-4095803 ..	4864022			T-C Lux Fund Holdings LLC	.. DE	.. NIA		Ownership.....	100.000 ...	TIAA Board of Governors		
							T-C Lux Investments Special Limited Partnership	.. LUX	.. NIA	T-C Lux Fund Holdings LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
										T-C Lux Investments Special Limited Partnership	Management.....		TIAA Board of Governors		
				5474053			European Cities Partnership SCSp	.. LUX	.. NIA	T-C Lux Investments Special Limited Partnership			TIAA Board of Governors		
							Global Real Estate Debt Partners Fund I (UK) SCSp	.. LUX	.. NIA	T-C Lux Investments Special Limited Partnership	Ownership.....	24.300 ...	TIAA Board of Governors		1800 ...
										Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			81-4583865 ..	5137956			T-C MV Member LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	99.900 ...	TIAA Board of Governors		
			81-4599024 ..	5147049			T-C M-T REIT LLC	.. DE	.. NIA	T-C MV Member LLC	Ownership.....		TIAA Board of Governors		
										Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
				5482281			T-C MV Member II LLC	.. DE	.. NIA	T-C MV Member II LLC	Ownership.....	51.000 ...	TIAA Board of Governors		
			84-3224525 ..	5492075			T-C M-T REIT II LLC	.. DE	.. NIA	T-C M-T REIT II LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			85-2937933 ..	5586013			TC MT II Originations TRS LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
										Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			82-1023309 ..	5117800			T-C Permian Investor LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
										Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			46-3007720 ..	4599874			T-C SBMC Joint Venture LLC	.. DE	.. NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
										Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			36-4620008 ..	4599128			T-C SMA 2, LLC	.. DE	.. NIA		Ownership.....	100.000 ...	TIAA Board of Governors		

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
			36-4619988 ..	4634029			PennMuni-TIAA U.S. Real Estate Fund, LLC	..DE.....	..NIA.....	T-C SMA 2, LLC	Management.....		TIAA Board of Governors		
							T-C SV Member LLC	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors		
							T-C S-T REIT LLC	..DE.....	..NIA.....	T-C SV Member LLC	Management.....		TIAA Board of Governors		
			81-2204918 ..	4990976			T-C The Edge at Flagler Village, LLC	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors		
			81-2676934 ..	5012370			T-C UK RE Holdings I, LLC	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors		
			81-2691474 ..	5014299			T-C UK RE Holdings II, LLC	..DE.....	..NIA.....	T-C UK RE Holdings I, LLC	Ownership.....	100.000 ..	TIAA Board of Governors		
			81-3299073 ..	5018635			T-C UK RE Holdings III, LLC	..DE.....	..NIA.....	T-C UK RE Holdings II, LLC	Ownership.....	100.000 ..	TIAA Board of Governors		
			47-3148337 ..	4894869			T-C U.S. Super Regional Mall Fund LP	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Management.....		TIAA Board of Governors		
			47-5379777 ..	4925512			T-C Waterford Blue Lagoon General Partner, LLC	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors		
			47-5392075 ..	4927785			Waterford Blue Lagoon LP	..DE.....	..NIA.....	T-C Waterford Blue Lagoon General Partner, LLC	Ownership.....	1.000	TIAA Board of Governors		3200 ..
			47-5375805 ..	4925503			T-C Waterford Blue Lagoon, LLC	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors		
			47-5392075 ..	4927785			Waterford Blue Lagoon LP	..DE.....	..NIA.....	T-C Waterford Blue Lagoon, LLC	Ownership.....	50.000 ..	TIAA Board of Governors		3200 ..
			81-0779817 ..	4930226			Westland At Waterford REIT General Partner LLC	..DE.....	..NIA.....	Waterford Blue Lagoon LP	Ownership.....	100.000 ..	TIAA Board of Governors		
				4930244			Waterford Blue Lagoon REIT General Partner LLC	..DE.....	..NIA.....	Waterford Blue Lagoon LP	Ownership.....	100.000 ..	TIAA Board of Governors		
			47-5305678 ..	4930208			Waterford Blue Lagoon REIT LP	..DE.....	..NIA.....	Waterford Blue Lagoon LP	Ownership.....	100.000 ..	TIAA Board of Governors		
			47-5642524 ..	4933067			5201-5301 Waterford General Partner LLC	..DE.....	..NIA.....	Waterford Blue Lagoon REIT LP	Ownership.....	100.000 ..	TIAA Board of Governors		
			47-5541032 ..	4933012			5201-5301 Waterford Operating LP	..DE.....	..NIA.....	Waterford Blue Lagoon REIT LP	Ownership.....	100.000 ..	TIAA Board of Governors		
			47-5672651 ..	4933076			5200 Waterford General Partner LLC	..DE.....	..NIA.....	Waterford Blue Lagoon REIT LP	Ownership.....	100.000 ..	TIAA Board of Governors		
			47-5498897 ..	4933021			5200 Waterford Operating LP	..DE.....	..NIA.....	Waterford Blue Lagoon REIT LP	Ownership.....	100.000 ..	TIAA Board of Governors		
			81-0722154 ..	4933085			1000 Waterford General Partner LLC	..DE.....	..NIA.....	Waterford Blue Lagoon REIT LP	Ownership.....	100.000 ..	TIAA Board of Governors		
			47-5479437 ..	4933030			1000 Waterford Operating LP	..DE.....	..NIA.....	Waterford Blue Lagoon REIT LP	Ownership.....	100.000 ..	TIAA Board of Governors		
			47-5445045 ..	4933115			701-703 Waterford General Partner LLC	..DE.....	..NIA.....	Waterford Blue Lagoon REIT LP	Ownership.....	100.000 ..	TIAA Board of Governors		
			47-5471474 ..	4933049			701-703 Waterford Operating LP	..DE.....	..NIA.....	Waterford Blue Lagoon REIT LP	Ownership.....	100.000 ..	TIAA Board of Governors		
			82-2631273 ..	5165557			Waterford Core REIT General Partner LLC	..DE.....	..NIA.....	Waterford Blue Lagoon LP	Ownership.....	100.000 ..	TIAA Board of Governors		
			82-2646233 ..	5165566			Waterford Core REIT LP	..DE.....	..NIA.....	Waterford Blue Lagoon LP	Ownership.....	100.000 ..	TIAA Board of Governors		
				5483578			Waterford Core 800 REIT General Partner LLC	..DE.....	..NIA.....	Waterford Core REIT LP	Ownership.....	100.000 ..	TIAA Board of Governors		
			84-3541603 ..	5483523			Waterford Core 800 REIT LP	..DE.....	..NIA.....	Waterford Core REIT LP	Ownership.....	100.000 ..	TIAA Board of Governors		
			81-0733012 ..	4930217			Waterford Core General Partner LLC	..DE.....	..NIA.....	Waterford Core 800 REIT LP	Ownership.....	100.000 ..	TIAA Board of Governors		
			47-5587163 ..	4928661			Waterford Core Operating LP	..DE.....	..NIA.....	Waterford Core 800 REIT LP	Ownership.....	100.000 ..	TIAA Board of Governors		
			82-2672297 ..	5165539			Waterford Core II General Partner LLC	..DE.....	..NIA.....	Waterford Core REIT LP	Ownership.....	100.000 ..	TIAA Board of Governors		
			82-2663579 ..	5165548			Waterford Core II Operating LP	..DE.....	..NIA.....	Waterford Core REIT LP	Ownership.....	100.000 ..	TIAA Board of Governors		
			81-2146865 ..	5041688			TEFF Holdco LLC	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors		
			98-1310729 ..	5041660			TIAA European Farmland Fund GP LP	..CYM.....	..NIA.....	TEFF Holdco LLC	Ownership.....	50.000 ..	TIAA Board of Governors		300 ..
			98-1310748 ..	5042658			TIAA European Farmland Fund LP	..CYM.....	..NIA.....	TEFF Holdco LLC	Management.....		TIAA Board of Governors		
				5043066			TEFF Holding S.a.r.l	..LUX.....	..NIA.....	TIAA European Farmland Fund LP	Ownership.....	100.000 ..	TIAA Board of Governors		
				5354810			Areal III Spolka z o.o.	..POL.....	..NIA.....	TEFF Holding S.a.r.l	Ownership.....	100.000 ..	TIAA Board of Governors		
				5424151			Hodowla Zwierząt Zarodowych Choczewo Spolka z o.o.	..POL.....	..NIA.....	Areal III SP. z o.o.	Ownership.....	100.000 ..	TIAA Board of Governors		
				5425082			Hodowla Zwierząt Zarodowych Wierzychucino Spolka z o.o.	..POL.....	..NIA.....	Areal III SP. z o.o.	Ownership.....	100.000 ..	TIAA Board of Governors		

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
				5424094			Hodowla Zwierząt Zarodowych Zarnowiec Spolka z o.o.	.POL	NIA	Areal III SP. z o.o.	Ownership	100.000	TIAA Board of Governors		
				5093856			Dangro Invest SA	.DNK	NIA	TEFF Holding S.a.r.l	Ownership	100.000	TIAA Board of Governors		
				5116456			AGAT Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors		
				5117408			AGRA Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors		
				5116447			AGRAMAX Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors		
				5116429			AGRIFARM Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors		
				5117332			AGRO - DUBLINY SP. z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors		
				5117417			AGROLAND Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors		
				5117341			AGROSERVICE Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors		
				5117350			AMAL Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors		
				5474763			CISY Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors		
				5117369			KOLNO Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors		
				5117378			MILKOWO Sp. Z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors		
				5117396			SATOPY Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors		
				5117387			SEE-AGRO SP. z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors		
				5117695			SOBIERADZ Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors		
				5104556			Pszenrol SA	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors		
				5117435			BUDUS Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Governors		
				5117798			LOZICE Sp. z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Governors		
				5116492			OGARDY SP. z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Governors		
				5117640			ROLA Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Governors		
				5117659			ROLPOL Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Governors		
				5117668			ROLZBUD Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Governors		
				5116465			SZAFIR SP. z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Governors		
				5117761			WALICHNOWY Sp. z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Governors		
				5117770			WEZINY SP. z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Governors		
				5117789			ZIEMROL Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Governors		
				5098486			Adamas SA	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Governors		
				5116586			AMBER SP. z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Governors		
				5117444			CIESZYSLAW SP z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Governors		
				5116522			JAROSLAWSKO I SP. z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Governors		
				5116513			JAROSLAWSKO II SP. z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Governors		
				5117462			JASIONNO Spolka z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Governors		
				5116483			OPAL SP z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Governors		
				5117677			TETYN SP. z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Governors		
				5354801			Gospodarstwo Okopy Sp. z o.o.	.POL	NIA	TEFF Holding S.a.r.l	Ownership	100.000	TIAA Board of Governors		
				5724115			Agrohop Bielice Sp. z o.o.	.POL	NIA	Gospodarstwo Okopy Sp. z o.o.	Ownership	100.000	TIAA Board of Governors		
				5473458			Agrohop Service Sp. z o.o.	.POL	NIA	Agrohop Bielice Sp. z o.o.	Ownership	100.000	TIAA Board of Governors		
				5473467			Agrohop Sp. z o.o.	.POL	NIA	Agrohop Bielice Sp. z o.o.	Ownership	100.000	TIAA Board of Governors		
				5473476			Agrohop Bis Sp. z o.o.	.POL	NIA	Agrohop Sp. z o.o.	Ownership	100.000	TIAA Board of Governors		
				5700613			Cieszanowice Solar Park sp. z o.o.	.POL	NIA	Gospodarstwo Okopy Sp. z o.o.	Ownership	100.000	TIAA Board of Governors		
				5424085			Przedsiębiorstwo Rolne Okopy Sp. z o.o.	.POL	NIA	Gospodarstwo Okopy Sp. z o.o.	Ownership	100.000	TIAA Board of Governors		
			92-2740334				TEIC Holdings LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors		
			84-3332496	5482272			TGA 10th Street Business Park LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors		
			82-1645257	5183412			TGA 127-137 Franklin LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors		

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
.....			92-1884082 ..	.....	.....	.....	TGA 2160 E 7th Street LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			87-1739826 ..	5653607 .....	.....	.....	TGA 26600 26700 Aliso Viejo Parkway LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			81-2769108 ..	5012389 .....	.....	.....	TGA 299 Franklin LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			83-2957526 ..	5353747 .....	.....	.....	TGA 3401 North Ashton Blvd LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			82-4830474 ..	5371899 .....	.....	.....	TGA 3851 Grandpine Way LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			81-3988795 ..	5049479 .....	.....	.....	TGA 600 College Road LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			88-0637658 ..	5720152 .....	.....	.....	TGA 601D Operating Member LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			83-2548459 ..	5474231 .....	.....	.....	TGA 730 Third Avenue Owner LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			87-1740428 ..	5653081 .....	.....	.....	TGA 8500 8551 Research Way LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			88-0634999 ..	5720134 .....	.....	.....	TGA Adairsville DC LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			82-2225812 ..	5353886 .....	.....	.....	TGA APAC Fund Holdings, LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			98-1429292 ..	5593169 .....	.....	.....	Asia Pacific Cities Fund, FCP	..LUX.....	NIA.....	TGA APAC Fund Holdings, LLC	Management.....	.....	TIAA Board of Governors .....	.....	..3300 ..
.....							TGA APAC RE Holdings Pte. Ltd.	..SGP.....	NIA.....	TGA APAC Fund Holdings, LLC	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			82-2311300 ..	5477027 .....	.....	.....	TGA Real Estate Fund Holdings, LLC	..DE.....	NIA.....	TGA APAC Fund Holdings, LLC	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			98-1429292 ..	5593169 .....	.....	.....	Asia Pacific Cities Fund, FCP	..LUX.....	NIA.....	TGA Real Estate Fund Holdings, LLC	Management.....	.....	TIAA Board of Governors .....	.....	..3300 ..
.....			87-4097244 ..	5687929 .....	.....	.....	TGA ASI Eagles Landing Investor Member LLC ..	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			88-1120507 ..	5723265 .....	.....	.....	TGA ASI Mission Trails Investor Member LLC ..	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			86-3673675 ..	5606014 .....	.....	.....	TGA ASI Monte Vista Investor Member LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			86-2376987 ..	5609800 .....	.....	.....	TGA ASI Riverstone Investor Member LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			87-3063209 ..	5657306 .....	.....	.....	TGA ASI Sage Investor Member LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			88-1120056 ..	5723256 .....	.....	.....	TGA ASI Sierra Vista Investor Member LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			84-3830265 ..	5500363 .....	.....	.....	TGA Auburn Business Park LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			84-3285557 ..	5495487 .....	.....	.....	TGA Aurora DC III LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			84-3475931 ..	5515237 .....	.....	.....	TGA Baltimore IC LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			83-1851559 ..	5353868 .....	.....	.....	TGA Barnes Canyon Life Science LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			84-3303586 ..	5482245 .....	.....	.....	TGA Beckwith Farms LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			84-3314123 ..	5482236 .....	.....	.....	TGA Bedford Park LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..
.....			85-4073425 ..	5592649 .....	.....	.....	TGA Boulder Creek LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ..	TIAA Board of Governors .....	.....	..... ..

