

# **QUARTERLY STATEMENT**

**OF THE**

**TIAA-CREF LIFE INSURANCE COMPANY**

**TO THE**

**Insurance Department**

**OF THE**

**STATE OF**

**FOR THE QUARTER ENDED  
MARCH 31, 2021**

☐ **LIFE, ACCIDENT AND HEALTH**

☐ **FRATERNAL BENEFIT SOCIETIES**

# **2021**



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

QUARTERLY STATEMENT

AS OF MARCH 31, 2021  
OF THE CONDITION AND AFFAIRS OF THE

TIAA-CREF Life Insurance Company

NAIC Group Code	1216 (Current)	1216 (Prior)	NAIC Company Code	60142	Employer's ID Number	13-3917848
Organized under the Laws of	New York			State of Domicile or Port of Entry		NY
Country of Domicile	United States of America					
Licensed as business type:	Life, Accident and Health <input checked="" type="checkbox"/> Fraternal Benefit Societies <input type="checkbox"/>					
Incorporated/Organized	11/20/1996		Commenced Business		12/18/1996	
Statutory Home Office	730 Third Avenue (Street and Number)		New York, NY, US 10017 (City or Town, State, Country and Zip Code)			
Main Administrative Office	730 Third Avenue (Street and Number)		New York, NY, US 10017 (City or Town, State, Country and Zip Code)		212-490-9000 (Area Code) (Telephone Number)	
Mail Address	730 Third Avenue (Street and Number or P.O. Box)		New York, NY, US 10017 (City or Town, State, Country and Zip Code)			
Primary Location of Books and Records	730 Third Avenue (Street and Number)		New York, NY, US 10017 (City or Town, State, Country and Zip Code)		212-490-9000 (Area Code) (Telephone Number)	
Internet Website Address	tiaa.org					
Statutory Statement Contact	Stacy Koon Eisenhower (Name)		704-988-4560 (Area Code) (Telephone Number)			
	StatutoryReporting@tiaa.org (E-mail Address)					
			212-490-9000 (Area Code) (Telephone Number)			

OFFICERS

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

OTHER

Todd Richard Sagmoe, Vice President, Head of Insurance, Illustration Actuary	Jennifer Christine Sisom, Treasurer
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DIRECTORS OR TRUSTEES

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

State of New York  
County of New York SS:

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

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

Subscribed and sworn to before me this 26<sup>th</sup> day of April, 2021  
Vincenza Ieni

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

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



STATEMENT AS OF MARCH 31, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

ASSETS

	Current Statement Date			4 December 31 Prior Year Net Admitted Assets
	1 Assets	2 Nonadmitted Assets	3 Net Admitted Assets (Cols. 1 - 2)	
1. Bonds .....	11,404,957,938		11,404,957,938	11,168,305,205
2. Stocks:				
2.1 Preferred stocks .....	2,340,379		2,340,379	182,882
2.2 Common stocks .....				
3. Mortgage loans on real estate:				
3.1 First liens .....				
3.2 Other than first liens .....				
4. Real estate:				
4.1 Properties occupied by the company (less \$ encumbrances) .....				
4.2 Properties held for the production of income (less \$ ..... encumbrances) .....				
4.3 Properties held for sale (less \$ encumbrances) .....				
5. Cash (\$ .....(523,266) ), cash equivalents (\$ .....117,999,510 ) and short-term investments (\$ .....3,350,963 ) .....	120,827,207		120,827,207	282,344,073
6. Contract loans (including \$ ..... premium notes) .....	44,174,528		44,174,528	43,088,814
7. Derivatives .....				
8. Other invested assets .....	4,661,531		4,661,531	4,666,857
9. Receivables for securities .....	139,517		139,517	142,812
10. Securities lending reinvested collateral assets .....				
11. Aggregate write-ins for invested assets .....				
12. Subtotals, cash and invested assets (Lines 1 to 11) .....	11,577,101,100		11,577,101,100	11,498,730,643
13. Title plants less \$ ..... charged off (for Title insurers only) .....				
14. Investment income due and accrued .....	92,650,525		92,650,525	90,840,832
15. Premiums and considerations:				
15.1 Uncollected premiums and agents' balances in the course of collection .....	2,340,576		2,340,576	2,146,077
15.2 Deferred premiums, agents' balances and installments booked but deferred and not yet due (including \$ ..... earned but unbilled premiums) .....	52,083,241	32,768,548	19,314,693	20,125,589
15.3 Accrued retrospective premiums (\$ ..... ) and contracts subject to redetermination (\$ ..... ) .....				
16. Reinsurance:				
16.1 Amounts recoverable from reinsurers .....	2,365,008		2,365,008	1,956,512
16.2 Funds held by or deposited with reinsured companies .....				
16.3 Other amounts receivable under reinsurance contracts .....	2,892,327		2,892,327	2,574,322
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 .....	49,285,564	32,702,813	16,582,751	17,788,134
19. Guaranty funds receivable or on deposit .....	164,719		164,719	164,719
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 .....	44,833		44,833	
24. Health care (\$ ..... ) and other amounts receivable .....				
25. Aggregate write-ins for other than invested assets .....	6,274,606	6,207	6,268,399	19,893,537
26. Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 to 25) .....	11,785,202,499	65,477,568	11,719,724,931	11,654,220,365
27. From Separate Accounts, Segregated Accounts and Protected Cell Accounts .....	4,320,441,940		4,320,441,940	4,106,499,075
28. Total (Lines 26 and 27)	16,105,644,439	65,477,568	16,040,166,871	15,760,719,440
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 .....	6,274,606	6,207	6,268,399	19,893,537
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)	6,274,606	6,207	6,268,399	19,893,537

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, 2021 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 \$ .....3,773,787,094 less \$ ..... included in Line 6.3 (including \$ .....260,177,212 Modco Reserve) .....	3,773,787,094	3,750,734,732
2. Aggregate reserve for accident and health contracts (including \$ ..... Modco Reserve) .....		
3. Liability for deposit-type contracts (including \$ ..... Modco Reserve) .....	6,942,982,288	6,961,430,611
4. Contract claims:		
4.1 Life .....	10,567,947	11,769,754
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 .....	235,952	115,087
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 \$ .....7,988,233 ceded .....	7,988,233	9,225,696
9.4 Interest Maintenance Reserve .....	35,122,318	32,340,802
10. Commissions to agents due or accrued-life and annuity contracts \$ .....512,519 , accident and health \$ ..... and deposit-type contract funds \$ ..... .....	512,519	638,187
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 \$ .....(4,880,344) accrued for expense allowances recognized in reserves, net of reinsured allowances) .....	(8,239,217)	(8,854,368)
14. Taxes, licenses and fees due or accrued, excluding federal income taxes .....		
15.1 Current federal and foreign income taxes, including \$ ..... on realized capital gains (losses) .....	3,977,853	6,702,644
15.2 Net deferred tax liability .....		
16. Unearned investment income .....		
17. Amounts withheld or retained by reporting entity as agent or trustee .....	623,564	544,530
18. Amounts held for agents' account, including \$ ..... agents' credit balances .....		
19. Remittances and items not allocated .....	14,804,026	17,061,398
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 .....	59,485,655	56,001,515
24.02 Reinsurance in unauthorized and certified (\$ ..... ) companies .....	2,907,219	650,619
24.03 Funds held under reinsurance treaties with unauthorized and certified (\$ ..... ) reinsurers .....		
24.04 Payable to parent, subsidiaries and affiliates .....	8,330,369	8,421,917
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 .....	30,092,452	
24.10 Payable for securities lending .....		
24.11 Capital notes \$ ..... and interest thereon \$ ..... .....		
25. Aggregate write-ins for liabilities .....	110,143	110,375
26. Total liabilities excluding Separate Accounts business (Lines 1 to 25) .....	10,883,288,415	10,846,893,499
27. From Separate Accounts Statement .....	4,309,069,808	4,095,042,573
28. Total liabilities (Lines 26 and 27) .....	15,192,358,223	14,941,936,072
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) .....	67,808,648	38,783,368
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 \$ .....11,372,132 in Separate Accounts Statement) .....	845,308,648	816,283,368
38. Totals of Lines 29, 30 and 37 .....	847,808,648	818,783,368
39. Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3)	16,040,166,871	15,760,719,440
<b>DETAILS OF WRITE-INS</b>		
2501. Miscellaneous liabilities .....	110,143	110,375
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)	110,143	110,375
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, 2021 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 .....	107,746,155	106,256,954	368,301,383
2. Considerations for supplementary contracts with life contingencies .....	1,225,521	620,330	1,743,154
3. Net investment income .....	88,194,569	81,571,531	351,245,443
4. Amortization of Interest Maintenance Reserve (IMR) .....	897,391	318,076	2,518,607
5. Separate Accounts net gain from operations excluding unrealized gains or losses .....	162,549	41,684	(357,077)
6. Commissions and expense allowances on reinsurance ceded .....	2,344,338	2,992,766	10,615,435
7. Reserve adjustments on reinsurance ceded .....	1,468,076	(6,080,868)	(8,866,705)
8. Miscellaneous Income:			
8.1 Income from fees associated with investment management, administration and contract guarantees from Separate Accounts .....	5,063,546	4,785,152	18,874,139
8.2 Charges and fees for deposit-type contracts .....			
8.3 Aggregate write-ins for miscellaneous income .....	45,949	103,727	173,920
9. Totals (Lines 1 to 8.3) .....	207,148,094	190,609,352	744,248,299
10. Death benefits .....	4,740,161	7,600,319	26,190,989
11. Matured endowments (excluding guaranteed annual pure endowments) .....			
12. Annuity benefits .....	24,942,996	17,233,344	69,715,196
13. Disability benefits and benefits under accident and health contracts .....	103,663	96,604	386,020
14. Coupons, guaranteed annual pure endowments and similar benefits .....			
15. Surrender benefits and withdrawals for life contracts .....	45,675,051	64,924,106	206,907,671
16. Group conversions .....			
17. Interest and adjustments on contract or deposit-type contract funds .....	19,857,558	23,347,864	113,162,353
18. Payments on supplementary contracts with life contingencies .....	158,406	128,136	561,514
19. Increase in aggregate reserves for life and accident and health contracts .....	23,052,363	(1,260,779)	(186,638,577)
20. Totals (Lines 10 to 19) .....	118,530,198	112,069,594	230,285,166
21. Commissions on premiums, annuity considerations, and deposit-type contract funds (direct business only) .....	1,705,752	1,990,149	7,531,245
22. Commissions and expense allowances on reinsurance assumed .....			
23. General insurance expenses and fraternal expenses .....	15,430,349	15,044,520	65,848,136
24. Insurance taxes, licenses and fees, excluding federal income taxes .....	1,756,227	1,634,026	7,451,908
25. Increase in loading on deferred and uncollected premiums .....	1,805,828	2,379,255	630,698
26. Net transfers to or (from) Separate Accounts net of reinsurance .....	18,501,759	18,435,465	44,786,180
27. Aggregate write-ins for deductions .....	9,565,234	16,255,309	52,841,778
28. Totals (Lines 20 to 27) .....	167,295,347	167,808,318	409,375,111
29. Net gain from operations before dividends to policyholders and federal income taxes (Line 9 minus Line 28) .....	39,852,747	22,801,034	334,873,188
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) .....	39,852,747	22,801,034	334,873,188
32. Federal and foreign income taxes incurred (excluding tax on capital gains) .....	7,921,397	2,172,827	18,633,673
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) .....	31,931,350	20,628,207	316,239,515
34. Net realized capital gains (losses) (excluding gains (losses) transferred to the IMR) less capital gains tax of \$ .....354,664 (excluding taxes of \$ .....977,937	(350,755)	(1,974,479)	(4,720,931)
35. Net income (Line 33 plus Line 34) .....	31,580,595	18,653,728	311,518,584
CAPITAL AND SURPLUS ACCOUNT			
36. Capital and surplus, December 31, prior year .....	818,783,368	510,536,606	510,536,606
37. Net income (Line 35) .....	31,580,595	18,653,728	311,518,584
38. Change in net unrealized capital gains (losses) less capital gains tax of \$ .....	2,157,497		
39. Change in net unrealized foreign exchange capital gain (loss) .....			
40. Change in net deferred income tax .....	511,067	(2,015,335)	(48,431,979)
41. Change in nonadmitted assets .....	763,779	3,495,896	49,926,922
42. Change in liability for reinsurance in unauthorized and certified companies .....	(2,256,600)	1,029,905	4,216,864
43. Change in reserve on account of change in valuation basis, (increase) or decrease .....			(4,573,851)
44. Change in asset valuation reserve .....	(3,484,139)	1,184,746	(3,320,769)
45. Change in treasury stock .....			
46. Surplus (contributed to) withdrawn from Separate Accounts during period .....			
47. Other changes in surplus in Separate Accounts Statement .....	(246,919)	(2,006,966)	(1,089,009)
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 .....			
53. Aggregate write-ins for gains and losses in surplus .....			
54. Net change in capital and surplus for the year (Lines 37 through 53) .....	29,025,280	20,341,974	308,246,762
55. Capital and surplus, as of statement date (Lines 36 + 54) .....	847,808,648	530,878,580	818,783,368
DETAILS OF WRITE-INS			
08.301. Miscellaneous income .....	45,949	103,727	173,920
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) .....	45,949	103,727	173,920
2701. Miscellaneous deductions .....	9,565,234	16,255,309	52,841,778
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) .....	9,565,234	16,255,309	52,841,778
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, 2021 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
<b>Cash from Operations</b>			
1. Premiums collected net of reinsurance .....	109,125,474	107,466,492	370,066,838
2. Net investment income .....	87,563,794	76,117,906	338,936,436
3. Miscellaneous income .....	9,631,101	4,045,971	30,940,917
4. Total (Lines 1 to 3) .....	206,320,369	187,630,369	739,944,191
5. Benefit and loss related payments .....	87,862,583	107,773,328	363,787,078
6. Net transfers to Separate Accounts, Segregated Accounts and Protected Cell Accounts .....	17,886,608	16,361,057	43,976,708
7. Commissions, expenses paid and aggregate write-ins for deductions .....	19,103,451	18,647,333	80,840,419
8. Dividends paid to policyholders .....			
9. Federal and foreign income taxes paid (recovered) net of \$ ..... 3,610,041 tax on capital gains (losses) .....	11,978,789	4,987,135	18,764,060
10. Total (Lines 5 through 9) .....	136,831,431	147,768,853	507,368,265
11. Net cash from operations (Line 4 minus Line 10) .....	69,488,938	39,861,516	232,575,926
<b>Cash from Investments</b>			
12. Proceeds from investments sold, matured or repaid:			
12.1 Bonds .....	277,912,375	163,092,182	1,131,646,067
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 .....	3,784	11,889	12,266
12.7 Miscellaneous proceeds .....	30,095,747	30,082,440	1,805,457
12.8 Total investment proceeds (Lines 12.1 to 12.7) .....	308,011,906	193,186,511	1,133,463,790
13. Cost of investments acquired (long-term only):			
13.1 Bonds .....	511,081,732	1,212,986,445	3,619,358,788
13.2 Stocks .....			
13.3 Mortgage loans .....			
13.4 Real estate .....			
13.5 Other invested assets .....			
13.6 Miscellaneous applications .....	1,844,476	83,053	15,339,667
13.7 Total investments acquired (Lines 13.1 to 13.6) .....	512,926,208	1,213,069,498	3,634,698,455
14. Net increase (or decrease) in contract loans and premium notes .....	1,085,714	616,400	3,262,251
15. Net cash from investments (Line 12.8 minus Line 13.7 and Line 14) .....	(206,000,016)	(1,020,499,387)	(2,504,496,916)
<b>Cash from Financing and Miscellaneous Sources</b>			
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 .....	(38,180,855)	767,288,352	2,307,362,446
16.5 Dividends to stockholders .....			
16.6 Other cash provided (applied) .....	13,175,066	(17,841,931)	(32,476,146)
17. Net cash from financing and miscellaneous sources (Line 16.1 through Line 16.4 minus Line 16.5 plus Line 16.6) .....	(25,005,789)	749,446,421	2,274,886,300
<b>RECONCILIATION OF CASH, CASH EQUIVALENTS AND SHORT-TERM INVESTMENTS</b>			
18. Net change in cash, cash equivalents and short-term investments (Line 11, plus Lines 15 and 17) ..	(161,516,866)	(231,191,450)	2,965,310
19. Cash, cash equivalents and short-term investments:			
19.1 Beginning of year .....	282,344,073	279,378,763	279,378,763
19.2 End of period (Line 18 plus Line 19.1) .....	120,827,207	48,187,313	282,344,073

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

20.0001. Exchange/restructure/transfer of bond investments .....	15,766,971	5,241,546	213,446,281
20.0002. Capitalized interest .....	735,439	709,646	2,876,981
20.0003. Interest credited on deposit type contracts .....	21,663,046	23,636,062	112,220,476

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 .....	50,658,446	53,609,531	211,986,655
3. Ordinary individual annuities .....	64,844,211	60,044,983	193,027,282
4. Credit life (group and individual) .....			
5. Group life insurance .....	12,720,218	13,268,639	48,757,191
6. Group annuities .....			
7. A & H - group .....			
8. A & H - credit (group and individual) .....			
9. A & H - other .....	1,674,842	1,735,683	6,974,320
10. Aggregate of all other lines of business .....			
11. Subtotal (Lines 1 through 10) .....	129,897,717	128,658,836	460,745,448
12. Fraternal (Fraternal Benefit Societies Only) .....			
13. Subtotal (Lines 11 through 12) .....	129,897,717	128,658,836	460,745,448
14. Deposit-type contracts .....	482,194,147	1,058,076,185	4,152,227,703
15. Total (Lines 13 and 14)	612,091,864	1,186,735,021	4,612,973,151
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 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	03/31/2021	12/31/2020
Net Income (loss), New York SAP.....				\$ 31,580,595	\$ 311,518,584
New York SAP Prescribed Practices that are an increase/(decrease) from NAIC SAP:					
Additional Reserves for Term Conversions.....	51R	4	19	125,431	637,817
Net Income (loss), NAIC SAP.....				<u>\$ 31,455,164</u>	<u>\$ 310,880,767</u>
Capital and Surplus, New York SAP.....				\$ 847,808,648	\$ 818,783,368
New York SAP Prescribed Practices that are an increase/(decrease) from NAIC SAP:					
Deferred Premium Asset Limitation.....	51R, 61R	2	15.2	(637,149)	(745,335)
Additional Reserves for Term Conversions.....	51R	3	1	<u>(6,350,944)</u>	<u>(6,476,375)</u>
Capital and Surplus, NAIC SAP.....				<u>\$ 854,796,741</u>	<u>\$ 826,005,078</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 Company's risk based capital as of March 31, 2021 and December 31, 2020 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) No material change
- (4) Non-perpetual preferred stocks are stated at amortized cost unless they have an NAIC rating designation of 4, 5, or 6 which are stated at the lower of amortized cost or fair value. Perpetual and mandatory convertible preferred stock is carried at fair value. The fair values of preferred stocks are determined using prices provided by independent pricing services or internally developed pricing models and the fair value is capped by any currently effective call price. When it is determined that a decline in fair value of an investment is other-than-temporary, the cost basis of the investment is reduced to its fair value and the amount of the reduction is accounted for as a realized loss.
- (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

## NOTES TO FINANCIAL STATEMENTS

loan-backed and structured securities are reported at the lower of amortized cost or fair value as a result of the NAIC modeling process.

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

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

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

(7) - (13) No material change

### D. Going Concern

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

## 2. Accounting Changes and Corrections of Errors

### Accounting Changes

#### *Adoption of New Accounting Standards*

In July 2020, the NAIC adopted modifications to SSAP No. 32, Preferred Stock, effective January 1, 2021. The modifications define carrying value of redeemable preferred stock as amortized cost for NAIC 1-3 designations, the lower of amortized cost or fair value for NAIC 4-6 designations, and fair value for perpetual and mandatory convertible preferred stock, with the fair value capped by any currently effective call price. All preferred stock held by the Company is classified as perpetual preferred stock. Adoption of the guidance on January 1, 2021 resulted in a \$2.1 million increase in the carrying value of perpetual preferred stock to \$2.3 million at March 31, 2021 from \$0.2 million at December 31, 2020.

## 3. Business Combinations and Goodwill

Not applicable

## 4. Discontinued Operations

Not applicable

## 5. Investments

### A. Mortgage Loans

Not applicable

### B. Debt Restructuring

Not applicable

### C. Reverse Mortgages

Not applicable

NOTES TO FINANCIAL STATEMENTS

D. Loan-Backed Securities

- (1)The near-term prepayment assumptions for loan-backed and structured securities are based on historical averages drawing from performance experience for a particular transaction and may vary by security type. The long-term assumptions are adjusted based on expected performance.
- (2) For the period ended March 31, 2021, the Company recognized no other-than-temporary impairment ("OTTI") on securities it lacked the ability to hold or had the intent to sell.
- (3)The company has no loan-backed and structured securities that recognize OTTI as of March 31, 2021.
- (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 | \$ | 8,910,307   |
|   | 2. 12 Months or Longer | \$ | 6,514       |
| b. The aggregate related fair value of securities with unrealized losses: | 1. Less than 12 Months | \$ | 365,991,056 |
|   | 2. 12 Months or Longer | \$ | 409,363     |
- (5)The Company’s management periodically reviews the investment portfolios and identifies investments which may have deteriorated in credit quality and are candidates for impairment. The Company develops cash flows as part of its impairment review process. Where the cash flows support the recovery of the principal balance, the Company concludes that the impairment is not other-than-temporary.

E. Dollar Repurchase Agreements and/or Securities Lending Transactions

Not applicable

F. Repurchase Agreements Transactions Accounted for as Secured Borrowing

Not applicable

G. Reverse Repurchase Agreements Transactions Accounted for as Secured Borrowing

Not applicable

H. Repurchase Agreements Transactions Accounted for as a Sale

Not applicable

I. Reverse Repurchase Agreements Transactions Accounted for as a Sale

Not applicable

J. Real Estate

Not applicable

K. Low Income Housing Tax Credits (“LIHTC”)

Not applicable

L. Restricted Assets

No material change

M. Working Capital Financial Investments

Not applicable

N. Offsetting and Netting of Assets and Liabilities

Not applicable

O. 5GI Securities

Not applicable

**NOTES TO FINANCIAL STATEMENTS****P. Short Sales**

Not applicable

**Q. Prepayment Penalty and Acceleration Fees**

No material change

**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 change

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

No material change

**11. Debt**

Not applicable

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

Not applicable

**13. Capital and Surplus, Dividend Restrictions and Quasi-Reorganizations**

No material change

**14. Liabilities, Contingencies and Assessments**

No material change

**15. Leases**

Not applicable

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

Not applicable

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

Not applicable

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

Not applicable

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

Not applicable

NOTES TO FINANCIAL STATEMENTS

20. Fair Value Measurements

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

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

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

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

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

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

Level 2 inputs include:

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

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

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

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

The following table provides information about the Company’s financial assets and liabilities measured and reported at fair value at March 31, 2021:

	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Total
Assets at fair value:					
Preferred stock.....	\$ 2,340,379	\$ —	\$ —	\$ —	\$ 2,340,379
Separate account assets .....	\$ 4,298,661,200	\$ 21,780,740		\$ —	\$ 4,320,441,940
Total assets at fair value .....	<u>\$ 4,301,001,579</u>	<u>\$ 21,780,740</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 4,322,782,319</u>
Total liabilities at fair value .....	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>

## NOTES TO FINANCIAL STATEMENTS

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

At March 31, 2021 and December 31, 2020, 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, 2021. The following is a summary of the valuation techniques and inputs used in the fair value measurements for all financial instruments, including those assets and liabilities carried at fair value in the Company's statement of financial position.

### Level 1 financial instruments

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

### Level 2 financial instruments

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

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

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

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

### Level 3 financial instruments

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

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

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

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

NOTES TO FINANCIAL STATEMENTS

C. Aggregate fair value for all financial instruments:

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

	Aggregate Fair Value	Admitted Assets	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Not Practicable (Carrying Value)
<b>Assets:</b>							
Bonds .....	\$12,055,238,378	\$11,404,957,938		\$12,045,339,259	\$ 9,899,119	\$ —	\$ —
Preferred stock .....	2,340,379	2,340,379	2,340,379			—	—
Other invested assets .....	5,807,526	4,661,531		5,807,526		—	—
Separate account assets ....	4,320,441,940	4,320,441,940	4,298,661,200	21,780,740		—	—
Contract loans .....	44,174,528	44,174,528			44,174,528	—	—
Cash, cash equivalents & short term investments ...	120,809,025	120,827,207	(523,267)	121,332,292		—	—
Total .....	<u>\$16,548,811,776</u>	<u>\$15,897,403,523</u>	<u>\$4,300,478,312</u>	<u>\$12,194,259,817</u>	<u>\$ 54,073,647</u>	<u>\$ —</u>	<u>\$ —</u>
<b>Liabilities:</b>	Aggregate Fair Value	Liabilities	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Not Practicable (Carrying Value)
Deposit-type contracts	\$ 6,942,982,288	\$ 6,942,982,288	\$ —	\$ —	\$6,942,982,288	\$ —	\$ —
Separate account liabilities	4,309,069,808	4,309,069,808	—	—	4,309,069,808	—	—
Total .....	<u>\$11,252,052,096</u>	<u>\$11,252,052,096</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$11,252,052,096</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 7, 2021 for the statutory statement issued on May 7, 2021. No subsequent events were noted.

23. Reinsurance

No material change

24. Retrospectively Rated Contracts and Contracts Subject to Redetermination

Not applicable

25. Changes in Incurred Losses and Loss Adjustment Expenses

Not applicable

26. Intercompany Pooling Arrangements

Not applicable

27. Structured Settlements

Not applicable

28. Health Care Receivables

Not applicable

29. Participating Policies

Not applicable

30. Premium Deficiency Reserves

Not applicable

31. Reserves for Life Contracts and Annuity Contracts

No material change

**NOTES TO FINANCIAL STATEMENTS**

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

No material change

**33. Analysis of Life Actuarial Reserves by Withdrawal Characteristics**

No material change

**34. Premiums and Annuity Considerations Deferred and Uncollected**

No material change

**35. Separate Accounts**

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? .....

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

Yes [ ] No [ X ]
- 4.2

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

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

If yes, attach an explanation.

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

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

12/31/2018
- 6.2

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

12/31/2018
- 6.3

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

06/25/2020
- 6.4

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

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

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

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

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

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

Yes [ ] No [ X ]
- 7.2

If yes, give full information:
- 8.1

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

Yes [ ] No [ X ]
- 8.2

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

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

Yes [ X ] No [ ]
- 8.4

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

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

GENERAL INTERROGATORIES

- 9.1

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

Yes [ X ] No [ ]
- 9.11

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

Has the code of ethics for senior managers been amended? .....

Yes [ ] No [ X ]
- 9.21

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

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

Yes [ ] No [ X ]
- 9.31

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

FINANCIAL

- 10.1

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

Yes [ X ] No [ ]
- 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, 2021, the statement value of the assets on deposit with states is \$8,026,681.
12.

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

\$ .....
13.

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

\$ .....
- 14.1

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

Yes [ ] No [ X ]
- 14.2

If yes, please complete the following:

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

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

Yes [ ] No [ X ]
- 15.2

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

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

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

16.1

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

\$ .....

16.2

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

\$ .....

16.3

Total payable for securities lending reported on the liability page. ....

\$ .....

STATEMENT AS OF MARCH 31, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

GENERAL INTERROGATORIES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GENERAL INTERROGATORIES

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

Life and Accident Health Companies/Fraternal Benefit Societies:

1.