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
			85-4073222 ..	5592667			TGA Bridge Creek LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			84-3441362 ..	5514119			TGA Bridge Point LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			84-2939313 ..	5482209			TGA Cactus DC I LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			84-3523623 ..	5515228			TGA Capital Beltway CC LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			92-1681994 ..				TGA Capital Gateway LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			84-3487859 ..	5515321			TGA Center Square DC LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			84-3314029 ..	5482861			TGA Centerpointe LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			83-3799476 ..	5424142			TGA Central Green LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			84-4376282 ..	5586385			TGA Central Square Investor Member LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			84-4880676 ..	5586394			TGACSE Central Square Holdings LLC	..DE.....	NIA.....	TGA Central Square Investor Member LLC	Ownership.....	95.000	TIAA Board of Governors		
			84-4893448 ..	5586433			TGACSE Central Square LLC	..DE.....	NIA.....	TGACSE Central Square Holdings LLC	Ownership.....	100.000	TIAA Board of Governors		
			84-4893383 ..	5586406			TGACSE Morningside LLC	..DE.....	NIA.....	TGACSE Central Square Holdings LLC	Ownership.....	100.000	TIAA Board of Governors		
			84-4924033 ..	5586424			TGACSE Triangle LLC	..DE.....	NIA.....	TGACSE Central Square Holdings LLC	Ownership.....	100.000	TIAA Board of Governors		
							TGA Connections at Athens Investor Member LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			83-0780652 ..	5375123				..DE.....	NIA.....	TGA Connections at Athens Investor Member LLC	Ownership.....	98.000	TIAA Board of Governors		
			61-1892161 ..	5597989			PEP-TH Athens, LLC	..DE.....	NIA.....	PEP-TH Athens, LLC	Ownership.....	100.000	TIAA Board of Governors		
			83-1011298 ..	5597998			PEP Athens, LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			85-1065983 ..	5592706			TGA Creekside Village Investor Member LLC ...	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			84-3740496 ..	5482964			TGA East Coronado Industrial LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			84-3740590 ..	5482937			TGA East Miraloma Industrial LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			87-1762569 ..	5620476			TGA Eastridge Investor Member LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
							TGA King EastRidge Venture LLC	..DE.....	NIA.....	TGA Eastridge Investor Member LLC	Ownership.....	95.000	TIAA Board of Governors		
							TGA King EastRidge Owner LLC	..DE.....	NIA.....	TGA King EastRidge Venture LLC	Ownership.....	100.000	TIAA Board of Governors		
			84-3740669 ..	5482946			TGA Emerald Corporate Park LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			84-3502383 ..	5515291			TGA Englewood DC LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			85-4076202 ..	5615883			TGA Enterprise Park Business Center LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			83-2810033 ..	5353774			TGA European RE Holdings I, LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	99.000	TIAA Board of Governors		3400
				5371620			Eagle GPCo S.à r.l.	..LUX.....	NIA.....	TGA European RE Holdings I, LLC	Ownership.....	89.500	TIAA Board of Governors		
				5371639			Eagle Partnership SCSp	..LUX.....	NIA.....	TGA European RE Holdings I, LLC	Ownership.....	89.500	TIAA Board of Governors		
				5482348			Eagle JVCo S.à r.l.	..LUX.....	NIA.....	Eagle Partnership SCSp	Ownership.....	100.000	TIAA Board of Governors		
				5482375			CB Kribeau Dzwi GmbH	..AUT.....	NIA.....	Eagle JVCo S.à r.l.	Ownership.....	100.000	TIAA Board of Governors		
				5493867			VIE Student House A GmbH & Co KG	..AUT.....	NIA.....	CB Kribeau Dzwi GmbH	Ownership.....	6.000	TIAA Board of Governors		3500
				5486373			Eagle Austria Holdings S.à r.l.	..LUX.....	NIA.....	Eagle JVCo S.à r.l.	Ownership.....	100.000	TIAA Board of Governors		
				5493867			VIE Student House A GmbH & Co KG	..AUT.....	NIA.....	Eagle Austria Holdings S.à r.l.	Ownership.....	94.000	TIAA Board of Governors		3500

13.21

13.21

13.21

13.21

STATEMENT AS OF MARCH 31, 2023 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 Loca-tion	Rela-tion-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
			92-2882920 ..				TGA GP TX HoldCo	.. DE.....	.. NIA.....	TGA GP Holdco Parent LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			84-3740749 ..	5482928 ..			TGA Greenstone Logistics Center LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			84-3463522 ..	3997186 ..			TGA Hagerstown DC LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			92-0668909 ..	5789216 ..			TGA Haines City LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			84-3475313 ..	5515264 ..			TGA Hollins End LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			84-3523721 ..	5515312 ..			TGA I-95 DC LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			84-3718861 ..	5444908 ..			TGA J.L Investor Member LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			84-4376472 ..	5613320 ..			TGA J.L II Investor Member LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			87-1280436 ..	5619096 ..			TGA J.L III CT Investor Member LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			85-1292481 ..	5656783 ..			TGA J.L MCF Investor Member LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			87-4248374 ..	5690451 ..			TGA J.L MCF II Investor Member LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			85-4075985 ..	5592676 ..			TGA Lakes at Indian Creek Investor Member LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			84-3523582 ..	5586349 ..			TGA Landover DC LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			87-3398451 ..	5687947 ..			TGA Los Tres Investor Member LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			84-4773958 ..	5592902 ..			TGA Maryland Farms Holdings LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			84-4775239 ..	5538834 ..			U.S. Cities Office Fund Maryland Farms Co-Invest	.. DE.....	.. NIA.....	TGA Maryland Farms Holdings LLC	Ownership.....	49.000 ...	TIAA Board of Governors		3600 ..
			84-2765297 ..	5483028 ..			TGA MH Investor Member LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			86-2908291 ..	5653979 ..			TGA MH III Investor Member LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			82-1169084 ..	5354799 ..			TGA MKP Member LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			82-1198745 ..	5510214 ..			TGA MKP Venture LLC	.. DE.....	.. NIA.....	TGA MKP Member LLC	Ownership.....	60.000 ...	TIAA Board of Governors		
			82-1187131 ..	5529038 ..			TGA MKP REIT LLC	.. DE.....	.. NIA.....	TGA MKP Venture LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			87-3883343 ..	5690479 ..			TGA MOB Prescott Member LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			87-3883887 ..	5690518 ..			TGANX MOB Prescott Venture LLC	.. DE.....	.. NIA.....	TGA MOB Prescott Member LLC	Ownership.....	90.000 ...	TIAA Board of Governors		
			87-3883657 ..	5690527 ..			TGANX MOB Prescott LLC	.. DE.....	.. NIA.....	TGANX MOB Prescott Venture LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			85-3566018 ..	5615847 ..			TGA MOB South Boerne LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			81-4232788 ..	5075722 ..			TGA Montague Investor Member, LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
				5093780 ..			RCD TGA Pierrepont Partners LLC	.. DE.....	.. NIA.....	TGA Montague Investor Member, LLC	Ownership.....	51.600 ...	TIAA Board of Governors		
			81-3542251 ..	5040542 ..			TGA Montrose Residences Investor Member, LLC	.. DE.....	.. NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			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 Governors		

STATEMENT AS OF MARCH 31, 2023 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 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? (Yes/No)	*
.....			83-1916152 ..	5353877 .....	.....	.....	TGA MS Self Storage Investor Member LLC	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....			83-2379583 ..	5354922 .....	.....	.....	Morningstar NRE Self Storage Portfolio LLC ..	.. DE.....	 NIA.....	TGA MS Self Storage Investor Member LLC ...	Ownership.....	..90.000 ...	TIAA Board of Governors .....	.....	.....
.....							MSC Bentonville, LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....							MSC Boerne, LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....							MSC Buda, LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....							MSC Carolinas, LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....							MSC Dam Storage, LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....							MSC Evans Rd, LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....							MSC Greenhouse, LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....							MSC Highway 521 Storage, LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....							MSC Kems Landing, LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....							MSC Midtown Atlanta, LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....							MSC MTP, LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....							MSC Peachtree, LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....							MSC South End, LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....							MSC Spring Branch, LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....							MSC SW Austin, LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....							MSC Tallahassee, LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....							MSC Yorktown, LLC	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....			83-4153778 ..	5482870 .....	.....	.....	TGA Near East LLC	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....			85-1291326 ..	5652785 .....	.....	.....	TGA Nex Investor LLC	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....			83-4139835 ..	5482889 .....	.....	.....	TGA NJAHP Investor Member LLC	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....			84-4574378 ..	5613263 .....	.....	.....	TGA NJAHP II Investor Member LLC	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....			85-2859128 ..	5585753 .....	.....	.....	TGA NYCAHP I Investor Member LLC	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....			84-3740851 ..	5482898 .....	.....	.....	TGA North Miller Industrial LLC	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....
.....			84-3759605 ..	5482852 .....	.....	.....	TGA North Orange Industrial LLC	.. DE.....	 NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000 ...	TIAA Board of Governors .....	.....	.....

STATEMENT AS OF MARCH 31, 2023 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 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? (Yes/No)	*
....			84-4774106 ..	5586965 .....	.....	.....	TGA Ohare Logistics Center IV LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....			88-4069421 ..	5785311 .....	.....	.....	TGA Oak Grove Plaza LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....			83-1934291 ..	5354454 .....	.....	.....	TGA Oak View Mall LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....			85-3510351 ..	5595369 .....	.....	.....	TGA Octave Apartments LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....			87-3969114 ..	5689642 .....	.....	.....	TGA One Norman Square LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....			85-4396119 ..	5596795 .....	.....	.....	TGA Pacific Landing LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....			87-1595214 ..	5619087 .....	.....	.....	TGA Pacific Landing Phase II LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....			84-3254652 ..	5482982 .....	.....	.....	TGA Park 355 LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....			84-3254103 ..	5482991 .....	.....	.....	TGA Park 55 LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....			84-3254979 ..	5482955 .....	.....	.....	TGA Park 88 LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....			87-3029971 ..	5687956 .....	.....	.....	TGA PC Charleston Club Investor Member LLC ..	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....			85-3076626 ..	5586004 .....	.....	.....	TGA PC MCF Investor Member LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....			87-2112453 ..	5655665 .....	.....	.....	TGA PC Richmond Investor Member LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....							TGA Peaceable Investor Member LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....							TGA Peaceable Investor Member II LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....							TGA Peaceable Investor Member III LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....			88-3094495 ..	5758874 .....	.....	.....	TGA Peaceable Investor Member 2022 LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....							TGA Peaceable Investor Member 2023 LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....			83-3250233 ..	5400605 .....	.....	.....	TGA Pleasant Prairie Center LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....			84-3285659 ..	5482973 .....	.....	.....	TGA Prairie Point LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....			84-3830675 ..	5514070 .....	.....	.....	TGA Renton Park 405 LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....			87-3533472 ..	5687910 .....	.....	.....	TGA River Club Apartments LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....			87-3533710 ..	5690488 .....	.....	.....	TGA River Club Townhomes LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....			92-2699982 ..	.....	.....	.....	TGA Roswell Wieuca LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....			83-2938932 ..	5353765 .....	.....	.....	TGA Sandy Commerce Park LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..
....			84-3487605 ..	5586451 .....	.....	.....	TGA Somerset IC LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.... ..

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
.....			84-3476142 ..	5515255 .....	.....	.....	TGA Somerset IC II LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.....
.....			85-2863856 ..	5592694 .....	.....	.....	TGA Sparrow Investor LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.....
.....			85-2574637 ..	5616031 .....	.....	.....	Sparrow Realty Investment I LLC	.. DE.....	NIA.....	TGA Sparrow Investor LLC	Ownership.....	95.000	TIAA Board of Governors .....	.....	.....
.....							Sparrow Realty Investment WHF, LLC	.. DE.....	NIA.....	Sparrow Realty Investment I LLC	Ownership.....	100.000	TIAA Board of Governors .....	.....	.....
.....							SN Arizona LLC	.. DE.....	NIA.....	Sparrow Realty Investment WHF, LLC	Ownership.....	100.000	TIAA Board of Governors .....	.....	.....
.....							SN DFW LLC	.. DE.....	NIA.....	Sparrow Realty Investment WHF, LLC	Ownership.....	100.000	TIAA Board of Governors .....	.....	.....
.....			86-1703020 ..	5652721 .....	.....	.....	SN SA LLC	.. DE.....	NIA.....	Sparrow Realty Investment WHF, LLC	Ownership.....	100.000	TIAA Board of Governors .....	.....	.....
.....							SN Tampa LLC	.. DE.....	NIA.....	Sparrow Realty Investment WHF, LLC	Ownership.....	100.000	TIAA Board of Governors .....	.....	.....
.....			85-3330672 ..	5656840 .....	.....	.....	Sparrow Homes US LLC	.. DE.....	NIA.....	Sparrow Realty Investment WHF, LLC	Ownership.....	100.000	TIAA Board of Governors .....	.....	.....
.....			87-4748024 ..	5704796 .....	.....	.....	TGA Sparrow II Investor LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.....
.....							Sparrow Realty Investment II, LLC	.. DE.....	NIA.....	TGA Sparrow II Investor LLC	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.....
.....							Sparrow Realty Investment WHF II, LLC	.. DE.....	NIA.....	Sparrow Realty Investment II, LLC	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.....
.....							TGA Specialty Shops Investor Member LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.....
.....							TGA HP Specialty Shops Venture LLC	.. DE.....	NIA.....	TGA Specialty Shops Investor Member LLC ..	Ownership.....	98.000	TIAA Board of Governors .....	.....	.....
.....							TGA HP Specialty Shops Owner LLC	.. DE.....	NIA.....	TGA HP Specialty Shops Venture LLC	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.....
.....			83-2063402 ..	5353804 .....	.....	.....	TGA SP-MPC Housing Investor Member LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.....
.....			83-2147240 ..	5354904 .....	.....	.....	TGA-SP Housing Venture I LLC	.. DE.....	NIA.....	TGA SP-MPC Housing Investor Member LLC	Ownership.....	87.500	TIAA Board of Governors .....	.....	.....
.....			83-2123785 ..	5371611 .....	.....	.....	TGA SP-MPC Housing Venture I LLC	.. DE.....	NIA.....	TGA-SP Housing Venture I LLC	Ownership.....	97.000	TIAA Board of Governors .....	.....	.....
.....			83-1869400 ..	5593208 .....	.....	.....	MPSP Ashwood Homes LLC	.. DE.....	NIA.....	TGA SP-MPC Housing Venture I LLC	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.....
.....			83-1869494 ..	5593196 .....	.....	.....	MPSP Ashwood MHC LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.....
.....			84-2331138 ..	5492963 .....	.....	.....	MPSP Beltline Homes LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.....
.....			84-2345909 ..	5492833 .....	.....	.....	MPSP Beltline Lender LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.....
.....			84-2216330 ..	5492860 .....	.....	.....	MPSP Beltline MHC LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.....
.....			83-1088601 ..	.....	.....	.....	MPSP Center Grove Homes LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.....
.....			83-2290040 ..	.....	.....	.....	MPSP Center Grove Lender LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.....
.....			83-1076792 ..	.....	.....	.....	MPSP Center Grove MHC LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.....
.....			84-2158715 ..	5492824 .....	.....	.....	MPSP Colinas South Homes LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.....
.....			84-2158791 ..	5492851 .....	.....	.....	MPSP Colinas South Lender LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.....
.....			84-2169896 ..	5492842 .....	.....	.....	MPSP Colinas South MHC LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.....
.....			84-2169973 ..	5492712 .....	.....	.....	MPSP Estancia Homes LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.....
.....			84-2277681 ..	5492682 .....	.....	.....	MPSP Estancia Lender LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.....
.....			84-1976109 ..	5492691 .....	.....	.....	MPSP Estancia MHC LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ..	TIAA Board of Governors .....	.....	.....

STATEMENT AS OF MARCH 31, 2023 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 Loca-tion	Rela-tion-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
.....			83-4260197 ..	5493232 .....	.....	.....	MPSP Fairlane Oaks Homes LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			83-4283444 ..	5493175 .....	.....	.....	MPSP Fairlane Oaks Lender LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			83-4241248 ..	5493308 .....	.....	.....	MPSP Fairlane Oaks MHC LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			84-2290488 ..	5492954 .....	.....	.....	MPSP Lakeview Homes LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			84-2319726 ..	5492972 .....	.....	.....	MPSP Lakeview Lender LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			84-2199063 ..	5492703 .....	.....	.....	MPSP Lakeview MHC LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			83-1213262 ..	5593226 .....	.....	.....	MPSP Lemon Tree Homes LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			83-2548459 ..	5593217 .....	.....	.....	MPSP Lemon Tree MHC LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			83-1230821 ..	5593244 .....	.....	.....	MPSP Mobile Gardens Homes LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			83-1230714 ..	5593262 .....	.....	.....	MPSP Mobile Gardens MHC LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			84-2379528 ..	5492646 .....	.....	.....	MPSP Parker Homes LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			84-2389423 ..	5493269 .....	.....	.....	MPSP Parker Lender LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			84-2247177 ..	5493250 .....	.....	.....	MPSP Parker MHC LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			84-2277774 ..	5493223 .....	.....	.....	MPSP Seven Oaks Homes LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			84-2290439 ..	5493241 .....	.....	.....	MPSP Seven Oaks Lender LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			84-2198856 ..	5493205 .....	.....	.....	MPSP Seven Oaks MHC LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			83-2700633 ..	5593253 .....	.....	.....	MPSP Shiloh Homes LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			83-2725391 ..	5593235 .....	.....	.....	MPSP Shiloh Lender LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			83-2700544 ..	5595529 .....	.....	.....	MPSP Shiloh MHC LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			84-2428644 ..	5493214 .....	.....	.....	MPSP South Concho Homes LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			84-2436652 ..	5493184 .....	.....	.....	MPSP South Concho Lender LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			84-2261982 ..	5493193 .....	.....	.....	MPSP South Concho MHC LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			83-2736822 ..	5595547 .....	.....	.....	MPSP Stonegate Homes LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			83-2736936 ..	5595538 .....	.....	.....	MPSP Stonegate Lender LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....
.....			83-2725560 ..	5595510 .....	.....	.....	MPSP Stonegate MHC LLC	.. DE.....	 NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	.. 100.000	TIAA Board of Governors .....	.....	.....

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
.....			84-2319873 ..	5493296 ....	.....	.....	MPSP TC GH Homes LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			84-2331064 ..	5493317 ....	.....	.....	MPSP TC GH Lender LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			84-2216156 ..	5493278 ....	.....	.....	MPSP TC GH MHC LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			84-2389479 ..	5493287 ....	.....	.....	MPSP TC Sherman Homes LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			84-2428588 ..	5493027 ....	.....	.....	MPSP TC Sherman Lender LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			84-2247220 ..	5493009 ....	.....	.....	MPSP TC Sherman MHC LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			84-2345969 ..	5492655 ....	.....	.....	MPSP Wildwood Acres Homes LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			84-2361787 ..	5492664 ....	.....	.....	MPSP Wildwood Acres Lender LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			84-2239609 ..	5492600 ....	.....	.....	MPSP Wildwood Acres MHC LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			84-2361842 ..	5492619 ....	.....	.....	MPSP Wildwood Village Homes LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			84-2379481 ..	5492589 ....	.....	.....	MPSP Wildwood Village Lender LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			84-2239646 ..	5492598 ....	.....	.....	MPSP Wildwood Village MHC LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			83-2848324 ..	.....	.....	.....	MPSP Windsong Homes LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			83-2848439 ..	.....	.....	.....	MPSP Windsong Lender LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			83-2861026 ..	.....	.....	.....	MPSP Windsong MHC LLC	.. DE.....	NIA.....	Morningstar NRE Self Storage Portfolio LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			86-1741788 ..	5606005 ....	.....	.....	TGA SS Self Storage Portfolio Investor Member LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			87-2470916 ..	5652730 ....	.....	.....	TGA SS Self Storage Tranche I Venture LP	.. DE.....	NIA.....	TGA SS Self Storage Portfolio Investor Member LLC	Ownership.....	96.000	TIAA Board of Governors .....	.....	.....
.....			83-1608525 ..	5760596 ....	.....	.....	Newmarket HCG LP	.. DE.....	NIA.....	TGA SS Self Storage Tranche I Venture LP ..	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....				5742480 ....	.....	.....	Seminole Storage Units I LP	.. DE.....	NIA.....	TGA SS Self Storage Tranche I Venture LP ..	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....				5742480 ....	.....	.....	TGA T1 SC Durbin Park LP	.. DE.....	NIA.....	TGA SS Self Storage Tranche I Venture LP ..	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....				5742462 ....	.....	.....	TGA T1 SC Millenia LP	.. DE.....	NIA.....	TGA SS Self Storage Tranche I Venture LP ..	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....				5742471 ....	.....	.....	TGA T1 SC San Marco LP	.. DE.....	NIA.....	TGA SS Self Storage Tranche I Venture LP ..	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			86-1714431 ..	5606032 ....	.....	.....	TGA SS Self Storage Portfolio Venture LP	.. DE.....	NIA.....	TGA SS Self Storage Portfolio Investor Member LLC	Ownership.....	96.000	TIAA Board of Governors .....	.....	.....
.....			86-1623164 ..	5608166 ....	.....	.....	TGA SC Bonita Springs LP	.. DE.....	NIA.....	TGA SS Self Storage Portfolio Venture LP ..	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			86-1624012 ..	5608157 ....	.....	.....	TGA SC Columbus Ford LP	.. DE.....	NIA.....	TGA SS Self Storage Portfolio Venture LP ..	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			86-1623724 ..	5608175 ....	.....	.....	TGA SC Columbus Veterans LP	.. DE.....	NIA.....	TGA SS Self Storage Portfolio Venture LP ..	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			86-1639097 ..	5608205 ....	.....	.....	TGA SC Erie Avenue LP	.. DE.....	NIA.....	TGA SS Self Storage Portfolio Venture LP ..	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			86-1623454 ..	5608193 ....	.....	.....	TGA SC Gainesville LP	.. DE.....	NIA.....	TGA SS Self Storage Portfolio Venture LP ..	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			86-1639333 ..	5608184 ....	.....	.....	TGA SC Germantown LP	.. DE.....	NIA.....	TGA SS Self Storage Portfolio Venture LP ..	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			86-1676901 ..	5608287 ....	.....	.....	TGA SC Glenn Heights LP	.. DE.....	NIA.....	TGA SS Self Storage Portfolio Venture LP ..	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			86-1638763 ..	5608278 ....	.....	.....	TGA SC Global Indy I LP	.. DE.....	NIA.....	TGA SS Self Storage Portfolio Venture LP ..	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			86-1677082 ..	5608250 ....	.....	.....	TGA SC Houston LP	.. DE.....	NIA.....	TGA SS Self Storage Portfolio Venture LP ..	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....
.....			86-1638905 ..	5608241 ....	.....	.....	TGA SC Indianapolis 29th Street LP	.. DE.....	NIA.....	TGA SS Self Storage Portfolio Venture LP ..	Ownership.....	100.000 ...	TIAA Board of Governors .....	.....	.....

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
			86-1639231 ..	5608232			TGA SC Kensington LP	.. DE.....	NIA.....	TGA SS Self Storage Portfolio Venture LP ..	Ownership.....	100.000 ...	TIAA Board of Governors		
			86-1676331 ..	5608223			TGA SC Lancaster LP	.. DE.....	NIA.....	TGA SS Self Storage Portfolio Venture LP ..	Ownership.....	100.000 ...	TIAA Board of Governors		
			84-3255382 ..	5482665			TGA Sterling DC LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			87-1763260 ..	5620485			TGA TCA Durham Logistics Center Investor Member LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
							TGA TCA Durham Logistics Center Investor Member LLC	.. DE.....	NIA.....	TGA TCA Durham Logistics Center Investor Member LLC	Ownership.....	90.000 ...	TIAA Board of Governors		
			85-3509669 ..	5601402			TGA The Apartments at Blakeney LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			84-3093962 ..	5497614			TGA The Warehouse At CH Investor Member LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			84-3055701 ..	5582239			TGAP The Warehouse At CH LLC	.. DE.....	NIA.....	TGA The Warehouse At CH Investor Member LLC	Ownership.....	98.500 ...	TIAA Board of Governors		
			84-3055465 ..	5586273			TGAP The Warehouse At CH Owner LLC	.. DE.....	NIA.....	TGAP The Warehouse At CH LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			86-1749539 ..	5609891			TGA The Warehouse At Ch II Investor Member LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			86-1548653 ..	5727544			TGAP The Warehouse at CH II LLC	.. DE.....	NIA.....	TGA The Warehouse At Ch II Investor Member LLC	Ownership.....	90.000 ...	TIAA Board of Governors		
			86-1548790 ..	5727571			TGAP The Warehouse at CH II Owner LLC	.. DE.....	NIA.....	TGAP The Warehouse at CH II LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			87-4300717 ..	5691609			TGA The Yield Investor Member LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			87-3975391 ..	5691560			CC TGA The Yield Venture, LLC	.. DE.....	NIA.....	TGA The Yield Investor Member LLC	Ownership.....	75.000 ...	TIAA Board of Governors		
			87-3912682 ..	5691645			CC TGA The Yield, LLC	.. DE.....	NIA.....	CC TGA The Yield Venture, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			88-1150650 ..	5721430			TGA TMO IN Portfolio Investor Member LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			84-3759437 ..	5482601			TGA Tri-State Commerce Center LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			85-3917654 ..	5592685			TGA Twelve100 Apartments LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			87-3992892 ..	5692213			TGA UMH Properties Investor Member LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
				5789195			TGA UMH Venture Tranche 1 LLC	.. DE.....	NIA.....	TGA UMH Properties Investor Member LLC	Ownership.....	60.000 ...	TIAA Board of Governors		
							Sebring Square MHC TGA, LLC	.. DE.....	NIA.....	TGA UMH Venture Tranche 1 LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			87-4552535 ..	5704198			TGA University Trails Investor Member LLC ...	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			87-4257683 ..	5704415			TGAP University Trails LLC	.. DE.....	NIA.....	TGA University Trails Investor Member LLC	Ownership.....	97.000 ...	TIAA Board of Governors		
			87-4257544 ..	5704424			TGAP University Trails Owner LLC	.. DE.....	NIA.....	TGAP University Trails LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			84-3830895 ..	5514098			TGA Van Dorens West LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			84-3441798 ..	5514100			TGA Vista Point South LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			84-3527380 ..	5515273			TGA Washington DC CC LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			84-2939589 ..	5482571			TGA Westport Distribution Center LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			92-1392352 ..				TGANX MOB Aurora LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			92-1383692 ..				TGANX MOB Wheat Ridge LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			83-0723201 ..	5375114			TGA Yorktown Apartments LLC	.. DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
.....			81-1994278 ..	5018626 .....	.....	.....	TGAM Agribusiness Fund LP	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..99.700	TIAA Board of Governors .....	.....	.....
.....			87-3750360 ..	5690460 .....	.....	.....	TGAMJC MHC LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....			87-3750130 ..	5690497 .....	.....	.....	TGA-MJC Palladian LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....			87-3750414 ..	5687938 .....	.....	.....	TGAMJC Van Alen LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....			82-2826183 ..	5692679 .....	.....	.....	TIAA Administrative Services LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....				4900500 .....	.....	.....	TIAA CLO I Ltd	..CYM.....	NIA.....	Teachers Insurance and Annuity Association of America	Management.....	.....	TIAA Board of Governors .....	.....	.....
.....				5049965 .....	.....	.....	TIAA CLO I LLC	..DE.....	NIA.....	TIAA CLO I Ltd	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....			84-1905731 ..	.....	.....	.....	TIAA CLO I Holding, LLC	..DE.....	NIA.....	TIAA CLO I Ltd	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....				5652749 .....	.....	.....	TIAA CLO II Ltd	..CYM.....	NIA.....	Teachers Insurance and Annuity Association of America	Management.....	.....	TIAA Board of Governors .....	.....	.....
.....				5652842 .....	.....	.....	TIAA CLO II LLC	..DE.....	NIA.....	TIAA CLO II Ltd	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....							TIAA CLO II Holding, LLC	..DE.....	NIA.....	TIAA CLO II Ltd	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....				5157860 .....	.....	.....	TIAA CLO III Ltd	..CYM.....	NIA.....	Teachers Insurance and Annuity Association of America	Management.....	.....	TIAA Board of Governors .....	.....	.....
.....				5354780 .....	.....	.....	TIAA CLO III LLC	..DE.....	NIA.....	TIAA CLO III Ltd	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....										Teachers Insurance and Annuity Association of America	Management.....	.....	TIAA Board of Governors .....	.....	.....
.....				5371910 .....	.....	.....	TIAA CLO IV Ltd	..CYM.....	NIA.....	Teachers Insurance and Annuity Association of America	Management.....	.....	TIAA Board of Governors .....	.....	.....
.....			13-4173396 ..	4599203 .....	.....	.....	TIAA CMBS I, LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....			13-4173396 ..	4602774 .....	.....	.....	TIAA CMBS I Trust	..DE.....	NIA.....	TIAA CMBS I, LLC	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....										Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....			47-4570655 ..	4900498 .....	.....	.....	TIAA Diversified Public Investments, LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....										Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....			90-0615674 ..	3838857	1502749 .....	.....	TIAA FSB Holdings, Inc.	..DE.....	NIA.....	TIAA FSB Holdings, Inc.	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....			37-1718179 ..	5279511 .....	.....	.....	Everbank Funding, LLC	..DE.....	NIA.....	TIAA FSB Holdings, Inc.	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....			59-3531592 ..	2735146 .....	.....	.....	TIAA, FSB	..US.....	NIA.....	TIAA FSB Holdings, Inc.	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....			59-3547521 ..	4318057 .....	.....	.....	AMC Holding, Inc.	..FL.....	NIA.....	TIAA, FSB	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....			43-1823879 ..	4318066 .....	.....	.....	Customerone Financial Network, Inc.	..DE.....	NIA.....	AMC Holding, Inc.	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....			36-1208070 ..	4460817 .....	.....	.....	Business Property Lending, Inc.	..DE.....	NIA.....	TIAA, FSB	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....			20-0716627 ..	4318226 .....	.....	.....	TIAA Commercial Finance, Inc.	..DE.....	NIA.....	TIAA, FSB	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....										Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....			81-1241294 ..	4979391 .....	.....	.....	TIAA GBS Holding LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....				5003789 .....	.....	.....	TIAA GBS Singapore Holding Company Pte. Ltd. ....	.....	.....	.....	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....								..SGP.....	NIA.....	TIAA GBS Holding LLC	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....				5006838 .....	.....	.....	TIAA Global Business Services (India) Private Limited	..IND.....	NIA.....	TIAA GBS Singapore Holding Company Pte. Ltd.	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....										Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....			27-5551198 ..	4599267 .....	.....	.....	TIAA Global Ag Holdco LLC	..DE.....	NIA.....	TIAA Global Ag Holdco LLC	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....			45-5044364 ..	4627124 .....	.....	.....	Global Agriculture AIV (US), LLC	..DE.....	NIA.....	TIAA Global Ag Holdco LLC	Ownership.....	..98.100	TIAA Board of Governors .....	.....	.....
.....			45-1531685 ..	4643580 .....	.....	.....	Global Ag Properties USA LLC	..DE.....	NIA.....	Global Agriculture AIV (US), LLC	Management.....	.....	TIAA Board of Governors .....	.....	.....
.....			80-0843991 ..	4644877 .....	.....	.....	Loma del Rio Vineyards, LLC	..DE.....	NIA.....	Global Ag Properties USA LLC	Ownership.....	..55.000	TIAA Board of Governors .....	.....	..1600
.....			46-2577906 ..	4643973 .....	.....	.....	Sugarloaf Vineyard, LLC	..DE.....	NIA.....	Global Ag Properties USA LLC	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....			47-1083514 ..	4753582 .....	.....	.....	Global Agriculture II AIV (US) LLC	..DE.....	NIA.....	TIAA Global Ag Holdco LLC	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....
.....			47-1069783 ..	4755438 .....	.....	.....	Global Ag Properties II USA LLC	..DE.....	NIA.....	Global Agriculture II AIV (US) LLC	Ownership.....	..50.000	TIAA Board of Governors .....	.....	.....
.....			27-5551341 ..	4639994 .....	.....	.....	TIAA-CREF Global Agriculture LLC	..DE.....	NIA.....	TIAA Global Ag Holdco LLC	Management.....	.....	TIAA Board of Governors .....	.....	.....
.....				4643357 .....	.....	.....	Global AG Properties Australia Pty, Ltd	..AUS.....	NIA.....	TIAA-CREF Global Agriculture LLC	Ownership.....	..100.000	TIAA Board of Governors .....	.....	.....

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
				4643571			Global AG Properties Australia Trust	..AUS.....	..NIA.....	TIAA-CREF Global Agriculture LLC	Ownership.....	100.000 ...	TIAA Board of Governors .....		.....
				4643094			Nova Gaia Brasil Participaco Ltda.	..BRA.....	..NIA.....	TIAA-CREF Global Agriculture LLC	Ownership.....	99.990 ...	TIAA Board of Governors		3700 ...
				4644493			Tellus Brasil Participaco S.A.	..BRA.....	..NIA.....	Nova Gaia Brasil Participaco Ltda.	Management.....		TIAA Board of Governors		3800 ...
				4644484			Terraviva Brasil Participaco Ltda.	..BRA.....	..NIA.....	Nova Gaia Brasil Participaco Ltda.	Ownership.....	99.990 ...	TIAA Board of Governors		3900 ...
				4644493			Tellus Brasil Participaco S.A.	..BRA.....	..NIA.....	Terraviva Brasil Participaco Ltda.	Management.....		TIAA Board of Governors		3800 ...
				4863490			Agrobio Investimentos e Participações S.A.	..BRA.....	..NIA.....	Tellus Brasil Participaco S.A.	Ownership.....	100.000 ...	TIAA Board of Governors		
				4646321			Cerpon Participações S.A.	..BRA.....	..NIA.....	Tellus Brasil Participaco S.A.	Ownership.....	100.000 ...	TIAA Board of Governors		
				4725758			Nova Ibiajara Propriedades Agrícolas S.A. ...	..BRA.....	..NIA.....	Tellus Brasil Participaco S.A.	Ownership.....	100.000 ...	TIAA Board of Governors		
				4653954			Tellus Bahia Propriedades Agrícolas Ltda.	..BRA.....	..NIA.....	Tellus Brasil Participaco S.A.	Ownership.....	100.000 ...	TIAA Board of Governors		
				4644505			Terra do Sol Propriedades Agrícolas S.A.	..BRA.....	..NIA.....	Tellus Brasil Participaco S.A.	Ownership.....	100.000 ...	TIAA Board of Governors		
				4644514			Terrainvest Propriedades Agrícolas S.A.	..BRA.....	..NIA.....	Tellus Brasil Participaco S.A.	Ownership.....	100.000 ...	TIAA Board of Governors		
				4646282			Tparone Participações S.A.	..BRA.....	..NIA.....	Tellus Brasil Participaco S.A.	Ownership.....	100.000 ...	TIAA Board of Governors		
				4646303			Toperone Agrícola S.A.	..BRA.....	..NIA.....	Tparone Participações S.A.	Ownership.....	100.000 ...	TIAA Board of Governors		
				4646291			Tpartwo Participações S.A.	..BRA.....	..NIA.....	Tellus Brasil Participaco S.A.	Ownership.....	100.000 ...	TIAA Board of Governors		
				4646312			Topertwo Agrícola S.A.	..BRA.....	..NIA.....	Tpartwo Participações S.A.	Ownership.....	100.000 ...	TIAA Board of Governors		
			45-1502187	4640011			TIAA-CREF Global Agriculture BR, LLC	..DE.....	..NIA.....	TIAA-CREF Global Agriculture LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
				4643094			Nova Gaia Brasil Participaco Ltda.	..BRA.....	..NIA.....	TIAA-CREF Global Agriculture BR, LLC	Ownership.....	0.010 ...	TIAA Board of Governors		3700 ...
				4644484			Terraviva Brasil Participaco Ltda.	..BRA.....	..NIA.....	TIAA-CREF Global Agriculture BR, LLC	Ownership.....	0.010 ...	TIAA Board of Governors		3900 ...
			47-0974399	4753591	1616610		TIAA-CREF Global Agriculture II LLC	..DE.....	..NIA.....	TIAA Global Ag Holdco LLC	Management.....		TIAA Board of Governors		
			47-1062423	4755447			TIAA-CREF Global Agriculture II BR, LLC	..DE.....	..NIA.....	TIAA-CREF Global Agriculture II LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
							Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			26-3594208	4863502			TIAA Global Public Investments, LLC	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			46-3881813	4599892			TIAA GTR HoldCo, LLC	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			46-3210500	4724023			Global Timber Resources LLC	..DE.....	..NIA.....	TIAA GTR HoldCo, LLC	Ownership.....	50.000 ...	TIAA Board of Governors		
			46-3909387	4868431			Global Timber SA LLC	..DE.....	..NIA.....	Global Timber Resources LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
				4868440			Forestal GTR Chile Limitada	..CHL.....	..NIA.....	Global Timber SA LLC	Ownership.....	99.900 ...	TIAA Board of Governors		
			46-3899490	4801906			Global Timber International LLC	..DE.....	..NIA.....	Global Timber Resources LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
				4802789			Global Timber Spain, SL	..ESP.....	..NIA.....	Global Timber International LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			98-1206384	4803151			Forestal Monterrey Colombia SAS	..COL.....	..NIA.....	Global Timber Spain, SL	Ownership.....	100.000 ...	TIAA Board of Governors		
				5165454			Global Timber Resources Colombia, S.A.S.	..COL.....	..NIA.....	Global Timber Spain, SL	Ownership.....	100.000 ...	TIAA Board of Governors		
							Monte Fresnos Asociacion Agraria de Responsabilidad LTDA	..URY.....	..NIA.....	Global Timber Spain, SL	Ownership.....	100.000 ...	TIAA Board of Governors		
				5183458			Monte Fresnos, S.A.	..URY.....	..NIA.....	Global Timber Spain, SL	Ownership.....	100.000 ...	TIAA Board of Governors		
				5183421			Taurion Asociacion Agraria de Responsabilidad LTDA	..URY.....	..NIA.....	Global Timber Spain, SL	Ownership.....	100.000 ...	TIAA Board of Governors		
				5183430			Taurion, S.A.	..URY.....	..NIA.....	Global Timber Spain, SL	Ownership.....	100.000 ...	TIAA Board of Governors		
				5183449			GT Europe Cooperatief U.A.	..NLD.....	..NIA.....	Global Timber International LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
				4866905			Global Timber NL, B.V.	..NLD.....	..NIA.....	GT Europe Cooperatief U.A.	Ownership.....	100.000 ...	TIAA Board of Governors		
			4900425	4901543			GTR Brasil Participacoes Ltda	..BRA.....	..NIA.....	Global Timber NL, B.V.	Ownership.....	100.000 ...	TIAA Board of Governors		
			4902380	5484995			Brasilwood Reflorestamento S.A.	..BRA.....	..NIA.....	GTR Brasil Participacoes Ltda	Ownership.....	75.000 ...	TIAA Board of Governors		
				5484995			Brasilwood Terras Florestais S.A.	..BRA.....	..NIA.....	GTR Brasil Participacoes Ltda	Ownership.....	97.000 ...	TIAA Board of Governors		
				5198809			Jatoba Brasil Investimentos Florestais Ltda	..BRA.....	..NIA.....	GTR Brasil Participacoes Ltda	Ownership.....	100.000 ...	TIAA Board of Governors		
				5481891			Mamoneira Agropastoril S.A.	..BRA.....	..NIA.....	GTR Brasil Participacoes Ltda	Influence.....		TIAA Board of Governors		
							Mogno das Alterosas Investimentos Florestais S.A.	..BRA.....	..NIA.....	GTR Brasil Participacoes Ltda	Influence.....		TIAA Board of Governors		
				5481903			Paineira Investimentos Florestais S.A.	..BRA.....	..NIA.....	GTR Brasil Participacoes Ltda	Ownership.....	97.000 ...	TIAA Board of Governors		
				5198818						Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			45-3479281	4599306			TIAA Infrastructure Investments, LLC	..DE.....	..NIA.....	TIAA Infrastructure Investments, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			87-3292924	5660632			730 Darwin Holdings LLC	..DE.....	..NIA.....	TIAA Infrastructure Investments, LLC	Ownership.....	100.000 ...	TIAA Board of Governors		