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

1

Amount

1.1

Long-Term Mortgages In Good Standing

1.11

Farm Mortgages

\$

1.12

Residential Mortgages

\$

1.13

Commercial Mortgages

\$

1.14

Total Mortgages in Good Standing

\$

1.2

Long-Term Mortgages In Good Standing with Restructured Terms

1.21

Total Mortgages in Good Standing with Restructured Terms

\$

1.3

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

1.31

Farm Mortgages

\$

1.32

Residential Mortgages

\$

1.33

Commercial Mortgages

\$

1.34

Total Mortgages with Interest Overdue more than Three Months

\$

1.4

Long-Term Mortgage Loans in Process of Foreclosure

1.41

Farm Mortgages

\$

1.42

Residential Mortgages

\$

1.43

Commercial Mortgages

\$

1.44

Total Mortgages in Process of Foreclosure

\$

1.5

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

\$

1.6

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

1.61

Farm Mortgages

\$

1.62

Residential Mortgages

\$

1.63

Commercial Mortgages

\$

1.64

Total Mortgages Foreclosed and Transferred to Real Estate

\$

2.

Operating Percentages:

2.1

A&H loss percent

%

2.2

A&H cost containment percent

%

2.3

A&H expense percent excluding cost containment expenses

%

3.1

Do you act as a custodian for health savings accounts?

Yes

[

]

No

[

X

]

3.2

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

\$

3.3

Do you act as an administrator for health savings accounts?

Yes

[

]

No

[

X

]

3.4

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

\$

4.

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

Yes

[

X

]

No

[

]

4.1

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

Yes

[

]

No

[

]

Fraternal Benefit Societies Only:

5.1

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

Yes

[

]

No

[

]

N/A

[

]

5.2

If no, explain:

6.1

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

Yes

[

]

No

[

]

6.2

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

Date	Outstanding Lien Amount

## SCHEDULE S - CEDED REINSURANCE

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

STATEMENT AS OF MARCH 31, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE T - PREMIUMS AND ANNUITY CONSIDERATIONS

Current Year To Date - Allocated by States and Territories

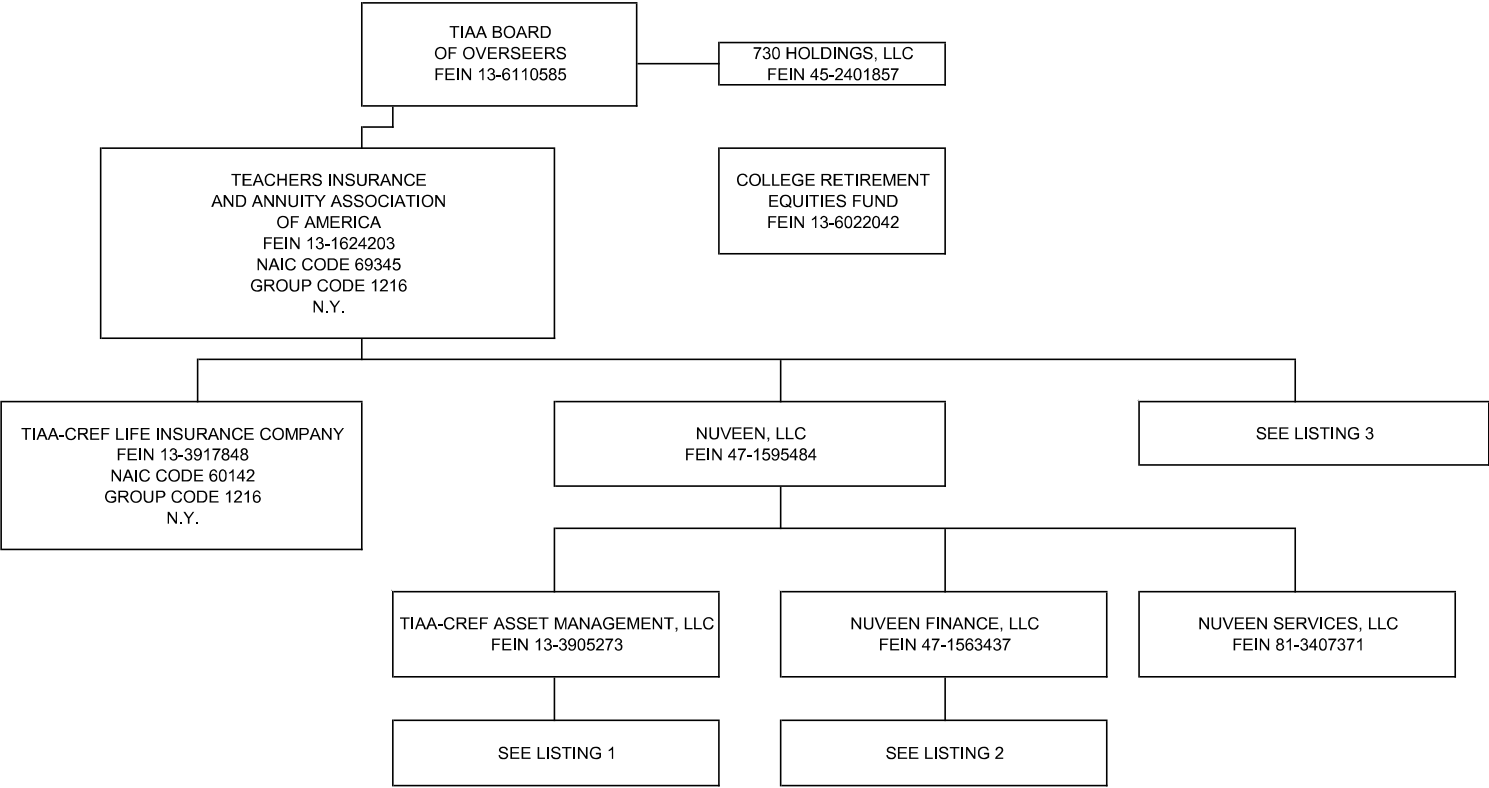
States, Etc.			1	Direct Business Only					
				Life Contracts		4 Accident and Health Insurance Premiums, Including Policy, Membership and Other Fees	5 Other Considerations	6 Total Columns 2 Through 5	7 Deposit-Type Contracts
				2 Life Insurance Premiums	3 Annuity Considerations				
Active Status (a)									
1.	Alabama	AL	L	767,112	241,248	31,129		1,039,488	
2.	Alaska	AK	L	41,461	12,500			53,961	
3.	Arizona	AZ	L	887,104	382,083	23,569		1,292,757	137,866
4.	Arkansas	AR	L	223,610	5,817	5,377		234,803	56,408
5.	California	CA	L	4,911,742	4,382,307	50,943		9,344,992	80,034,701
6.	Colorado	CO	L	834,512	766,746			1,601,259	133,282
7.	Connecticut	CT	L	2,056,274	555,794	35,705		2,647,773	19,764,625
8.	Delaware	DE	L	899,219	1,211,723	12,039		2,122,981	
9.	District of Columbia	DC	L	551,467	389,151	25,179		965,796	
10.	Florida	FL	L	3,615,217	3,705,898	262,941		7,584,056	1,209,616
11.	Georgia	GA	L	1,512,776	4,026,582	47,294		5,586,651	36,487,184
12.	Hawaii	HI	L	168,542	7,150	2,256		177,948	
13.	Idaho	ID	L	78,536	1,200	8,930		88,665	
14.	Illinois	IL	L	2,131,263	919,294	35,004		3,085,561	506,328
15.	Indiana	IN	L	913,001	662,743	29,136		1,604,881	175,967
16.	Iowa	IA	L	1,013,147	213,036	17,181		1,243,364	
17.	Kansas	KS	L	215,885	1,264,460	7,420		1,487,765	
18.	Kentucky	KY	L	481,219	147,022	1,929		630,170	
19.	Louisiana	LA	L	253,329	2,339,467			2,592,796	
20.	Maine	ME	L	225,037	423,862	6,859		655,758	
21.	Maryland	MD	L	1,858,437	1,212,687	73,405		3,144,529	905,870
22.	Massachusetts	MA	L	3,755,987	1,687,348	108,903		5,552,238	
23.	Michigan	MI	L	1,743,709	3,740,136	66,513		5,550,359	62,100,518
24.	Minnesota	MN	L	1,139,547	1,791,827	14,796		2,946,170	14,158,361
25.	Mississippi	MS	L	54,089	2,763			56,852	2,525,197
26.	Missouri	MO	L	1,364,603	486,885	24,582		1,876,069	
27.	Montana	MT	L	95,807	3,853			99,660	
28.	Nebraska	NE	L	821,948	159,784	6,481		988,213	
29.	Nevada	NV	L	244,594	2,622,389	10,048		2,877,030	
30.	New Hampshire	NH	L	204,387	5,505			209,892	95,435
31.	New Jersey	NJ	L	3,244,973	6,078,272	52,696		9,375,940	
32.	New Mexico	NM	L	97,367	200,378			297,745	
33.	New York	NY	L	9,359,340	6,467,421	287,730		16,114,492	1,891,763
34.	North Carolina	NC	L	2,046,206	2,077,845	28,777		4,152,828	361,485
35.	North Dakota	ND	L	56,659	208,625			265,285	
36.	Ohio	OH	L	1,170,585	4,438,934	43,268		5,652,787	
37.	Oklahoma	OK	L	334,053	216,706	14,415		565,174	7,862,133
38.	Oregon	OR	L	591,872	108,466	22,601		722,939	
39.	Pennsylvania	PA	L	4,140,360	2,987,925	115,896		7,244,181	794,422
40.	Rhode Island	RI	L	484,374	202,652	12,105		699,132	
41.	South Carolina	SC	L	446,415	1,047,911	18,251		1,512,577	
42.	South Dakota	SD	L	322,800	3,300			326,100	
43.	Tennessee	TN	L	781,336	2,599,107	14,275		3,394,718	
44.	Texas	TX	L	3,639,934	2,005,533	22,433		5,667,900	
45.	Utah	UT	L	464,774	111,766	1,633		578,173	
46.	Vermont	VT	L	326,166	170,700	10,868		507,734	4,151,734
47.	Virginia	VA	L	1,722,400	1,060,228	42,577		2,825,205	196,975
48.	Washington	WA	L	1,173,505	769,475	29,232		1,972,212	
49.	West Virginia	WV	L	154,317	218,178	16,292		388,787	
50.	Wisconsin	WI	L	631,827	488,580	32,412		1,152,819	27,754,365
51.	Wyoming	WY	L	402,491	10,950	1,762		415,203	
52.	American Samoa	AS	N						
53.	Guam	GU	N						
54.	Puerto Rico	PR	N	1,013				1,013	
55.	U.S. Virgin Islands	VI	N	83				83	
56.	Northern Mariana Islands	MP	N						
57.	Canada	CAN	N						
58.	Aggregate Other Aliens	OT	XXX	6,676				6,676	
59.	Subtotal	XXX		64,663,087	64,844,211	1,674,842		131,182,140	261,304,236
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		103,663				103,663	
94.	Aggregate or other amounts not allocable by State	XXX							
95.	Totals (Direct Business)	XXX		64,766,751	64,844,211	1,674,842		131,285,803	261,304,236
96.	Plus Reinsurance Assumed	XXX							
97.	Totals (All Business)	XXX		64,766,751	64,844,211	1,674,842		131,285,803	261,304,236
98.	Less Reinsurance Ceded	XXX		20,476,719		1,674,842		22,151,561	
99.	Totals (All Business) less Reinsurance Ceded	XXX		44,290,032	64,844,211			109,134,242	261,304,236
DETAILS OF WRITE-INS									
58001.	ZZZ Other Alien	XXX		6,676				6,676	
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		6,676				6,676	
9401.		XXX							
9402.		XXX							
9403.		XXX							
9498.	Summary of remaining write-ins for Line 94 from overflow page	XXX							
9499.	Totals (Lines 9401 through 9403 plus 9498)(Line 94 above)	XXX							

(a) Active Status Counts:  
L - Licensed or Chartered - Licensed Insurance carrier or domiciled RRG. 51 R - Registered - Non-domiciled RRGs.   
E - Eligible - Reporting entities eligible or approved to write surplus lines in the state. Q - Qualified - Qualified or accredited reinsurer.   
N - None of the above - Not allowed to write business in the state. 6

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

STATEMENT AS OF MARCH 31, 2021 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, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

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

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

COMPANY	FEIN	RELATIONSHIP
L&C Special Member Holdco, LLC	81-1272900	SUBSIDIARY
GTR Special Member Holdco LLC	46-3889185	SUBSIDIARY
TIAA International GP LLC	81-4374969	SUBSIDIARY
TIAA-CREF Investment Management, LLC	13-3586142	SUBSIDIARY
Nuveen Alternative Holdings, LLC	46-3870972	SUBSIDIARY
AGR Partners LLC	81-1467545	SUBSIDIARY
AGR Services LLC	36-4853278	SUBSIDIARY (1)
TGAM Agribusiness Fund GP LLC	81-1870559	SUBSIDIARY
Nuveen Agribusiness Fund III GP, LLC	83-4328253	SUBSIDIARY
AGR Services LLC	36-4853278	SUBSIDIARY (1)
AGR Special Opportunities GP, LLC		SUBSIDIARY
Beaver Investments Holdings, LLC	45-5558395	SUBSIDIARY
GreenWood Resources, Inc.	80-0026976	SUBSIDIARY
Greenwood Resources Brasil, Ltda.		SUBSIDIARY (2)
GreenWood Resources Capital Management, LLC	45-1875074	SUBSIDIARY
GTFF GP, LLC	20-8501127	SUBSIDIARY
GWR-GTFF Investment, LLC	20-8955976	SUBSIDIARY
GWR International Ltd.		SUBSIDIARY
GWR China Ltd.	20-3188681	SUBSIDIARY
GWR SA, Ltd.		SUBSIDIARY
GreenWood Resources Chile, S.A.		SUBSIDIARY
GWR Europe Ltd.	98-1016332	SUBSIDIARY
GreenWood Resources Poland sp Z.o.o.	98-1016335	SUBSIDIARY
Greenwood Resources Forest Management, LLC	47-4557075	SUBSIDIARY
Greenwood Resources Brasil, Ltda.		SUBSIDIARY (2)
GWR Uruguay S.A.		SUBSIDIARY
Greenwood Resources Colombia SAS		SUBSIDIARY
CAM HR Resources LLC	36-4851864	SUBSIDIARY (3)
Churchill Asset Management LLC	47-3156644	SUBSIDIARY
CAM HR Resources LLC	36-4851864	SUBSIDIARY (3)
Churchill Agency Services LLC	82-3187734	SUBSIDIARY
Churchill Feeder Fund GP II S.a.r.l.		SUBSIDIARY
Churchill Fund GP II LLC	83-1177850	SUBSIDIARY
Churchill 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 Fund GP II Sarl	98-1449979	SUBSIDIARY
Churchill Special Member LLC	82-0735838	SUBSIDIARY
Churchill Warehouse LLC	82-3784145	SUBSIDIARY
Nuveen Churchill Administration LLC		SUBSIDIARY
TGAM Churchill Fund GP LLC	81-1817732	SUBSIDIARY
Global AG AIV (CN) GP, LLC	45-5044435	SUBSIDIARY
Global Agriculture AIV (CN), LP	45-5044681	SUBSIDIARY
Global Ag II AIV GP LLC	47-1192644	SUBSIDIARY
Global Agriculture II AIV, LP	47-1197292	SUBSIDIARY
GTR Investor Fund GP LLC	47-1208361	SUBSIDIARY
NAP Investors GP, LLC	83-2245173	SUBSIDIARY
NCBDC Holdings LLC		SUBSIDIARY
Nuveen Churchill Advisors LLC		SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
Nuveen Alternative Holdings, LLC (continued)		
Nuveen Alternatives Advisors, LLC	45-4288013	SUBSIDIARY
Nuveen Churchill Direct Lending Corp.		SUBSIDIARY
TPS Investors GP, LLC	82-1917866	SUBSIDIARY
Nuveen Alternatives Services, LLC	45-4288091	SUBSIDIARY
GAP II NZ GP Limited		SUBSIDIARY
TIAA European Farmland Fund GP LP	98-1310748	SUBSIDIARY (4)
TCAS Global Investments LLC	47-1515836	SUBSIDIARY
Nuveen Global Farmland Fund GP, LLC	84-1819349	SUBSIDIARY
Nuveen Global Farmland Fund Lux GP S.à r.l.		SUBSIDIARY
Nuveen Global Impact Fund GP, LLC	84-5180164	SUBSIDIARY
Nuveen Global Impact Fund Lux GP S.à r.l.		SUBSIDIARY
Nuveen International Holdings LLC	26-2719001	SUBSIDIARY
Nuveen Canada Company		SUBSIDIARY
Nuveen Japan Co., Limited		SUBSIDIARY
Nuveen UK, Limited		SUBSIDIARY
TGAM Subsidiary HC LLC	81-4349631	SUBSIDIARY
TGAM APAC LLC	81-4290269	SUBSIDIARY (5)
TGAM HK HC LLC	81-4323796	SUBSIDIARY (6)
Nuveen Hong Kong Limited		SUBSIDIARY
TGAM Asia LLC	81-4306975	SUBSIDIARY (7)
TGAM HK HC LLC	81-4323796	SUBSIDIARY (6)
TIAA International APAC LLC	81-4499397	SUBSIDIARY (8)
TGAM HK HC LLC	81-4323796	SUBSIDIARY (6)
TIAA International Asia LLC	81-4359164	SUBSIDIARY (9)
TGAM HK HC LLC	81-4323796	SUBSIDIARY (6)
TIAA International Subsidiary HC LLC	81-4390558	SUBSIDIARY
TGAM APAC LLC	81-4290269	SUBSIDIARY (5)
TGAM Asia LLC	81-4306975	SUBSIDIARY (7)
TIAA International APAC LLC	81-4499397	SUBSIDIARY (8)
TIAA International Asia LLC	81-4359164	SUBSIDIARY (9)
TGAM APAC LLC	81-4290269	SUBSIDIARY (5)
TGAM Asia LLC	81-4306975	SUBSIDIARY (7)
TIAA International APAC LLC	81-4499397	SUBSIDIARY (8)
TIAA International Asia LLC	81-4359164	SUBSIDIARY (9)
Nuveen Junior Capital Opportunities Fund GP S.à r.l		SUBSIDIARY
Nuveen Real Estate Property Holdings L.L.C.	08-1217855	SUBSIDIARY
Casa Partners VI GP, LLC	30-0794692	SUBSIDIARY
Casa Partners VII GP, LLC	47-5190671	SUBSIDIARY
CASA Partners VIII GP, LLC	82-4363605	SUBSIDIARY
CASA Partners IX GP, LLC	86-1845840	SUBSIDIARY
Global Investors GP, L.L.C.	36-4477806	SUBSIDIARY
Global Investors GP II, L.L.C.	20-2537749	SUBSIDIARY
Global Investors GP IV, L.L.C.	20-3070768	SUBSIDIARY
TCAM DOF GP, LLC	26-3561391	SUBSIDIARY
TCGA BT AIV, LLC	46-5367344	SUBSIDIARY
TCGA Investor Fund GP, LLC	45-5139523	SUBSIDIARY
TCGA II Investor Fund GP, LLC	47-3511076	SUBSIDIARY
TGAM International GP LLC	81-4330570	SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
Nuveen Alternative Holdings, LLC (continued)		
Nuveen Real Estate Global LLC	81-4262460	SUBSIDIARY
Nuveen Global Investments LLC	26-2748598	SUBSIDIARY
Nuveen GP Holding Company LLC	82-2986445	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. Strategic Alternatives Fund I LP	86-1702891	SUBSIDIARY
Nuveen Real Estate U.S. Strategic Alternatives Fund I Holding Company LLC	86-1560063	SUBSIDIARY
U.S. Cities Office Fund GP LLC		SUBSIDIARY
U.S. Cities Office Fund LP		SUBSIDIARY
U.S. Cities Office Fund REIT LLC	61-1914684	SUBSIDIARY
U.S. Cities Office Fund Operating GP LLC		SUBSIDIARY
U.S. Cities Office Fund Operating LP	36-4919856	SUBSIDIARY
USCOF Maryland Farms Holdings LLC		SUBSIDIARY
U.S. Cities Office Fund Maryland Farms Co-Invest	84-4775239	SUBSIDIARY (10)
VRE-NRE Maryland Farms Venture	84-4775394	SUBSIDIARY
USCOF Optical Court LLC	85-3371600	SUBSIDIARY
U.S. Cities Multifamily Fund GP LLC	35-2633108	SUBSIDIARY
U.S. Cities Retail Fund GP LLC	82-4054235	SUBSIDIARY
U.S. Strategic Industrial Fund II GP LLC	85-2037572	SUBSIDIARY
U.S. Strategic Industrial Fund II LP	85-2116787	SUBSIDIARY
U.S. Strategic Industrial Fund II Holding Company LLC		SUBSIDIARY
SIF II Allen Street Industrial LLC	86-2842701	SUBSIDIARY
SIF II TCA Ellis Road Development Investor Member LLC	86-2136273	SUBSIDIARY
SIF II TCA Ellis Road Development Venture LLC		SUBSIDIARY
Union Property Operations NRE VII LLC	86-1621541	SUBSIDIARY
Nuveen Imajn Holdings Member LLC	85-2857187	SUBSIDIARY
Imajn Homes Holdings, LLC		SUBSIDIARY
Imajn Services LLC		SUBSIDIARY
Imajn Asset Manager LLC		SUBSIDIARY
Sparrow Realty investment I Managing Member LLC		SUBSIDIARY
Nuveen Permian Investor Asset Manager Member LLC	81-5466713	SUBSIDIARY
Permian Investor Asset Manager LLC	82-0631410	SUBSIDIARY
Nuveen Real Estate Global Cities Advisors LLC	82-3426937	SUBSIDIARY
Nuveen Real Estate Project Management Services LLC	84-2502695	SUBSIDIARY
TIAA International Holdings 1 Limited	46-1162850	SUBSIDIARY
Clean Energy Partners HoldCo LLP		SUBSIDIARY (11)
Nuveen Real Estate Limited	98-1125673	SUBSIDIARY (12)
TIAA International Holdings 2 Limited	46-1163394	SUBSIDIARY
Clean Energy Partners HoldCo LLP		SUBSIDIARY (11)
Clean Energy Partners LLP		SUBSIDIARY
Glennmont Asset Management Limited		SUBSIDIARY
Clean Energy Partners CEP 2012 Limited		SUBSIDIARY
Glennmont Partners I Limited		SUBSIDIARY
Clean Energy Partners CEP Services Limited		SUBSIDIARY
Glennmont Partners III S.à r.l.		SUBSIDIARY
Glennmont REBS Europe S.à r.l.		SUBSIDIARY
TIAA International Holdings 3 Limited		SUBSIDIARY
Nuveen Real Estate Limited	98-1125673	SUBSIDIARY (12)

(1) AGR Services LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by AGR Partners LLC and 1% owned by Nuveen Alternative Holdings, LLC.

(2) Greenwood Resources Brasil, Ltda. is ultimately controlled and owned entirely by TIAA, with 99% owned by Greenwood Resources Forest Management, LLC and 1% owned by GreenWood Resources, Inc.

(3) CAM HR Resources LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by Churchill Asset Management LLC and 1% owned by Nuveen Alternative Holdings, LLC.

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

(5) TGAM APAC LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%

(6) TGAM HK HC LLC is ultimately controlled and owned entirely by TIAA, with TGAM APAC LLC, TGAM Asia LLC, TIAA International APAC LLC and TIAA International Asia LLC each owning 25%

(7) TGAM Asia LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%

(8) TIAA International APAC LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%

(9) TIAA International Asia LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%

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

(11) 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 Real Estate Limited is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA International Holdings 3, Ltd. and 1% owned by TIAA International Holdings 1, Ltd.

STATEMENT AS OF MARCH 31, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

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

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

COMPANY	FEIN	RELATIONSHIP
Nuveen Alternative Holdings, LLC (continued)		
Nuveen Administration Ltd	98-1127648	SUBSIDIARY
Nuveen Europe Holdings Limited	98-1128805	SUBSIDIARY
Henderson European Retail Property Fund Management Sarl		SUBSIDIARY
Nuveen Alternatives Europe S.à.r.l		SUBSIDIARY
Nuveen Asset Management Europe S.à.r.l		SUBSIDIARY
Nuveen Fund (Europe) Management S.à.r.l		SUBSIDIARY
Nuveen Fund Management (Jersey) Limited		SUBSIDIARY
Asia Pacific Cities Management S.à.r.l		SUBSIDIARY
Nuveen Management AIFM Limited		SUBSIDIARY
Nuveen Management Company (Luxembourg) No 1 S.à.r.l		SUBSIDIARY
Nuveen Property Management (Jersey) Limited		SUBSIDIARY
Nuveen FCACO Ltd	98-1128787	SUBSIDIARY
Nuveen Real Estate Management Ltd		SUBSIDIARY
Nuveen Shopping Centre Verwaltungs GmbH		SUBSIDIARY
TIAA-CREF Asset Management UK Ltd	98-0582851	SUBSIDIARY
Nuveen Group Holdings Ltd	98-1127632	SUBSIDIARY
Anglo-Sino Henderson Investment Consultancy (Beijing) Co Limited		SUBSIDIARY
CLOF II (GP) Limited		SUBSIDIARY
CLOF II Vanquish Limited		SUBSIDIARY
CLOF II (No 1 GP) Limited		SUBSIDIARY
CLOF II (No1 Nominees) Limited		SUBSIDIARY
CLOF II (No 2 GP) Limited		SUBSIDIARY
CLOF II (No 3 GP) Limited	98-1165678	SUBSIDIARY
Enhanced Debt Carry (GP) S.à.r.l		SUBSIDIARY
ERES APAC II (GP) S.à.r.l		SUBSIDIARY
ERES Europe II (GP) S.à.r.l		SUBSIDIARY
European Cities Partnership (GP) S.à.r.l		SUBSIDIARY
European Cities Partnership SCSp		AFFILIATE (13)
Islazul General Partner S.à.r.l		SUBSIDIARY
Matador LP General Partner Limited		SUBSIDIARY
Nuveen Consulting (Shanghai) Co Ltd		SUBSIDIARY
Nuveen Corporate Secretarial Services Limited		SUBSIDIARY
Nuveen (France) SAS		SUBSIDIARY
Nuveen Immobilien GmbH		AFFILIATE
Nuveen Italy Srl		SUBSIDIARY
Nuveen Management Austria GmbH		SUBSIDIARY
Nuveen Management Finland Oy		SUBSIDIARY
Nuveen Operations Limited		SUBSIDIARY
Nuveen Real Estate (Australia) Ltd.		SUBSIDIARY
Nuveen Real Estate Debt Partners (GP) Sarl		SUBSIDIARY
Nuveen Real Estate Debt Partners II (GP) S.à.r.l		SUBSIDIARY
Global Real Estate Debt Partners – Fund II (UK) SCSp		AFFILIATE (14)
Nuveen Real Estate Debt Partners III (GP) S.à.r.l		SUBSIDIARY
Nuveen Real Estate Nominees Limited		SUBSIDIARY
Nuveen Singapore Private Limited		SUBSIDIARY
OMP (GP) Limited		SUBSIDIARY
T-C Lux Investments GP S.à.r.l		SUBSIDIARY
TH Real Estate Limited		SUBSIDIARY
TIAA-CREF Luxembourg S.à.r.l	98-1014834	SUBSIDIARY
Tokyo Multifamily GP PTE Ltd		SUBSIDIARY
UK OM (LP1) (GP) Limited		SUBSIDIARY
UK OM (LP1) Limited		SUBSIDIARY
UK OM (LP2) (GP) Limited		SUBSIDIARY
UK OM (LP2) Limited		SUBSIDIARY
UK OM (LP3) (GP) Limited		SUBSIDIARY
UK OM (LP3) Limited		SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
Nuveen Alternative Holdings, LLC (continued)		
TIAA Global Ag Special Member LLC	45-1532009	SUBSIDIARY
TIAA Global Ag II Special Member LLC	81-1749609	SUBSIDIARY
T-C U.S. Super Regional Mall Fund GP LLC	47-3126089	SUBSIDIARY
U.S. Cities Fund GP, LLC	20-1394681	SUBSIDIARY
U.S. Cities Industrial Fund GP LLC		SUBSIDIARY
Westchester Group Investment Management Holding Company, Inc.	27-3416812	SUBSIDIARY
Westchester Group Investment Management, Inc.	27-3417683	SUBSIDIARY
Plata Wine Partners, LLC	87-0735518	SUBSIDIARY
Terra Land Co.	37-1261935	SUBSIDIARY
The Plata Wine Partners Trust	37-6589484	SUBSIDIARY
Westchester Group Farm Management, Inc.	37-1193973	SUBSIDIARY
Westchester Group of Australia Pty Ltd.		SUBSIDIARY
Westchester Group Chile Investment Management, SpA		SUBSIDIARY
Westchester Group of Europe Ltd.		SUBSIDIARY
Westchester Group SRL		SUBSIDIARY (15)
Westchester Group of Poland Sp. Z.o.o.		SUBSIDIARY
Westchester Group SRL		SUBSIDIARY (15)
Westchester Group Real Estate, Inc.	37-1194491	SUBSIDIARY
Westchester Group South America Gestao de Investimentos Ltda.		SUBSIDIARY (16)
Westchester Group South America Gestao de Investimentos Ltda.		SUBSIDIARY (16)
Westchester NGFF Investment LLC	84-3766552	SUBSIDIARY

LISTING 2 (NUVEEN FINANCE, LLC):

COMPANY	FEIN	RELATIONSHIP
Nuveen Holdings 1, Inc.	81-3425820	SUBSIDIARY
Nuveen Holdings, Inc.	26-0373324	SUBSIDIARY
Nuveen Investments, Inc.	36-3817266	SUBSIDIARY
Gresham Asset Management LLC	26-0627593	SUBSIDIARY
Gresham Investment Management LLC	20-1930384	SUBSIDIARY
Gresham Investment Management Asia Pte. Ltd.		SUBSIDIARY
NIS/R&T, Inc.	36-3293941	SUBSIDIARY
Nuveen Alternative Investments, LLC	36-4839486	SUBSIDIARY
Nuveen Fund Advisors, LLC	31-0942504	SUBSIDIARY
Nuveen Asset Management, LLC	27-4357327	SUBSIDIARY
Nuveen Funds GP I, LLC		SUBSIDIARY
Symphony Alternative Asset Management LLC	83-4025630	SUBSIDIARY
Symphony Risk Retention Finance LLC	94-3252504	SUBSIDIARY
SRR 1 LLC	30-1032009	SUBSIDIARY
Nuveen Investments Holdings, Inc.	36-7364377	SUBSIDIARY
Nuveen NWQ Holdings, LLC	36-4709028	SUBSIDIARY
NWQ Partners, LLC	30-0892190	SUBSIDIARY
NWQ Investment Management Company, LLC	47-0875103	SUBSIDIARY
Nuveen WCM Holdings, LLC	37-1695518	SUBSIDIARY
Winslow Capital Management, LLC	90-0860898	SUBSIDIARY
Growth Capital GP I, LLC	81-0730906	SUBSIDIARY
Nuveen Securities, LLC	36-2639476	SUBSIDIARY
Santa Barbara Asset Management, LLC	20-3432117	SUBSIDIARY
Teachers Advisors, LLC	13-3760073	SUBSIDIARY
Colinvest Member LLC	82-1157427	SUBSIDIARY
Nuveen TALF Opportunities GP, LLC		SUBSIDIARY

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

(14) 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.

(15) 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.

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

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

LISTING 3:

COMPANY	FEIN	RELATIONSHIP
485 Properties, LLC	13-3987258	SUBSIDIARY
730 Data Centers, LLC	81-3091169	SUBSIDIARY
730 Aviator, LLC	82-0793232	SUBSIDIARY
730 Databridge, LLC	81-3106043	SUBSIDIARY
730 Power Development, LLC	47-2616735	SUBSIDIARY
730 Carrol, LLC	47-2622825	SUBSIDIARY
730 Cricket, 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
Great Western Petroleum LLC		AFFILIATE
Broadleaf Timberland Investments, LLC	46-1952974	SUBSIDIARY
Quercus Forestland Account, LLC	26-4647417	SUBSIDIARY
Quercus Panama, LLC		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	26-3484719	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 II, Pty., Ltd.		SUBSIDIARY
IAI Australia Fund II Trust		SUBSIDIARY
IAI USA Fund II, LLC	26-2747755	SUBSIDIARY
Churchill Junior Capital Opportunities Fund II, L.P.		SUBSIDIARY
Churchill Middle Market CLO IV Ltd.	98-1402136	SUBSIDIARY
Churchill Middle Market Senior Loan Fund, LP	81-1810508	SUBSIDIARY
Churchill Middle Market Senior Loan Fund III, LP		SUBSIDIARY
Distressed Opportunities Fund, L.P.	26-3561447	SUBSIDIARY
DWM Inclusive Finance Equity Fund II		AFFILIATE
DWM Microfinance Equity Fund I	98-0580879	AFFILIATE
Envisage Information Systems, LLC	04-3718449	SUBSIDIARY
EPP LFG I, LLC	30-0701953	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
T-C 636 Sixth Avenue Retail LLC	47-2264739	SUBSIDIARY
CPF 856 Market Street LLC	81-2982618	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	26-2766805	SUBSIDIARY
Silverado Winegrowers Holdings, LLC	43-3997217	SUBSIDIARY
Silverado Winegrowers LLC	68-0443927	SUBSIDIARY
Alta Loma Vineyard, LLC	94-3357571	SUBSIDIARY
Oak Knoll Napa Vineyards, LLC	94-3312405	SUBSIDIARY
Silverado Suscol, LLC	91-1806950	SUBSIDIARY
SWG Paso Vineyard, LLC	45-4820104	SUBSIDIARY
Global Real Estate Debt Partners – Fund I (UK) SCSp		SUBSIDIARY
Global Real Estate Debt Partners – Fund II (UK) SCSp		AFFILIATE
GreshamQuant ACAR Fund LLC	32-0509812	SUBSIDIARY
Growth Capital Fund I, L.P.	81-0737062	SUBSIDIARY
Inception GP LLC		SUBSIDIARY
Infra Alpha, LLC	27-4149157	SUBSIDIARY
EMG Investments, LLC	27-3900641	AFFILIATE
L.A. Teak Holdings, LLC		SUBSIDIARY
Landed Educator Retention Fund, LP		AFFILIATE
Lewis & Clark Timberlands, LLC	47-4169877	SUBSIDIARY
L&C Log Co, LLC	47-4187541	SUBSIDIARY
L&C Tree Farms, LLC	47-4196668	SUBSIDIARY
L&C TRS LLC	47-5300478	SUBSIDIARY
MM Funding, LLC	13-1624203	SUBSIDIARY
MyVest Corporation	47-0902011	SUBSIDIARY
NBPT Aggregator LLC		SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
Mansilla Participacoes LTDA		SUBSIDIARY
Radar Propriedades Agricolas S.A.		SUBSIDIARY
Nova Amaralina S.A. Propriedades Agricolas		SUBSIDIARY
Nova Agricola Ponte Alta S.A.		SUBSIDIARY
Nova Santa Barbara Agricola S.A.		SUBSIDIARY
Terras da Ponte Alta S.A.		SUBSIDIARY
Radar II Propriedades Agricolas S.A.		AFFILIATE
Proud Participacoes S.A.		AFFILIATE
Radar Propriedades Agricolas S.A.		AFFILIATE
Vale De Ponte Alta S.A.		AFFILIATE
Bioinvestments Negocios e Participacoes		AFFILIATE
Aguas de Ponte Alta S.A.		AFFILIATE
New York City Property Fund II LP	82-4183425	SUBSIDIARY
New York City Property Fund REIT LLC	83-4678924	SUBSIDIARY
New York City Fund Operating GP LLC	83-4701919	SUBSIDIARY
New York City Property Fund Operating LP	83-4671194	SUBSIDIARY
125 West End Investors LLC	84-3388831	SUBSIDIARY
125 West End Holdings LLC	84-3408615	SUBSIDIARY
125 West End Associates LLC	83-4653622	SUBSIDIARY
NGFF Holdco, LLC	84-2320652	SUBSIDIARY
Nuveen Global Farmland Fund, LP	84-1895540	SUBSIDIARY
Global Farmland Properties LLC	84-1834824	SUBSIDIARY
US Horticulture Farmland, LLC	84-1857338	SUBSIDIARY
US Row Farmland, LLC	84-1842298	SUBSIDIARY
US Viticulture Farmland, LLC	84-1880235	SUBSIDIARY
NRFC Inception IV, LP	46-2031403	SUBSIDIARY
NRFC Inception V, LP	46-2062147	SUBSIDIARY
Nuveen CLO Issuance Fund LP		SUBSIDIARY
Nuveen Global Impact Fund LP	84-5180286	SUBSIDIARY
Nuveen High Yield Municipal Opportunitites Fund LP	83-4357309	SUBSIDIARY
Nuveen Municipal Opportunities Fund LP	83-4341275	SUBSIDIARY
Nuveen Real Estate U.S. Strategic Industrial Fund I LP	81-2429791	SUBSIDIARY
Occator Agricultural Properties, LLC	26-4750562	SUBSIDIARY
AGR Agricultural Investments, LLC	46-1768969	SUBSIDIARY
Ridley Corporation Limited		AFFILIATE
Mandala Food Co-Investment Holdings II SPV		SUBSIDIARY
Mattera, LLC	45-1125143	AFFILIATE
Teays River Investments, LLC	26-4621336	AFFILIATE
Oleum Holding Company, Inc.	26-4248579	SUBSIDIARY
2234328 Alberta ULC		SUBSIDIARY
Polar Star Canadian Oil and Gas Holding, Inc.		SUBSIDIARY
Adastra Management, Inc.		SUBSIDIARY
Otto's South Vineyard, LLC	85-1933477	SUBSIDIARY
Pinnacle Third Avenue, LP	26-3821015	AFFILIATE
Primary Residential Individual Mortgage Entity Trust	81-6646838	SUBSIDIARY
Renewable Timber Europe, LLC	45-2792614	SUBSIDIARY
Renewable Timber Netherlands B.V.		SUBSIDIARY
Topola Lasy Spolka z o.o.		SUBSIDIARY
Renewable Timber Resources, LLC	61-1640765	SUBSIDIARY
REP Coinvest III TEC, L.P.		AFFILIATE
Shf-33d North Apts, LLC	47-3994280	SUBSIDIARY
Shf-Millennium One Apts, LLC	47-4155469	SUBSIDIARY
Shf-The Rocks Apts, LLC	81-2450195	SUBSIDIARY

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

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

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

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

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

(14) 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.a.r.l.

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

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SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP  
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LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP
ND Properties, Inc.	11-3034756	SUBSIDIARY	ND Properties, Inc. (continued)			T-C Australia RE Holdings I, LLC	81-2490530	SUBSIDIARY
Northeshopping Retail and Leisure Centre BV		SUBSIDIARY	London Belgrave Unit Trust		AFFILIATE	(27) T-C Australia RE Holdings II, LLC	81-2506975	SUBSIDIARY
Northeshopping - Centro Commercial, S.A.		SUBSIDIARY	CLOF Victoria Nominee 1 Limited		AFFILIATE	TIAA Australia Real Estate Trust		SUBSIDIARY
ND Europe S.a.r.l.		SUBSIDIARY	CLOF Victoria Nominee 2 Limited		AFFILIATE	TIAA Melbourne Retail Holding 1 Trust		SUBSIDIARY
ND Europe Office Holding S.à r.l.		SUBSIDIARY	New Fetter Lane Unit Trust		AFFILIATE	(28) TGA Miller Street Trust		SUBSIDIARY
Cityhold Nympe S.à r.l.		AFFILIATE	(23) 60 Great Portland Street Unit Trust		AFFILIATE	(29) TIAA Melbourne Retail Holding 1 Trust		SUBSIDIARY
Cityhold Propco 11 S.à r.l.		AFFILIATE	SMA Holding S.à r.l.		AFFILIATE	TIAA Melbourne Retail Asset 1 Trust		SUBSIDIARY
OVG Cloud S.à r.l.		AFFILIATE	(24) 70 St Mary Axe Unit Trust		AFFILIATE	(30) TGA Australia Real Estate Trust 2		SUBSIDIARY
Cityhold Euro S.à r.l.		AFFILIATE	(25) HV Properties S.à r.l.		AFFILIATE	TGA PBSA Hold Trust		SUBSIDIARY
Cityhold Office Partnership S.à r.l.		AFFILIATE	HV Freehold S.à r.l.		AFFILIATE	TGA PBSA Asset Trust 1		SUBSIDIARY
CHOP OPCI		AFFILIATE	TIAA Lux 9 S.a.r.l		AFFILIATE	TGA PBSA Asset Trust 2		SUBSIDIARY
Cityhold Iconic Holding SAS	98-1435873	AFFILIATE	SAS Malachite		AFFILIATE	TGA PBSA Asset Trust 3		SUBSIDIARY
Cityhold Iconic Hotel SNC	98-1433967	AFFILIATE	SNC Garnet-TIAA		AFFILIATE	TGA PBSA Hold Trust 2		SUBSIDIARY
Cityhold Iconic Office SCI	98-1433956	AFFILIATE	SNC La Defense		AFFILIATE	TGA PBSA Asset Trust 4		SUBSIDIARY
Cityhold Iconic Retail SNC	98-1433960	AFFILIATE	SNC Lazuli		AFFILIATE	T-C Europe Holding Inc.	47-2363168	SUBSIDIARY
Cityhold Iconic Youth Hostel SNC	98-1433975	AFFILIATE	SNC Peridot		AFFILIATE	T-C Europe LP	47-2369576	SUBSIDIARY
Cityhold EST Investment S.à r.l.		AFFILIATE	T-C Pep Holding S.a.r.l.		SUBSIDIARY	T-C Europe LP	47-2369576	SUBSIDIARY
Cityhold Prinses Cooperatief U.A.		AFFILIATE	T-C Pep Property S.a.r.l.		SUBSIDIARY	T-C Europe S.à r.l.		SUBSIDIARY
Cityhold Prinses AcquiCo B.V.		AFFILIATE	T-C Pep Asset S.a.r.l.		SUBSIDIARY	Nightingale LuxCo S.à r.l.		SUBSIDIARY
Ark Portfolio Owner Prinses B.V.		AFFILIATE	TIAA Lux 11 S.a.r.l		SUBSIDIARY	T-C Nordics Investment AB		SUBSIDIARY
Cityhold Jobbe SAS		AFFILIATE	Gropius Passagen Verwaltungs GmbH		SUBSIDIARY	Sweden Nova Lund 1 AB		SUBSIDIARY
Cityhold Jobbe SCI		AFFILIATE	Gropius Passagen GmbH & Co KG		SUBSIDIARY	Sweden Nova Lund 2 AB		SUBSIDIARY
Cityhold Nympe S.à r.l.		AFFILIATE	Gropius S.a.r.l		SUBSIDIARY	T-C Luxembourg Neptune Holdings S.à r.l.		SUBSIDIARY
Cityhold Propco 6 S.à r.l.		AFFILIATE	(23) Gropius Passagen GmbH & Co KG		SUBSIDIARY	(31) T-C Neptune Holdings S. à r.l.		SUBSIDIARY
Cityhold Iconic Hotel OPCO SAS	98-1433939	AFFILIATE	TIAA Lux 5 S.a.r.l.		SUBSIDIARY	Neptune Property Venture S.à r.l.		SUBSIDIARY
Cityhold Iconic Investment S.à r.l.	98-1435880	AFFILIATE	Erlangen Arcaden GmbH & Co. KG		SUBSIDIARY	Castel Guelfo I SRL		SUBSIDIARY
Cityhold Propco 9 S.à r.l.		AFFILIATE	U.S. Cities Fund, LP	20-1371171	SUBSIDIARY	Neptune Holding Spain, S.L.		SUBSIDIARY
36 Rue La Fayette SAS		AFFILIATE	U.S. Cities Fund REIT, LLC	20-1371379	SUBSIDIARY	Promcat Alternativa, S.L.		SUBSIDIARY
SAS Roosevelt		AFFILIATE	U.S. Cities Fund Operating GP, LLC	20-1364650	SUBSIDIARY	Neptune Madrid Holdco S.L.		SUBSIDIARY
SNC Roosevelt		AFFILIATE	(26) U.S. Cities Fund Operating, LP	20-1371235	SUBSIDIARY	Neptune Nassica Propco S.L.		SUBSIDIARY
Roosevelt Participation S.à r.l.		AFFILIATE	T-C Falls Center Townhouses LLC	46-5061808	SUBSIDIARY	Neptune Getafe Propco S.L.		SUBSIDIARY
SNC Roosevelt		AFFILIATE	(26) T-C King Street Station LLC	26-1700245	SUBSIDIARY	Neptune Las Rozas Outlet S.L.		SUBSIDIARY
Courcelles 70 SAS		AFFILIATE	T-C Trio Apartments LLC	45-2892182	SUBSIDIARY	Neptune San Sebastian Outlet S.L.		SUBSIDIARY
Cityhold Euro S.à r.l.		AFFILIATE	(25) U.S. Cities Multifamily CPF Fund Operating LP	81-3794611	SUBSIDIARY	Neptune Polish HoldCo 2 B.V.		SUBSIDIARY
Cityhold Propco 7 S.à r.l.		AFFILIATE	T-C Potomac Promenade LLC	27-4116676	SUBSIDIARY	Neptune Ursus SP, z.o.o.		SUBSIDIARY
Cityhold Propco 10 S.à r.l.		AFFILIATE	TCAM Core Prop Fund REIT 2 LLC	47-4935916	SUBSIDIARY	Neptune Polish Property Venture BV		SUBSIDIARY
Cityhold Gouden Bocht B.V.		AFFILIATE	Siguler Guff Third Avenue, L.P.	03-0543113	SUBSIDIARY	Neptune Krakow SP, z.o.o.		SUBSIDIARY
Cityhold Gouden Bocht Monumenten B.V.		AFFILIATE	Social Infra, LLC		SUBSIDIARY	Neptune Annopol SP, z.o.o.		SUBSIDIARY
Redevelopment Property II B.V.	98-1438380	AFFILIATE	Stichting Bewaarder Ziemia Fund		AFFILIATE	Neptune Poznan SP, z.o.o.		SUBSIDIARY
Cityhold Propco 12 S.à r.l.		AFFILIATE	T-C 685 Third Avenue Member, LLC	27-4123754	SUBSIDIARY	Neptune OPCI SAS		SUBSIDIARY
Cityhold GC Investment S.à r.l.		AFFILIATE	T-C 685 Third Avenue, LLC	27-3095569	SUBSIDIARY	Roppenheim Holding SAS		SUBSIDIARY
OVG Cloud S.à r.l.		AFFILIATE	(24) T-C 685 Third Avenue Owner LLC	61-1754745	SUBSIDIARY	Roppenheim Outlet SNC		SUBSIDIARY
Cityhold Grand Central Berlin SCS		AFFILIATE	T-C 699 Bourke Street LLC	46-4969690	SUBSIDIARY	Neptune Property Holding S.à r.l.		SUBSIDIARY
Cityhold Sterling S.à r.l.		AFFILIATE				Neptune Amsterdam B.V.		SUBSIDIARY
Cityhold UK Holding S.à r.l.		AFFILIATE				Neptune Gliwice Sp. z o.o.		SUBSIDIARY
Cityhold UK Investment S.à r.l.		AFFILIATE				Neptune Roppenheim Holding S.à r.l		SUBSIDIARY
London Belgrave Unit Trust		AFFILIATE	(27)			Roppenheim Outlet SNC		SUBSIDIARY
New Fetter Lane Unit Trust		AFFILIATE	(28)			Neptune Viculungo I S.r.l.		SUBSIDIARY
60 Great Portland Street Unit Trust		AFFILIATE	(29)			TC-Norway AS		SUBSIDIARY
70 St Mary Axe Unit Trust		AFFILIATE	(30)			Skedsmo Logistikk AS		SUBSIDIARY

(23) 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.

(24) 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).

(25) 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.

(26) 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%).

(27) 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%).

(28) 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%).

(29) 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%).

(30) 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%).

(31) 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%.

(32) 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.

(33) 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%).

STATEMENT AS OF MARCH 31, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

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

LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP
T-C GA Real Estate Holdings, LLC	45-2877772	SUBSIDIARY
8 Spruce Street GA Investor, LLC	46-0959792	SUBSIDIARY
FC 8 Spruce Holdings, LLC	46-1403221	AFFILIATE
FC 8 Spruce Street Residential, LLC		AFFILIATE
2300 Broadway Storage Operator LLC	84-2144204	SUBSIDIARY
Nuveen Global Cities REIT, Inc.	82-1419222	SUBSIDIARY
Nuveen Global Cities REIT LP, LLC	82-1502883	SUBSIDIARY
Nuveen Global Cities REIT OP, LP	82-1507988	SUBSIDIARY
NR 844 North LLC	82-3527067	SUBSIDIARY
NR 9725 Datapoint Drive LLC	84-3576911	SUBSIDIARY
NR APCF Investor Ltd.		SUBSIDIARY
NR Berkeley Lake Road LLC	86-2212099	SUBSIDIARY
NR Defoor Hills LLC	82-5519657	SUBSIDIARY
NR Denver Industrial Portfolio LLC	82-3539243	SUBSIDIARY
NR East Sego Lily LLC	83-3651003	SUBSIDIARY
NR ECF Investor Ltd.		SUBSIDIARY
NR Globe Street Industrial LLC	84-3175301	SUBSIDIARY
NR Henderson 215 LLC	83-1495411	SUBSIDIARY
NR Kirkland Crossing LLC	82-3556058	SUBSIDIARY
NR Main Street at Kingwood LLC	83-1815798	SUBSIDIARY
NR Massachusetts REIT Member LLC		SUBSIDIARY
NR 1 National Street LLC	85-2687958	SUBSIDIARY
NR MOB 1335 North Mill Street LLC	85-3509880	SUBSIDIARY
NR MOB 2945 Wilderness Place Member LLC	86-1392851	SUBSIDIARY
NRNX MOB 2945 Wilderness Place Venture LLC	86-1393093	SUBSIDIARY
NR MOB 2945 Wilderness Place LLC		SUBSIDIARY
NR MOB 4600 Bill Gardner Parkway LLC	85-3510154	SUBSIDIARY
NR San Antonio Industrial Building LLC	85-4201485	SUBSIDIARY
NR Tacara at Steiner Ranch LLC	82-5503093	SUBSIDIARY
Nuveen Global Cities REIT Lending, LLC	83-4298885	SUBSIDIARY
T-C 2 Herald Square Member LLC	47-1535030	SUBSIDIARY
T-C 2 Herald Square Venture LLC	47-1650509	SUBSIDIARY
T-C 2 Herald Square Owner LLC	47-1488131	SUBSIDIARY
T-C 1101 Pennsylvania Avenue LLC	27-2952349	SUBSIDIARY
T-C 1101 Pennsylvania Avenue Venture LLC	27-2952617	SUBSIDIARY
T-C 1101 Pennsylvania Avenue Owner LLC	27-2952860	SUBSIDIARY
T-C 33 Arch Street Member, LLC	46-1851206	SUBSIDIARY
T-C 33 Arch Street Venture, LLC	46-1805501	SUBSIDIARY
T-C 33 Arch Street, LLC	45-2792699	SUBSIDIARY
T-C 470 Park Avenue South Member LLC	46-1754709	SUBSIDIARY
T-C 470 Park Avenue South Venture LLC	46-1744112	SUBSIDIARY
T-C 475 Fifth Avenue Member, LLC	46-1828055	SUBSIDIARY
T-C 475 Fifth Avenue Venture LLC	46-1839003	SUBSIDIARY
T-C 475 Fifth Avenue, LLC	45-3229803	SUBSIDIARY
T-C 800 17th Street NW Member LLC	47-2189075	SUBSIDIARY
T-C 800 17th Street NW Venture LLC	47-2118640	SUBSIDIARY
T-C 800 17th Street NW Owner LLC	47-2069910	SUBSIDIARY
T-C 888 Brannan Member LLC	47-4665824	SUBSIDIARY
T-C 888 Brannan Venture LLC	47-4684031	SUBSIDIARY
T-C 888 Brannan Owner LLC	47-4674147	SUBSIDIARY
T-C 888 Brannan TRS, LLC	47-5605380	SUBSIDIARY
T-C 2300 Broadway, LLC	45-3479701	SUBSIDIARY
T-C Aspira LLC	46-1220681	SUBSIDIARY
T-C Franklin Square Member, LLC	46-1791581	SUBSIDIARY
T-C Franklin Square Venture LLC	46-1794486	SUBSIDIARY
TIAA Franklin Square, LLC	26-0011770	SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
T-C GA Real Estate Holdings, LLC (continued)		
T-C Hall of States Member LLC	47-2023405	SUBSIDIARY
T-C Hall of States Venture LLC	47-2043468	SUBSIDIARY
T-C Hall of States Owner LLC	47-2034237	SUBSIDIARY
T-C Kings Crossing, LLC	45-4045658	SUBSIDIARY
T-C Legacy Place Member, LLC	46-1120016	SUBSIDIARY
Legacy Place Associates, LLC	46-0876833	SUBSIDIARY
300 Legacy Place Boulevard LLC		SUBSIDIARY
Legacy Place Properties, LLC	30-0769316	SUBSIDIARY
T-C Republic Square Member LLC	47-2903922	SUBSIDIARY
T-C Republic Square Venture LLC	47-2867784	SUBSIDIARY
T-C Republic Square REIT LLC	47-3033681	SUBSIDIARY
T-C Republic Square Mezzanine LLC	47-3091198	SUBSIDIARY
T-C Republic Square Owner LLC	47-2793452	SUBSIDIARY
The Flats Holding Company LLC	47-1379500	SUBSIDIARY
The Flats 130 DC Residential LLC	47-1347366	SUBSIDIARY
The Flats 140 DC Residential LLC	47-1363564	SUBSIDIARY
The Flats DC Grocery LLC	47-1367530	SUBSIDIARY
T-C JK I, LLC	46-4567368	SUBSIDIARY
Adeoti Empreendimentos Imobiliários Ltda		SUBSIDIARY
T-C JK II, LLC	46-4587620	SUBSIDIARY
Adeoti Empreendimentos Imobiliários Ltda		SUBSIDIARY
T-C Lux Fund Holdings LLC	47-4095803	SUBSIDIARY
T-C Lux Investments Special Limited Partnership		SUBSIDIARY
European Cities Partnership SCSp		AFFILIATE
Global Real Estate Debt Partners – Fund I (UK) SCSp		SUBSIDIARY
T-C MV Member LLC	81-4583865	SUBSIDIARY
T-C M-T REIT LLC	81-4599024	SUBSIDIARY
T-C MV Member II LLC		SUBSIDIARY
T-C M-T REIT II LLC	84-3224525	SUBSIDIARY
T-C MT II Originations TRS LLC	85-2937933	SUBSIDIARY
T-C Mt. Ommaney Centre Holding Company LLC	47-1954609	SUBSIDIARY
T-C Mt. Ommaney Centre LLC	47-1828871	SUBSIDIARY
T-C Permian Investor LLC	82-1023309	SUBSIDIARY
T-C SBMC Joint Venture LLC	46-3007720	SUBSIDIARY
T-C SMA 2, LLC	36-4620008	SUBSIDIARY
PennMuni-TIAA U.S. Real Estate Fund, LLC	36-4619998	SUBSIDIARY
T-C The Edge at Flagler Village, LLC	81-2204918	SUBSIDIARY
T-C UK RE Holdings I, LLC	81-2676934	SUBSIDIARY
T-C UK RE Holdings II, LLC	81-2691474	SUBSIDIARY
Thurrock Retail Park Unit Trust		SUBSIDIARY
T-C UK RE Holdings III, LLC	81-3299073	SUBSIDIARY
Thurrock Retail Park Unit Trust		SUBSIDIARY
T-C U.S. Super Regional Mall Fund LP	47-3148337	SUBSIDIARY
T-C Waterford Blue Lagoon General Partner, LLC	47-5379777	SUBSIDIARY
Waterford Blue Lagoon LP	47-5392075	SUBSIDIARY
T-C Waterford Blue Lagoon, LLC	47-5375805	SUBSIDIARY
Waterford Blue Lagoon LP	47-5392075	SUBSIDIARY
Westland At Waterford REIT General Partner LLC	81-0779817	SUBSIDIARY
Westland At Waterford REIT LP	47-5321319	SUBSIDIARY
Westland At Waterford General Partner LLC	47-5635267	SUBSIDIARY
Westland At Waterford Operating LP	47-5580924	SUBSIDIARY
Waterford Blue Lagoon REIT General Partner LLC		SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
T-C Waterford Blue Lagoon, LLC (continued)		
Waterford Blue Lagoon REIT LP	47-5305678	SUBSIDIARY
5201-5301 Waterford General Partner LLC	47-5642524	SUBSIDIARY
5201-5301 Waterford Operating LP	47-5541032	SUBSIDIARY
5200 Waterford General Partner LLC	47-5672651	SUBSIDIARY
5200 Waterford Operating LP	47-5498987	SUBSIDIARY
1000 Waterford General Partner LLC	81-0722154	SUBSIDIARY
1000 Waterford Operating LP	47-5479437	SUBSIDIARY
701-703 Waterford General Partner LLC	47-5445045	SUBSIDIARY
701-703 Waterford Operating LP	47-5471474	SUBSIDIARY
Waterford Core REIT General Partner LLC	82-2631273	SUBSIDIARY
Waterford Core REIT LP	82-2646233	SUBSIDIARY
Waterford Core 800 REIT General Partner LLC		SUBSIDIARY
Waterford Core 800 REIT LP	84-3541603	SUBSIDIARY
Waterford Core General Partner LLC	81-0733012	SUBSIDIARY
Waterford Core Operating LP	47-5587163	SUBSIDIARY
Waterford Core II Operating LP	82-2663579	SUBSIDIARY
Waterford Core II General Partner LLC	82-2672287	SUBSIDIARY
TGA 10th Street Business Park LLC	84-3332496	SUBSIDIARY
TGA 127-137 Franklin LLC	82-1645257	SUBSIDIARY
TGA 299 Franklin LLC	81-2769108	SUBSIDIARY
TGA 600 College Road LLC	81-3988795	SUBSIDIARY
TGA 730 Third Avenue Owner LLC	83-2548459	SUBSIDIARY
TGA 3401 North Ashton Blvd LLC	83-2957526	SUBSIDIARY
TGA 3851 Grandpine Way LLC	82-4830474	SUBSIDIARY
TGA APAC Fund Holdings, LLC	82-2225812	SUBSIDIARY
Asia Pacific Cities Fund, FCP		SUBSIDIARY
TGA Real Estate Fund Holdings, LLC	82-2311300	SUBSIDIARY
Asia Pacific Cities Fund, FCP		SUBSIDIARY
TGA ASI Riverstone Investor Member LLC	86-2376987	SUBSIDIARY
TGA Auburn Business Park LLC	84-3830265	SUBSIDIARY
TGA Aurora DC III LLC	84-3285557	SUBSIDIARY
TGA Baltimore LC LLC	84-3475931	SUBSIDIARY
TGA Barnes Canyon Life Science LLC	83-1851559	SUBSIDIARY
TGA PC MCF Investor Member LLC	85-3076626	SUBSIDIARY
TGA Beckwith Farms LLC	84-3303586	SUBSIDIARY
TGA Bedford Park LLC	84-3314123	SUBSIDIARY
TGA Boulder Creek LLC	85-4073425	SUBSIDIARY
TGA Bridge Creek LLC	85-4073222	SUBSIDIARY
TGA Bridge Point LLC	84-3441362	SUBSIDIARY
TGA Cactus DC I LLC	84-2939313	SUBSIDIARY
TGA Cactus DC II LLC	84-2939493	SUBSIDIARY
TGA Capital Beltway CC LLC	84-3523623	SUBSIDIARY
TGA Center Square DC LLC	84-3487859	SUBSIDIARY
TGA Centerpointe LLC	84-3314029	SUBSIDIARY
TGA Central Green LLC	83-3799476	SUBSIDIARY
TGA Central Square Investor Member LLC	84-4376282	SUBSIDIARY
TGACSE Central Square Holdings LLC	84-4880676	SUBSIDIARY
TGACSE Central Square LLC	84-4893448	SUBSIDIARY
TGACSE Midwood Corners LLC	84-4923976	SUBSIDIARY
TGACSE Morningside LLC	84-4893383	SUBSIDIARY
TGACSE Triangle LLC	84-4924033	SUBSIDIARY
TGA Connections at Athens Investor Member LLC	83-0780652	SUBSIDIARY
PEP-TH Athens, LLC	61-1892161	SUBSIDIARY
PEP Athens, LLC	83-1011298	SUBSIDIARY
TGA Creekside Village Investor Member LLC	85-1065983	SUBSIDIARY
TGA East Coronado Industrial LLC	84-3740496	SUBSIDIARY
TGA East Miraloma Industrial LLC	84-3740590	SUBSIDIARY