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
			5683266				Glennmont Clean Energy Fund IV A SCSP	..LUX.....	..NIA.....	730 Darwin Holdings LLC	Ownership.....	100.000	TIAA Board of Governors		
			81-5307354	5153983			730 Parking LLC	..DE.....	..NIA.....	TIAA Infrastructure Investments, LLC	Ownership.....	100.000	TIAA Board of Governors		
			81-5302296	5157879			730 Interpark, LLC	..DE.....	..NIA.....	730 Parking LLC	Ownership.....	100.000	TIAA Board of Governors		
			4936107				A-30 Canadian Transport Inc.	..CAN.....	..NIA.....	TIAA Infrastructure Investments, LLC	Ownership.....	100.000	TIAA Board of Governors		
			4887571				1867 Infrastructure Holdings Inc.	..CAN.....	..NIA.....	A-30 Canadian Transport Inc.	Ownership.....	..51.000	TIAA Board of Governors		
			4946843				Holding 1867 NA30 Inc.	..CAN.....	..NIA.....	1867 Infrastructure Holdings Inc.	Ownership.....	100.000	TIAA Board of Governors		
			38-3857916	4602813			I 595 Toll Road, LLC	..DE.....	..NIA.....	TIAA Infrastructure Investments, LLC	Ownership.....	100.000	TIAA Board of Governors		
			46-5279686 ..	4810775			North American Sustainable Energy Fund, L.P.	..DE.....	..NIA.....	TIAA Infrastructure Investments, LLC	Ownership.....	100.000	TIAA Board of Governors		
				4946852			Energy Power Investment Company, LLC	..DE.....	..NIA.....	North American Sustainable Energy Fund, L.P.	Ownership.....	..90.500	TIAA Board of Governors		
				4947318			EPP Renewable Energy, LLC	..DE.....	..NIA.....	Energy Power Investment Company, LLC	Ownership.....	100.000	TIAA Board of Governors		
				4810597			North American Sustainable Energy GP, LLC ...	..DE.....	..NIA.....	TIAA Infrastructure Investments, LLC	Ownership.....	..99.900	TIAA Board of Governors		
				4810551			North American Sustainable Energy Manager, LLC	..DE.....	..NIA.....	TIAA Infrastructure Investments, LLC	Ownership.....	100.000	TIAA Board of Governors		
			88-4376843 ..				TIAA NBS, LLC	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			45-2665869 ..	4601115			TIAA Oil and Gas Investments, LLC	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			45-1286237 ..	4602877			Actgas, LLC	..DE.....	..NIA.....	TIAA Oil and Gas Investments, LLC	Ownership.....	100.000	TIAA Board of Governors		
			46-3410649 ..	4602925			Actoil Bakken, LLC	..DE.....	..NIA.....	TIAA Oil and Gas Investments, LLC	Ownership.....	100.000	TIAA Board of Governors		
			46-3628993 ..	4602934			Actoil Utica, LLC	..DE.....	..NIA.....	TIAA Oil and Gas Investments, LLC	Ownership.....	100.000	TIAA Board of Governors		
			11-3519531 ..	4601133			TIAA Realty, LLC	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			81-0902394 ..	4949125			T-C 77 Central LLC	..DE.....	..NIA.....	TIAA Realty, LLC	Ownership.....	100.000	TIAA Board of Governors		
			47-2249307 ..	4763161			T-C 680 Belleville LLC	..DE.....	..NIA.....	TIAA Realty, LLC	Ownership.....	100.000	TIAA Board of Governors		
			46-2678242 ..	4611721			T-C Port Northwest Development, LLC	..DE.....	..NIA.....	TIAA Realty, LLC	Ownership.....	100.000	TIAA Board of Governors		
			81-3961919 ..	5047626			TGA 70 Federal Street LLC	..DE.....	..NIA.....	TIAA Realty, LLC	Ownership.....	100.000	TIAA Board of Governors		
			82-2885306 ..	5688542			TIAA RFS, LLC	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			82-2335773 ..				TIAA Advisory, LLC	..DE.....	..NIA.....	TIAA RFS, LLC	Ownership.....	100.000	TIAA Board of Governors		
			20-2904312 ..	4314479			TIAA-CREF Insurance Agency, LLC	..DE.....	..NIA.....	TIAA RFS, LLC	Ownership.....	100.000	TIAA Board of Governors		
			85-3343718 ..	5601390			TIAA Shared Services, LLC	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			81-2755014 ..	5011346			TIAA SMA Strategies, LLC	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			45-3029655 ..	4601197			TIAA-Stonepeak Investments I, LLC	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			45-3030923 ..	4601245			TIAA-Stonepeak Investments II, LLC	..DE.....	..NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Governors		
			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 Governors		
			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 Governors		
			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 Governors		
			46-4653326 ..	4801830			T-C International Plaza Investor GP LLC	..DE.....	..NIA.....	T-C International Plaza REIT LLC	Ownership.....	100.000	TIAA Board of Governors		
			46-4680948 ..	4801849			T-C International Plaza Investor LP LLC	..DE.....	..NIA.....	T-C International Plaza REIT LLC	Ownership.....	100.000	TIAA Board of Governors		
			38-3173536 ..	2884259			Tampa Westshore Associates Limited Partnership	..DE.....	..NIA.....	T-C International Plaza Investor LP LLC ..	Influence.....		TIAA Board of Governors		
			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 Governors		
			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 Governors		
			4615617				Grand Canal Shoppes Holdings, LLC	..DE.....	..NIA.....	T-C Las Vegas Retail Investor LLC	Influence.....		TIAA Board of Governors		

STATEMENT AS OF MARCH 31, 2023 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
			45-3165203 ..	4644064	1544129		T-C Midwest REIT, LLC	..DE.....	NIA.....	T-C Super Regional Mall Venture, LLC	Ownership.....	..99.800	TIAA Board of Governors		
			45-2211957 ..	4644073			T-C Midwest Retail, LLC	..DE.....	NIA.....	T-C Midwest REIT, LLC	Ownership.....	..100.000	TIAA Board of Governors		
				4644288			CBL/T-C, LLC	..DE.....	NIA.....	T-C Midwest Retail, LLC	Ownership.....	..50.000	TIAA Board of Governors		
			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 Governors		
			27-4117159 ..	4644091			T-C Montgomery Mall, LLC	..DE.....	NIA.....	T-C Montgomery Mall REIT, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			95-4658637 ..	4644886			Montgomery Mall of Maryland, LLC	..MD.....	NIA.....	T-C Montgomery Mall, LLC	Ownership.....	..50.000	TIAA Board of Governors		
							Teachers Insurance and Annuity Association of America	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
			45-1286386 ..	4601526			TIAA SynGas, LLC	..DE.....	NIA.....	TIAA SynGas, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			13-1624203 ..	4741758			730 Catsolar, LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
							TIAA Union Place Phase I, LLC	..DE.....	NIA.....	TIAA Union Place Phase I, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			20-8892977 ..	4599810			Union Place Phase I, LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
			20-8281443 ..	4640066						TIAA Union Place Phase I, LLC	Ownership.....	..100.000	TIAA Board of Governors		
							TIAA Ventures LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
							Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
			45-4486211 ..	4602886			TIAA Wind Investments, LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
				4626136			Capistrano Wind Partners, LLC	..DE.....	NIA.....	TIAA Wind Investments, LLC	Influence.....		TIAA Board of Governors		
							TIAA-CREF Individual & Institutional Services, LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
			55-0856733 ..	4314349	882928					Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
							Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
			20-8384004 ..	4599490			TIAA-CREF LPHC, LLC	..DE.....	NIA.....	TIAA-CREF LPHC, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			46-1191235 ..	5018671	1611288		TIAA-CREF Real Property Fund GP, LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
							Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
			20-5591124 ..	4314273			TIAA-CREF Redwood, LLC	..DE.....	NIA.....	TIAA-CREF Redwood, LLC	Ownership.....	..100.000	TIAA Board of Governors		
			20-5631854 ..	4314282			TIAA Kapsick, LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
							Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
			13-4026557 ..	4314116	1627236		TIAA-CREF Tuition Financing, Inc.	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
							Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
				4844163			UK PPP Investments, LP	..GBR.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
				4848590			Wigg (Holdings) Limited	..GBR.....	NIA.....	UK PPP Investments, LP	Ownership.....	..100.000	TIAA Board of Governors		
				4848983			Wigg Investments Limited	..GBR.....	NIA.....	Wigg (Holdings) Limited	Ownership.....	..100.000	TIAA Board of Governors		
				4849739			Merseylink (Holdings) Limited	..GBR.....	NIA.....	Wigg Investments Limited	Influence.....		TIAA Board of Governors		
				4852298			Merseylink (Finance) Limited	..GBR.....	NIA.....	Merseylink (Holdings) Limited	Ownership.....	..100.000	TIAA Board of Governors		
				4860239			Merseylink Limited	..GBR.....	NIA.....	Merseylink (Finance) Limited	Ownership.....	..100.000	TIAA Board of Governors		
				4858638			Merseylink (Issuer) plc	..GBR.....	NIA.....	Merseylink (Finance) Limited	Ownership.....	..100.000	TIAA Board of Governors		
							Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
			87-1101091 ..	5616040			Union Property Operations NRE III LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
							Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
			36-4932527 ..	5514614			U.S. Cities Industrial Fund LP	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Management.....		TIAA Board of Governors		
							Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	Management.....		TIAA Board of Governors		
			30-1108455 ..	5115507			U.S. Cities Multifamily Fund LP	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Management.....		TIAA Board of Governors		
							Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	Ownership.....	..100.000	TIAA Board of Governors		
			82-3970010 ..	5671991			U.S. Cities Retail Fund LP	..DE.....	NIA.....	U.S. Cities Retail Fund LP	Ownership.....	..100.000	TIAA Board of Governors		
			82-4016503 ..	5671982			U.S. Cities Retail Fund REIT LLC	..DE.....	NIA.....	U.S. Cities Retail Fund LP	Ownership.....	..100.000	TIAA Board of Governors		
			82-4069923 ..	5671973			U.S. Cities Retail Fund Operating GP LLC	..DE.....	NIA.....	U.S. Cities Retail Fund REIT LLC	Ownership.....	..100.000	TIAA Board of Governors		
			82-4037905 ..	5671058			U.S. Cities Retail Fund Operating LP	..DE.....	NIA.....	U.S. Cities Retail Fund REIT LLC	Ownership.....	..100.000	TIAA Board of Governors		
			46-0750331 ..	4612111			T-C 919 N. Michigan Avenue Retail, LLC	..DE.....	NIA.....	U.S. Cities Retail Fund Operating LP	Ownership.....	..100.000	TIAA Board of Governors		
							USCRF KRG JV Investor Member LLC	..DE.....	NIA.....	U.S. Cities Retail Fund Operating LP	Ownership.....	..100.000	TIAA Board of Governors		
			37-1904986 ..				KRG USCRF Retail Portfolio LLC	..DE.....	NIA.....	USCRF KRG JV Investor Member LLC	Ownership.....	..100.000	TIAA Board of Governors		
							KRG 951 & 41, LLC	..DE.....	NIA.....	KRG USCRF Retail Portfolio LLC	Ownership.....	..100.000	TIAA Board of Governors		
							KRG Livingston Center, LLC	..DE.....	NIA.....	KRG USCRF Retail Portfolio LLC	Ownership.....	..100.000	TIAA Board of Governors		