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

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

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

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

(36) 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%.

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

STATEMENT AS OF MARCH 31, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

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

LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP
TEFF Holdco LLC	81-2146865	SUBSIDIARY
TIAA European Farmland Fund GP LP	98-1310748	SUBSIDIARY (4)
TIAA European Farmland Fund LP	98-1310748	SUBSIDIARY
TEFF Holding S.à.r.l		SUBSIDIARY
TEFF Investments B.V.		SUBSIDIARY
Areal III Spolka z o.o.		SUBSIDIARY
Hodowla Zwierząt Zarodowych Choczewo Spolka z o.o.		SUBSIDIARY
Hodowla Zwierząt Zarodowych Wierchucino Spolka z o.o.		SUBSIDIARY
Hodowla Zwierząt Zarodowych Zarnowiec Spolka z o.o.		SUBSIDIARY
Dangro Invest SA		SUBSIDIARY
AGAT Spolka z o.o.		SUBSIDIARY
AGRA Spolka z o.o.		SUBSIDIARY
AGRAMAX Spolka z o.o.		SUBSIDIARY
AGRIFARM Spolka z o.o.		SUBSIDIARY
AGRO - DUBLINY SP. z o.o.		SUBSIDIARY
AGROLAND Spolka z o.o.		SUBSIDIARY
AGROSERVICE Spolka z o.o.		SUBSIDIARY
AMAL Spolka z o.o.		SUBSIDIARY
CISY Spolka z o.o.		SUBSIDIARY
KOLNO Spolka z o.o.		SUBSIDIARY
MILKOWO Sp. Z o.o.		SUBSIDIARY
SATOPY Spolka z o.o.		SUBSIDIARY
SEE-AGRO SP. z o.o.		SUBSIDIARY
SOBIERADZ Spolka z o.o.		SUBSIDIARY
Pszennol SA		SUBSIDIARY
BUDUS Spolka z o.o.		SUBSIDIARY
LOZICE Sp. z o.o.		SUBSIDIARY
OGARDY SP. z o.o.		SUBSIDIARY
ROLA Spolka z o.o.		SUBSIDIARY
ROLPOL Spolka z o.o.		SUBSIDIARY
ROLZBUD Spolka z o.o		SUBSIDIARY
SZAFIR SP. z o.o.		SUBSIDIARY
WALICHNOWY Sp. z o.o.		SUBSIDIARY
WEZINY SP. z o.o.		SUBSIDIARY
ZIEMROL Spolka z o.o.		SUBSIDIARY
Adamas SA		SUBSIDIARY
AMBER SP. z o.o.		SUBSIDIARY
CIESZYSLAW SP z o.o.		SUBSIDIARY
JAROSLAWSKO I SP. z o.o.		SUBSIDIARY
JAROSLAWSKO II SP. z o.o.		SUBSIDIARY
JASIONNO Spolka z o.o.		SUBSIDIARY
OPAL SP z o.o.		SUBSIDIARY
TETYRI SP. z o.o.		SUBSIDIARY
Gospodarstwo Okopy Sp. z o.o.		SUBSIDIARY
Agrohoph Bielice Sp. z o.o.		SUBSIDIARY
Agrohoph Service Sp. z o.o.		SUBSIDIARY
Agrohoph Sp. z o.o.		SUBSIDIARY
Agrohoph Bis Sp. z o.o.		SUBSIDIARY
Cieszanowice Solar Park sp. z o.o.		SUBSIDIARY
Przedsiębiorstwo Rolne Okopy Sp. z o.o.		SUBSIDIARY
TGA Eastridge Investor Member LLC		SUBSIDIARY
TGA King EastRidge Venture LLC		SUBSIDIARY
TGA King EastRidge Owner LLC		SUBSIDIARY
TGA Emerald Corporate Park LLC	84-3740669	SUBSIDIARY
TGA Englewood DC LLC	84-3502383	SUBSIDIARY
TGA Enterprise Park Business Center LLC		SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
TGA European RE Holdings I, LLC	83-2810033	SUBSIDIARY
Eagle GPCo S.à r.l.		SUBSIDIARY
Eagle Partnership SCSp		SUBSIDIARY
Eagle JVCo S.à r.l.		SUBSIDIARY
CB Krieau Dzwei GmbH		SUBSIDIARY
VIE Student House A GmbH & Co KG		SUBSIDIARY (38)
Eagle Austria Holdings S.à r.l.		SUBSIDIARY
VIE Student House A GmbH & Co KG		SUBSIDIARY (38)
Studenthouse Rua Manuel Pereira, S.A		SUBSIDIARY
Wroclaw Fabryczna 22 sp. z o.o.		SUBSIDIARY
Wroclaw Prusa 9 sp. z o.o.		SUBSIDIARY
TK Living GPCo Sarl		SUBSIDIARY
TK Living Partnership SCSp		SUBSIDIARY
TK Living JVCo Sarl		SUBSIDIARY
Lotomint S.L.		SUBSIDIARY
Carminsln S.L.		SUBSIDIARY
Naraliso S.L.		SUBSIDIARY
Sanfergar S.L.		SUBSIDIARY
Tinesen S.L.		SUBSIDIARY
TGA FC Investor Member LLC		SUBSIDIARY
Fenway Center Holding 1-2, LLC	82-2708488	SUBSIDIARY
Fenway Center Owner 1-2, LLC	82-2708488	SUBSIDIARY
TGA Franklin Square IC I LLC	84-3523773	SUBSIDIARY
TGA Franklin Square IC II LLC	84-3523813	SUBSIDIARY
TGA Freeport DC LLC	84-3332846	SUBSIDIARY
TGA Greenstone Logistics Center LLC	84-3740749	SUBSIDIARY
TGA Hagerstown DC LLC	84-3463522	SUBSIDIARY
TGA Hollins End LLC	84-3475313	SUBSIDIARY
TGA I-95 DC LLC	84-3523721	SUBSIDIARY
TGA Japan Holdings, LLC	81-3602072	SUBSIDIARY
TGA Japan Holdings Pte Ltd		SUBSIDIARY
TGA Japan GK Holdings Pte Ltd		SUBSIDIARY
TGA Ginza 115 Holdings Pte Ltd		SUBSIDIARY
TGA JL Investor Member LLC	84-3718861	SUBSIDIARY
TGA JL II Investor Member LLC	84-4376472	SUBSIDIARY
TGA JL MCF Investor Member LLC	85-1292481	SUBSIDIARY
TGA Landover DC LLC	84-3523582	SUBSIDIARY
TGA Maryland Farms Holdings LLC	84-4773958	SUBSIDIARY
U.S. Cities Office Fund Maryland Farms Co-Invest	84-4775239	SUBSIDIARY (10)
TGA Lakes at Indian Creek Investor Member LLC	85-4075985	SUBSIDIARY
TGA MH Investor Member LLC	84-2765297	SUBSIDIARY
TGA MH III Investor Member LLC	84-2765297	SUBSIDIARY
TGA MKP Member LLC	82-1169084	SUBSIDIARY
TGA MKP Venture LLC	82-1198745	SUBSIDIARY
TGA MKP REIT LLC	82-1187131	SUBSIDIARY
TGA MOB South Boerne LLC		SUBSIDIARY
TGA Montague Investor Member, LLC	81-4232788	SUBSIDIARY
RCD TGA Pierrepont Partners LLC		SUBSIDIARY
TGA Montrose Residences Investor Member, LLC	81-3542251	SUBSIDIARY
The Residences at La Colombe d'Or Investors LLC	81-2872565	SUBSIDIARY
TGA Near East LLC	83-4153778	SUBSIDIARY
TGA Nex Investor LLC	85-1291326	SUBSIDIARY
TGA NJAHP Investor Member LLC	83-4139835	SUBSIDIARY
TGA NJAHP II Investor Member LLC	84-4574378	SUBSIDIARY
TGA NYCAHP I Investor Member LLC	85-2859128	SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
TGA MS Self Storage Investor Member LLC	83-1916152	SUBSIDIARY
Morningstar NRE Self Storage Portfolio LLC	83-2379583	SUBSIDIARY
MSC Bentonville, LLC		SUBSIDIARY
MSC Boerne, LLC		SUBSIDIARY
MSC Buda, LLC		SUBSIDIARY
MSC Carolinas, LLC		SUBSIDIARY
MSC Dam Storage, LLC		SUBSIDIARY
MSC Evans Rd, LLC		SUBSIDIARY
MSC Greenhouse, LLC		SUBSIDIARY
MSC Highway 521 Storage, LLC		SUBSIDIARY
MSC Kemps Landing, LLC		SUBSIDIARY
MSC Midtown Atlanta, LLC		SUBSIDIARY
MSC MTP, LLC		SUBSIDIARY
MSC Peachtree, LLC		SUBSIDIARY
MSC South End, LLC		SUBSIDIARY
MSC Spring Branch, LLC		SUBSIDIARY
MSC SW Austin, LLC		SUBSIDIARY
MSC Tallahassee, LLC		SUBSIDIARY
MSC Yorktown, LLC		SUBSIDIARY
TGA North Miller Industrial LLC	84-3740851	SUBSIDIARY
TGA North Orange Industrial LLC	84-3759605	SUBSIDIARY
TGA O'Hare Logistics Center IV LLC	84-4774106	SUBSIDIARY
TGA Oak View Mall LLC	83-1934291	SUBSIDIARY
TGA Octave Apartments LLC	85-3510351	SUBSIDIARY
TGA Pacific Landing LLC	85-4396119	SUBSIDIARY
TGA Park 355 LLC	84-3254652	SUBSIDIARY
TGA Park 55 LLC	84-3254103	SUBSIDIARY
TGA Park 88 LLC	84-3254979	SUBSIDIARY
TGA Peaceable Investor Member LLC		SUBSIDIARY
TGA Pleasant Prairie Center LLC	83-3250233	SUBSIDIARY
TGA Prairie Point LLC	84-3285659	SUBSIDIARY
TGA Renton Park 405 LLC	84-3830675	SUBSIDIARY
TGA Sandy Commerce Park LLC	83-2938932	SUBSIDIARY
TGA Somerset IC LLC	84-3487605	SUBSIDIARY
TGA Somerset IC II LLC	84-3476142	SUBSIDIARY
TGA Sparrow Investor LLC	85-2863856	SUBSIDIARY
Sparrow Realty Investment I LLC		SUBSIDIARY
SN SA LLC	86-1703020	SUBSIDIARY
Sparrow Homes US LLC	85-3330672	SUBSIDIARY
TGA SS Self Storage Portfolio Investor Member LLC	86-1741788	SUBSIDIARY
TGA SS Self Storage Tranche I Venture LP		SUBSIDIARY
TGA SS Self Storage Portfolio Venture LP	86-1714431	SUBSIDIARY
TGA SC Bonita Springs LP	86-1623164	SUBSIDIARY
TGA SC Gainesville LP	86-1623454	SUBSIDIARY
TGA SC Columbus Veterans LP	86-1623724	SUBSIDIARY
TGA SC Columbus Ford LP	86-1624012	SUBSIDIARY
TGA SC Global Indy I LP	86-1638763	SUBSIDIARY
TGA SC Indianapolis 29th Street LP	86-1638905	SUBSIDIARY
TGA SC Erie Avenue LP	86-1639097	SUBSIDIARY
TGA SC Kensington LP	86-1639231	SUBSIDIARY
TGA SC Germantown LP	86-1639333	SUBSIDIARY
TGA SC Lancaster LP	86-1676331	SUBSIDIARY
TGA SC Beaumont LP	86-1676505	SUBSIDIARY
TGA SC Glenn Heights LP	86-1676901	SUBSIDIARY
TGA SC Houston LP	86-1677082	SUBSIDIARY
TGA SC Hansboro Avenue LP	86-1677222	SUBSIDIARY

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

(38) 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%.

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

STATEMENT AS OF MARCH 31, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

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

LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP
TGA SP-MPC Housing Investor Member LLC	83-2063402	SUBSIDIARY	TGA Sterling DC LLC	84-3255382	SUBSIDIARY	TIAA Global Ag Holdco LLC	27-5551198	SUBSIDIARY
TGA-SP Housing Venture I LLC	83-2147240	SUBSIDIARY	TGA TCA Durham Logistics Center Investor Member LLC		SUBSIDIARY	Global Agriculture AIV (US) LLC	45-6044364	SUBSIDIARY
TGA SP-MPC Housing Venture II LLC	83-2123785	SUBSIDIARY	TGA TCA Durham Logistics Center LLC		SUBSIDIARY	Global Ag Properties USA LLC	45-1531685	SUBSIDIARY
MPSP Ashwood Homes LLC	83-1869400	SUBSIDIARY	TGA The Apartments at Blakeney LLC	85-3509669	SUBSIDIARY	Loma del Rio Vineyards, LLC	80-0843991	SUBSIDIARY
MPSP Ashwood MHC LLC	83-1869494	SUBSIDIARY	TGA The Warehouse At CH Investor Member LLC	84-3093962	SUBSIDIARY	Sugarloaf Vineyard, LLC	46-2577906	SUBSIDIARY
MPSP Bellline Homes LLC	84-2331138	SUBSIDIARY	TGAP The Warehouse At CH LLC	84-3055701	SUBSIDIARY	Global Agriculture II AIV (US) LLC	47-1083514	SUBSIDIARY
MPSP Bellline Lender LLC	84-2345909	SUBSIDIARY	TGAP The Warehouse At CH Owner LLC	84-3055465	SUBSIDIARY	Global Ag Properties II USA LLC	47-1069783	SUBSIDIARY
MPSP Bellline MHC LLC	84-2216330	SUBSIDIARY	TGA The Warehouse At Ch II Investor Member LLC	86-1749539	SUBSIDIARY	TIAA-CREF Global Agriculture LLC	27-5551341	SUBSIDIARY
MPSP Center Grove Homes LLC	83-1088601	SUBSIDIARY	TGAP The Warehouse at CH II LLC		SUBSIDIARY	Global AG Properties Australia Pty, Ltd		SUBSIDIARY
MPSP Center Grove Lender LLC	83-2290040	SUBSIDIARY	TGAP The Warehouse at CH II Owner LLC		SUBSIDIARY	Global AG Properties Australia Trust		SUBSIDIARY
MPSP Center Grove MHC LLC	83-1076792	SUBSIDIARY	TGA Tri-State Commerce Center LLC	84-3759437	SUBSIDIARY	Nova Gaia Brasil Participaco Ltda.		SUBSIDIARY
MPSP Collinas South Homes LLC	84-2158715	SUBSIDIARY	TGA Twelve100 Apartments LLC	85-3917654	SUBSIDIARY	Tellus Brasil Participaco S.A.		SUBSIDIARY
MPSP Collinas South Lender LLC	84-2158791	SUBSIDIARY	TGA University Parcels LLC		SUBSIDIARY	Terraviva Brasil Participaco Ltda.		SUBSIDIARY
MPSP Collinas South MHC LLC	84-2169896	SUBSIDIARY	TGA Van Dorens West LLC	84-3830895	SUBSIDIARY	Tellus Brasil Participaco S.A.		SUBSIDIARY
MPSP Estancia Homes LLC	84-2169973	SUBSIDIARY	TGA Vista Point South LLC	84-3441798	SUBSIDIARY	Agrobio Investimentos e Participações S.A.		SUBSIDIARY
MPSP Estancia Lender LLC	84-2277681	SUBSIDIARY	TGA Washington DC CC LLC	84-3527380	SUBSIDIARY	Cerpon Participações S.A.		SUBSIDIARY
MPSP Estancia MHC LLC	84-1976109	SUBSIDIARY	TGA Westport Distribution Center LLC	84-2939589	SUBSIDIARY	Nova Ibiajara Propriedades Agricolas S.A.		SUBSIDIARY
MPSP Fairlane Oaks Homes LLC	83-4260197	SUBSIDIARY	TGA Yorktown Apartments LLC	83-0723201	SUBSIDIARY	Tellus Bahia Propriedades Agricolas Ltda.		SUBSIDIARY
MPSP Fairlane Oaks Lender LLC	83-4283444	SUBSIDIARY	TGAM Agribusiness Fund LP	81-1994278	SUBSIDIARY	Jatobá Propriedades Agricolas Ltda.		SUBSIDIARY
MPSP Fairlane Oaks MHC LLC	83-4241248	SUBSIDIARY	TIAA Administrative Services LLC	82-2826183	SUBSIDIARY	Terra do Sol Propriedades Agricolas S.A.		SUBSIDIARY
MPSP Lakeview Homes LLC	84-2290488	SUBSIDIARY	TIAA CLO I Ltd		SUBSIDIARY	Terrainvest Propriedades Agricolas S.A.		SUBSIDIARY
MPSP Lakeview Lender LLC	84-2319726	SUBSIDIARY	TIAA CLO I LLC		SUBSIDIARY	Tparone Participações S.A.		SUBSIDIARY
MPSP Lakeview MHC LLC	84-2199063	SUBSIDIARY	TIAA CLO I Holding, LLC	84-1905731	SUBSIDIARY	Toperone Agrícola S.A.		SUBSIDIARY
MPSP Lemon Tree Homes LLC	83-1213262	SUBSIDIARY	TIAA CLO II Ltd		SUBSIDIARY	Tpartwo Participações S.A.		SUBSIDIARY
MPSP Lemon Tree MHC LLC	83-2548459	SUBSIDIARY	TIAA CLO II LLC		SUBSIDIARY	Topertwo Agrícola S.A.		SUBSIDIARY
MPSP Mobile Gardens Homes LLC	83-1230821	SUBSIDIARY	TIAA CLO II Holding, LLC	84-1921751	SUBSIDIARY	TIAA-CREF Global Agriculture BR, LLC	45-1502187	SUBSIDIARY
MPSP Mobile Gardens MHC LLC	83-1230714	SUBSIDIARY	TIAA CLO III Ltd.		SUBSIDIARY	Nova Gaia Brasil Participaco Ltda.		SUBSIDIARY
MPSP Parker Homes LLC	84-2379528	SUBSIDIARY	TIAA CLO III LLC		SUBSIDIARY	Terraviva Brasil Participaco Ltda.		SUBSIDIARY
MPSP Parker Lender LLC	84-2389423	SUBSIDIARY	TIAA CLO IV Ltd.		SUBSIDIARY	TIAA-CREF Global Agriculture II LLC	47-0974399	SUBSIDIARY
MPSP Parker MHC LLC	84-2247177	SUBSIDIARY	TIAA CLO V Ltd		SUBSIDIARY	TIAA-CREF Global Agriculture II BR, LLC	47-1062423	SUBSIDIARY
MPSP Seven Oaks Homes LLC	84-2277774	SUBSIDIARY	TIAA CMBS I, LLC	13-4173396	SUBSIDIARY	TIAA Global Equity Income, LLC	46-2860100	SUBSIDIARY
MPSP Seven Oaks Lender LLC	84-2290439	SUBSIDIARY	TIAA CMBS I Trust	13-4173396	SUBSIDIARY	TIAA Global Public Investments, LLC	26-3594208	SUBSIDIARY
MPSP Seven Oaks MHC LLC	84-2198856	SUBSIDIARY	TIAA Diversified Public Investments, LLC	47-4570655	SUBSIDIARY	TIAA GTR HoldCo, LLC	46-3881813	SUBSIDIARY
MPSP Shiloh Homes LLC	83-2700633	SUBSIDIARY	TIAA FSB Holdings, Inc.	90-0615674	SUBSIDIARY	Global Timber Resources LLC	46-3210500	SUBSIDIARY
MPSP Shiloh Lender LLC	83-2725391	SUBSIDIARY	Everbank Funding, LLC	37-17181179	SUBSIDIARY	Global Timber SA LLC	46-3909387	SUBSIDIARY
MPSP Shiloh MHC LLC	83-2700544	SUBSIDIARY	TIAA, FSB	59-3531592	SUBSIDIARY	Global Timber Resources Colombia, S.A.S.		SUBSIDIARY
MPSP South Concho Homes LLC	84-2428644	SUBSIDIARY	AMC Holding, Inc.	59-3547521	SUBSIDIARY	Global Timber International LLC	46-3899490	SUBSIDIARY
MPSP South Concho Lender LLC	84-2436652	SUBSIDIARY	Customerone Financial Network, Inc.	43-1823879	SUBSIDIARY	Global Timber Spain, SL		SUBSIDIARY
MPSP South Concho MHC LLC	84-2261982	SUBSIDIARY	Business Property Lending, Inc.	36-1208070	SUBSIDIARY	Forestal Monterrey Colombia SAS	98-1206384	SUBSIDIARY
MPSP Stonegate Homes LLC	83-2736822	SUBSIDIARY	Elite Lender Services, Inc.	11-3642567	SUBSIDIARY	Forestal GTR Chile Limitada		SUBSIDIARY
MPSP Stonegate Lender LLC	83-2736936	SUBSIDIARY	Tygris Commercial Financial Group, Inc.	61-1560018	SUBSIDIARY	Monte Fresnos Asociacion Agraria de Responsabilidad LTDA		SUBSIDIARY
MPSP Stonegate MHC LLC	83-2725560	SUBSIDIARY	TIAA Commercial Finance, Inc.	20-0716627	SUBSIDIARY	Monte Fresnos, S.A.		SUBSIDIARY
MPSP TC GH Homes LLC	84-2319873	SUBSIDIARY	Tygris Asset Finance, Inc.	26-2483829	SUBSIDIARY	Taurion Asociacion Agraria de Responsabilidad LTDA		SUBSIDIARY
MPSP TC GH Lender LLC	84-2331064	SUBSIDIARY	TIAA GBS Holding LLC	81-1241294	SUBSIDIARY	Taurion, S.A.		SUBSIDIARY
MPSP TC GH MHC LLC	84-2216156	SUBSIDIARY	TIAA GBS Singapore Holding Company Pte. Ltd.		SUBSIDIARY	GT Europe Cooperatief U.A.		SUBSIDIARY
MPSP TC Sherman Homes LLC	84-2389479	SUBSIDIARY	TIAA Global Business Services (India) Private Limited		SUBSIDIARY	Global Timber NL, B.V.		SUBSIDIARY
MPSP TC Sherman Lender LLC	84-2428588	SUBSIDIARY				GTR Brasil Participacoes Ltda		SUBSIDIARY
MPSP TC Sherman MHC LLC	84-2247220	SUBSIDIARY				BrasilWood Reflorestamento S.A.		SUBSIDIARY
MPSP Wildwood Acres Homes LLC	84-2345969	SUBSIDIARY				BrasilWood Terras Florestais S.A.		SUBSIDIARY
MPSP Wildwood Acres Lender LLC	84-2361787	SUBSIDIARY				Khaya Woods Investimentos Florestais LTDA.		SUBSIDIARY
MPSP Wildwood Acres MHC LLC	84-2239609	SUBSIDIARY				Mamoneira Agropastoril S.A.		AFFILIATE
MPSP Wildwood Village Homes LLC	84-2361842	SUBSIDIARY				Jatoba Brasil Investimentos Florestais Ltda		SUBSIDIARY
MPSP Wildwood Village Lender LLC	84-2379481	SUBSIDIARY				Paineira Investimentos Florestais S.A.		SUBSIDIARY
MPSP Wildwood Village MHC LLC	84-2239646	SUBSIDIARY				IPOPEMA 95 Closed Investment Fund of Non-Public Assets		SUBSIDIARY
MPSP Windsong Homes LLC	83-2848324	SUBSIDIARY				EKO Topola Sp. z.o.o.		SUBSIDIARY
MPSP Windsong Lender LLC	83-2848439	SUBSIDIARY				Brunso Resort Sp. z.o.o.		SUBSIDIARY
MPSP Windsong MHC LLC	83-2861026	SUBSIDIARY						

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

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

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

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

STATEMENT AS OF MARCH 31, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

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

LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP
TIAA Infrastructure Investments, LLC	45-3479281	SUBSIDIARY
730 Parking LLC	81-5307354	SUBSIDIARY
730 Interpark, LLC	81-5302296	SUBSIDIARY
A-30 Canadian Transport Inc.		SUBSIDIARY
1867 Infrastructure Holdings Inc.		SUBSIDIARY
1867 NA30 Holding Inc.		SUBSIDIARY
1867 Nouvelle Autoroute 30 Inc.		AFFILIATE
I 595 Toll Road, LLC	38-3857916	SUBSIDIARY
North American Sustainable Energy Fund, L.P.	46-5279666	SUBSIDIARY
McCommas Bluff Holdings LLC		AFFILIATE
Dallas Clean Energy, LLC		AFFILIATE
Dallas Clean Energy McCommas Bluff, LLC		AFFILIATE
Energy Power Investment Company, LLC		SUBSIDIARY
EPP Renewable Energy, LLC		SUBSIDIARY
EPP New Jersey Biogas, LLC		SUBSIDIARY
EPP New Jersey Solar, LLC		SUBSIDIARY
North American Sustainable Energy Fund GP, LLC		SUBSIDIARY
North American Sustainable Energy Manager, LLC		SUBSIDIARY
TIAA Oil and Gas Investments, LLC	45-2665869	SUBSIDIARY
Actgas, LLC	45-1286237	SUBSIDIARY
Actoil Bakken, LLC	46-3410649	SUBSIDIARY
Actoil Utica, LLC	46-3628993	SUBSIDIARY
TIAA Realty, LLC	11-3519531	SUBSIDIARY
T-C 77 Central LLC	81-0902394	SUBSIDIARY
T-C 680 Belleville LLC	47-2249307	SUBSIDIARY
T-C Port Northwest Development, LLC	46-2678242	SUBSIDIARY
TGA 70 Federal Street LLC	81-3961919	SUBSIDIARY
TIAA RFS, LLC	82-2885306	SUBSIDIARY
TIAA Advisory, LLC	82-2335773	SUBSIDIARY
TIAA-CREF Insurance Agency, LLC	20-2904312	SUBSIDIARY
TIAA Shared Services, LLC	85-3343718	SUBSIDIARY
TIAA SMA Strategies, LLC	81-2755014	SUBSIDIARY
TIAA-Stonepeak Investments I, LLC	45-3029655	SUBSIDIARY
TIAA-Stonepeak Investments II, LLC	45-3030923	SUBSIDIARY
TIAA Super Regional Mall Member Sub, LLC	45-3164764	SUBSIDIARY
T-C Super Regional Mall Venture, LLC	45-3164764	SUBSIDIARY
T-C International Plaza REIT LLC	46-4623585	SUBSIDIARY
T-C International Plaza Investor GP LLC	46-4653326	SUBSIDIARY
T-C International Plaza Investor LP LLC	46-4680948	SUBSIDIARY
Tampa Westshore Associates Limited Partnership	38-3173536	AFFILIATE
T-C Las Vegas Retail REIT LLC	46-2713521	SUBSIDIARY
T-C Las Vegas Retail Investor LLC	46-2726147	SUBSIDIARY
Grand Canal Shoppes Holdings, LLC		AFFILIATE
T-C Midwest REIT, LLC	45-3165203	SUBSIDIARY
T-C Midwest Retail, LLC	45-2211957	SUBSIDIARY
CBL/T-C, LLC		SUBSIDIARY
T-C Montgomery Mall REIT, LLC	45-3164998	SUBSIDIARY
T-C Montgomery Mall, LLC	27-4117159	SUBSIDIARY
Montgomery Mall of Maryland, LLC	95-4658637	SUBSIDIARY
TIAA SynGas, LLC	45-1286386	SUBSIDIARY
730 Catsolar, LLC	13-1624203	SUBSIDIARY
Catalina Solar Lessee Holdco, LLC		SUBSIDIARY
Catalina Solar Lessee, LLC		SUBSIDIARY
SG Solutions, LLC	56-2492641	AFFILIATE
AE Investor II, LLC	27-0195010	SUBSIDIARY
TIAA Union Place Phase I, LLC	20-6892977	SUBSIDIARY
Union Place Phase I, LLC	20-8281443	SUBSIDIARY
TIAA Wind Investments, LLC	45-4486211	SUBSIDIARY
Capistrano Wind Partners, LLC	45-3743502	AFFILIATE
TIAA-CREF LPHC, LLC	20-8384004	SUBSIDIARY
TIAA-CREF Real Property Fund GP, LLC	46-1191235	SUBSIDIARY
TIAA-CREF Individual & Institutional Services, LLC	55-0856733	SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
TIAA-CREF Redwood, LLC	20-5591124	SUBSIDIARY
TIAA Endowment & Philanthropic Services, LLC	20-5631854	SUBSIDIARY
TIAA-CREF Tuition Financing, Inc.	13-4026557	SUBSIDIARY
UK PPP Investments, LP		SUBSIDIARY
Wigg (Holdings) Limited		SUBSIDIARY
Wigg Investments Limited		SUBSIDIARY
Merseylink (Holdings) Limited		AFFILIATE
Merseylink (Finance) Limited		AFFILIATE
Merseylink Limited		AFFILIATE
Merseylink (Issuer) plc		AFFILIATE
U.S. Cities Industrial Fund LP	36-4932527	AFFILIATE
U.S. Cities Multifamily Fund LP	30-1108455	AFFILIATE
U.S. Cities Retail Fund LP	82-3970010	SUBSIDIARY
U.S. Cities Retail Fund REIT LLC	82-4016503	SUBSIDIARY
U.S. Cities Retail Fund Operating GP LLC	82-4068923	SUBSIDIARY
U.S. Cities Retail Fund Operating LP	82-4037905	SUBSIDIARY
T-C 919 N. Michigan Avenue Retail, LLC	46-0750331	SUBSIDIARY
USCRF KRG JV Investor Member LLC		SUBSIDIARY
KRG – USCRF Retail Portfolio LLC	37-1904986	SUBSIDIARY
KRG 951 & 41, LLC		SUBSIDIARY
KRG Livingston Center, LLC		SUBSIDIARY
KRG-USCRF Plaza Volente, LLC		SUBSIDIARY
U.S. Core-Plus Real Estate Debt Fund LP	82-3988257	SUBSIDIARY
CRED REIT LLC	82-3760575	SUBSIDIARY
CRED REIT Holdco LLC	47-1938723	SUBSIDIARY
CRED Glenhardie LLC	84-2113010	SUBSIDIARY
CRED HQ LLC	85-1296109	SUBSIDIARY
CRED REIT Holdco Seller LLC	83-2024014	SUBSIDIARY
CRED REIT Holdco TRS LLC	81-1392434	SUBSIDIARY
CRED REIT Holdco Velocity LLC	81-1392434	SUBSIDIARY
CRED REIT Manager LLC	82-4800804	SUBSIDIARY
CRED REIT Member LP	82-5347019	SUBSIDIARY
CRED Sawtelle LLC	83-2267896	SUBSIDIARY
CRED Stabtown LLC	83-3184068	SUBSIDIARY
CRED West Coast Industrial LLC	83-4107560	SUBSIDIARY
Western A Midwest TN, LLC	84-3440905	SUBSIDIARY
Winslow Growth Capital Fund II, L.P.	83-1931152	SUBSIDIARY
WRC Properties, LLC	51-0141732	SUBSIDIARY

STATEMENT AS OF MARCH 31, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			13-6110585	3792687			TIAA Board of Overseers	.NY.	UIP					.N	
..1216	Teachers Insurance and Annuity Association of America	..69345	13-1624203	1607170	315038		Teachers Insurance and Annuity Association of America	.NY.	UDP	TIAA Board of Overseers	Ownership	100.000	TIAA Board of Overseers	.N	
			45-2401857	4618298			730 Holdings, LLC	.DE.	NIA	TIAA Board of Overseers	Ownership	100.000	TIAA Board of Overseers	.N	
			13-6022042		777535		College Retirement Equities Fund	.NY.	NIA	CREF Board of Overseers	Board		CREF Board of Overseers	.N	
..1216	Teachers Insurance and Annuity Association of America	..60142	13-3917848	4314415	1429401		TIAA-CREF Life Insurance Company	.NY.		Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			47-1595484	4747826			Nuveen, LLC	.DE.	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			81-3407371	5042621			Nuveen Services, LLC	.DE.	NIA	Nuveen, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			13-3905273	4599865			TIAA-CREF Asset Management, LLC	.DE.	NIA	Nuveen, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			81-1272900	4952732			L&C Special Member Holdco, LLC	.DE.	NIA	TIAA-CREF Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-3889185	4866932			GTR Special Member Holdco LLC	.DE.	NIA	TIAA-CREF Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			81-4374969				TIAA International GP LLC	.DE.	NIA	TIAA-CREF Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			13-3586142	4314303	887793		TIAA-CREF Investment Management, LLC	.DE.	NIA	TIAA-CREF Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-3870972	4716541			Nuveen Alternative Holdings, LLC	.DE.	NIA	TIAA-CREF Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			81-1467545	4974190			AGR Partners LLC	.DE.	NIA	Nuveen Alternative Holdings, LLC	Ownership	75.000	TIAA Board of Overseers	.N	
			36-4853278				AGR Services LLC	.DE.	NIA	Nuveen Alternative Holdings, LLC	Ownership	1.000	TIAA Board of Overseers	.N	100
			36-4853278				AGR Services LLC	.DE.	NIA	AGR Partners LLC	Ownership	99.000	TIAA Board of Overseers	.N	100
							AGR Special Opportunities GP, LLC	.DE.	NIA	AGR Partners LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			83-4328253				Nuveen Agribusiness Fund III GP, LLC	.DE.	NIA	AGR Partners LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			81-1870559	5010657			TGAM Agribusiness Fund GP LLC	.DE.	NIA	AGR Partners LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			45-5558395	4724096			Beaver Investments Holdings, LLC	.DE.	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			80-0026976	4724108	1392090		GreenWood Resources, Inc.	.DE.	NIA	Beaver Investments Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				4961006			Greenwood Resources Brasil, Ltda.	.BRA.	NIA	GreenWood Resources, Inc.	Ownership	1.000	TIAA Board of Overseers	.N	200
			45-1875074	4724153			GreenWood Resources Capital Management, LLC	.DE.	NIA	GreenWood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
			20-8501127	4868413			GTFP GP, LLC	.DE.	NIA	GreenWood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
			20-8955976	4867863			GWR-GTFP Investment, LLC	.DE.	NIA	GreenWood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
				4724144			GWR International Ltd.	.VGB.	NIA	GreenWood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
			20-3188681	4724386			GWR China Ltd.	.VGB.	NIA	GWR International Ltd.	Ownership	100.000	TIAA Board of Overseers	.N	
				4724377			GWR SA, Ltd.	.VGB.	NIA	GWR International Ltd.	Ownership	100.000	TIAA Board of Overseers	.N	
				4724395			GreenWood Resources Chile, S.A.	.CHL.	NIA	GreenWood Resources SA, Ltd.	Ownership	95.000	TIAA Board of Overseers	.N	
			98-1016332	4868392			GWR Europe Ltd.	.GBR.	NIA	GWR International Ltd.	Ownership	100.000	TIAA Board of Overseers	.N	
			98-1016335	4868404			GreenWood Resources Poland sp Z.o.o.	.POL.	NIA	GWR Europe Ltd.	Ownership	100.000	TIAA Board of Overseers	.N	
			47-4557075	4887580			Greenwood Resources Forest Management, LLC	.DE.	NIA	GreenWood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
				4961006			Greenwood Resources Brasil, Ltda.	.BRA.	NIA	Greenwood Resources Forest Management, LLC	Ownership	99.000	TIAA Board of Overseers	.N	200
							Greenwood Resources Forest Management, LLC								
				4796600			GWR Uruguay S.A.	.URY.	NIA		Ownership	100.000	TIAA Board of Overseers	.N	
				4844369			Greenwood Resources Colombia SAS	.COL.	NIA	GreenWood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
			47-3156644	5083688			Churchill Asset Management LLC	.DE.	NIA	Nuveen Alternative Holdings, LLC	Ownership	75.000	TIAA Board of Overseers	.N	
			36-4851864	5083688			CAM HR Resources LLC	.DE.	NIA	Nuveen Alternative Holdings, LLC	Ownership	1.000	TIAA Board of Overseers	.N	300
			36-4851864	5083688			CAM HR Resources LLC	.DE.	NIA	Churchill Asset Management LLC	Ownership	99.000	TIAA Board of Overseers	.N	300
			82-3187734				Churchill Agency Services LLC	.DE.	NIA	Churchill Asset Management LLC	Ownership	75.000	TIAA Board of Overseers	.N	
							Churchill Feeder Fund GP II S.a.r.l.	.LUX.	NIA	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			83-1177850				Churchill Fund GP II LLC	.DE.	NIA	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			98-1449979				Churchill Fund GP II S.a.r.l.	.LUX.	NIA	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							Churchill Junior Capital Opportunities Fund II Carry-Co, LLC	.DE.	NIA	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							Churchill Junior Capital Opportunities Fund II GP, LLC	.DE.	NIA	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							Churchill Junior Capital Opportunities Fund II GP Sarl	.LUX.	NIA	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			85-3272173				Churchill MMSLF Special GP LLC	.DE.	NIA	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	.N	

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STATEMENT AS OF MARCH 31, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			86-1561520				Nuveen Real Estate U.S. Strategic Alternatives Fund I GP LLC	DE	NIA	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
			86-1702891				Nuveen Real Estate U.S. Strategic Alternatives Fund I LP	DE	NIA	Nuveen Real Estate U.S. Strategic Alternatives Fund I GP LLC	Ownership	100.000	TIAA Board of Overseers	N	
			86-1560063				Nuveen Real Estate U.S. Strategic Alternatives Fund I Holding Company LLC	DE	NIA	Nuveen Real Estate U.S. Strategic Alternatives Fund I LP	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Cities Office Fund GP LLC	DE	NIA	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Cities Office Fund LP	DE	NIA	U.S. Cities Office Fund GP LLC	Ownership	100.000	TIAA Board of Overseers	N	
			61-1914684				U.S. Cities Office Fund REIT LLC	DE	NIA	U.S. Cities Office Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Cities Office Fund Operating GP LLC	DE	NIA	U.S. Cities Office Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			36-4919858				U.S. Cities Office Fund Operating LP	DE	NIA	U.S. Cities Office Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
							USCOF Maryland Farms Holdings LLC	DE	NIA	U.S. Cities Office Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	N	
			84-4775239				U.S. Cities Office Fund Maryland Farms Co-Invest	DE	NIA	USCOF Maryland Farms Holdings LLC	Ownership	51.000	TIAA Board of Overseers	N	1000
							U.S. Cities Office Fund Maryland Farms Co-Invest			U.S. Cities Office Fund Maryland Farms Co-Invest	Ownership	97.000	TIAA Board of Overseers	N	
			84-4775394				VRE-NRE Maryland Farms Venture	DE	NIA	U.S. Cities Office Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	N	
			85-3371600				USCOF Optical Court LLC	DE	NIA	U.S. Cities Office Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	N	
			35-2633108				U.S. Cities Multifamily Fund GP LLC	DE	NIA	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-4054235				U.S. Cities Retail Fund GP LLC	DE	NIA	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
			85-2037572				U.S. Strategic Industrial Fund II GP LLC	DE	NIA	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
			85-2116787				U.S. Strategic Industrial Fund II LP	DE	NIA	U.S. Strategic Industrial Fund II GP LLC	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Strategic Industrial Fund II Holding Company LLC	DE	NIA	U.S. Strategic Industrial Fund II LP	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Strategic Industrial Fund II Holding Company LLC			U.S. Strategic Industrial Fund II Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
			86-2842701				SIF II Allen Street Industrial LLC	DE	NIA	U.S. Strategic Industrial Fund II Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
							SIF II TCA Ellis Road Development Investor Member LLC	DE	NIA	U.S. Strategic Industrial Fund II Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
			86-2136273				SIF II TCA Ellis Road Development Venture LLC	DE	NIA	SIF II TCA Ellis Road Development Investor Member LLC	Ownership	90.000	TIAA Board of Overseers	N	
							U.S. Strategic Industrial Fund II Holding Company LLC			U.S. Strategic Industrial Fund II Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
			86-1621541				Union Property Operations NRE VII LLC	DE	NIA	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	N	
			85-2857187				Nuveen Imajn Holdings Member LLC	DE	NIA	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Imajn Homes Holdings, LLC	DE	NIA	Nuveen Imajn Holdings Member LLC	Ownership	72.000	TIAA Board of Overseers	N	
							Imajn Services LLC	DE	NIA	Imajn Homes Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Imajn Asset Manager LLC	DE	NIA	Imajn Homes Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Sparrow Realty investment I Managing Member LLC	DE	NIA	Imajn Homes Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Nuveen Permian Investor Asset Manager Member LLC	DE	NIA	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-5466713	5157909			Nuveen Permian Investor Asset Manager	DE	NIA	Nuveen Permian Investor Asset Manager Member LLC	Ownership	50.000	TIAA Board of Overseers	N	
			82-0631410				Permian Investor Asset Manager LLC	DE	NIA	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Nuveen Real Estate Global Cities Advisors LLC	DE	NIA	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-3426937				Nuveen Real Estate Project Management Services LLC	DE	NIA	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2502695				TIAA International Holdings 1 Limited	GBR	NIA	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1162850	4617620			Clean Energy Partners HoldCo LLP	GBR	NIA	TIAA International Holdings 1 Limited	Ownership	1.000	TIAA Board of Overseers	N	1100
							TIAA International Holdings 2 Limited	GBR	NIA	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1163394	4617639			Clean Energy Partners HoldCo LLP	GBR	NIA	TIAA International Holdings 2 Limited	Ownership	99.000	TIAA Board of Overseers	N	1100
							Clean Energy Partners LLP	GBR	NIA	Clean Energy Partners HoldCo LLP	Ownership	100.000	TIAA Board of Overseers	N	
							Glennmont Asset Management Limited	GBR	NIA	Clean Energy Partners HoldCo LLP	Ownership	100.000	TIAA Board of Overseers	N	
							Clean Energy Partners CEP 2012 Limited	GBR	NIA	Glennmont Asset Management Limited	Ownership	100.000	TIAA Board of Overseers	N	
							Glennmont Partners I Limited	GBR	NIA	Clean Energy Partners CEP 2012 Limited	Ownership	100.000	TIAA Board of Overseers	N	
							Clean Energy Partners CEP Services Limited	GBR	NIA	Glennmont Asset Management Limited	Ownership	100.000	TIAA Board of Overseers	N	

STATEMENT AS OF MARCH 31, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Per-centage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
							Glennmont Partners III S.à r.l. ....	.LUX	NIA	Glennmont Asset Management Limited .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							Glennmont REBS Europe S.à r.l. ....	.LUX	NIA	Glennmont Asset Management Limited .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							TIAA International Holdings 3 Limited .....	.GBR	NIA	TIAA International Holdings 2 Limited .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			98-1125673	461705			Nuveen Real Estate Limited .....	.GBR	NIA	TIAA International Holdings 3 Limited .....	Ownership.....	99.000	TIAA Board of Overseers .....	.N	1200
			98-1125673	4617705			Nuveen Real Estate Limited .....	.GBR	NIA	TIAA International Holdings 1 Limited .....	Ownership.....	1.000	TIAA Board of Overseers .....	.N	1200
			98-1127648	4618195			Nuveen Administration Ltd .....	.GBR	NIA	Nuveen Real Estate Limited .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			98-1128805	4618216			Nuveen Europe Holdings Limited .....	.GBR	NIA	Nuveen Real Estate Limited .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4715964			Asia Pacific Cities Management Sarl .....	.LUX	NIA	Nuveen Europe Holdings Limited .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4715955			Henderson European Retail Property Fund Management Sarl .....	.LUX	NIA	Nuveen Europe Holdings Limited .....	Ownership.....	94.900	TIAA Board of Overseers .....	.N	
							Nuveen Alternatives Europe S.à r.l. ....	.LUX	NIA	Nuveen Europe Holdings Limited .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							Nuveen Asset Management Europe S.à r.l. ....	.LUX	NIA	Nuveen Europe Holdings Limited .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			4715937				Nuveen Fund (Europe) Management Sarl .....	.LUX	NIA	Nuveen Europe Holdings Limited .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			4716756				Nuveen Fund Management (Jersey) Limited .....	.JEY	NIA	Nuveen Europe Holdings Limited .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			4716774				Nuveen Management AIFM Limited .....	.GBR	NIA	Nuveen Europe Holdings Limited .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							Nuveen Management Company (Luxembourg) No 1 Sarl .....	.LUX	NIA	Nuveen Europe Holdings Limited .....	Ownership.....	94.900	TIAA Board of Overseers .....	.N	
				4716765			Nuveen Property Management (Jersey) Limited .....	.JEY	NIA	Nuveen Europe Holdings Limited .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			98-1128787	4618243			Nuveen FCACO Ltd .....	.GBR	NIA	Nuveen Real Estate Limited .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4716783			Nuveen Real Estate Management Ltd .....	.GBR	NIA	Nuveen FCACO Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4716868			Nuveen Shopping Centre Verwaltungs GmbH .....	.DEU	NIA	Nuveen Real Estate Management Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			98-0582851	4313182			TIAA-CREF Asset Management UK Limited .....	.GBR	NIA	Nuveen FCACO Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			98-1127632	4618261			Nuveen Group Holdings Ltd .....	.GBR	NIA	Nuveen Real Estate Limited .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4844015			Anglo-Sino Henderson Investment Consultancy (Beijing) Co Limited .....	.CHN	NIA	Nuveen Group Holdings Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4715311			CLOF II (GP) Limited .....	.GBR	NIA	Nuveen Group Holdings Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				5154010			CLOF II Vanquish Limited .....	.JEY	NIA	CLOF II (GP) Limited .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4715263			CLOF II (No 1 GP) Limited .....	.GBR	NIA	Nuveen Group Holdings Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4841304			CLOF II (No1 Nominee) Limited .....	.GBR	NIA	CLOF II (No 1 GP) Limited .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4715281			CLOF II (No 2 GP) Limited .....	.GBR	NIA	Nuveen Group Holdings Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			98-1165678	4715302			CLOF II (No 3 GP) Limited .....	.GBR	NIA	Nuveen Group Holdings Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4908328			Enhanced Debt Carry (GP) Sarl .....	.LUX	NIA	Nuveen Group Holdings Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				5147003			ERES APAC II (GP) S.à r.l. ....	.LUX	NIA	Nuveen Group Holdings Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							ERES Europe II (GP) S.à r.l. ....	.LUX	NIA	Nuveen Group Holdings Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4949116			European Cities Partnership (GP) S.a.r.l. ....	.LUX	NIA	Nuveen Group Holdings Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							European Cities Partnership SCSp .....	.LUX	NIA	European Cities Partnership (GP) S.a.r.l. ....	Influence.....		TIAA Board of Overseers .....	.N	1300
				4841247			Islazul General Partner Sarl .....	.LUX	NIA	Nuveen Group Holdings Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4715245			Matador LP General Partner Limited .....	.GBR	NIA	Nuveen Group Holdings Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4912763			Nuveen Consulting (Shanghai) Co Ltd .....	.CHN	NIA	Nuveen Group Holdings Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							Nuveen Corporate Secretarial Services Limited .....	.GBR	NIA	Nuveen Group Holdings Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4747059			Nuveen (France) SAS .....	.FRA	NIA	Nuveen Group Holdings Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4715236			Nuveen Immobilien GmbH .....	.DEU	NIA	Nuveen Group Holdings Ltd .....	Influence.....		TIAA Board of Overseers .....	.N	
				4715898			Nuveen Italy Srl .....	.ITA	NIA	Nuveen Group Holdings Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4901244			Nuveen Management Austria GmbH .....	.AUT	NIA	Nuveen Group Holdings Ltd .....	Ownership.....	65.000	TIAA Board of Overseers .....	.N	
				4715357			Nuveen Management Finland Oy .....	.FIN	NIA	Nuveen Group Holdings Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4747152			Nuveen Operations Limited .....	.GBR	NIA	Nuveen Group Holdings Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4841265			Nuveen Real Estate (Australia) Ltd. ....	.AUS	NIA	Nuveen Group Holdings Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4841256			Nuveen Real Estate Debt Partners (GP) Sarl .....	.LUX	NIA	Nuveen Group Holdings Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							Nuveen Real Estate Debt Partners II (GP) S.à r.l. ....	.LUX	NIA	Nuveen Group Holdings Ltd .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				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 Overseers .....	.N	1400

STATEMENT AS OF MARCH 31, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

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

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
							Nuveen Real Estate Debt Partners III (GP) S.a.r.l.	.LUX	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4715348			Nuveen Real Estate Nominees Limited	.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4715919			Nuveen Singapore Private Limited	.SGP	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4715254			OMP (GP) Limited	.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4901235			T-C Lux Investments GP Sarl	.LUX	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
							TH Real Estate Limited	.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
			98-1014834	4617675			TIAA-CREF Luxembourg S.a.r.l.	.LUX	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
							Tokyo Multifamily GP PTE Ltd	.LUX	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4715272			UK OM (LP1) (GP) Limited	.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4841292			UK OM (LP1) Limited	.GBR	NIA	UK OM (LP1) (GP) Limited	Ownership	100.000	TIAA Board of Overseers	.N	
				4715290			UK OM (LP2) (GP) Limited	.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4841283			UK OM (LP2) Limited	.GBR	NIA	UK OM (LP2) (GP) Limited	Ownership	100.000	TIAA Board of Overseers	.N	
				4715320			UK OM (LP3) (GP) Limited	.GBR	NIA	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4841274			UK OM (LP3) Limited	.GBR	NIA	UK OM (LP3) (GP) Limited	Ownership	100.000	TIAA Board of Overseers	.N	
			06-1217855	4680325			Nuveen Real Estate Property Holdings L.L.C.	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							Nuveen Real Estate Property Holdings L.L.C.			Nuveen Real Estate Property Holdings L.L.C.					
			30-0794692	4683559			Casa Partners VI GP, LLC	.DE	NIA	Nuveen Real Estate Property Holdings L.L.C.	Ownership	100.000	TIAA Board of Overseers	.N	
							Nuveen Real Estate Property Holdings L.L.C.			Nuveen Real Estate Property Holdings L.L.C.					
			47-5190671	4912772			Casa Partners VII GP, LLC	.DE	NIA	Nuveen Real Estate Property Holdings L.L.C.	Ownership	100.000	TIAA Board of Overseers	.N	
							Nuveen Real Estate Property Holdings L.L.C.			Nuveen Real Estate Property Holdings L.L.C.					
			82-4363605				CASA Partners VIII GP, LLC	.DE	NIA	Nuveen Real Estate Property Holdings L.L.C.	Ownership	100.000	TIAA Board of Overseers	.N	
							Nuveen Real Estate Property Holdings L.L.C.			Nuveen Real Estate Property Holdings L.L.C.					
			86-1845840				CASA Partners IX GP, LLC	.DE	NIA	Nuveen Real Estate Property Holdings L.L.C.	Ownership	100.000	TIAA Board of Overseers	.N	
							Nuveen Real Estate Property Holdings L.L.C.			Nuveen Real Estate Property Holdings L.L.C.					
			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 Overseers	.N	
							Nuveen Real Estate Property Holdings L.L.C.			Nuveen Real Estate Property Holdings L.L.C.					
			20-2537749	4681809			Global Investors GP II, L.L.C.	.DE	NIA	Nuveen Real Estate Property Holdings L.L.C.	Ownership	100.000	TIAA Board of Overseers	.N	
							Nuveen Real Estate Property Holdings L.L.C.			Nuveen Real Estate Property Holdings L.L.C.					
			20-3070768	4681818			Global Investors GP IV, L.L.C.	.DE	NIA	Nuveen Real Estate Property Holdings L.L.C.	Ownership	100.000	TIAA Board of Overseers	.N	
			26-3561391	4863539			TCAM DOF GP, LLC	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-5367344	4747170			TOGA BT AIV, LLC	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			45-5139523	4867368			TOGA Investor Fund GP, LLC	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			47-3511076	4843278			TOGA II Investor Fund GP, LLC	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			81-4330570				TGAM International GP LLC	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			45-1532009	4801867			TIAA Global Ag Special Member LLC	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			81-1749609	4843287			TIAA Global Ag II Special Member LLC	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			47-3126089	4847388			T-C U.S. Super Regional Mall Fund GP LLC	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			20-1394681	4314255			U.S. Cities Fund GP, LLC	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							U.S. Cities Industrial Fund GP LLC	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							Westchester Group Investment Management Holding Company, Inc.	.DE	NIA	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			27-3416812	4312916			Westchester Group Investment Management, Inc.	.DE	NIA	Westchester Group Investment Management Holding Company, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
							Westchester Group Investment Management, Inc.			Westchester Group Investment Management, Inc.					
			87-0735518	4746977			Plata Wine Partners, LLC	.CA	NIA	Westchester Group Investment Management, Inc.	Ownership	91.110	TIAA Board of Overseers	.N	
							Westchester Group Investment Management, Inc.			Westchester Group Investment Management, Inc.					
			37-1261935	4617693			Terra Land Co.	.IL	NIA	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
							Westchester Group Investment Management, Inc.			Westchester Group Investment Management, Inc.					
			37-6589484	4747200			The Plata Wine Partners Trust	.CA	NIA	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
							Westchester Group Investment Management, Inc.			Westchester Group Investment Management, Inc.					
			37-1193973	4618186			Westchester Group Farm Management, Inc.	.IL	NIA	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
							Westchester Group Investment Management, Inc.			Westchester Group Investment Management, Inc.					
				4618207			Westchester Group of Australia Pty Ltd.	.AUS	NIA	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	