STATEMENT AS OF MARCH 31, 2023 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? (Yes/No)	*
							KRG-USCRF Plaza Volente, LLC	..DE.....	NIA.....	KRG USCRF Retail Portfolio LLC Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			38-4104483	5115516			U.S. Cities Workplace Fund LP	..DE.....	NIA.....	U.S. Cities Workplace Fund LP	Ownership.....	70.290 ...	TIAA Board of Governors		
			61-1914684	5115945			U.S. Cities Office Fund REIT LLC	..DE.....	NIA.....	U.S. Cities Office Fund REIT LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
				5116595			U.S. Cities Workplace Fund Operating GP LLC	..DE.....	NIA.....	U.S. Cities Office Fund REIT LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			36-4919858	5116791			U.S. Cities Workplace Fund Operating LP	..DE.....	NIA.....	U.S. Cities Office Fund REIT LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			87-4526709	5704442			USCOF 5500 Jefferson LLC	..DE.....	NIA.....	U.S. Cities Workplace Fund Operating LP ...	Ownership.....	100.000 ...	TIAA Board of Governors		
			84-4773752	5515219			USCOF Maryland Farms Holdings LLC	..DE.....	NIA.....	U.S. Cities Workplace Fund Operating LP ...	Ownership.....	100.000 ...	TIAA Board of Governors		
							U.S. Cities Office Fund Maryland Farms Co-Invest	..DE.....	NIA.....	USCOF Maryland Farms Holdings LLC	Ownership.....	51.000 ...	TIAA Board of Governors		3600 ...
			84-4775239	5538834						U.S. Cities Office Fund Maryland Farms Co-Invest	Ownership.....	97.000 ...	TIAA Board of Governors		
			84-4775394	5585119			VRE-NRE Maryland Farms Venture	..DE.....	NIA.....	U.S. Cities Workplace Fund Operating LP ...	Ownership.....	100.000 ...	TIAA Board of Governors		
			87-1365205	5700574			USCOF Mobius Operating Member LLC	..DE.....	NIA.....	U.S. Cities Workplace Fund Operating LP ...	Ownership.....	100.000 ...	TIAA Board of Governors		
			85-3371600	5613272			USCOF Optical Court LLC	..DE.....	NIA.....	U.S. Cities Workplace Fund Operating LP ... Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			82-3988257	5612417			U.S. Core-Plus Real Estate Debt Fund LP	..DE.....	NIA.....	U.S. Core-Plus Real Estate Debt Fund LP ...	Management.....		TIAA Board of Governors		
			82-3760575	5612435			CRED REIT LLC	..DE.....	NIA.....	U.S. Core-Plus Real Estate Debt Fund LP ...	Ownership.....	100.000 ...	TIAA Board of Governors		
			47-1938723	5612444			CRED REIT Holdco LLC	..DE.....	NIA.....	CRED REIT LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			84-2113010	5619274			CRED Glenhardie LLC	..DE.....	NIA.....	CRED REIT Holdco LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			85-1296109	5618437			CRED HO LLC	..DE.....	NIA.....	CRED REIT Holdco LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			86-3290456	5612471			CRED REIT Holdco Alta LLC	..DE.....	NIA.....	CRED REIT Holdco LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			87-1440716	5617793			CRED REIT Holdco Hacienda LLC	..DE.....	NIA.....	CRED REIT Holdco LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			87-0979505	5616415			CRED REIT Holdco Phoenix Industrial LLC	..DE.....	NIA.....	CRED REIT Holdco LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			83-2024014	5658424			CRED REIT Holdco Seller LLC	..DE.....	NIA.....	CRED REIT Holdco LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			81-1392434	5658415			CRED REIT Holdco TRS LLC	..DE.....	NIA.....	CRED REIT Holdco LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			86-2266688	5612453			CRED REIT Holdco Velocity LLC	..DE.....	NIA.....	CRED REIT Holdco LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			82-4800804				CRED REIT Manager LLC	..DE.....	NIA.....	CRED REIT Holdco LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			82-5347019				CRED REIT Member LP	..DE.....	NIA.....	CRED REIT Holdco LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			87-2932666	5656774			CRED SJA 555 Mangum LLC	..DE.....	NIA.....	CRED REIT Holdco LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			88-1712199	5730517			CRED SJA Cornerstone LLC	..DE.....	NIA.....	CRED REIT Holdco LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			88-3419951				CRED SJA Norcross LLC	..DE.....	NIA.....	CRED REIT Holdco LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			88-1712389	5730508			CRED SJA Sonoma LLC	..DE.....	NIA.....	CRED REIT Holdco LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			88-2696709				CRED SJA Vistas LLC	..DE.....	NIA.....	CRED REIT Holdco LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			88-3419525				CRED SJA Woodland LLC	..DE.....	NIA.....	CRED REIT Holdco LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			83-3184068	5613302			CRED Slabtown LLC	..DE.....	NIA.....	CRED REIT Holdco LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
			83-4107560	5613290			CRED West Coast Industrial LLC	..DE.....	NIA.....	CRED REIT Holdco LLC	Ownership.....	100.000 ...	TIAA Board of Governors		
										Teachers Insurance and Annuity Association of America	Management.....		TIAA Board of Governors		
			85-2116787	5599723			U.S. Strategic Industrial Fund II LP	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			84-3440905	5514128			Western A Midwest TN, LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			83-1931152	5700659			Winslow Growth Capital Fund II, L.P.	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		
			51-0141732	4599829			WRC Properties, LLC	..DE.....	NIA.....	Teachers Insurance and Annuity Association of America	Ownership.....	100.000 ...	TIAA Board of Governors		

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.

STATEMENT AS OF MARCH 31, 2023 OF THE TIAA-CREF LIFE INSURANCE COMPANY

Asterisk	Explanation
0200	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.
0300	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.
0400	Nuveen CP LLC is owned 79.2% by Nuveen CP Holdings 1 LLC and 0.8% by Nuveen CP Holdings 2 LLC.
0500	TGAM APAC LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
0600	TGAM HK HC LLC is ultimately controlled and owned entirely by TIAA, with TGAM APAC LLC, TGAM Asia LLC, TIAA International APAC LLC and TIAA International Asia LLC each owning 25%
0700	TGAM Asia LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
0800	TIAA International APAC LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
0900	TIAA International Asia LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
1000	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.
1100	Clean Energy Partners HoldCo LLP is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA International Holdings 2, Ltd. and 1% owned by TIAA International Holdings 1, Ltd.
1200	Nuveen Investment Management Holdings 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.
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	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%.
1500	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.
1600	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.
1700	1608 Chestnut Partners LP is ultimately controlled by TIAA, with 99% owned by T-C 1608 Chestnut Limited Partner LLC and 1% owned by T-C 1608 Chestnut General Partner LLC.
1800	Global Real Estate Debt Partners Fund I (UK) SCSp is controlled by TIAA, which owns 36.5%. T-C Lux Investments Special Limited Partnership, which is 100% owned by TIAA, owns 24.3%.
1900	Radar Propriedades Agrícolas S.A. is owned 65.77% by Mansilla Participacoes LTDA and 15.31% by Radar II Propriedades Agrícolas S.A.
2000	ND Properties LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA and 1% owned by TGA Minority Interest Holdings LLC.
2100	Cityhold Nympe S.à r.l. (Nympe) is owned by TIAA via a 25% ownership of Cityhold Office Partnership S.à r.l., which owns 88% of Nympe, and 3% owned by wholly-owned ND Europe Office Holding S.à r.l.
2200	OVG Cloud S.à r.l. (OVG) is owned by TIAA via a 25% ownership of Cityhold Propco 11 S.à r.l. (10.1% of OVG) and Cityhold Propco 12 S.à r.l. (89.9% of OVG).
2300	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.
2400	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%).
2500	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%).
2600	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%).
2700	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%).
2800	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%).
2900	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%.
3000	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.
3100	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%).
3200	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%.
3300	Asia Pacific Cities Fund, FCP is owned 12.04% by TGA APAC Fund Holdings, LLC and 12.04% by TGA Real Estate Fund Holdings, LLC
3400	TGA European RE Holdings I, LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA and 1% owned by TGA Minority Interest Holdings LLC.
3500	VIE Student House A GmbH & Co 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%.
3600	U.S. Cities Office Fund Maryland Farms Co-Invest is controlled by TIAA, with 51% owned by USCOF Maryland Farms Holdings LLC and 49% owned by TGA Maryland Farms Holdings LLC.
3700	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.
3800	Tellus Brasil Participaco S.A. is owned 48.9% by Terraviva Brasil Participaco Ltda. and 0.47% by Nova Gaia Brasil Participaco Ltda.
3900	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, 2023 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. In the case of an ongoing statement of exemption, enter "SEE EXPLANATION" and provide as an explanation that the company is utilizing an ongoing statement of exemption.	N/A

AUGUST FILING

9. Will the regulator-only (non-public) Communication of Internal Control Related Matters Noted in Audit be filed with the state of domicile and electronically with the NAIC (as a regulator-only non-public document) by August 1? 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 interest paid and commitment fees		
9. Total foreign exchange change in book value/recorded investment excluding accrued interest		
10. Deduct current year's other than temporary impairment recognized		
11. Book value/recorded investment excluding accrued interest at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)		
12. Total valuation allowance		
13. Subtotal (Line 11 plus Line 12)		
14. Deduct total nonadmitted amounts		
15. Statement value at end of current period (Line 13 minus Line 14)		

SCHEDULE BA - VERIFICATION

Other Long-Term Invested Assets

	1	2
	Year to Date	Prior Year Ended December 31
1. Book/adjusted carrying value, December 31 of prior year	4,621,049	4,644,705
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	397	1,527
5. Unrealized valuation increase (decrease)		
6. Total gain (loss) on disposals		
7. Deduct amounts received on disposals		
8. Deduct amortization of premium and depreciation	6,470	25,183
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)	4,614,976	4,621,049
12. Deduct total nonadmitted amounts		
13. Statement value at end of current period (Line 11 minus Line 12)	4,614,976	4,621,049

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	13,364,581,025	12,447,874,701
2. Cost of bonds and stocks acquired	287,181,874	3,062,512,155
3. Accrual of discount	3,158,817	9,274,981
4. Unrealized valuation increase (decrease)	(247,915)	(645,802)
5. Total gain (loss) on disposals	(8,797,024)	20,167,499
6. Deduct consideration for bonds and stocks disposed of	178,767,822	2,163,422,388
7. Deduct amortization of premium	1,918,518	8,920,508
8. Total foreign exchange change in book/adjusted carrying value		
9. Deduct current year's other than temporary impairment recognized		2,713,286
10. Total investment income recognized as a result of prepayment penalties and/or acceleration fees		453,673
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10)	13,465,190,437	13,364,581,025
12. Deduct total nonadmitted amounts		
13. Statement value at end of current period (Line 11 minus Line 12)	13,465,190,437	13,364,581,025

STATEMENT AS OF MARCH 31, 2023 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 1B

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

NAIC Designation	1 Book/Adjusted Carrying Value Beginning of Current Quarter	2 Acquisitions During Current Quarter	3 Dispositions During Current Quarter	4 Non-Trading Activity During Current Quarter	5 Book/Adjusted Carrying Value End of First Quarter	6 Book/Adjusted Carrying Value End of Second Quarter	7 Book/Adjusted Carrying Value End of Third Quarter	8 Book/Adjusted Carrying Value December 31 Prior Year
BONDS								
1. NAIC 1 (a)	8,503,110,746	1,703,070,348	1,689,155,939	14,778,044	8,531,803,199			8,503,110,746
2. NAIC 2 (a)	4,905,251,479	106,826,583	67,546,520	(13,266,892)	4,931,264,650			4,905,251,479
3. NAIC 3 (a)	32,645,486			120,950	32,766,436			32,645,486
4. NAIC 4 (a)	10,015,104			37,574	10,052,678			10,015,104
5. NAIC 5 (a)	150,897		12,776	4,155	142,276			150,897
6. NAIC 6 (a)								
7. Total Bonds	13,451,173,712	1,809,896,931	1,756,715,235	1,673,831	13,506,029,239			13,451,173,712
PREFERRED STOCK								
8. NAIC 1								
9. NAIC 2	8,400,000				8,400,000			8,400,000
10. NAIC 3								
11. NAIC 4								
12. NAIC 5								
13. NAIC 6	976,307			(247,916)	728,391			976,307
14. Total Preferred Stock	9,376,307			(247,916)	9,128,391			9,376,307
15. Total Bonds and Preferred Stock	13,460,550,019	1,809,896,931	1,756,715,235	1,425,915	13,515,157,630			13,460,550,019

(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 \$ 49,967,235 ; 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	Premium	Actual Cost	Interest Collected Year-to-Date	Paid for Accrued Interest Year-to-Date
7709999999 Totals		XX			

NONE

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		96,343
2. Cost of short-term investments acquired		
3. Accrual of discount		
4. Unrealized valuation increase (decrease)		
5. Total gain (loss) on disposals		
6. Deduct consideration received on disposals		96,343
7. Deduct amortization of premium		
8. Total foreign exchange change in book/adjusted carrying value		
9. Deduct current year's other than temporary impairment recognized		
10. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9)		
11. Deduct total nonadmitted amounts		
12. Statement value at end of current period (Line 10 minus Line 11)		

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	95,969,036	170,998,870
2. Cost of cash equivalents acquired	1,522,715,056	5,254,956,275
3. Accrual of discount	433,532	588,156
4. Unrealized valuation increase (decrease)		
5. Total gain (loss) on disposals	841	27,314
6. Deduct consideration received on disposals	1,569,151,231	5,330,592,813
7. Deduct amortization of premium		8,766
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)	49,967,234	95,969,036
11. Deduct total nonadmitted amounts		
12. Statement value at end of current period (Line 10 minus Line 11)	49,967,234	95,969,036

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, 2023 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, NAIC Designation Modifier and SVO Administrative Symbol
06644E-AG-3	GOVERNMENT NATIONAL MORTGAGE 6.260% 03/15/56		03/30/2023	WELLS FARGO		6,179,881	6,000,000	18,780	1.A FE
38381B-E5-9	GOVERNMENT NATIONAL MORTGAGE SERIES 2019-5 CLASS ZC 3.500% 11/20/48		03/01/2023	Interest Capitalization		69,511	69,511		1.A
912828-4N-7	US TREASURY N/B United States Treasury No 2.87 2.875% 05/15/28		02/08/2023	Various		3,192,637	3,300,000	21,156	1.A
0109999999. Subtotal - Bonds - U.S. Governments						9,442,029	9,369,511	39,936	XXX
64966Q-GA-2	NEW YORK NY SERIES C-3 2.490% 08/01/34		01/17/2023	U.S. BANCORP LIBRA		10,173,589	12,700,000	147,574	1.C FE
79773K-KZ-6	SAN FRANCISCO CA CITY & CNTY SERIES C 4.450% 06/15/34		03/29/2023	ROBERT W. BAIRD & COMPANY INC		3,740,000	3,740,000		1.A FE
79773K-LA-0	SAN FRANCISCO CA CITY & CNTY SERIES C 4.500% 06/15/35		03/29/2023	ROBERT W. BAIRD & COMPANY INC		3,905,000	3,905,000		1.A FE
79773K-LB-8	SAN FRANCISCO CA CITY & CNTY SERIES C 4.550% 06/15/36		03/29/2023	ROBERT W. BAIRD & COMPANY INC		4,080,000	4,080,000		1.A FE
0709999999. Subtotal - Bonds - U.S. Political Subdivisions of States, Territories and Possessions						21,898,589	24,425,000	147,574	XXX
3136A9-2X-5	FNR 2012-118 ZV Z SEQ 3.000% 11/25/42		03/01/2023	Interest Capitalization		57,354	57,354		1.A
3137BB-FB-1	FHR 4352 ZW EXCH Z SEQ 3.000% 06/15/44		03/01/2023	Interest Capitalization		108,787	108,787		1.A
3137BG-3K-3	FHR 4430 Z Z SEQ 4.000% 01/15/45		03/01/2023	Interest Capitalization		137,640	137,640		1.A
3137BN-ED-2	FHR 4565 DZ Z SEQ 3.000% 03/15/46		03/01/2023	Interest Capitalization		46,279	46,279		1.A
3137BP-Q2-8	FHR 4579 GZ Z SEQ 3.000% 05/15/46		03/01/2023	Interest Capitalization		97,391	97,391		1.A
3137BT-2L-4	FHR 4631 VZ Z SEQ 3.500% 11/15/46		03/01/2023	Interest Capitalization		46,271	46,271		1.A
3137FG-3N-3	FHR 4801 ZD Z SEQ 4.000% 06/15/48		03/01/2023	Interest Capitalization		122,895	122,895		1.A
650035-6A-1	NEW YORK ST URBAN DEV CORP REV SERIES D-2 3.420% 03/15/31		03/28/2023	U.S. BANCORP LIBRA		4,543,250	5,000,000	7,125	1.B FE
755562-DW-2	READING PA AREA WTR AUTH 2.659% 12/01/34		01/18/2023	U.S. BANCORP LIBRA		3,152,243	3,830,000	13,862	1.C FE
0909999999. Subtotal - Bonds - U.S. Special Revenues						8,312,110	9,446,617	20,987	XXX
00834J-AA-8	AFFIRM INC SERIES 2023-A CLASS A 144A 6.610% 01/18/28		01/19/2023	CITIGROUP GLOBAL MARKETS INC		4,999,892	5,000,000		1.A FE
020002-BK-6	ALLSTATE CORP 5.250% 03/30/33		03/29/2023	Various		25,005,238	25,000,000		1.G FE
031162-DT-4	AMGEN INC 5.650% 03/02/53		02/15/2023	CITIGROUP GLOBAL MARKETS INC		3,594,816	3,600,000		2.A FE
039482-AE-4	ARCHER DANIELS MIDLAND C 4.500% 08/15/33		03/29/2023	Various		19,885,396	20,000,000		1.F FE
05377R-GU-2	AVIS BUDGET RENTAL CAR FUNDING SERIES 2023-3A CLASS A 144A 5.440% 02/22/28		03/30/2023	CITIGROUP GLOBAL MARKETS INC		3,349,437	3,350,000		1.A FE
05377R-GY-4	AVIS BUDGET RENTAL CAR FUNDING SERIES 2023-4A CLASS A 144A 5.490% 06/20/29		03/30/2023	CITIGROUP GLOBAL MARKETS INC		5,097,828	5,100,000		1.A FE
06540B-BD-0	BANK SERIES 2019-BN21 CLASS A5 2.851% 10/17/52		02/06/2023	WELLS FARGO		534,258	600,000	333	1.A
08162P-AZ-4	BMARK 2018-B1 AM SUB AFC 3.878% 01/15/51		01/13/2023	BREAN MURRAY CARRET & CO. LLC.		6,552,656	7,000,000	12,819	1.A
08163H-AE-8	BENCHMARK MORTGAGE TRUST SERIES 2021-B27 CLASS A5 2.390% 07/15/54		03/23/2023	JP MORGAN SECURITIES		2,783,750	3,400,000	5,869	1.A
115637-AU-4	BROWN FORMAN CORP 4.750% 04/15/33		03/28/2023	Various		12,942,542	12,925,000	6,927	1.G FE
17328F-AW-5	CGMT 2019-GC41 A5 SEQ 2.869% 08/10/56		03/27/2023	BANK OF AMERICA		7,018,125	8,000,000	17,850	1.A
370334-CT-9	GENERAL MILLS INC 4.950% 03/29/33		03/27/2023	Various		21,625,044	21,600,000		2.B FE
43283G-AA-0	HILTON GRAND VACATIONS TRUST SERIES 2022-2A CLASS A 144A 4.300% 01/25/37		03/28/2023	StoneX Group Inc		168,217	174,601	104	1.A FE
548661-EQ-6	LOWE S COS INC 5.150% 07/01/33		03/29/2023	Various		28,108,100	28,100,000		2.A FE
59217G-FP-9	MET LIFE GLOB FUNDING I SERIES 144A 5.150% 03/28/33		03/21/2023	JP MORGAN SECURITIES		10,710,092	10,725,000		1.D FE
666807-CJ-9	NORTHROP GRUMMAN CORP 4.950% 03/15/53		02/06/2023	WELLS FARGO		9,958,900	10,000,000		2.A FE
68233J-CF-9	ONCOR ELECTRIC DELIVERY SERIES WI 4.150% 06/01/32		01/13/2023	Tax Free Exchange		8,345,999	8,375,000	40,549	1.F FE
68233J-CH-5	ONCOR ELECTRIC DELIVERY SERIES WI 4.600% 06/01/52		01/13/2023	Tax Free Exchange		5,946,471	6,000,000	32,200	1.F FE
6944PL-2S-7	PACIFIC LIFE OF IL SERIES 144A 4.900% 04/04/28		03/28/2023	JP MORGAN SECURITIES		19,922,600	20,000,000		1.D FE
718547-AR-3	PHILLIPS 66 5.300% 06/30/33		03/28/2023	Various		31,899,277	32,025,000	493	2.A FE
744320-BL-5	PRUDENTIAL FINANCIAL INC 6.750% 03/01/53		02/22/2023	JP MORGAN SECURITIES		3,000,000	3,000,000		2.B FE
78409V-BH-6	S&P GLOBAL INC SERIES WI 2.450% 03/01/27		02/28/2023	Tax Free Exchange		6,347,768	6,375,000	78,094	1.G FE
744330-AA-9	PRUDENTIAL FUNDING ASIA 3.125% 04/14/30	D.	03/03/2023	Tax Free Exchange		1,092,295	1,100,000	13,273	1.F FE
874060-AZ-9	TAKEDA PHARMACEUTICAL 3.175% 07/09/50	D.	02/06/2023	JEFFERIES & CO. INC.		3,679,900	5,000,000	12,788	2.B FE
892938-AA-9	TRANE TECH FIN LTD 5.250% 03/03/33	D.	02/16/2023	JP MORGAN SECURITIES		2,197,118	2,200,000		2.B FE
92857W-BY-5	VODAFONE GROUP PLC 5.625% 02/10/53	D.	02/07/2023	BANK OF AMERICA		2,763,428	2,775,000		2.B FE
1109999999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)						247,529,147	251,424,601	221,299	XXX
2509999997. Total - Bonds - Part 3						287,181,875	294,665,729	429,796	XXX
2509999998. Total - Bonds - Part 5						XXX	XXX	XXX	XXX