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SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
							Westchester Group Chile Investment Management, SpA	.CHL	NIA	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
				4794482			Westchester Group of Europe Ltd.	.GBR	NIA	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
				4914730			Westchester Group SRL	.ROU	NIA	Westchester Group of Europe Ltd.	Ownership	99.000	TIAA Board of Overseers	N	1500
							Westchester Group of Poland Sp. Z.o.o.	.POL	NIA	Westchester Group of Europe Ltd.	Ownership	100.000	TIAA Board of Overseers	N	
							Westchester Group SRL	.ROU	NIA	Westchester Group of Poland Sp. Z.o.o.	Ownership	1.000	TIAA Board of Overseers	N	1500
			37-1194491	4618225			Westchester Group Real Estate, Inc.	.IL	NIA	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
							Westchester Group South America Gestao de Investimentos Ltda.	.BRA	NIA	Westchester Group Real Estate, Inc.	Ownership	1.000	TIAA Board of Overseers	N	1600
							Westchester Group South America Gestao de Investimentos Ltda.	.BRA	NIA	Westchester Group Investment Management, Inc.	Ownership	99.000	TIAA Board of Overseers	N	1600
			84-3766552				Westchester NGFF Investment LLC	.DE	NIA	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			47-1563437	4749941			Nuveen Finance, LLC	.DE	NIA	Nuveen, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3425820	5110025			Nuveen Holdings 1, Inc.	.DE	NIA	Nuveen Finance, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-0373324	4767758			Nuveen Holdings, Inc.	.DE	NIA	Nuveen Holdings 1, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			36-3817266	3707551	885708		Nuveen Investments, Inc.	.DE	NIA	Nuveen Holdings, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			26-0627593	4774710			Gresham Asset Management LLC	.DE	NIA	Nuveen Investments, Inc.	Ownership	78.900	TIAA Board of Overseers	N	
			20-1930384	4349828			Gresham Investment Management LLC	.DE	NIA	Nuveen Investments, Inc.	Ownership	78.900	TIAA Board of Overseers	N	
				4781941			Gresham Investment Management Asia Pte. Ltd.	.SGP	NIA	Gresham Investment Management LLC	Ownership	100.000	TIAA Board of Overseers	N	
			36-3293941				NIS/R&T, Inc.	.IL	NIA	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			36-4839486	5153992			Nuveen Alternative Investments, LLC	.DE	NIA	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			31-0942504	4774792	1311016		Nuveen Fund Advisors, LLC	.DE	NIA	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			27-4357327	4781624	1521019		Nuveen Asset Management, LLC	.DE	NIA	Nuveen Fund Advisors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Nuveen Funds GP I, LLC	.DE	NIA	Nuveen Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-4025630				Symphony Alternative Asset Management LLC	.DE	NIA	Nuveen Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			94-3252504				Symphony Risk Retention Finance LLC	.DE	NIA	Nuveen Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			30-1032009				SRR 1 LLC	.DE	NIA	Symphony Risk Retention Finance LLC	Ownership	51.000	TIAA Board of Overseers	N	
			36-7364377	4774783			Nuveen Investments Holdings, Inc.	.DE	NIA	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			36-4709028	4774868	1602171		Nuveen NIIQ Holdings, LLC	.DE	NIA	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			30-0892190	4981189	1661847		NIIQ Partners, LLC	.DE	NIA	Nuveen NIIQ Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-0875103	4776518	763848		NIIQ Investment Management Company, LLC	.DE	NIA	NIIQ Partners, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			37-1695518	4774831	1602161		Nuveen WCM Holdings, LLC	.DE	NIA	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			90-0860898	4776527	900973		Winslow Capital Management, LLC	.DE	NIA	Nuveen WCM Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-0730906	5147021			Growth Capital GP I, LLC	.DE	NIA	Winslow Capital Management, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			36-2639476	4775137	73387		Nuveen Securities, LLC	.DE	NIA	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			20-3432117	4774822	1109426		Santa Barbara Asset Management, LLC	.DE	NIA	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			13-3760073	4313306	939222		Teachers Advisors, LLC	.DE	NIA	Nuveen Finance, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-1157427				Colinvest Member LLC	.DE	NIA	Teachers Advisors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Nuveen TALF Opportunities GP, LLC	.DE	NIA	Teachers Advisors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			13-3987258	4599052			485 Properties, LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America					
			81-3091169	5026603			730 Data Centers, LLC	.DE	NIA	730 Data Centers, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-0793232	5154029			730 Aviator, LLC	.DE	NIA	730 Data Centers, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3106043	5036303			730 Databridge, LLC	.DE	NIA	730 Data Centers, LLC	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America					
			47-2616735	4801719			730 Power Development, LLC	.DE	NIA	730 Power Development, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2622825	4810784			730 CarrolI, LLC	.DE	NIA	730 Power Development, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4949107			730 Cricket, LLC	.DE	NIA	730 Power Development, LLC	Ownership	100.000	TIAA Board of Overseers	N	

STATEMENT AS OF MARCH 31, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			47-5363027	4936116			730 Telecom LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							730 Transmission, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							730 Hotspur, LLC	DE	NIA	730 Transmission, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			13-4042885	4599801			730 Texas Forest Holdings, Inc.	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	Y	
			51-0494351	4599838			730 Texas Timberlands II, Ltd.	TX	NIA	Teachers Insurance and Annuity Association of America	Ownership	99.500	TIAA Board of Overseers	N	1700
			51-0494351	4599838			730 Texas Timberlands II, Ltd.	TX	NIA	730 Texas Forest Holdings, Inc.	Ownership	0.500	TIAA Board of Overseers	N	1700
			13-4040842	4601722			TIAA Timberlands I, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			13-4085431	4601740			TIAA Timberlands II, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			13-4042888	4601713			730 Texas Timberlands, Ltd.	TX	NIA	TIAA Timberlands I, LLC	Ownership	99.500	TIAA Board of Overseers	N	1800
			13-4042888	4601713			730 Texas Timberlands, Ltd.	TX	NIA	730 Texas Forest Holdings, Inc.	Ownership	0.500	TIAA Board of Overseers	N	1800
			38-3847245	4602840			Actoil, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			46-3373066	4602916			Actoil Colorado, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4651521			Great Western Petroleum LLC	DE	NIA	Actoil Colorado, LLC	Influence		TIAA Board of Overseers	N	
			46-1952974	4599940			Broadleaf Timberland Investments, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			26-4647417	4601768			Quercus Forestland Account, LLC	NC	NIA	Broadleaf Timberland Investments, LLC	Ownership	99.000	TIAA Board of Overseers	N	
				4618346			Quercus Panama, LLC	DE	NIA	Quercus Forestland Account, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4651503			Quercus Algoma Corporation	CAN	NIA	Quercus Forestland Account, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4860538			Quercus Algoma Land Corporation	CAN	NIA	Quercus Algoma Corporation	Ownership	100.000	TIAA Board of Overseers	N	
			46-2916514	4613426			Quercus West Virginia, LLC	DE	NIA	Quercus Forestland Account, LLC	Ownership	99.900	TIAA Board of Overseers	N	
			47-2167228	4776451			Casa Student Housing Fund Holdings, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			47-4455610	4990967			PEP-TH CASA Student Housing, LLC	DE	NIA	Casa Student Housing Fund Holdings, LLC	Ownership	90.000	TIAA Board of Overseers	N	
			47-4455303	5194418			CSHF-PEP Purdue LLC	DE	NIA	PEP-TH CASA Student Housing, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			30-0965548	5195237			CSHF-PEP USF LLC	DE	NIA	PEP-TH CASA Student Housing, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			56-2672630	4600033			Ceres Agricultural Properties, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			37-1555322	4601816			Premiere Agricultural Properties, LLC	DE	NIA	Ceres Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			80-0843991	4628596			Loma del Rio Vineyards, LLC	DE	NIA	Premiere Agricultural Properties, LLC	Ownership	45.000	TIAA Board of Overseers	N	1900
			36-4620107	4601825			Premiere Columbia Properties, LLC	DE	NIA	Ceres Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			30-0449681	4601834			Premiere Farm Properties, LLC	DE	NIA	Ceres Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-3484719	4601843			Demeter Agricultural Properties II, LLC	DE	NIA	Ceres Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-0352203	4628372			International Agricultural Investors, LLC	DE	NIA	Ceres Agricultural Properties, LLC	Ownership	99.240	TIAA Board of Overseers	N	
				4633321			IAI Australia Pty., Ltd.	AUS	NIA	International Agricultural Investors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4633330			IAI Australia Trust	AUS	NIA	International Agricultural Investors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-0460488	4633358			IAI USA, LLC	DE	NIA	International Agricultural Investors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-2745365	4628363			International Agricultural Investors Fund II, LLC	DE	NIA	Ceres Agricultural Properties, LLC	Ownership	99.000	TIAA Board of Overseers	N	
				4633303			IAI Australia Fund II, Pty., Ltd.	AUS	NIA	International Agricultural Investors Fund II, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4633312			IAI Australia Fund II Trust	AUS	NIA	International Agricultural Investors Fund II, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-2747755	4633349			IAI USA Fund II, LLC	DE	NIA	International Agricultural Investors Fund II, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Churchill Junior Capital Opportunities Fund II, L.P.	DE	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	

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

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			98-1402136				Churchill Middle Market CLO IV Ltd.	CYM	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-1810508	5041624			Churchill Middle Market Senior Loan Fund, LP	DE	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
							Churchill Middle Market Senior Loan Fund III, LP	DE	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
			81-2914954	5106457			CPF/UIR JV Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-2928112	5110034			CPF/UIR Joint Venture LLC	DE	NIA	CPF/UIR JV Member LLC	Ownership	51.000	TIAA Board of Overseers	N	
			81-2955427	5110490			CPF 636 Sixth Avenue LLC	DE	NIA	CPF/UIR Joint Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2264739	4785949			T-C 636 Sixth Avenue Retail LLC	DE	NIA	CPF 636 Sixth Avenue LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-2982618	5110511			CPF 856 Market Street LLC	DE	NIA	CPF/UIR Joint Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-2973332	5110502			CPF 1511 Third Avenue LLC	DE	NIA	CPF/UIR Joint Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-3357982	4785930			T-C 1608 Chestnut General Partner LLC	DE	NIA	CPF/UIR Joint Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			23-3049052	4843371			1608 Chestnut Partners LP	DE	NIA	T-C 1608 Chestnut General Partner LLC	Ownership	1.000	TIAA Board of Overseers	N	2000
			47-3337561	4785958			T-C 1608 Chestnut Limited Partner LLC	DE	NIA	CPF/UIR Joint Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			23-3049052	4843371			1608 Chestnut Partners LP	DE	NIA	T-C 1608 Chestnut Limited Partner LLC	Ownership	99.000	TIAA Board of Overseers	N	2000
			26-3049305	4601928			Demeter Agricultural Properties, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			45-2632248	4600770			Dionysus Properties, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			94-3306131	4601861			Silverado Premium Properties, LLC	CA	NIA	Dionysus Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			68-0436609	4612764			Arroya Loma, LLC	DE	NIA	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			75-3025596	4612867			Chalk Ridge Vineyard, LLC	CA	NIA	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			20-3964695	4613314			Hobson Avenue Vineyard, LLC	CA	NIA	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-1542713	4613417			Marsino Vineyard, LLC	CA	NIA	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			20-2103733	4613864			Silverado Los Alamos Vineyards, LLC	CA	NIA	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			85-1933477				Mesa Del Rio Vineyard, LLC	CA	NIA	Silverado Los Alamos Vineyards, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			20-2490906	4613882			Silverado SLO Vineyards, LLC	CA	NIA	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			20-2103788	4613891			Silverado Sonoma Vineyard, LLC	CA	NIA	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			68-0466083	4613949			SPP Napa Vineyards, LLC	DE	NIA	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			94-3361818	4613967			Stanly Ranch Vineyards, LLC	CA	NIA	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-3774024	4613976			Suscol Mountain Vineyards, LLC	CA	NIA	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-2766605	4614665			Terra Ventosa Vineyards, LLC	CA	NIA	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			43-3997217	4601870			Silverado Winegrowers Holdings, LLC	DE	NIA	Dionysus Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			68-0443927	4613921			Silverado Winegrowers LLC	CA	NIA	Silverado Winegrowers Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			94-3357571	4614759			Alta Loma Vineyard, LLC	CA	NIA	Silverado Winegrowers LLC	Ownership	100.000	TIAA Board of Overseers	N	
			94-3312405	4615671			Oak Knoll Napa Vineyards, LLC	CA	NIA	Silverado Winegrowers LLC	Ownership	100.000	TIAA Board of Overseers	N	
			91-1806950	4615783			Silverado Suscol, LLC	CA	NIA	Silverado Winegrowers LLC	Ownership	100.000	TIAA Board of Overseers	N	
			45-4820104	4617077			SWG Paso Vineyard, LLC	CA	NIA	Silverado Winegrowers LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-3561447	4599708	1454640		Distressed Opportunities Fund, L.P.	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	50.000	TIAA Board of Overseers	N	
				4680307			DWM Inclusive Finance Equity Fund II	LUX	NIA	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
			98-0580879	4633947			DWM Microfinance Equity Fund I	LUX	NIA	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
			04-3718449	4643003			Envisage Information Systems, LLC	NY	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			30-0701953	4633974			EPP LFG I, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
				4894805			Global Real Estate Debt Partners Fund I (UK) SCSp	LUX	NIA	Teachers Insurance and Annuity Association of America	Ownership	36.300	TIAA Board of Overseers	N	2100
							Global Real Estate Debt Partners Fund II (UK) SCSp	LUX	NIA	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	1400

STATEMENT AS OF MARCH 31, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			32-0509812		1699398		GreshamQuant ACAR Fund LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	62.690	TIAA Board of Overseers	N	
			81-0737062	4952750			Growth Capital Fund I, L.P.	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	94.000	TIAA Board of Overseers	N	
			4860556				Inception GP LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			27-4149157	4860846			Infra Alpha, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			27-3900641	4860855			EMG Investments, LLC	DE	NIA	Infra Alpha, LLC	Influence		TIAA Board of Overseers	N	
							L.A. Teak Holdings, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							Landed Educator Retention Fund, LP	DE	NIA	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
			47-4169877	4874656			Lewis & Clark Timberlands, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	57.400	TIAA Board of Overseers	N	
			47-4187541	4876436			L&C Log Co, LLC	DE	NIA	Lewis & Clark Timberlands, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-4196668	4945967			L&C Tree Farms, LLC	DE	NIA	Lewis & Clark Timberlands, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-5300478	4946384			L&C TRS LLC	DE	NIA	L&C Tree Farms, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4601852			Mansilla Participacoes LTDA	BRA	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4634654			Radar Propriedades Agricolas S.A.	BRA	NIA	Mansilla Participacoes LTDA	Ownership	65.770	TIAA Board of Overseers	N	2200
				4643320			Nova Agricola Ponte Alta S.A.	BRA	NIA	Radar Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
				4643049			Nova Amaralina S.A. Propriedades Agricolas	BRA	NIA	Radar Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
				4643058			Nova Santa Barbara Agricola S.A.	BRA	NIA	Radar Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
				4644523			Terras da Ponte Alta S.A.	BRA	NIA	Radar Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
				4634645			Radar II Propriedades Agricolas S.A.	BRA	NIA	Mansilla Participacoes LTDA	Influence		TIAA Board of Overseers	N	
				4644309			Aguas de Ponte Alta S.A.	BRA	NIA	Radar II Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
				4644318			Bioinvestments Negocios e Participacoes	BRA	NIA	Radar II Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
				4643085			Proud Participacoes S.A.	BRA	NIA	Radar II Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
				4634654			Radar Propriedades Agricolas S.A.	BRA	NIA	Radar II Propriedades Agricolas S.A.	Ownership	15.310	TIAA Board of Overseers	N	2200
				4644336			Vale De Ponte Alta S.A.	BRA	NIA	Radar II Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
			13-1624203	5077137			MM Funding, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			47-0902011	5043075			MyVest Corporation	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	Y	
							NBPT Aggregator LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	Y	
			11-3034756	4600789			ND Properties, Inc.	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	Y	
				4634917			Norteshopping Retail and Leisure Centre BV	NLD	NIA	ND Properties, Inc.	Ownership	50.000	TIAA Board of Overseers	N	
				4634926			Norteshopping - Centro Commercial, S.A.	PRT	NIA	Norteshopping Retail and Leisure Centre BV	Ownership	100.000	TIAA Board of Overseers	N	
				4611824			ND Europe S.a.r.l.	LUX	NIA	ND Properties, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
				4912781			ND Europe Office Holding S.à r.l.	LUX	NIA	ND Europe S.a.r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4925558			Cityhold Nympe S.à r.l.	LUX	NIA	ND Europe Office Holding S.à r.l.	Influence		TIAA Board of Overseers	N	2300
				4925530			Cityhold Propco 11 S.à r.l.	LUX	NIA	ND Europe Office Holding S.à r.l.	Influence		TIAA Board of Overseers	N	
							OVG Cloud S.à r.l.	LUX	NIA	Cityhold Propco 11 S.à r.l.	Ownership	10.100	TIAA Board of Overseers	N	2400
				4914776			Cityhold Euro S.à r.l.	LUX	NIA	ND Europe Office Holding S.à r.l.	Influence		TIAA Board of Overseers	N	2500
				4913416			Cityhold Office Partnership S.à r.l.	LUX	NIA	ND Europe Office Holding S.à r.l.	Influence		TIAA Board of Overseers	N	
							CHOP OPCl	FRA	NIA	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
			98-1435873				Cityhold Iconic Holding SAS	FRA	NIA	CHOP OPCl	Ownership	100.000	TIAA Board of Overseers	N	
			98-1433967				Cityhold Iconic Hotel SNC	FRA	NIA	Cityhold Iconic Holding SAS	Ownership	100.000	TIAA Board of Overseers	N	
			98-1433956				Cityhold Iconic Office SCI	FRA	NIA	Cityhold Iconic Holding SAS	Ownership	100.000	TIAA Board of Overseers	N	
			98-1433960				Cityhold Iconic Retail SNC	FRA	NIA	Cityhold Iconic Holding SAS	Ownership	100.000	TIAA Board of Overseers	N	

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

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			98-1433975				Cityhold Iconic Youth Hostel SNC	.FRA	NIA	Cityhold Iconic Holding SAS	Ownership	100.000	TIAA Board of Overseers	.N	
							Cityhold EST Investment S.à r.l.	.LUX	NIA	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
							Cityhold Prinses Coöperatief U.A.	.NLD	NIA	Cityhold EST Investment S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
							Cityhold Prinses AcquiCo B.V.	.NLD	NIA	Cityhold Prinses Coöperatief U.A.	Ownership	100.000	TIAA Board of Overseers	.N	
							Ark Portfolio Owner Prinses B.V.	.NLD	NIA	Cityhold Prinses AcquiCo B.V.	Ownership	100.000	TIAA Board of Overseers	.N	
							Cityhold Jobbe SAS	.FRA	NIA	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
							Cityhold Jobbe SCI	.FRA	NIA	Cityhold Jobbe SAS	Ownership	100.000	TIAA Board of Overseers	.N	
				4925558			Cityhold Nymphe S.à r.l.	.LUX	NIA	Cityhold Office Partnership S.à r.l.	Ownership	88.000	TIAA Board of Overseers	.N	2300
				4920094			Cityhold Propco 6 S.à r.l.	.LUX	NIA	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
			98-1433939				Cityhold Iconic Hotel OPCO SAS	.FRA	NIA	Cityhold Propco 6 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
			98-1435880				Cityhold Iconic Investment S.à r.l.	.LUX	NIA	Cityhold Propco 6 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4925521			Cityhold Propco 9 S.à r.l.	.LUX	NIA	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4612746			36 Rue La Fayette SAS	.FRA	NIA	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4613828			SAS Roosevelt	.FRA	NIA	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4914767			Roosevelt Participation S.à r.l.	.LUX	NIA	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4615578			SNC Roosevelt	.FRA	NIA	SAS Roosevelt	Ownership	99.990	TIAA Board of Overseers	.N	2600
				4615578			SNC Roosevelt	.FRA	NIA	Roosevelt Participation S.à r.l.	Ownership	0.010	TIAA Board of Overseers	.N	2600
				4612876			Courcelles 70 SAS	.FRA	NIA	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4914776			Cityhold Euro S.à r.l.	.LUX	NIA	Cityhold Propco 9 S.à r.l.	Ownership	88.000	TIAA Board of Overseers	.N	2500
				4925549			Cityhold Propco 7 S.à r.l.	.LUX	NIA	Cityhold Euro S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4925615			Cityhold Propco 10 S.à r.l.	.LUX	NIA	Cityhold Euro S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
							Cityhold Gouden Bocht B.V.	.NLD	NIA	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
							Cityhold Gouden Bocht Monumenten B.V.	.NLD	NIA	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
			98-1438380				Redevelopment Property II B.V.	.NLD	NIA	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4925633			Cityhold Propco 12 S.à r.l.	.LUX	NIA	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
							Cityhold GC Investment S.à r.l.	.LUX	NIA	Cityhold Propco 12 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
							OVG Cloud S.à r.l.	.LUX	NIA	Cityhold Propco 12 S.à r.l.	Ownership	89.900	TIAA Board of Overseers	.N	2400
							Cityhold Grand Central Berlin SCS	.LUX	NIA	OVG Cloud S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4914785			Cityhold Sterling S.à r.l.	.LUX	NIA	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4914758			Cityhold UK Holding S.à r.l.	.LUX	NIA	Cityhold Sterling S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4919753			Cityhold UK Investment S.à r.l.	.LUX	NIA	Cityhold UK Holding S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4651343			London Belgrave Unit Trust	.JEY	NIA	Cityhold UK Holding S.à r.l.	Ownership	99.800	TIAA Board of Overseers	.N	2700
				4651343			London Belgrave Unit Trust	.JEY	NIA	Cityhold UK Investment S.à r.l.	Ownership	0.200	TIAA Board of Overseers	.N	2700
				4949198			CLOF Victoria Nominee 1 Limited	.GBR	NIA	London Belgrave Unit Trust	Ownership	100.000	TIAA Board of Overseers	.N	
				4949228			CLOF Victoria Nominee 2 Limited	.GBR	NIA	London Belgrave Unit Trust	Ownership	100.000	TIAA Board of Overseers	.N	
				4844341			New Fetter Lane Unit Trust	.JEY	NIA	Cityhold UK Holding S.à r.l.	Ownership	99.900	TIAA Board of Overseers	.N	2800
				4844341			New Fetter Lane Unit Trust	.JEY	NIA	Cityhold UK Investment S.à r.l.	Ownership	0.100	TIAA Board of Overseers	.N	2800
				4919744			60 Great Portland Street Unit Trust	.JEY	NIA	Cityhold UK Holding S.à r.l.	Ownership	99.400	TIAA Board of Overseers	.N	2900
				4919744			60 Great Portland Street Unit Trust	.JEY	NIA	Cityhold UK Investment S.à r.l.	Ownership	0.600	TIAA Board of Overseers	.N	2900
				4920076			SMA Holding S.à r.l.	.LUX	NIA	Cityhold UK Investment S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4919744			70 St Mary Axe Unit Trust	.JEY	NIA	SMA Holding S.à r.l.	Ownership	99.900	TIAA Board of Overseers	.N	3000
				4919744			70 St Mary Axe Unit Trust	.JEY	NIA	Cityhold UK Investment S.à r.l.	Ownership	0.100	TIAA Board of Overseers	.N	3000
				4920067			HV Properties S.à r.l.	.LUX	NIA	Cityhold UK Holding S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4925763			HV Freehold S.à r.l.	.LUX	NIA	HV Properties S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4614704			TIAA Lux 9 S.à r.l.	.LUX	NIA	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4615738			SAS Malachite	.FRA	NIA	TIAA Lux 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4616847			SNC Garnet-TIAA	.FRA	NIA	SAS Malachite	Ownership	100.000	TIAA Board of Overseers	.N	
				4616856			SNC La Defense	.FRA	NIA	SAS Malachite	Ownership	100.000	TIAA Board of Overseers	.N	
				4616865			SNC Lazuli	.FRA	NIA	SAS Malachite	Ownership	100.000	TIAA Board of Overseers	.N	
				4616874			SNC Peridot	.FRA	NIA	SAS Malachite	Ownership	100.000	TIAA Board of Overseers	.N	
				4613015			T-C Pep Holding S.à r.l.	.LUX	NIA	ND Europe S.à r.l.	Ownership	51.000	TIAA Board of Overseers	.N	
				4617497			T-C Pep Property S.à r.l.	.LUX	NIA	T-C Pep Holding S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4617488			T-C Pep Asset S.à r.l.	.LUX	NIA	T-C Pep Holding S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4614674			TIAA Lux 11 S.à r.l.	.LUX	NIA	ND Europe S.à r.l.	Ownership	51.000	TIAA Board of Overseers	.N	

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SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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				4615635			Gropius Passagen Verwaltungs GmbH	.DEU	NIA	TIAA Lux 11 S.a.r.l	Ownership	80.000	TIAA Board of Overseers	.N	
				4615644			Gropius S.a.r.l	.LUX	NIA	TIAA Lux 11 S.a.r.l	Ownership	80.000	TIAA Board of Overseers	.N	
				4615626			Gropius Passagen GmbH & Co KG	.DEU	NIA	Gropius S.a.r.l	Ownership	99.800	TIAA Board of Overseers	.N	3100
				4615626			Gropius Passagen GmbH & Co KG	.DEU	NIA	TIAA Lux 11 S.a.r.l	Ownership	0.160	TIAA Board of Overseers	.N	3100
				4611842			TIAA Lux 5 S.a.r.l	.LUX	NIA	ND Properties, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
				4612906			Erlangen Arcaden Verwaltungs GmbH	.DEU	NIA	TIAA Lux 5 S.a.r.l	Ownership	100.000	TIAA Board of Overseers	.N	
			20-1371171	4611851	1378575		U.S. Cities Fund, LP	.DE	NIA	ND Properties, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
			20-1371379	4614638			U.S. Cities Fund REIT, LLC	.DE	NIA	U.S. Cities Fund, LP	Ownership	100.000	TIAA Board of Overseers	.N	
			20-1364650	4617590			U.S. Cities Fund Operating GP, LLC	.DE	NIA	U.S. Cities Fund REIT, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			20-1371235	4617602			U.S. Cities Fund Operating, LP	.DE	NIA	U.S. Cities Fund REIT, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-5061808	4702928			T-C Falls Center Townhouses LLC	.DE	NIA	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	.N	
			26-1700245	4617853			T-C King Street Station LLC	.DE	NIA	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	.N	
			45-2892182	4618177			T-C Trio Apartments LLC	.DE	NIA	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	.N	
							U.S. Cities Multifamily CPF Fund Operating LP	.DE	NIA	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	.N	
			81-3794611	5116773			T-C Potomac Promenade LLC	.DE	NIA	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	.N	
			27-4116676	4618092			TCAM Core Prop Fund REIT 2 LLC	.DE	NIA	U.S. Cities Fund, LP	Ownership	100.000	TIAA Board of Overseers	.N	
			47-4935916	4952611						Teachers Insurance and Annuity Association of America	Ownership				
			82-4183425				New York City Property Fund II LP	.DE	NIA	New York City Property Fund II LP	Ownership	86.300	TIAA Board of Overseers	.N	
			83-4678924				New York City Property Fund REIT LLC	.DE	NIA	New York City Property Fund II LP	Ownership	100.000	TIAA Board of Overseers	.N	
			83-4701919				New York City Fund Operating GP LLC	.DE	NIA	New York City Property Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			83-4671194				New York City Property Fund Operating LP	.DE	NIA	New York City Property Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			84-3388831				125 West End Investors LLC	.DE	NIA	New York City Property Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	.N	
			84-3408615				125 West End Holdings LLC	.DE	NIA	125 West End Investors LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			83-4653622				125 West End Associates LLC	.DE	NIA	125 West End Holdings LLC	Ownership	100.000	TIAA Board of Overseers	.N	
										Teachers Insurance and Annuity Association of America	Ownership				
			84-2320652				NGFF Holdco, LLC	.DE	NIA	NGFF Holdco, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			84-1895540				Nuveen Global Farmland Fund, LP	.DE	NIA	Nuveen Global Farmland Fund, LP	Ownership	100.000	TIAA Board of Overseers	.N	
			84-1834824				Global Farmland Properties LLC	.DE	NIA	Global Farmland US Properties, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			84-1857338				US Horticulture Farmland, LLC	.DE	NIA	Global Farmland US Properties, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			84-1842298				US Row Farmland, LLC	.DE	NIA	Global Farmland US Properties, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			84-1880235				US Viticulture Farmland, LLC	.DE	NIA	Global Farmland US Properties, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
										Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	.N	
			46-2031403	4860800			NRFC Inception IV, LP	.DE	NIA	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	.N	
										Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	.N	
			46-2062147	4860819			NRFC Inception V, LP	.DE	NIA	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	.N	
										Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	.N	
							Nuveen CLO Issuance Fund LP	.CYM	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	.N	
			84-5180286				Nuveen Global Impact Fund LP	.DE	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	.N	
							Nuveen High Yield Municipal Opportunities Fund LP	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	68.860	TIAA Board of Overseers	.N	
			83-4357309							Teachers Insurance and Annuity Association of America	Ownership		TIAA Board of Overseers	.N	
			83-4341275				Nuveen Municipal Opportunities Fund LP	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	74.420	TIAA Board of Overseers	.N	
							Nuveen Real Estate U.S. Strategic Industrial Fund I LP	.DE	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	.N	
			81-2429791	5194061						Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	.N	
										Teachers Insurance and Annuity Association of America	Ownership		TIAA Board of Overseers	.N	
			26-4750562	4600846			Occator Agricultural Properties, LLC	.DE	NIA	Occator Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-1768969	4611860			AGR Agricultural Investments, LLC	.DE	NIA	Occator Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				4643861			Ridley Corporation Limited	.AUS	NIA	AGR Agricultural Investments	Influence		TIAA Board of Overseers	.N	
				5106475			Mandala Food Co-Investment Holdings II SPV	.MUS	NIA	Occator Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			45-1125143	4628608			Materra, LLC	.CA	NIA	Occator Agricultural Properties, LLC	Influence		TIAA Board of Overseers	.N	
			26-4621336	4644475			Teays River Investments, LLC	.DE	NIA	Occator Agricultural Properties, LLC	Influence		TIAA Board of Overseers	.N	

STATEMENT AS OF MARCH 31, 2021 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? (Y/N)	*
			26-4248579	4313025			Oleum Holding Company, Inc.	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	Y	
							2234328 Alberta ULC	CAN	NIA	Oleum Holding Company, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
				4313100			Polar Star Canadian Oil and Gas Holding, Inc	CAN	NIA	Oleum Holding Company, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
				4612755			Adastra Management, Inc.	CAN	NIA	Polar Star Canadian Oil and Gas Holding, Inc	Management		TIAA Board of Overseers	N	
			85-1933477				Otto's South Vineyard, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			26-3821015	4630133			Pinnacle Third Avenue, LP	DE	NIA	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
			81-6646838	5018644			Primary Residential Individual Mortgage Entity Trust	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			45-2792614	4601142			Renewable Timber Europe, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4990994			Renewable Timber Netherlands B.V.	POL	NIA	Renewable Timber Europe, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4614713			Topola Lasy Spolka z.o.o.	POL	NIA	Renewable Timber Netherlands B.V.	Ownership	100.000	TIAA Board of Overseers	N	
			61-1640765	4601759			Renewable Timber Resources, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							REP Coinvest III TEC, L.P.	DE	NIA	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
			47-3994280	4865047			Shf-33d North Apts, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			47-4155469	4865056			Shf-Millennium One Apts, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-2450195	4990958			Shf-The Rocks Apts, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			03-0543113	4868637			Siguler Guff Third Avenue, L.P.	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4858629			Social Infra, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4630601			Stichting Bewaarder Ziemia Fund	NLD	NIA	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
			27-4123754	4601777			T-C 685 Third Avenue Member, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			27-3095569	4644000	1510620		T-C 685 Third Avenue, LLC	DE	NIA	T-C 685 Third Avenue Member, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			61-1754745	4843915			T-C 685 Third Avenue Owner LLC	DE	NIA	T-C 685 Third Avenue, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-4969690	4653972			T-C 699 Bourke Street LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-2490530	4998431			T-C Australia RE Holdings I, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-2506975	5003426			T-C Australia RE Holdings II, LLC	DE	NIA	T-C Australia RE Holdings I, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				5084966			TIAA Australia Real Estate Trust	AUS	NIA	T-C Australia RE Holdings II, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				5195255			TGA Miller Holding Trust	AUS	NIA	TIAA Australia Real Estate Trust	Ownership	100.000	TIAA Board of Overseers	N	
				5201820			TGA Miller Street Trust	AUS	NIA	TGA Miller Holding Trust	Ownership	100.000	TIAA Board of Overseers	N	
				5085749			TIAA Melbourne Retail Holding 1 Trust	AUS	NIA	TIAA Australia Real Estate Trust	Ownership	100.000	TIAA Board of Overseers	N	
				5087891			TIAA Melbourne Retail Asset 1 Trust	AUS	NIA	TIAA Melbourne Retail Holding 1 Trust	Ownership	100.000	TIAA Board of Overseers	N	
							TGA Australia Real Estate Trust 2	AUS	NIA	T-C Australia RE Holdings II, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							TGA PBSA Hold Trust	AUS	NIA	TGA Australia Real Estate Trust 2	Ownership	100.000	TIAA Board of Overseers	N	
							TGA PBSA Asset Trust 1	AUS	NIA	TGA PBSA Hold Trust	Ownership	100.000	TIAA Board of Overseers	N	
							TGA PBSA Asset Trust 2	AUS	NIA	TGA PBSA Hold Trust	Ownership	100.000	TIAA Board of Overseers	N	
							TGA PBSA Asset Trust 3	AUS	NIA	TGA PBSA Hold Trust	Ownership	100.000	TIAA Board of Overseers	N	
							TGA PBSA Hold Trust 2	AUS	NIA	TGA Australia Real Estate Trust 2	Ownership	100.000	TIAA Board of Overseers	N	
							TGA PBSA Asset Trust 4	AUS	NIA	TGA PBSA Hold Trust 2	Ownership	100.000	TIAA Board of Overseers	N	

STATEMENT AS OF MARCH 31, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			47-2363168	4794503			T-C Europe Holding Inc. ....	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	.N	
			47-2369576	4794473			T-C Europe LP	.DE	NIA	T-C Europe Holding Inc. ....	Ownership.....	1.000	TIAA Board of Overseers	.N	3200
			47-2369576	4794473			T-C Europe LP	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership.....	99.000	TIAA Board of Overseers	.N	3200
				4843410			T-C Europe S.à r.l.	.LUX	NIA	T-C Europe LP	Ownership.....	100.000	TIAA Board of Overseers	.N	
				4873501			Nightingale LuxCo S.à r.l.	.LUX	NIA	T-C Europe S.à r.l.	Ownership.....	100.000	TIAA Board of Overseers	.N	
				4874665			T-C Nordics Investment AB	.SWE	NIA	Nightingale LuxCo S.à r.l.	Ownership.....	100.000	TIAA Board of Overseers	.N	
				4908391			Sweden Nova Lund 1 AB	.SWE	NIA	T-C Nordics Investment AB	Ownership.....	100.000	TIAA Board of Overseers	.N	
				4908403			Sweden Nova Lund 2 AB	.SWE	NIA	T-C Nordics Investment AB	Ownership.....	100.000	TIAA Board of Overseers	.N	
				4841443			T-C Luxembourg Neptune Holdings S.à r.l.	.LUX	NIA	T-C Europe S.à r.l.	Ownership.....	100.000	TIAA Board of Overseers	.N	
				4841993			T-C Neptune Holdings S. à r.l.	.LUX	NIA	T-C Luxembourg Neptune Holdings S.à r.l.	Ownership.....	100.000	TIAA Board of Overseers	.N	
				4843401			Neptune Property Venture S.à r.l.	.LUX	NIA	T-C Neptune Holdings S. à r.l.	Ownership.....	61.800	TIAA Board of Overseers	.N	
							Castel Guelfo I SRL	.ITA	NIA	Neptune Property Venture S.à r.l.	Ownership.....	100.000	TIAA Board of Overseers	.N	
				4908364			Neptune Holding Spain, S.L.	.ESP	NIA	Neptune Property Venture S.à r.l.	Ownership.....	100.000	TIAA Board of Overseers	.N	
				4912709			Promcat Alternativa, S.L.	.ESP	NIA	Neptune Holding Spain, S.L.	Ownership.....	100.000	TIAA Board of Overseers	.N	
				5083651			Neptune Madrid Holdco S.L.	.ESP	NIA	Neptune Property Venture S.à r.l.	Ownership.....	100.000	TIAA Board of Overseers	.N	
				5085691			Neptune Nassica Propco S.L.	.ESP	NIA	Neptune Madrid Holdco S.L.	Ownership.....	100.000	TIAA Board of Overseers	.N	
				5085703			Neptune Getafe Propco S.L.	.ESP	NIA	Neptune Madrid Holdco S.L.	Ownership.....	100.000	TIAA Board of Overseers	.N	
				5084920			Neptune Las Rozas Outlet S.L.	.ESP	NIA	Neptune Madrid Holdco S.L.	Ownership.....	100.000	TIAA Board of Overseers	.N	
				5084939			Neptune San Sebastian Outlet S.L.	.ESP	NIA	Neptune Madrid Holdco S.L.	Ownership.....	100.000	TIAA Board of Overseers	.N	
				4948687			Neptune OPC1 SAS	.FRA	NIA	Neptune Property Venture S.à r.l.	Ownership.....	100.000	TIAA Board of Overseers	.N	
				4952648			Roppenheim Holding SAS	.FRA	NIA	Neptune OPC1 SAS	Ownership.....	100.000	TIAA Board of Overseers	.N	
				4901383			Roppenheim Outlet SNC	.FRA	NIA	Roppenheim Holding SAS	Ownership.....	99.990	TIAA Board of Overseers	.N	3300
				5195291			Neptune Polish HoldCo 2 B.V.	.NLD	NIA	Neptune Property Venture S.à r.l.	Ownership.....	100.000	TIAA Board of Overseers	.N	
				5198779			Neptune Ursus SP. z.o.o.	.POL	NIA	Neptune Polish HoldCo 2 B.V.	Ownership.....	100.000	TIAA Board of Overseers	.N	
				4908373			Neptune Polish Property Venture BV	.NLD	NIA	Neptune Property Venture S.à r.l.	Ownership.....	100.000	TIAA Board of Overseers	.N	
				4912736			Neptune Krakow SP. z.o.o.	.POL	NIA	Neptune Polish Property Venture BV	Ownership.....	100.000	TIAA Board of Overseers	.N	
				4912745			Neptune Annapol SP. z.o.o.	.POL	NIA	Neptune Polish Property Venture BV	Ownership.....	100.000	TIAA Board of Overseers	.N	
				5083633			Neptune Poznan SP. z.o.o.	.POL	NIA	Neptune Polish Property Venture BV	Ownership.....	100.000	TIAA Board of Overseers	.N	
							Neptune Property Holding S.à r.l.	.LUX	NIA	Neptune Property Venture S.à r.l.	Ownership.....	100.000	TIAA Board of Overseers	.N	
							Neptune Amsterdam B.V.	.NLD	NIA	Neptune Property Holding S.à r.l.	Ownership.....	100.000	TIAA Board of Overseers	.N	
							Neptune Gliwice Sp. z o.o.	.POL	NIA	Neptune Property Holding S.à r.l.	Ownership.....	100.000	TIAA Board of Overseers	.N	
				4949095			Neptune Roppenheim Holding S.à r.l	.FRA	NIA	Neptune Property Venture S.à r.l.	Ownership.....	100.000	TIAA Board of Overseers	.N	
				4901383			Roppenheim Outlet SNC	.FRA	NIA	Neptune Roppenheim Holding S.à r.l	Ownership.....	0.010	TIAA Board of Overseers	.N	3300
				5083642			Neptune Vicolungo I S.r.l.	.ITA	NIA	Neptune Property Venture S.à r.l.	Ownership.....	100.000	TIAA Board of Overseers	.N	
							TC-Norway AS	.NOR	NIA	T-C Europe S.à r.l.	Ownership.....	100.000	TIAA Board of Overseers	.N	
							Skedsmo Logistikk AS	.NOR	NIA	TC-Norway AS	Ownership.....	100.000	TIAA Board of Overseers	.N	
										Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers	.N	
			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 Overseers	.N	
			46-0959792	4611936			8 Spruce Street GA Investor, LLC	.DE	NIA	8 Spruce Street GA Investor, LLC	Influence.....		TIAA Board of Overseers	.N	
			46-1403221	4619567			FC 8 Spruce Holdings, LLC	.DE	NIA	8 Spruce Street GA Investor, LLC	Ownership.....		TIAA Board of Overseers	.N	
				4511867			FC 8 Spruce Street Residential, LLC	.NY	NIA	FC 8 Spruce Holdings, LLC	Ownership.....	100.000	TIAA Board of Overseers	.N	
			84-2144204				2300 Broadway Storage Operator LLC	.DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership.....	100.000	TIAA Board of Overseers	.N	
			82-1419222	5194360			Nuveen Global Cities REIT, Inc.	.MD	NIA	T-C GA Real Estate Holdings, LLC	Ownership.....	71.330	TIAA Board of Overseers	.N	
			82-1502883	5198788			Nuveen Global Cities REIT LP, LLC	.DE	NIA	Nuveen Global Cities REIT, Inc.	Ownership.....	100.000	TIAA Board of Overseers	.N	
			82-1507998	5198797			Nuveen Global Cities REIT OP, LP	.DE	NIA	Nuveen Global Cities REIT, Inc.	Ownership.....	100.000	TIAA Board of Overseers	.N	
			82-3527067	5205060			NR 844 North LLC	.DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership.....	100.000	TIAA Board of Overseers	.N	
			84-3576911				NR 9725 Datapoint Drive LLC	.DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership.....	100.000	TIAA Board of Overseers	.N	
							NR APCF Investor Ltd.	.CYM	NIA	Nuveen Global Cities REIT OP, LP	Ownership.....	100.000	TIAA Board of Overseers	.N	
			86-2212099				NR Berkeley Lake Road LLC	.DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership.....	100.000	TIAA Board of Overseers	.N	
			82-5519657				NR Devoor Hills LLC	.DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership.....	100.000	TIAA Board of Overseers	.N	
			82-3539243	5205088			NR Denver Industrial Portfolio LLC	.DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership.....	100.000	TIAA Board of Overseers	.N	
			83-3651003				NR East Sego Lily LLC	.DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership.....	100.000	TIAA Board of Overseers	.N	

## STATEMENT AS OF MARCH 31, 2021 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	Domiciliary Location	Relationship 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 Required? (Y/N)	*
			84-3175301				NR EOF Investor Ltd.	CYM	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	N	
			83-1495411				NR Globe Street Industrial LLC	DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	N	
			82-3556058	5205079			NR Henderson 215 LLC	DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	N	
			83-1815798				NR Kirkland Crossing LLC	DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	N	
			85-2687486				NR Main Street at Kingwood LLC	DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	N	
			85-2687958				NR Massachusetts REIT Member LLC	DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	N	
			85-3509880				NR 1 National Street LLC	DE	NIA	NR Massachusetts REIT Member LLC	Ownership	100.000	TIAA Board of Overseers	N	
			86-1392851				NR MOB 1335 North Mill Street LLC	DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	N	
			86-1393093				NR MOB 2945 Wilderness Place Member LLC	DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	N	
							NRNX MOB 2945 Wilderness Place Venture LLC	DE	NIA	NR MOB 2945 Wilderness Place Member LLC	Ownership	100.000	TIAA Board of Overseers	N	
							NRNX MOB 2945 Wilderness Place Venture LLC			NRNX MOB 2945 Wilderness Place Venture LLC					
							NR MOB 2945 Wilderness Place LLC	DE	NIA		Ownership	100.000	TIAA Board of Overseers	N	
			85-3510154				NR MOB 4600 Bill Gardner Parkway LLC	DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	N	
			85-4201485				NR San Antonio Industrial Building LLC	DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	N	
			82-5503093				NR Tacara at Steiner Ranch LLC	DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	N	
			83-4299885				Nuveen Global Cities REIT Lending, LLC	DE	NIA	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-1535030	4750022			T-C 2 Herald Square Member LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-1650509	4751711			T-C 2 Herald Square Venture LLC	DE	NIA	T-C 2 Herald Square Member LLC	Ownership	51.000	TIAA Board of Overseers	N	
			47-1488131	4753573	1629144		T-C 2 Herald Square Owner LLC	DE	NIA	T-C 2 Herald Square Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			27-2952349	4612045			T-C 1101 Pennsylvania Avenue LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			27-2952617	4651398			T-C 1101 Pennsylvania Avenue Venture LLC	DE	NIA	T-C 1101 Pennsylvania Avenue LLC	Ownership	51.000	TIAA Board of Overseers	N	
			27-2952860	4863472	1577584		T-C 1101 Pennsylvania Avenue Owner LLC	DE	NIA	T-C 1101 Pennsylvania Avenue Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1851206	4611954			T-C 33 Arch Street Member, LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1805501	4613985			T-C 33 Arch Street Venture, LLC	DE	NIA	T-C 33 Arch Street Member, LLC	Ownership	51.000	TIAA Board of Overseers	N	
			45-2792699	4617198	1577586		T-C 33 Arch Street, LLC	DE	NIA	T-C 33 Arch Street Venture, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1754709	4612018			T-C 470 Park Avenue South Member LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1744112	4613994			T-C 470 Park Avenue South Venture LLC	DE	NIA	T-C 470 Park Avenue South Member LLC	Ownership	51.000	TIAA Board of Overseers	N	
			46-1828055	4612036			T-C 475 Fifth Avenue Member, LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1839003	4614889			T-C 475 Fifth Avenue Venture LLC	DE	NIA	T-C 475 Fifth Avenue Member, LLC	Ownership	51.000	TIAA Board of Overseers	N	
			45-3229803	4617330	1577564		T-C 475 Fifth Avenue, LLC	DE	NIA	T-C 475 Fifth Avenue Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2189075	4763312			T-C 800 17th Street NW Member LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2118640	4763787			T-C 800 17th Street NW Venture LLC	DE	NIA	T-C 800 17th Street NW Member LLC	Ownership	50.100	TIAA Board of Overseers	N	
			47-2069910	4767730	1629146		T-C 800 17th Street NW Owner LLC	DE	NIA	T-C 800 17th Street NW Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-4665824	4904366			T-C 888 Brannan Member LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-4684031	4904955			T-C 888 Brannan Venture LLC	DE	NIA	T-C 888 Brannan Member LLC	Ownership	50.100	TIAA Board of Overseers	N	
			47-4674147	4908319			T-C 888 Brannan Owner LLC	DE	NIA	T-C 888 Brannan Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-5605380	4971845			T-C 888 Brannan TRS, LLC	DE	NIA	T-C 888 Brannan Owner LLC	Ownership	100.000	TIAA Board of Overseers	N	
			45-3479701	4612081			T-C 2300 Broadway, LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1220681	4612139			T-C Aspira LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1791581	4612054			T-C Franklin Square Member, LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1794486	4615569			T-C Franklin Square Venture LLC	DE	NIA	T-C Franklin Square Member, LLC	Ownership	51.000	TIAA Board of Overseers	N	
			26-0011170	4617611	1577581		TIAA Franklin Square, LLC	DE	NIA	T-C Franklin Square Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2023405	4763303			T-C Hall of States Member LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2043468	4763796			T-C Hall of States Venture LLC	DE	NIA	T-C Hall of States Member LLC	Ownership	50.100	TIAA Board of Overseers	N	
			47-2034237	4767749	1629145		T-C Hall of States Owner LLC	DE	NIA	T-C Hall of States Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			45-4045658	4612148			T-C Kings Crossing, LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1120016	4601973			T-C Legacy Place Member, LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-0876833	4628550			Legacy Place Associates, LLC	MA	NIA	T-C Legacy Place Member, LLC	Ownership	50.000	TIAA Board of Overseers	N	
							300 Legacy Place Boulevard LLC	DE	NIA	Legacy Place Associates, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			30-0769316				Legacy Place Properties, LLC	MA	NIA	Legacy Place Associates, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2903922	4843326			T-C Republic Square Member LLC	DE	NIA	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2867784	4843979			T-C Republic Square Venture LLC	DE	NIA	T-C Republic Square Member LLC	Ownership	50.100	TIAA Board of Overseers	N	
			47-3033681	4844659			T-C Republic Square REIT LLC	DE	NIA	T-C Republic Square Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-3091198	4844798			T-C Republic Square Mezzanine LLC	DE	NIA	T-C Republic Square REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	

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

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			47-2793452 47-1379500 47-1347366 47-1363564 47-1367530	4847735 4749969 4752503 4752512 4751766			T-C Republic Square Owner LLC The Flats Holding Company LLC The Flats 130 DC Residential LLC The Flats 140 DC Residential LLC The Flats DC Grocery LLC	.DE .DE .DE .DE .DE	NIA NIA NIA NIA NIA	T-C Republic Square Mezzanine LLC T-C GA Real Estate Holdings, LLC The Flats Holding Company LLC The Flats Holding Company LLC The Flats Holding Company LLC	Ownership Ownership Ownership Ownership Ownership	100.000 100.000 100.000 100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	.N .N .N .N .N	
			46-4567368  46-4587620	4651473 4680316 4651482 4680316			T-C JK I, LLC Adeoti Empreendimentos Imobiliários Ltda  T-C JK II, LLC Adeoti Empreendimentos Imobiliários Ltda	.DE .BRA  .DE .BRA	NIA NIA  NIA NIA	T-C JK I, LLC Teachers Insurance and Annuity Association of America T-C JK I, LLC Teachers Insurance and Annuity Association of America T-C JK II, LLC Teachers Insurance and Annuity Association of America	Ownership Ownership  Ownership Ownership	100.000 51.000  100.000 49.000	TIAA Board of Overseers TIAA Board of Overseers  TIAA Board of Overseers TIAA Board of Overseers	.N .N  .N .N	    3400
			47-4095803	4864022			T-C Lux Fund Holdings LLC T-C Lux Investments Special Limited Partnership	.DE .LUX	NIA NIA	T-C Lux Fund Holdings LLC T-C Lux Investments Special Limited Partnership	Ownership Ownership	100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers	.N .N	
				4896256			European Cities Partnership SCSp Global Real Estate Debt Partners Fund I (UK) SCSp	.LUX .LUX	NIA NIA	T-C Lux Fund Holdings LLC T-C Lux Investments Special Limited Partnership	Ownership Management	100.000	TIAA Board of Overseers TIAA Board of Overseers	.N .N	1300
				4894805			T-C MV Member LLC T-C M-T REIT LLC	.DE .DE	NIA NIA	Teachers Insurance and Annuity Association of America T-C MV Member LLC	Ownership Ownership	100.000 99.900	TIAA Board of Overseers TIAA Board of Overseers	.N .N	
			84-3224525 85-2937933	5137956 5147049			T-C MV Member II LLC T-C M-T REIT II LLC T-C MT II Originations TRS LLC	.DE .DE .DE	NIA NIA NIA	Teachers Insurance and Annuity Association of America T-C MV Member II LLC T-C M-T REIT II LLC	Ownership Ownership Ownership	100.000 51.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	.N .N .N	
			47-1954609	4759605			T-C Mt. Ommaney Centre Holding Company LLC	.DE	NIA	Teachers Insurance and Annuity Association of America T-C Mt. Ommaney Centre Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			47-1828871	4749905			T-C Mt. Ommaney Centre LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			82-1023309	5117800			T-C Permian Investor LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			46-3007720	4599874			T-C SBMC Joint Venture LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			36-4620008 36-4619998	4599128 4634029			T-C SMA 2, LLC PennMuni-TIAA U.S. Real Estate Fund, LLC	.DE .DE	NIA NIA	Teachers Insurance and Annuity Association of America T-C SMA 2, LLC	Ownership Management	100.000	TIAA Board of Overseers TIAA Board of Overseers	.N .N	
			81-2204918	4990976			T-C The Edge at Flagler Village, LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			81-2676934 81-2691474 81-3299073	5012370 5014299 5018635			T-C UK RE Holdings I, LLC T-C UK RE Holdings II, LLC T-C UK RE Holdings III, LLC	.DE .DE .DE	NIA NIA NIA	Teachers Insurance and Annuity Association of America T-C UK RE Holdings I, LLC T-C UK RE Holdings II, LLC	Ownership Ownership Ownership	100.000 100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	.N .N .N	
				5044586 5044586			Thurrock Retail Park Unit Trust Thurrock Retail Park Unit Trust	.JEY .JEY	NIA NIA	T-C UK RE Holdings III, LLC T-C UK RE Holdings II, LLC	Ownership Ownership	99.500 0.500	TIAA Board of Overseers TIAA Board of Overseers	.N .N	3500 3500
			47-3148337	4894869			T-C U.S. Super Regional Mall Fund LP T-C Waterford Blue Lagoon General Partner, LLC	.DE .DE	NIA NIA	Teachers Insurance and Annuity Association of America Teachers Insurance and Annuity Association of America	Management Ownership		TIAA Board of Overseers TIAA Board of Overseers	.N .N	
			47-5379777	4925512			Waterford Blue Lagoon LP	.DE	NIA	T-C Waterford Blue Lagoon General Partner, LLC	Ownership	1.000	TIAA Board of Overseers	.N	3600
			47-5392075	4927785			T-C Waterford Blue Lagoon, LLC Waterford Blue Lagoon LP	.DE .DE	NIA NIA	Teachers Insurance and Annuity Association of America T-C Waterford Blue Lagoon, LLC	Ownership Ownership	100.000 50.000	TIAA Board of Overseers TIAA Board of Overseers	.N .N	3600