STATEMENT AS OF MARCH 31, 2023 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, NAIC Designation Modifier and SVO Admini- strative Symbol
2509999999. Total - Bonds						287,181,875	294,665,729	429,796	XXX
4509999997. Total - Preferred Stocks - Part 3							XXX		XXX
4509999998. Total - Preferred Stocks - Part 5						XXX	XXX	XXX	XXX
4509999999. Total - Preferred Stocks							XXX		XXX
5989999997. Total - Common Stocks - Part 3							XXX		XXX
5989999998. Total - Common Stocks - Part 5						XXX	XXX	XXX	XXX
5989999999. Total - Common Stocks							XXX		XXX
5999999999. Total - Preferred and Common Stocks							XXX		XXX
6009999999 - Totals						287,181,875	XXX	429,796	XXX

STATEMENT AS OF MARCH 31, 2023 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, NAIC Desig- nation Modifier and SVO Admini- strative Symbol
..228027-AA-6	VESSEL MANAGEMENT SERVIC US GOVT GUARANT 3.432% 08/15/36 .....	.....	02/15/2023	Call 100.0000 .....	.....	89,000	89,000	89,000	89,000	.....	.....	.....	.....	.....	89,000	.....	.....	.....	1,527	08/15/2036	1.A
..228027-AB-4	VESSEL MANAGEMENT SERVIC US GOVT GUARANT 3.477% 01/16/37 .....	.....	01/16/2023	Call 100.0000 .....	.....	140,000	140,000	140,000	140,000	.....	.....	.....	.....	.....	140,000	.....	.....	.....	2,434	01/16/2037	1.A
..29766D-AF-1	ETHIOPIAN LEASING 2012 US GOVT GUARANT 2.646% 05/12/26 .....	.....	02/12/2023	Redemption 100.0000 .....	.....	526,424	526,425	526,425	526,425	.....	.....	.....	.....	.....	526,425	.....	.....	.....	3,482	05/12/2026	1.A
..29766D-AG-9	ETHIOPIAN LEASING 2012 US GOVT GUARANT 2.566% 08/14/26 .....	.....	02/14/2023	Redemption 100.0000 .....	.....	213,260	213,260	213,260	213,260	.....	.....	.....	.....	.....	213,260	.....	.....	.....	1,368	08/14/2026	1.A
..302155-BA-3	EXP IMP IMB 2.628% 11/12/26 .....	.....	03/02/2023	Redemption 100.0000 .....	.....	219,093	219,093	219,093	219,093	.....	.....	.....	.....	.....	219,093	.....	.....	.....	1,450	11/12/2026	1.A
..30217T-AA-0	EXPORT LEASE TEN CO LLC US GOVT GUARANT 1.650% 05/07/25 .....	.....	02/07/2023	Redemption 100.0000 .....	.....	88,466	88,466	84,713	87,566	.....	.....	.....	900	900	88,466	.....	.....	.....	365	05/07/2025	1.A
..361744-PJ-1	GN A04025 3.700% 10/15/33 .....	.....	03/01/2023	Paydown 126,579 .....	.....	126,579	126,579	130,377	128,888	.....	(2,308)	.....	(2,308)	.....	126,579	.....	.....	.....	781	10/15/2033	1.A
..361708-L6-7	GNMA POOL BX3949 1.730% 07/15/37 .....	.....	03/01/2023	Paydown 391,896 .....	.....	391,896	391,896	392,386	392,285	.....	(389)	.....	(389)	.....	391,896	.....	.....	.....	1,131	07/15/2037	1.A
..36170U-LJ-0	GNMA POOL BZ0329 1.650% 07/15/42 .....	.....	03/01/2023	Paydown 314,274 .....	.....	314,274	314,274	314,372	314,345	.....	(71)	.....	(71)	.....	314,274	.....	.....	.....	865	07/15/2042	1.A
..36181R-5Z-4	GN AF9864 4.250% 09/15/38 .....	.....	03/01/2023	Paydown 348,157 .....	.....	348,157	348,157	380,375	376,194	.....	(28,037)	.....	(28,037)	.....	348,157	.....	.....	.....	2,469	09/15/2038	1.A
..690353-XM-4	OVERSEAS PRIVATE INV COR US GOVT GUARANT 3.590% 12/15/30 .....	.....	03/15/2023	Redemption 100.0000 .....	.....	35,714	35,714	35,714	35,714	.....	.....	.....	.....	.....	35,714	.....	.....	.....	321	12/15/2030	1.A
..690353-XN-2	OVERSEAS PRIVATE INV COR US GOVT GUARANT 3.540% 06/15/30 .....	.....	03/15/2023	Redemption 100.0000 .....	.....	124,997	124,997	124,997	124,997	.....	.....	.....	.....	.....	124,997	.....	.....	.....	1,106	06/15/2030	1.A
..71654Q-BL-5	PETROLEOS MEXICANOS US GOVT GUARANT 2.830% 02/15/24 .....	.....	02/15/2023	Redemption 100.0000 .....	.....	750,000	750,000	750,000	750,000	.....	.....	.....	.....	.....	750,000	.....	.....	.....	10,613	02/15/2024	1.A
..71654Q-BP-6	PETROLEOS MEXICANOS US GOVT GUARANT 2.290% 02/15/24 .....	.....	02/15/2023	Redemption 100.0000 .....	.....	750,000	750,000	750,000	750,000	.....	.....	.....	.....	.....	750,000	.....	.....	.....	8,588	02/15/2024	1.A
..71654Q-BS-0	PETROLEOS MEXICANOS US GOVT GUARANT 5.180% 04/15/25 .....	.....	01/17/2023	Redemption 100.0000 .....	.....	125,000	125,000	123,125	124,519	.....	481	.....	481	.....	125,000	.....	.....	.....	1,415	04/15/2025	1.A
..746388-AA-5	PURPLE CHEN 2011 LLC US GOVT GUARANT 2.735% 08/01/23 .....	.....	02/01/2023	Redemption 100.0000 .....	.....	609,288	609,288	609,288	609,288	.....	.....	.....	.....	.....	609,288	.....	.....	.....	4,166	08/01/2023	1.A
..79977T-AA-7	SANDALWOOD 2013 LLC US GOVT GUARANT 2.836% 07/10/25 .....	.....	01/10/2023	Redemption 100.0000 .....	.....	402,209	402,209	402,209	402,209	.....	.....	.....	.....	.....	402,209	.....	.....	.....	2,852	07/10/2025	1.A
..79977T-AB-5	SANDALWOOD 2013 LLC US GOVT GUARANT 2.897% 07/10/25 .....	.....	01/10/2023	Redemption 100.0000 .....	.....	354,890	354,890	354,890	354,890	.....	.....	.....	.....	.....	354,890	.....	.....	.....	2,570	07/10/2025	1.A
..90373R-AA-8	ULANI MSN 35940 LLC US GOVT GUARANT 2.227% 05/16/25 .....	.....	02/16/2023	Redemption 100.0000 .....	.....	208,333	208,333	208,333	208,333	.....	.....	.....	.....	.....	208,333	.....	.....	.....	1,160	05/16/2025	1.A
..912810-EP-9	US TREASURY N/B United States Treasury No 7.12 7.125% 04/15/23 .....	.....	03/15/2023	Maturity .....	.....	2,300,000	2,300,000	2,456,984	2,301,504	.....	(369)	.....	(369)	.....	2,301,134	.....	(1,134)	(1,134)	77,228	04/15/2023	1.A
0109999999. Subtotal - Bonds - U.S. Governments						8,117,580	8,117,581	8,305,541	8,148,510	.....	(29,793)	.....	(29,793)	.....	8,118,715	.....	(1,134)	(1,134)	125,891	XXX	XXX
..14440P-AA-1	CARPINTERO FINANCE LTD GOVT GTD. 2.004% 09/18/24	D.....	03/18/2023	Redemption 100.0000 .....	.....	237,812	237,812	237,812	237,812	.....	.....	.....	.....	.....	237,812	.....	.....	.....	1,191	09/18/2024	1.A Z
0309999999. Subtotal - Bonds - All Other Governments						237,812	237,812	237,812	237,812	.....	.....	.....	.....	.....	237,812	.....	.....	.....	1,191	XXX	XXX
..3132FC-F2-6	FHLMC POOL Z40185 5.500% 01/01/52 .....	.....	03/01/2023	Paydown 14,828 .....	.....	14,828	14,828	16,491	16,470	.....	(1,641)	.....	(1,641)	.....	14,828	.....	.....	.....	129	01/01/2052	1.A
..3133KY-SV-2	FHLMC POOL RB5032 2.500% 02/01/40 .....	.....	03/01/2023	Paydown 166,392 .....	.....	166,392	166,392	169,511	169,363	.....	(2,972)	.....	(2,972)	.....	166,392	.....	.....	.....	662	02/01/2040	1.A
..31359U-PG-4	FNW 1998-W2 B1 SUB 6.500% 06/25/28 .....	.....	02/01/2023	Paydown 11,110 .....	.....	11,110	11,110	10,634	10,874	.....	235	.....	235	.....	11,110	.....	.....	.....	89	06/25/2028	1.A
..31359U-PH-2	FNW 1998-W2 B2 SUB 6.500% 06/25/28 .....	.....	02/01/2023	Paydown 11,110 .....	.....	11,110	11,110	10,471	10,802	.....	308	.....	308	.....	11,110	.....	.....	.....	89	06/25/2028	1.A
..3136A1-T3-9	FNW 2011-115 MB PAC-11 2.500% 11/25/26 .....	.....	03/01/2023	Paydown 172,407 .....	.....	172,407	172,407	175,101	173,449	.....	(1,042)	.....	(1,042)	.....	172,407	.....	.....	.....	667	11/25/2026	1.A
..3136AA-A2-1	FNW 2012-133 NA PAC-11 1.500% 05/25/42 FNW 2012-138 QA EXCH PAC-11 2.000% 11/25/42 .....	.....	03/01/2023	Paydown 135,826 .....	.....	135,826	135,826	135,529	135,582	.....	245	.....	245	.....	135,826	.....	.....	.....	350	05/25/2042	1.A
..3136AA-FR-1	FNW 2016-53 GA SED 3.500% 12/25/43 .....	.....	03/01/2023	Paydown 321,547 .....	.....	321,547	321,547	328,329	326,698	.....	(5,151)	.....	(5,151)	.....	321,547	.....	.....	.....	1,065	11/25/2042	1.A
..3136AS-SM-4	FNW 2016-53 GA SED 3.500% 12/25/43 .....	.....	03/01/2023	Paydown 89,521 .....	.....	89,521	89,521	94,984	91,412	.....	(1,891)	.....	(1,891)	.....	89,521	.....	.....	.....	520	12/25/2043	1.A

STATEMENT AS OF MARCH 31, 2023 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Ident-ification	Description	For-eign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consid-eration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization)/ Accretion	Current Year's Other Than Temporary Impairment Recogn-ized	Total Change in Book/ Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Con-tractual Maturity Date	NAIC Desig-nation, NAIC Desig-nation Modifier and SVO Admini-strative Symbol
..3136AS-QR-0	FNR 2016-37 MJ EXCH SEQ 3.500% 08/25/43 ... FNR 2017-67 BN EXCH AD SEQ 3.000% 02/25/44		03/01/2023	Paydown		80,631	80,631	85,394	81,841		(1,209)		(1,209)		80,631				477	08/25/2043	1.A
..3136AX-M2-8			03/01/2023	Paydown		224,625	224,625	229,293	227,589		(2,963)		(2,963)		224,625				959	02/25/2044	1.A
..3136AX-TU-9	FNR 2017-62 AB EXCH PAC 3.000% 08/25/45		03/01/2023	Paydown		246,529	246,529	252,769	250,345		(3,816)		(3,816)		246,529				878	08/25/2045	1.A
..3136B2-XP-2	FNR 2018-58 P AD PAC 4.000% 12/25/44		03/01/2023	Paydown Redemption 100.0000		206,166	206,166	212,416	210,605		(4,439)		(4,439)		206,166				1,478	12/25/2044	1.A
..3136B7-3Z-2	FANNIE MAE FANNIE MAE 3.500% 11/01/49		03/01/2023			53,182	53,182	55,043	54,806		(1,625)		(1,625)		53,182				299	11/01/2049	1.A
..3137AG-R3-6	FHR 3935 GA EXCH PAC-11 3.000% 10/15/26		03/01/2023	Paydown		109,056	109,056	113,674	111,043		(1,987)		(1,987)		109,056				535	10/15/2026	1.A
..3137AG-UM-0	FHR 3940 CB SCH-11 3.000% 01/15/25		03/01/2023	Paydown		176,956	176,956	184,310	179,211		(2,255)		(2,255)		176,956				878	01/15/2025	1.A
..3137AJ-OP-7	FHR 3958 PA PAC-11 3.000% 11/15/26		03/01/2023	Paydown		78,444	78,444	81,750	79,945		(1,501)		(1,501)		78,444				394	11/15/2026	1.A
..3137BM-ZE-9	FHR 4550 GA SEQ 3.000% 10/15/41		03/01/2023	Paydown		190,063	190,063	197,636	190,289		(226)		(226)		190,063				929	10/15/2041	1.A
..3137BN-E8-3	FHR 4565 DM EXCH SEQ 3.000% 02/15/42		03/01/2023	Paydown		133,402	133,402	138,238	134,021		(619)		(619)		133,402				587	02/15/2042	1.A
..3137BS-DS-9	FHR 4622 HA SEQ 3.000% 11/15/43		03/01/2023	Paydown		142,741	142,741	149,432	145,519		(2,778)		(2,778)		142,741				778	11/15/2043	1.A
..3137BW-2C-7	FHR 4671 CA EXCH SEQ 3.500% 08/15/43		03/01/2023	Paydown		45,291	45,291	46,918	45,754		(464)		(464)		45,291				256	08/15/2043	1.A
..3137BW-YS-7	FHR 4674 AL SEQ 3.000% 07/15/45		03/01/2023	Paydown		209,595	209,595	196,135	203,623		5,972		5,972		209,595				1,058	07/15/2045	1.A
..3137F1-5E-4	FHR 4690 IIA EXCH SEQ 3.500% 12/15/43		03/01/2023	Paydown		230,225	230,225	237,852	232,358		(2,133)		(2,133)		230,225				1,248	12/15/2043	1.A
..3137FA-E7-9	FHR 4708 B EXCH SEQ 3.500% 10/15/44		03/01/2023	Paydown		145,986	145,986	151,141	147,411		(1,426)		(1,426)		145,986				814	10/15/2044	1.A
..3137FB-D3-7	FHR 4728 A EXCH SEQ 3.500% 02/15/45		03/01/2023	Paydown		88,545	88,545	91,572	89,584		(1,038)		(1,038)		88,545				494	02/15/2045	1.A
..3137FB-HU-3	FHR 4725 QT EXCH SEQ 3.500% 01/15/45		03/01/2023	Paydown		148,234	148,234	153,202	149,870		(1,636)		(1,636)		148,234				827	01/15/2045	1.A
..3137FG-NC-5	FHR 4809 JY EXCH SEQ 4.500% 05/15/48		03/01/2023	Paydown		140,045	140,045	144,228	144,228		(4,183)		(4,183)		140,045				1,018	05/15/2048	1.A
..3137FG-SK-2	FHR 4814 BA EXCH SC PT 4.500% 07/15/48		03/01/2023	Paydown		123,825	123,825	128,004	126,381		(2,556)		(2,556)		123,825				875	07/15/2048	1.A
..3138EL-N8-2	FNMA AL4014 3.500% 07/01/43		03/01/2023	Paydown		109,638	109,638	117,089	116,363		(6,726)		(6,726)		109,638				658	07/01/2043	1.A
..31392J-LN-7	FNR 2003-15 PG PAC-11 5.500% 03/25/33		03/01/2023	Paydown		19,885	19,885	19,122	19,518		367		367		19,885				185	03/25/2033	1.A
..31394B-WK-6	FNR 2004-96 QD PAC-11 5.500% 12/25/34		03/01/2023	Paydown		160,227	160,227	157,823	159,314		913		913		160,227				1,774	12/25/2034	1.A
..31395D-CQ-0	FNR 2006-41 ZV Z SEQ 6.000% 05/25/36		03/01/2023	Paydown		56,026	56,026	54,862	55,513		513		513		56,026				480	05/25/2036	1.A
..31395E-RK-5	FHR 2840 ZH Z SEQ 5.000% 08/15/34		03/01/2023	Paydown		16,011	16,011	13,529	15,306		705		705		16,011				131	08/15/2034	1.A
..31395N-GE-1	FNR 2006-45 AN SEQ 6.000% 06/25/26		03/01/2023	Paydown		40,793	40,793	40,398	40,557		236		236		40,793				394	06/25/2026	1.A
..31396G-L8-2	FHR 3101 PE PAC-1-11 5.500% 01/15/36		03/01/2023	Paydown		58,345	58,345	57,479	57,913		432		432		58,345				437	01/15/2036	1.A
..31397E-W5-0	FHR 3280 ME PAC-1-11 5.500% 02/15/37		03/01/2023	Paydown		14,970	14,970	14,776	14,899		71		71		14,970				127	02/15/2037	1.A
..31397J-MR-2	FHR 3341 B SEQ 6.000% 07/15/37		03/01/2023	Paydown		591	591	564	570		21		21		591				6	07/15/2037	1.A
..31397U-RC-5	FNR 2011-53 TN EXCH PT 4.000% 06/25/41		03/01/2023	Paydown		207,662	207,662	218,956	217,524		(9,862)		(9,862)		207,662				1,385	06/25/2041	1.A
..3140J9-YB-1	FNMA BMS205 4.000% 06/01/45		03/01/2023	Paydown		82,521	82,521	85,603	85,432		(2,910)		(2,910)		82,521				537	06/01/2045	1.A
..31418D-FN-7	FNMA POOL MA3772 3.500% 09/01/39		03/01/2023	Paydown		53,845	53,845	55,822	55,721		(1,876)		(1,876)		53,845				362	09/01/2039	1.A
..31418D-GJ-5	FNMA POOL MA3800 3.000% 10/01/39		03/01/2023	Paydown		78,639	78,639	80,605	80,509		(1,870)		(1,870)		78,639				358	10/01/2039	1.A
..31418D-HJ-4	FNMA POOL MA3832 3.500% 11/01/39		03/01/2023	Paydown		75,898	75,898	78,887	78,748		(2,850)		(2,850)		75,898				530	11/01/2039	1.A
..31418D-JP-8	FNMA POOL MA3869 3.500% 12/01/39		03/01/2023	Paydown		75,854	75,854	78,936	78,764		(2,910)		(2,910)		75,854				502	12/01/2039	1.A
..31418D-LP-5	FNMA POOL MA3933 2.500% 02/01/40		03/01/2023	Paydown		185,884	185,884	188,556	188,425		(2,541)		(2,541)		185,884				722	02/01/2040	1.A
..31418D-MP-4	FNMA POOL MA3965 2.500% 03/01/40		03/01/2023	Paydown		172,109	172,109	174,421	174,303		(2,194)		(2,194)		172,109				730	03/01/2040	1.A
..31418D-P4-8	FNMA POOL MA4042 2.000% 06/01/35		03/01/2023	Paydown		376,358	376,358	388,001	386,962		(10,605)		(10,605)		376,358				1,256	06/01/2035	1.A
..31418D-Q2-1	FNMA POOL MA4072 2.500% 07/01/40		03/01/2023	Paydown		241,341	241,341	250,806	250,328		(8,988)		(8,988)		241,341				987	07/01/2040	1.A
..31418D-Q4-7	FNMA POOL MA4074 2.000% 07/01/35		03/01/2023	Paydown		375,965	375,965	387,596	386,611		(10,646)		(10,646)		375,965				1,226	07/01/2035	1.A
..31418D-QG-0	FNMA POOL MA4054 2.500% 06/01/40		03/01/2023	Paydown		240,255	240,255	249,678	249,213		(8,958)		(8,958)		240,255				999	06/01/2040	1.A
..31418D-TJ-1	FNMA POOL MA4152 2.000% 09/01/40		03/01/2023	Paydown		296,336	296,336	306,781	306,098		(9,762)		(9,762)		296,336				956	09/01/2040	1.A
..31418D-U5-9	FNMA POOL MA4203 2.500% 11/01/40		03/01/2023	Paydown		337,234	337,234	353,071	352,077		(14,843)		(14,843)		337,234				1,372	11/01/2040	1.A
..31418D-UA-8	FNMA POOL MA4176 2.000% 10/01/40		03/01/2023	Paydown		308,638	308,638	319,633	318,850		(10,212)		(10,212)		308,638				1,014	10/01/2040	1.A

STATEMENT AS OF MARCH 31, 2023 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, NAIC Desig- nation Modifier and SVO Admini- strative Symbol
..69848A-AA-6	PANHANDLE TX ECON DEV CORP LEA Panhandle Economic Develo 3.98 3.985% 07/15/48 .....	.....	01/15/2023	Redemption 100.0000		 48,646	 48,646	 49,340	 49,260	.....	..... (614)	.....	..... (614)	.....	..... 48,646	.....	.....	.....	..... 969	07/15/2048	1.E FE
0909999999. Subtotal - Bonds - U.S. Special Revenues						7,329,953	7,329,953	7,535,801	7,477,851		(147,900)		(147,900)		7,329,953				36,450	XXX	XXX
..03027W-AJ-1	AMERICAN TOWER TRUST I ASSET BACKED 3.070% 03/15/48 .....	.....	03/15/2023	Redemption 100.0000																	
..03027X-AB-6	AMERICAN TOWER CORP SR UNSEC 3.500% 01/31/23 .....	.....	01/31/2023	Maturity		 155,000	 155,000	 156,938	 155,000	.....	.....	.....	.....	.....	..... 155,000	.....	.....	.....	..... 1,190	03/15/2048	1.A FE
..05607U-AA-7	BXGNT 2018-A A SEQ 3.770% 02/02/34 .....	.....	03/02/2023	Paydown		 6,200,000	 6,200,000	 6,149,470	 6,199,519	 482	.....	.....	..... 482	.....	..... 6,200,000	.....	.....	.....	..... 108,500	01/31/2023	2.C FE
..11134L-AM-1	BROADCOM CRP / CAYMN FI CO GUARNT 2.650% 02/15/23 .....	.....	01/15/2023	Maturity		 131,085	 131,085	 131,052	 131,066	 19	.....	.....	..... 19	.....	..... 131,085	.....	.....	.....	..... 838	02/02/2034	1.A FE
..12510H-AB-6	CAPITAL AUTOMOTIVE REIT SERIES 2020-1A CLASS A2 144A 3.030% 02/15/50 .....	.....	03/15/2023	Paydown		 5,000,000	 5,000,000	 4,999,494	 4,999,999	 1	.....	.....	..... 1	.....	..... 5,000,000	.....	.....	.....	..... 66,250	02/15/2023	2.C FE
..12575A-AA-5	CMFT NET LEASE MASTER ISSUER SERIES 2021-1 CLASS A1 144A 2.090% 07/20/51 .....	.....	03/15/2023	Paydown		 11,271	 11,271	 11,269	 11,269	 1	.....	.....	..... 1	.....	..... 11,271	.....	.....	.....	..... 57	02/15/2050	1.A FE
..12663D-AC-8	CREDIT SUISSE MORTGAGE TRUST SERIES 2022-NMIS CLASS A1 144A 5.169% 06/25/67 .....	.....	03/20/2023	Paydown		 35,686	 35,686	 35,682	 35,683	 4	.....	.....	..... 4	.....	..... 35,686	.....	.....	.....	..... 124	07/20/2051	1.A FE
..14149Y-AY-4	CARDINAL HEALTH INC SR UNSEC 3.200% 03/15/23 .....	.....	03/15/2023	Paydown		 505,559	 505,559	 503,014	 503,075	 2,484	.....	.....	..... 2,484	.....	..... 505,559	.....	.....	.....	..... 4,077	06/25/2067	1.A FE
..14576A-AA-0	CAPITAL AUTOMOTIVE LP SERIES 2020-1A CLASS A1 144A 2.010% 12/15/50 .....	.....	03/15/2023	Maturity		 7,289,000	 7,289,000	 7,144,678	 7,285,084	 3,916	.....	.....	..... 3,916	.....	..... 7,289,000	.....	.....	.....	..... 116,624	03/15/2023	2.B FE
..205887-BR-2	CONAGRA BRANDS INC SR UNSEC 3.200% 01/25/23 01/25/23 .....	.....	03/15/2023	Paydown		 7,500	 7,500	 7,497	 7,498	 2	.....	.....	..... 2	.....	..... 7,500	.....	.....	.....	..... 25	12/15/2050	1.A FE
..252722-AA-1	DROT 2019-1A A SEQ 2.890% 02/20/32 .....	.....	01/25/2023	Maturity		 1,776,000	 1,776,000	 1,771,631	 1,775,967	 33	.....	.....	..... 33	.....	..... 1,776,000	.....	.....	.....	..... 28,416	01/25/2023	2.C FE
..252724-AA-7	DROT 2019-1 A SEQ 3.700% 01/21/31 .....	.....	03/20/2023	Paydown		 35,934	 35,934	 36,032	 35,995	 (61)	.....	.....	..... (61)	.....	..... 35,934	.....	.....	.....	..... 170	02/20/2032	1.A FE
..25466A-AK-7	DISCOVER BANK SR UNSEC 3.350% 02/06/23 .....	.....	01/12/2023	Paydown		 5,000,000	 5,000,000	 4,999,550	 4,999,991	 9	.....	.....	..... 9	.....	..... 5,000,000	.....	.....	.....	..... 83,750	01/21/2031	1.A FE
..302155-BG-0	MEXICAN AIR FINANCE IV 2.537% 07/13/25 .....	.....	02/06/2023	Maturity		 339,694	 339,694	 339,694	 339,694	.....	.....	.....	.....	.....	..... 339,694	.....	.....	.....	.....	02/06/2023	2.B FE
..30259M-AA-4	FCITL 2019-1A A SEQ 3.630% 02/18/31 .....	.....	01/13/2023	Redemption 100.0000		 339,694	 339,694	 339,694	 339,694	.....	.....	.....	.....	.....	..... 339,694	.....	.....	.....	..... 2,155	07/13/2025	1.A Z
..42770L-AA-1	HERO 2015-1A A SEQ 3.840% 09/21/40 .....	.....	03/15/2023	Paydown		 45,569	 45,569	 45,561	 45,567	 2	.....	.....	..... 2	.....	..... 45,569	.....	.....	.....	..... 262	02/18/2031	1.A FE
..42771A-AA-4	HERO 2017-3A A1 SEQ 3.190% 09/20/48 .....	.....	03/20/2023	Paydown		 19,815	 19,815	 19,806	 19,811	 3	.....	.....	..... 3	.....	..... 19,815	.....	.....	.....	..... 12	09/21/2040	1.A FE
..42771L-AB-8	HERO 2017-2A A1 SEQ 3.280% 09/20/48 .....	.....	03/20/2023	Paydown		 26,564	 26,564	 26,555	 26,558	 7	.....	.....	..... 7	.....	..... 26,564	.....	.....	.....	..... 18	09/20/2048	1.A FE
..43283G-AA-0	HILTON GRAND VACATIONS TRUST SERIES 2022-2A CLASS A 144A 4.300% 01/25/37 .....	.....	03/20/2023	Paydown		 15,798	 15,798	 15,796	 15,797	 1	.....	.....	..... 1	.....	..... 15,798	.....	.....	.....	..... 95	09/20/2048	1.A FE
..43284B-AA-0	HGVY 2018-AA A SEQ 3.540% 02/25/32 .....	.....	03/25/2023	Paydown		 177,795	 177,795	 177,762	 177,764	 30	.....	.....	..... 30	.....	..... 177,795	.....	.....	.....	..... 1,257	01/25/2037	1.A FE
..46649K-AC-9	JP MORGAN MORTGAGE TRUST SERIES 2018-5 CLASS A3 144A 3.500% 10/25/48 .....	.....	03/25/2023	Paydown		 49,905	 49,905	 49,889	 49,897	 8	.....	.....	..... 8	.....	..... 49,905	.....	.....	.....	..... 280	02/25/2032	1.A FE
..46654D-AP-8	JP MORGAN MORTGAGE TRUST SERIES 2021-INV4 CLASS A5A 144 2.500% 01/25/52 .....	.....	03/01/2023	Paydown		 25,770	 25,770	 26,245	 25,800	 (30)	.....	.....	..... (30)	.....	..... 25,770	.....	.....	.....	..... 97	10/25/2048	1.A
..485134-BN-9	KANSAS CITY POWER & LT MORTGAGE 3.150% 03/15/23 .....	.....	03/01/2023	Paydown		 158,394	 158,394	 123,795	 124,455	 33,939	.....	.....	..... 33,939	.....	..... 158,394	.....	.....	.....	..... 686	01/25/2052	1.A
..52521R-AS-0	LMT 2007-5 2A3 FLT SSNR AS 5.175% 06/25/37 03/25/23 .....	.....	03/15/2023	Maturity		 8,200,000	 8,200,000	 8,192,292	 8,199,821	 180	.....	.....	..... 180	.....	..... 8,200,000	.....	.....	.....	..... 129,150	03/15/2023	1.F FE
..553896-AA-9	MVIOT 2017-1A A SEQ 2.420% 12/20/34 .....	.....	03/25/2023	Paydown		 5,900	 5,900	 366	 366	.....	.....	.....	.....	.....	..... 366	.....	..... (366)	 (366)	 23	06/25/2037	1.A FM
..55400U-AA-1	MVIOT SERIES 2019-2A CLASS A 144A 2.220% 10/20/38 .....	.....	03/20/2023	Paydown		 96,764	 96,764	 96,002	 96,376	 388	.....	.....	..... 388	.....	..... 96,764	.....	.....	.....	..... 381	12/20/2034	1.A FE
..60910*-AA-1	MVN OWNER TRUST SERIES 2022-1A CLASS A 144A 4.150% 11/21/39 .....	.....	03/20/2023	Paydown		 231,152	 231,152	 227,320	 228,362	 2,791	.....	.....	..... 2,791	.....	..... 231,152	.....	.....	.....	..... 829	10/20/2038	1.A FE
..62848B-AA-9	MONARCH SECURITIZATION SERIES 2021-1 CLASS A- 1 3.750% 01/20/32 .....	.....	03/20/2023	Paydown		 69,972	 69,972	 67,217	 67,222	 2,750	.....	.....	..... 2,750	.....	..... 69,972	.....	.....	.....	..... 471	11/21/2039	1.A FE
..62848B-AA-9	MVIOT 2018-1A A SEQ 3.450% 01/21/36 .....	.....	01/20/2023	Paydown		 1,463,126	 1,463,126	 1,463,126	 1,463,126	.....	.....	.....	.....	.....	..... 1,463,126	.....	.....	.....	..... 27,434	01/20/2032	2.B PL
..62848B-AA-9	MVIOT 2018-1A A SEQ 3.450% 01/21/36 .....	.....	03/20/2023	Paydown		 143,176	 143,176	 143,203	 143,192	 (15)	.....	.....	..... (15)	.....	..... 143,176	.....	.....	.....	..... 803	01/21/2036	1.A FE

STATEMENT AS OF MARCH 31, 2023 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, NAIC Desig- nation Modifier and SVO Admini- strative Symbol
..63935B-AA-1	NAVIENT STUDENT LOAN TRUST SERIES 2020-HA CLASS A 144A 1.310% 01/15/69		03/15/2023	Paydown		81,108	81,108	81,101	81,103		5		5		81,108				171	01/15/2069	1.A FE
..63941K-AB-1	NAVIENT STUDENT LOAN TRUST SERIES 2020-CA CLASS A2A 144A 2.150% 11/15/68		03/15/2023	Paydown		328,726	328,726	328,023	328,302		424		424		328,726				1,182	11/15/2068	1.A FE
..63941L-AB-9	NAVSL 2019-BA A2A SEQ 3.390% 12/15/59		03/15/2023	Paydown		90,019	90,019	90,014	90,016		2		2		90,019				504	12/15/2059	1.A FE
..67181D-AA-9	OAK STREET INVESTMENT GRADE SERIES 2020-1A CLASS A1 144A 1.850% 10/20/50		03/20/2023	Paydown		47,957	47,957	47,697	47,760		197		197		47,957				148	10/20/2050	1.A FE
..67181D-AJ-0	OAK STREET INVESTMENT GRADE SERIES 2021-2A CLASS A1 144A 2.380% 11/20/51		03/20/2023	Paydown		21,412	21,412	21,404	21,405		6		6		21,412				85	11/20/2051	1.A FE
..67190A-AA-4	OAK STREET INVESTMENT GRADE SERIES 2021-1A CLASS A1 144A 1.480% 01/20/51		03/20/2023	Paydown		25,408	25,408	25,404	25,406		3		3		25,408				58	01/20/2051	1.A FE
..67190A-AB-2	OAK STREET INVESTMENT GRADE SERIES 2021-1A CLASS A2 144A 1.930% 01/20/51		03/20/2023	Paydown		10,163	10,163	10,162	10,162		1		1		10,163				30	01/20/2051	1.A FE
..68233J-CE-2	ONCOR ELECTRIC DELIVERY SERIES 144A 4.150% 06/01/32		01/13/2023	Tax Free Exchange		8,345,999	8,375,000	8,344,264	8,345,915		84		84		8,345,999				40,549	06/01/2032	1.F FE
..68233J-CG-7	ONCOR ELECTRIC DELIVERY SERIES 144A 4.600% 06/01/52		01/13/2023	Tax Free Exchange		5,946,471	6,000,000	5,945,820	5,946,443		29		29		5,946,471				32,200	06/01/2052	1.F FE
..69349L-AK-4	PNC BANK NA SUBORD 2.950% 01/30/23		01/30/2023	Maturity		10,000,000	10,000,000	9,963,900	9,999,674		326		326		10,000,000				147,500	01/30/2023	1.G FE
..693650-AL-7	PSMC TRUST SERIES 2021-1 CLASS A11 144A 2.500% 03/25/51		03/01/2023	Paydown		193,274	193,274	197,924	196,434		(3,161)		(3,161)		193,274				632	03/25/2051	1.A
..69376C-AC-8	PSMC TRUST SERIES 2021-2 CLASS A3 144A 2.500% 05/25/51		03/01/2023	Paydown		166,176	166,176	171,057	169,400		(3,225)		(3,225)		166,176				686	05/25/2051	1.A
..75951A-AM-0	RELIANCE STAND LIFE II SERIES 144A 2.150% 01/21/23		01/21/2023	Maturity		10,000,000	10,000,000	9,991,600	9,999,844		156		156		10,000,000				107,500	01/21/2023	1.E FE
..75975B-AA-6	RENEW FINANCIAL SERIES 2021-1 CLASS A 144A 2.060% 11/20/56		03/20/2023	Paydown		45,651	45,651	45,644	45,645		6		6		45,651					11/20/2056	1.A FE
..78409V-BA-1	S&P GLOBAL INC SERIES 144A 2.450% 03/01/27		02/28/2023	Tax Free Exchange		6,347,768	6,375,000	6,341,723	6,346,721		1,047		1,047		6,347,768				156,188	03/01/2027	1.G FE
..78448W-AB-1	SMB 2017-A A2A SEQ 2.880% 09/15/34		03/15/2023	Paydown		142,611	142,611	142,561	142,587		24		24		142,611				683	09/15/2034	1.A FE
..78449K-AB-6	SMB 2016-C A2A SEQ 2.340% 09/15/34		03/15/2023	Paydown		226,502	226,502	223,581	225,555		947		947		226,502				858	09/15/2034	1.A FE
..78449L-AB-4	SMB 2018-B A2A SEQ 3.600% 01/15/37		03/15/2023	Paydown		342,716	342,716	349,030	346,587		(3,871)		(3,871)		342,716				2,072	01/15/2037	1.A FE
..78486Q-AH-4	SVB FINANCIAL GROUP 2.100% 05/15/28		03/13/2023	Various		6,210,000	15,000,000	15,005,394	15,004,129		1,265		1,265		15,005,394		(8,795,394)	(8,795,394)		05/15/2028	2.B FE
..81745A-AB-3	SEQUOIA MORTGAGE TRUST SERIES 2013-5 CLASS A2 144A 3.000% 05/25/43		03/01/2023	Paydown		88,045	88,045	89,394	89,139		(1,094)		(1,094)		88,045				319	05/25/2043	1.A
..82652M-AA-8	SPFC 2019-2A A SEQ 2.590% 05/20/36		03/20/2023	Paydown		163,097	163,097	163,053	163,070		27		27		163,097				662	05/20/2036	1.A FE
..82652N-AA-6	SPFC SERIES 2019-3A CLASS A 144A 2.340% 07/15/38		03/20/2023	Paydown		70,196	70,196	70,195	70,195		1		1		70,196				254	07/15/2038	1.A FE
..82653D-AA-7	SPFC 2018-2A A SEQ 3.500% 06/20/35		03/20/2023	Paydown		150,055	150,055	149,335	149,657		398		398		150,055				853	06/20/2035	1.A FE
..82653G-AA-0	SPFC 2018-3A A SEQ 3.690% 09/20/35		03/20/2023	Paydown		64,479	64,479	64,160	64,291		187		187		64,479				379	09/20/2035	1.A FE
..830867-AA-5	DELTA AIR LINES SKYMILES SERIES 144A 4.500% 10/20/25		01/20/2023	Call	100.0000	138,000	138,000	138,000	138,000						138,000				1,553	10/20/2025	2.B FE
..83189D-AB-6	SMB 2017-B A2A SEQ 2.820% 10/15/35		03/15/2023	Paydown		77,684	77,684	75,634	76,799		885		885		77,684				383	10/15/2035	1.A FE
..83403Y-AB-0	SOFI 2017-B A2FX SEQ 2.740% 05/25/40		03/25/2023	Paydown		121,791	121,791	121,762	121,787		5		5		121,791				571	05/25/2040	1.A FE
..83404F-AC-8	SOFI 2017-A A2B SEQ 2.400% 03/26/40		03/25/2023	Paydown		60,174	60,174	59,367	60,082		92		92		60,174				242	03/26/2040	1.A FE
..83404K-AC-7	SOFI 2017-E A2B SEQ 2.720% 11/26/40		03/25/2023	Paydown		150,583	150,583	148,052	150,243		341		341		150,583				716	11/26/2040	1.A FE
..83404L-AC-5	SOFI 2016-D A2B SEQ 2.340% 04/25/33		03/25/2023	Paydown		63,809	63,809	63,621	63,104		188		188		63,809				258	04/25/2033	1.A FE
..83405D-AC-2	SOFI 2017-C A2B SEQ 2.630% 07/25/40		03/25/2023	Paydown		18,544	18,544	18,539	18,542		2		2		18,544				82	07/25/2040	1.A FE
..83406E-AC-9	SOFI 2018-A A2B SEQ 2.950% 02/25/42		03/25/2023	Paydown		171,377	171,377	169,185	170,675		701		701		171,377				822	02/25/2042	1.A FE
..86190B-AA-2	STORE MASTER FUNDING LLC SERIES 2021-1A CLASS A1 144A 2.120% 06/20/51		03/20/2023	Paydown		16,675	16,675	16,481	16,512		163		163		16,675				59	06/20/2051	1.A FE

STATEMENT AS OF MARCH 31, 2023 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, NAIC Desig- nation Modifier and SVO Admini- strative Symbol
..86190B-AB-0	STORE MASTER FUNDING LLC SERIES 2021-1A CLASS A2 144A 2.960% 06/20/51 .....	.....	03/20/2023	Paydown .....	.....	3,750	3,750	3,748	3,749	.....	2	.....	2	.....	3,750	.....	.....	.....	18	06/20/2051	1.A FE
..86358R-XZ-5	SASC 2002-AL1 A3 AS CPT SEQ 3.450% 02/25/32 .....	.....	03/01/2023	Paydown .....	.....	12,646	12,841	8,621	8,621	.....	4,156	.....	4,156	.....	12,777	.....	(130)	(130)	81	02/25/2032	5.A Z
..86359B-2H-3	SASC 2005-2XS 2A1 XRESET FTV FLT DL 5.092% 02/25/35 .....	.....	03/01/2023	Paydown .....	.....	1,742	1,742	1,742	1,742	.....	.....	.....	.....	.....	1,742	.....	.....	.....	15	02/25/2035	1.A FM
..89788J-AB-5	TRUIST BANK SERIES BKNT 1.250% 03/09/23 .....	.....	03/09/2023	Maturity .....	.....	20,000,000	20,000,000	19,986,000	19,999,123	.....	877	.....	877	.....	20,000,000	.....	.....	.....	125,000	03/09/2023	1.F FE
..90781B-DM-7	UNP RR CO 2002 PASS TRST PT CERTS 6.061% 02/17/23 .....	.....	01/15/2023	Maturity Redemption 100.0000 .....	.....	1,525,000	1,525,000	1,524,131	1,524,997	.....	3	.....	3	.....	1,525,000	.....	.....	.....	22,494	02/15/2023	1.G FE
..90783R-AA-2	VSTNA 2018-A A SEQ 3.560% 02/20/36 .....	.....	01/17/2023	.....	.....	67,197	67,197	74,889	67,273	.....	(77)	.....	(77)	.....	67,197	.....	.....	.....	2,036	02/17/2023	1.C FE
..918286-AA-3	VSTNA 2018-A A SEQ 3.560% 02/20/36 .....	.....	03/20/2023	Paydown .....	.....	264,568	264,568	268,795	267,332	.....	(2,764)	.....	(2,764)	.....	264,568	.....	.....	.....	1,639	02/20/2036	1.A FE
..918288-AA-9	VSTNA 2017-A A SEQ 2.330% 03/20/35 .....	.....	03/20/2023	Paydown .....	.....	75,330	75,330	75,315	75,323	.....	8	.....	8	.....	75,330	.....	.....	.....	284	03/20/2035	1.A FE
..92538F-AA-2	VERUS SECURITIZATION TRUST SERIES 2021-2 CLASS A1 144A 1.031% 02/25/66 .....	.....	03/01/2023	Paydown .....	.....	234,754	234,754	234,750	234,677	.....	78	.....	78	.....	234,754	.....	.....	.....	307	02/25/2066	1.A FE
..92538F-AB-0	VERUS SECURITIZATION TRUST SERIES 2021-2 CLASS A2 144A 1.288% 02/25/66 .....	.....	03/01/2023	Paydown .....	.....	105,320	105,320	105,318	105,276	.....	44	.....	44	.....	105,320	.....	.....	.....	172	02/25/2066	1.C FE
..92539N-AA-4	VERUS SECURITIZATION TRUST SERIES 2022-7 CLASS A1 144A 5.152% 07/25/67 .....	.....	03/01/2023	Paydown .....	.....	511,984	511,984	511,979	511,789	.....	195	.....	195	.....	511,984	.....	.....	.....	4,373	07/25/2067	1.A FE
..064159-QD-1	BANK OF NOVA SCOTIA SR UNSEC 2.375% 01/18/23	A.....	01/18/2023	Maturity .....	.....	5,550,000	5,550,000	5,547,392	5,549,964	.....	36	.....	36	.....	5,550,000	.....	.....	.....	65,906	01/18/2023	1.F FE
..63307A-2J-3	NATIONAL BANK OF CANADA SERIES MTN 2.100% 02/01/23	A.....	02/01/2023	Maturity .....	.....	4,000,000	4,000,000	3,998,680	3,999,963	.....	37	.....	37	.....	4,000,000	.....	.....	.....	42,000	02/01/2023	1.G FE
..775109-AW-1	ROGERS COMMUNICATIONS IN CO.GUARNT 3.000% 03/15/23	A.....	03/15/2023	Maturity .....	.....	4,550,000	4,550,000	4,542,948	4,549,838	.....	163	.....	163	.....	4,550,000	.....	.....	.....	68,250	03/15/2023	2.A FE
..05964H-AE-5	BNP PARIBAS SR UNSEC 3.500% 03/01/23	D.....	02/23/2023	Maturity .....	.....	6,800,000	6,800,000	6,786,944	6,799,615	.....	385	.....	385	.....	6,800,000	.....	.....	.....	106,250	02/23/2023	1.G FE
..09659W-ZE-3	INTESA SANPAOLO SPA SR UNSEC 3.375% 01/12/23	D.....	03/01/2023	Maturity .....	.....	5,250,000	5,250,000	5,238,765	5,249,604	.....	396	.....	396	.....	5,250,000	.....	.....	.....	91,875	03/01/2023	2.A FE
..46115H-BC-0	MITSUBISHI UFJ FIN GRP SR UNSEC 3.455% 03/02/23	D.....	01/12/2023	Maturity .....	.....	7,200,000	7,200,000	7,181,280	7,199,879	.....	121	.....	121	.....	7,200,000	.....	.....	.....	89,910	01/12/2023	2.B FE
..606822-AT-1	MIZUHO FINANCIAL GROUP SR UNSEC 3.549% 03/05/23	D.....	03/02/2023	Maturity .....	.....	5,000,000	5,000,000	5,000,000	5,000,000	.....	.....	.....	.....	.....	5,000,000	.....	.....	.....	86,375	03/02/2023	1.G FE
..60687Y-AP-4	PRUDENTIAL PLC 3.125% 04/14/30	D.....	03/05/2023	Maturity .....	.....	5,000,000	5,000,000	5,000,000	5,000,000	.....	.....	.....	.....	.....	5,000,000	.....	.....	.....	88,725	03/05/2023	1.G FE
..74435K-AA-3	RENEW 2018-1 A SEQ 3.950% 09/20/53	D.....	03/03/2023	Tax Free Exchange .....	.....	1,092,295	1,100,000	1,089,638	1,092,134	.....	161	.....	161	.....	1,092,295	.....	.....	.....	13,273	04/14/2030	1.F FE
..75973F-AA-9	SYDNEY AIRPORT FINANCE SR SEC 3.900% 03/20/2023	D.....	03/20/2023	Paydown .....	.....	25,892	25,892	25,882	25,884	.....	8	.....	8	.....	25,892	.....	.....	.....	20	09/20/2053	1.A FE
..87124V-AD-1	03/22/23	D.....	03/22/2023	Maturity .....	.....	8,675,000	8,675,000	8,904,318	8,681,718	.....	(6,718)	.....	(6,718)	.....	8,675,000	.....	.....	.....	169,163	03/22/2023	2.A FE
1109999999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)						163,082,477	171,996,039	171,744,635	171,838,156	.....	40,216	.....	40,216	.....	171,878,368	.....	(8,795,890)	(8,795,890)	2,050,339	XXX	XXX
2509999997. Total - Bonds - Part 4						178,767,822	187,681,385	187,823,789	187,702,329	.....	(137,477)	.....	(137,477)	.....	187,564,848	.....	(8,797,024)	(8,797,024)	2,213,871	XXX	XXX
2509999998. Total - Bonds - Part 5						XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
2509999999. Total - Bonds						178,767,822	187,681,385	187,823,789	187,702,329	.....	(137,477)	.....	(137,477)	.....	187,564,848	.....	(8,797,024)	(8,797,024)	2,213,871	XXX	XXX
4509999997. Total - Preferred Stocks - Part 4						XXX	XXX	XXX	XXX	.....	.....	.....	.....	.....	.....	.....	.....	.....	XXX	XXX	
4509999998. Total - Preferred Stocks - Part 5						XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
4509999999. Total - Preferred Stocks						XXX	XXX	XXX	XXX	.....	.....	.....	.....	.....	.....	.....	.....	.....	XXX	XXX	
5989999997. Total - Common Stocks - Part 4						XXX	XXX	XXX	XXX	.....	.....	.....	.....	.....	.....	.....	.....	.....	XXX	XXX	
5989999998. Total - Common Stocks - Part 5						XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
5989999999. Total - Common Stocks						XXX	XXX	XXX	XXX	.....	.....	.....	.....	.....	.....	.....	.....	.....	XXX	XXX	
5999999999. Total - Preferred and Common Stocks						XXX	XXX	XXX	XXX	.....	.....	.....	.....	.....	.....	.....	.....	.....	XXX	XXX	
6009999999 - Totals						178,767,822	XXX	187,823,789	187,702,329	.....	(137,477)	.....	(137,477)	.....	187,564,848	.....	(8,797,024)	(8,797,024)	2,213,871	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 .....	.....	.....	.....	.....	..... (31,983)	 (27,979)	 (16,789)	..XXX.
Citibank, N.A. New York, NY .....	.....	.....	.....	.....	..... 12,046,226	 9,801,420	 6,029,732	..XXX.
Harris, N.A. Chicago, IL .....	.....	.....	.....	.....	..... 53,417	 113,651	 39,481	..XXX.
JPMorgan Chase Bank, N.A. New York, NY .....	.....	.....	.....	.....	..... 30,000	 30,000	 30,000	..XXX.
The Northern Trust Company ... Chicago, IL .....	.....	.....	.....	.....	..... 20,000	 33,630	 20,000	..XXX.
Wells Fargo, N.A. Philadelphia, PA .....	.....	.....	.....	.....	..... (8,174,103)	 (9,533,647)	 (6,310,508)	..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			3,943,558	417,076	(208,084)	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			3,943,558	417,076	(208,084)	XXX
0499999. Cash in Company's Office	XXX	XXX	XXX	XXX				XXX
.....								
.....								
.....								
.....								
.....								
.....								
0599999. Total - Cash	XXX	XXX			3,943,558	417,076	(208,084)	XXX

SCHEDULE E - PART 2 - CASH EQUIVALENTS

[illegible]