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

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			81-0779817	4930226			Westland At Waterford REIT General Partner LLC	.DE	NIA	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	.N	
			47-5321319	4930196			Westland At Waterford REIT LP	.DE	NIA	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	.N	
			47-5635267	4933003			Westland At Waterford General Partner LLC	.DE	NIA	Westland At Waterford REIT LP	Ownership	100.000	TIAA Board of Overseers	.N	
			47-5580924	4932994			Westland At Waterford Operating LP	.DE	NIA	Westland At Waterford REIT LP	Ownership	100.000	TIAA Board of Overseers	.N	
							Waterford Blue Lagoon REIT General Partner LLC	.DE	NIA	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	.N	
			47-5305678	4930208			Waterford Blue Lagoon REIT LP	.DE	NIA	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	.N	
			47-5642524	4933067			5201-5301 Waterford General Partner LLC	.DE	NIA	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	.N	
			47-5541032	4933012			5201-5301 Waterford Operating LP	.DE	NIA	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	.N	
			47-5672651	4933076			5200 Waterford General Partner LLC	.DE	NIA	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	.N	
			47-5498897	4933021			5200 Waterford Operating LP	.DE	NIA	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	.N	
			81-0722154	4933085			1000 Waterford General Partner LLC	.DE	NIA	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	.N	
			47-5479437	4933030			1000 Waterford Operating LP	.DE	NIA	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	.N	
			47-5445045	4933115			701-703 Waterford General Partner LLC	.DE	NIA	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	.N	
			47-5471474	4933049			701-703 Waterford Operating LP	.DE	NIA	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	.N	
			82-2631273	5165557			Waterford Core REIT General Partner LLC	.DE	NIA	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	.N	
			82-2646233	5165566			Waterford Core REIT LP	.DE	NIA	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	.N	
							Waterford Core 800 REIT General Partner LLC	.DE	NIA	Waterford Core REIT LP	Ownership	100.000	TIAA Board of Overseers	.N	
			84-3541603				Waterford Core 800 REIT LP	.DE	NIA	Waterford Core REIT LP	Ownership	100.000	TIAA Board of Overseers	.N	
			81-0733012	4930217			Waterford Core General Partner LLC	.DE	NIA	Waterford Core 800 REIT LP	Ownership	100.000	TIAA Board of Overseers	.N	
			47-5587163	4928661			Waterford Core Operating LP	.DE	NIA	Waterford Core 800 REIT LP	Ownership	100.000	TIAA Board of Overseers	.N	
			82-2663579	5165548			Waterford Core II Operating LP	.DE	NIA	Waterford Core REIT LP	Ownership	100.000	TIAA Board of Overseers	.N	
			82-2672297	5165539			Waterford Core II General Partner LLC	.DE	NIA	Waterford Core REIT LP	Ownership	100.000	TIAA Board of Overseers	.N	
							Teachers Insurance and Annuity Association of America	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			81-2146865	5041688			TEFF Holdco LLC	.DE	NIA	TEFF Holdco LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			98-1310748	5041660			TIAA European Farmland Fund GP LP	.CYM	NIA	TEFF Holdco LLC	Ownership	50.000	TIAA Board of Overseers	.N	400
			98-1310748	5042658			TIAA European Farmland Fund LP	.CYM	NIA	TEFF Holdco LLC	Management		TIAA Board of Overseers	.N	
				5043066			TEFF Holding S.a.r.l	.LUX	NIA	TIAA European Farmland Fund LP	Ownership	100.000	TIAA Board of Overseers	.N	
				5044607			TEFF Investments B.V.	.NLD	NIA	TEFF Holding S.a.r.l	Ownership	100.000	TIAA Board of Overseers	.N	
							Areal III Spolka z o.o.	.POL	NIA	TEFF Investments B.V.	Ownership	100.000	TIAA Board of Overseers	.N	
							Hodowla Zwierząt Zarodowych Choczewo Spolka z o.o.	.POL	NIA	Areal III SP. z o.o.	Ownership	100.000	TIAA Board of Overseers	.N	
							Hodowla Zwierząt Zarodowych Wierzychucino Spolka z o.o.	.POL	NIA	Areal III SP. z o.o.	Ownership	100.000	TIAA Board of Overseers	.N	
							Hodowla Zwierząt Zarodowych Zarnowiec Spolka z o.o.	.POL	NIA	Areal III SP. z o.o.	Ownership	100.000	TIAA Board of Overseers	.N	
				5093856			Dangro Invest SA	.DNK	NIA	TEFF Investments B.V.	Ownership	100.000	TIAA Board of Overseers	.N	
				5116456			AGAT Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117408			AGRA Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5116447			AGRAMAX Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5116429			AGRIFARM Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117332			AGRO - DUBLINY SP. z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117417			AGROLAND Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117341			AGROSERVICE Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117350			AMAL Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
							CISY Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117369			KOLNO Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117378			MILKOWO Sp. Z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117396			SATOPY Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117387			SEE-AGRO SP. z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117695			SOBIERADZ Spolka z o.o.	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5104556			Pszenrol SA	.POL	NIA	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117435			BDUS Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	

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

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				5117798			LOZICE Sp. z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5116492			OGARDY SP. z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117640			ROLA Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117659			ROLPOL Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117668			ROLZBUD Spolka z o.o	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5116465			SZAFIR SP. z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117761			WALICHNOWY Sp. z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117770			WEZINY SP. z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117789			ZIEMROL Spolka z o.o.	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5098486			Adamas SA	.POL	NIA	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5116586			AMBER SP. z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117444			CIESZYSLAW SP z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5116522			JAROSLAWSKO I SP. z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5116513			JAROSLAWSKO II SP. z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5117462			JASIONNO Spolka z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Overseers	.N	
				5116483			OPAL SP z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Overseers	.N	
							TETYRI SP. z o.o.	.POL	NIA	Adamas SA	Ownership	100.000	TIAA Board of Overseers	.N	
							Gospodarstwo Okopy Sp. z o.o.	.POL	NIA	TEFF Investments B.V.	Ownership	100.000	TIAA Board of Overseers	.N	
							Agrohop Bielice Sp. z o.o.	.POL	NIA	Gospodarstwo Okopy Sp. z o.o.	Ownership	100.000	TIAA Board of Overseers	.N	
							Agrohop Service Sp. z o.o.	.POL	NIA	Agrohop Bielice Sp. z o.o.	Ownership	100.000	TIAA Board of Overseers	.N	
							Agrohop Sp. z o.o.	.POL	NIA	Agrohop Bielice Sp. z o.o.	Ownership	100.000	TIAA Board of Overseers	.N	
							Agrohop Bis Sp. z o.o.	.POL	NIA	Agrohop Sp. z o.o.	Ownership	100.000	TIAA Board of Overseers	.N	
							Cieszanowice Solar Park sp. z o.o.	.POL	NIA	Gospodarstwo Okopy Sp. z o.o.	Ownership	100.000	TIAA Board of Overseers	.N	
							Przedsiębiorstwo Rolne Okopy Sp. z o.o.	.POL	NIA	Gospodarstwo Okopy Sp. z o.o.	Ownership	100.000	TIAA Board of Overseers	.N	
			84-3332496				TGA 10th Street Business Park LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			82-1645257	5183412			TGA 127-137 Franklin LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			81-2769108	5012389			TGA 299 Franklin LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			81-3988795	5049479			TGA 600 College Road LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			83-2548459				TGA 730 Third Avenue Owner LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			83-2957526				TGA 3401 North Ashton Blvd LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			82-4830474				TGA 3851 Grandpine Way LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			82-2225812				TGA APAC Fund Holdings, LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			82-2311300				Asia Pacific Cities Fund, FCP	.LUX	NIA	TGA APAC Fund Holdings, LLC	Ownership	27.700	TIAA Board of Overseers	.N	3700
							TGA Real Estate Fund Holdings, LLC	.DE	NIA	TGA APAC Fund Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							Asia Pacific Cities Fund, FCP	.LUX	NIA	TGA Real Estate Fund Holdings, LLC	Ownership	27.700	TIAA Board of Overseers	.N	3700
			86-2376987				TGA ASI Riverstone Investor Member LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			84-3830265				TGA Auburn Business Park LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			84-3285557				TGA Aurora DC III LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			84-3475931				TGA Baltimore IC LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			83-1851559				TGA Barnes Canyon Life Science LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	

STATEMENT AS OF MARCH 31, 2021 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? (Y/N)	*
			85-3076626				TGA PC MCF Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3303586				TGA Beckwith Farms LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3314123				TGA Bedford Park LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			85-4073425				TGA Boulder Creek LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			85-4073222				TGA Bridge Creek LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3441362				TGA Bridge Point LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-2939313				TGA Cactus DC I LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-2939493				TGA Cactus DC II LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3523623				TGA Capital Beltway CC LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3487859				TGA Center Square DC LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3314029				TGA Centerpointe LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			83-3799476				TGA Central Green LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-4376282				TGA Central Square Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-4890676				TGACSE Central Square Holdings LLC	DE	NIA	TGA Central Square Investor Member LLC	Ownership	95.000	TIAA Board of Overseers	N	
			84-4893448				TGACSE Central Square LLC	DE	NIA	TGACSE Central Square Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-4923976				TGACSE Midwood Corners LLC	DE	NIA	TGACSE Central Square Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-4893383				TGACSE Morningside LLC	DE	NIA	TGACSE Central Square Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-4924033				TGACSE Triangle LLC	DE	NIA	TGACSE Central Square Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-0780652				TGA Connections at Athens Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			61-1892161				PEP-TH Athens, LLC	DE	NIA	TGA Connections at Athens Investor Member LLC	Ownership	98.000	TIAA Board of Overseers	N	
			83-1011298				PEP Athens, LLC	DE	NIA	PEP-TH Athens, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			85-1065983				TGA Creekside Village Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3740496				TGA East Coronado Industrial LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3740590				TGA East Miraloma Industrial LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							TGA Eastridge Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							TGA King EastRidge Venture LLC	DE	NIA	TGA Eastridge Investor Member LLC	Ownership	95.000	TIAA Board of Overseers	N	
							TGA King EastRidge Owner LLC	DE	NIA	TGA King EastRidge Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-3740669				TGA Emerald Corporate Park LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3502383				TGA Englewood DC LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							TGA Enterprise Park Business Center LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			83-2810033				TGA European RE Holdings I, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	

STATEMENT AS OF MARCH 31, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
							Eagle GPCo S.à r.l.	.LUX	NIA	TGA European RE Holdings I, LLC	Ownership	89.500	TIAA Board of Overseers	.N	
							Eagle Partnership SCSp	.LUX	NIA	TGA European RE Holdings I, LLC	Ownership	89.500	TIAA Board of Overseers	.N	
							Eagle JVCo S.à r.l.	.LUX	NIA	Eagle Partnership SCSp	Ownership	100.000	TIAA Board of Overseers	.N	
							CB Kribeau Dzwei GmbH	.AUT	NIA	Eagle JVCo S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
							VIE Student House A GmbH & Co KG	.AUT	NIA	CB Kribeau Dzwei GmbH	Ownership	6.000	TIAA Board of Overseers	.N	3800
							Eagle Austria Holdings S.à r.l.	.LUX	NIA	Eagle JVCo S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
							VIE Student House A GmbH & Co KG	.AUT	NIA	Eagle Austria Holdings S.à r.l.	Ownership	94.000	TIAA Board of Overseers	.N	3800
							Studenthouse Rua Manuel Pereira, S.A	.PRT	NIA	Eagle JVCo S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
							Wroc?aw Fabryczna 22 sp. z o.o.	.POL	NIA	Eagle JVCo S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
							Wroc?aw Prusa 9 sp. z o.o.	.POL	NIA	Eagle JVCo S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
							TK Living GPCo Sarl	.LUX	NIA	TGA European RE Holdings I, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							TK Living Partnership SCSp	.LUX	NIA	TGA European RE Holdings I, LLC	Ownership	90.000	TIAA Board of Overseers	.N	
							TK Living JVCo Sarl	.LUX	NIA	TK Living Partnership SCSp	Ownership	100.000	TIAA Board of Overseers	.N	
							Lotomint S.L.	.ESP	NIA	TK Living JVCo Sarl	Ownership	100.000	TIAA Board of Overseers	.N	
							Carminsin S.L.	.ESP	NIA	Lotomint S.L.	Ownership	100.000	TIAA Board of Overseers	.N	
							Naraliso S.L.	.ESP	NIA	Lotomint S.L.	Ownership	100.000	TIAA Board of Overseers	.N	
							Sanfergar S.L.	.ESP	NIA	Lotomint S.L.	Ownership	100.000	TIAA Board of Overseers	.N	
							Tinesen S.L.	.ESP	NIA	Lotomint S.L.	Ownership	100.000	TIAA Board of Overseers	.N	
				5049497			TGA FC Investor Member LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			82-2708488				Fenway Center Holding 1-2, LLC	.DE	NIA	TGA FC Investor Member LLC	Ownership	50.000	TIAA Board of Overseers	.N	
			82-2708488				Fenway Center Owner 1-2, LLC	.DE	NIA	Fenway Center Holding 1-2, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			84-3523773				TGA Franklin Square IC I LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			84-3523813				TGA Franklin Square IC II LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			84-3332846				TGA Freeport DC LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			84-3740749				TGA Greenstone Logistics Center LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			84-3463522				TGA Hagerstown DC LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			84-3475313				TGA Hollins End LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			84-3523721				TGA I-95 DC LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			81-3602072	5040551			TGA Japan Holdings, LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
				5047710			TGA Japan Holdings Pte Ltd	.SGP	NIA	TGA Japan Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				5048771			TGA Japan GK Holdings Pte Ltd	.SGP	NIA	TGA Japan Holdings Pte Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				5048762			TGA Ginza 115 Holdings Pte Ltd	.SGP	NIA	TGA Japan Holdings Pte Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
			84-3718861				TGA JL Investor Member LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			84-4376472				TGA JL II Investor Member LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			85-1292481				TGA JL MCF Investor Member LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			84-3523582				TGA Landover DC LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			84-4773958				TGA Maryland Farms Holdings LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			84-4775239				U.S. Cities Office Fund Maryland Farms Co-Invest	.DE	NIA	TGA Maryland Farms Holdings LLC	Ownership	49.000	TIAA Board of Overseers	.N	1000

STATEMENT AS OF MARCH 31, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

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

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Loca-tion	Rela-tion-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			85-4075985				TGA Lakes at Indian Creek Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-2765297				TGA MH Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			86-2908291				TGA MH III Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			82-1169084				TGA MKP Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			82-1198745				TGA MKP Venture LLC	DE	NIA	TGA MKP Member LLC	Ownership	60.000	TIAA Board of Overseers	N	
			82-1187131				TGA MKP REIT LLC	DE	NIA	TGA MKP Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
							TGA MOB South Boerne LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-4232788	5075722			TGA Montague Investor Member, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				5093780			RCD TGA Pierrepont Partners LLC	DE	NIA	TGA Montague Investor Member, LLC	Ownership	51.600	TIAA Board of Overseers	N	
							TGA Montrose Residences Investor Member, LLC			Teachers Insurance and Annuity Association of America					
			81-3542251	5040542			The Residences at La Colombe d'Or Investors LLC	DE	NIA	TGA Montrose Residences Investor Member, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-2872565	5047635				DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	90.000	TIAA Board of Overseers	N	
			83-1916152				TGA MS Self Storage Investor Member LLC	DE	NIA	TGA MS Self Storage Investor Member LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2379583				Morningstar NRE Self Storage Portfolio LLC	DE	NIA	TGA MS Self Storage Investor Member LLC	Ownership	90.000	TIAA Board of Overseers	N	
							MSC Bentonville, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Boerne, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Buda, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Carolinas, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Dam Storage, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Evans Rd, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Greenhouse, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Highway 521 Storage, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Kems Landing, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Midtown Atlanta, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC MTP, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Peachtree, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC South End, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Spring Branch, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC SW Austin, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Tallahassee, LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	

STATEMENT AS OF MARCH 31, 2021 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
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							MSC Yorktown, LLC .....	DE	NIA.....	Morningstar NRE Self Storage Portfolio LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			83-4153778 .....				TGA Near East LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			85-1291326 .....				TGA Nex Investor LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			83-4139835 .....				TGA NJAHP Investor Member LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			84-4574378 .....				TGA NJAHP II Investor Member LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			85-2859128 .....				TGA NYCAHP I Investor Member LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			84-3740851 .....				TGA North Miller Industrial LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			84-3759605 .....				TGA North Orange Industrial LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			84-4774106 .....				TGA OHare Logistics Center IV LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			83-1934291 .....				TGA Oak View Mall LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			85-3510351 .....				TGA Octave Apartments LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			85-4396119 .....				TGA Pacific Landing LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			84-3254652 .....				TGA Park 355 LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			84-3254103 .....				TGA Park 55 LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			84-3254979 .....				TGA Park 88 LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
							TGA Peaceable Investor Member LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			83-3250233 .....				TGA Pleasant Prairie Center LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			84-3285659 .....				TGA Prairie Point LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			84-3830675 .....				TGA Renton Park 405 LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			83-2938932 .....				TGA Sandy Commerce Park LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			84-3487605 .....				TGA Somerset IC LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			84-3476142 .....				TGA Somerset IC II LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			85-2863856 .....				TGA Sparrow Investor LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
							Sparrow Realty Investment I LLC .....	DE	NIA.....	TGA Sparrow Investor LLC .....	Ownership.....	95.000	TIAA Board of Overseers .....	N	
			86-1703020 .....				SN SA LLC .....	DE	NIA.....	Sparrow Realty Investment I LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			85-3330672 .....				Sparrow Homes US LLC .....	DE	NIA.....	Sparrow Realty Investment I LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			83-2063402 .....				TGA SP-MPC Housing Investor Member LLC .....	DE	NIA.....	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	
			83-2147240 .....				TGA-SP Housing Venture I LLC .....	DE	NIA.....	TGA SP-MPC Housing Investor Member LLC .....	Ownership.....	87.500	TIAA Board of Overseers .....	N	
			83-2123785 .....				TGA SP-MPC Housing Venture I LLC .....	DE	NIA.....	TGA-SP Housing Venture I LLC .....	Ownership.....	97.000	TIAA Board of Overseers .....	N	
			83-1869400 .....				MPSP Ashwood Homes LLC .....	DE	NIA.....	TGA SP-MPC Housing Venture I LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	N	

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? (Y/N)	*
			83-1869494				MPSP Ashwood MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2331138				MPSP Beltline Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2345909				MPSP Beltline Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2216330				MPSP Beltline MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1088601				MPSP Center Grove Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2290040				MPSP Center Grove Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1076792				MPSP Center Grove MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2158715				MPSP Colinas South Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2158791				MPSP Colinas South Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2169896				MPSP Colinas South MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2169973				MPSP Estancia Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2277681				MPSP Estancia Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-1976109				MPSP Estancia MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-4260197				MPSP Fairlane Oaks Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-4283444				MPSP Fairlane Oaks Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-4241248				MPSP Fairlane Oaks MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2290488				MPSP Lakeview Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2319726				MPSP Lakeview Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2199063				MPSP Lakeview MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1213262				MPSP Lemon Tree Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2548459				MPSP Lemon Tree MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1230821				MPSP Mobile Gardens Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1230714				MPSP Mobile Gardens MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2379528				MPSP Parker Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2389423				MPSP Parker Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2247177				MPSP Parker MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2277774				MPSP Seven Oaks Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	

STATEMENT AS OF MARCH 31, 2021 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? (Y/N)	16  *
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi- ciliary Loca- tion	Rela- tion- ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)					
			84-2290439				MPSP Seven Oaks Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2198856				MPSP Seven Oaks MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2700633				MPSP Shiloh Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2725391				MPSP Shiloh Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2700544				MPSP Shiloh MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2428644				MPSP South Concho Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2436652				MPSP South Concho Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2261982				MPSP South Concho MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2736822				MPSP Stonegate Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2736936				MPSP Stonegate Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2725560				MPSP Stonegate MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2319873				MPSP TC GH Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2331064				MPSP TC GH Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2216156				MPSP TC GH MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2389479				MPSP TC Sherman Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2428588				MPSP TC Sherman Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2247220				MPSP TC Sherman MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2345969				MPSP Wildwood Acres Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2361787				MPSP Wildwood Acres Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2239609				MPSP Wildwood Acres MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2361842				MPSP Wildwood Village Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2379481				MPSP Wildwood Village Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2239646				MPSP Wildwood Village MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2848324				MPSP Windsong Homes LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2848439				MPSP Windsong Lender LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2861026				MPSP Windsong MHC LLC	DE	NIA	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			86-1741788				TGA SS Self Storage Portfolio Investor Member LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	

STATEMENT AS OF MARCH 31, 2021 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? (Y/N)	*
							TGA SS Self Storage Tranche I Venture LP .....	DE	NIA	TGA SS Self Storage Portfolio Investor Member LLC .....	Ownership.....	96.000 .....	TIAA Board of Overseers .....	N	
			86-1714431				TGA SS Self Storage Portfolio Venture LP .....	DE	NIA	TGA SS Self Storage Portfolio Investor Member LLC .....	Ownership.....	96.000 .....	TIAA Board of Overseers .....	N	
			86-1623164				TGA SC Bonita Springs LP .....	DE	NIA	TGA SS Self Storage Portfolio Venture LP .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			86-1623454				TGA SC Gainesville LP .....	DE	NIA	TGA SS Self Storage Portfolio Venture LP .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			86-1623724				TGA SC Columbus Veterans LP .....	DE	NIA	TGA SS Self Storage Portfolio Venture LP .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			86-1624012				TGA SC Columbus Ford LP .....	DE	NIA	TGA SS Self Storage Portfolio Venture LP .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			86-1638763				TGA SC Global Indy I LP .....	DE	NIA	TGA SS Self Storage Portfolio Venture LP .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			86-1638905				TGA SC Indianapolis 29th Street LP .....	DE	NIA	TGA SS Self Storage Portfolio Venture LP .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			86-1639097				TGA SC Erie Avenue LP .....	DE	NIA	TGA SS Self Storage Portfolio Venture LP .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			86-1639231				TGA SC Kensington LP .....	DE	NIA	TGA SS Self Storage Portfolio Venture LP .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			86-1639333				TGA SC Germantown LP .....	DE	NIA	TGA SS Self Storage Portfolio Venture LP .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			86-1676331				TGA SC Lancaster LP .....	DE	NIA	TGA SS Self Storage Portfolio Venture LP .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			86-1676505				TGA SC Beaumont LP .....	DE	NIA	TGA SS Self Storage Portfolio Venture LP .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			86-1676901				TGA SC Glenn Heights LP .....	DE	NIA	TGA SS Self Storage Portfolio Venture LP .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			86-1677082				TGA SC Houston LP .....	DE	NIA	TGA SS Self Storage Portfolio Venture LP .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			86-1677222				TGA SC Hansboro Avenue LP .....	DE	NIA	TGA SS Self Storage Portfolio Venture LP .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			84-3255382				TGA Sterling DC LLC .....	DE	NIA	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
							TGA TCA Durham Logistics Center Investor Member LLC .....	DE	NIA	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
							TGA TCA Durham Logistics Center LLC .....	DE	NIA	TGA TCA Durham Logistics Center Investor Member LLC .....	Ownership.....	90.000 .....	TIAA Board of Overseers .....	N	
			85-3509669				TGA The Apartments at Blakeney LLC .....	DE	NIA	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			84-3093962				TGA The Warehouse At CH Investor Member LLC .....	DE	NIA	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			84-3055701				TGAP The Warehouse At CH LLC .....	DE	NIA	TGA The Warehouse At CH Investor Member LLC .....	Ownership.....	98.500 .....	TIAA Board of Overseers .....	N	
			84-3055465				TGAP The Warehouse At CH Owner LLC .....	DE	NIA	TGAP The Warehouse At CH LLC .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			86-1749539				TGA The Warehouse At Ch II Investor Member LLC .....	DE	NIA	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
							TGAP The Warehouse at CH II LLC .....	DE	NIA	TGA The Warehouse At Ch II Investor Member LLC .....	Ownership.....	90.000 .....	TIAA Board of Overseers .....	N	
							TGAP The Warehouse at CH II Owner LLC .....	DE	NIA	TGAP The Warehouse at CH II LLC .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			84-3759437				TGA Tri-State Commerce Center LLC .....	DE	NIA	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			85-3917654				TGA Twelve100 Apartments LLC .....	DE	NIA	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
							TGA University Parcels LLC .....	DE	NIA	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			84-3830895				TGA Van Dorens West LLC .....	DE	NIA	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			84-3441798				TGA Vista Point South LLC .....	DE	NIA	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			84-3527380				TGA Washington DC CC LLC .....	DE	NIA	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			84-2939589				TGA Westport Distribution Center LLC .....	DE	NIA	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			83-0723201				TGA Yorktown Apartments LLC .....	DE	NIA	Teachers Insurance and Annuity Association of America .....	Ownership.....	100.000 .....	TIAA Board of Overseers .....	N	
			81-1994278	5018626			TGAM Agribusiness Fund LP .....	DE	NIA	Teachers Insurance and Annuity Association of America .....	Ownership.....	99.700 .....	TIAA Board of Overseers .....	N	

STATEMENT AS OF MARCH 31, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			82-2826183				TIAA Administrative Services LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4900500			TIAA CLO I Ltd	CYM	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
				5049965			TIAA CLO I LLC	DE	NIA	TIAA CLO I Ltd	Ownership	100.000	TIAA Board of Overseers	N	
			84-1905731				TIAA CLO I Holding, LLC	DE	NIA	TIAA CLO I Ltd	Ownership	100.000	TIAA Board of Overseers	N	
							TIAA CLO II Ltd	CYM	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
							TIAA CLO II LLC	DE	NIA	TIAA CLO II Ltd	Ownership	100.000	TIAA Board of Overseers	N	
			84-1921751				TIAA CLO II Holding, LLC	DE	NIA	TIAA CLO II Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				5157860			TIAA CLO III Ltd	CYM	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
							TIAA CLO III LLC	DE	NIA	TIAA CLO III Ltd	Ownership	100.000	TIAA Board of Overseers	N	
							TIAA CLO IV Ltd	CYM	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
							TIAA CLO V Ltd	CYM	NIA	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
			13-4173396	4599203			TIAA CMBS I, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			13-4173396	4602774			TIAA CMBS I Trust	DE	NIA	TIAA CMBS I, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-4570655	4900498			TIAA Diversified Public Investments, LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			90-0615674	3838857	1502749		TIAA FSB Holdings, Inc.	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	Y	
			59-3531592	2735146			Everbank Funding, LLC	DE	NIA	TIAA FSB Holdings, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			59-3547521	4318057			TIAA, FSB	US	NIA	TIAA FSB Holdings, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			43-1823879	4318066			AMC Holding, Inc.	FL	NIA	TIAA, FSB	Ownership	100.000	TIAA Board of Overseers	N	
			36-1208070	4460817			Customerone Financial Network, Inc.	DE	NIA	AMC Holding, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			11-3642567	4318178			Business Property Lending, Inc.	DE	NIA	TIAA, FSB	Ownership	100.000	TIAA Board of Overseers	N	
			61-1560018	4318217	1436613		Elite Lender Services, Inc.	FL	NIA	TIAA, FSB	Ownership	100.000	TIAA Board of Overseers	N	
			20-0716627	4318226			Tygris Commercial Financial Group, Inc.	DE	NIA	TIAA, FSB	Ownership	100.000	TIAA Board of Overseers	N	
			26-2483829	3867400			TIAA Commercial Finance, Inc.	DE	NIA	Tygris Commercial Financial Group, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
							Tygris Asset Finance, Inc.	DE	NIA	Tygris Commercial Financial Group, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			81-1241294	4979391			TIAA GBS Holding LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				5003789			TIAA GBS Singapore Holding Company Pte. Ltd.	SGP	NIA	TIAA GBS Holding LLC	Ownership	100.000	TIAA Board of Overseers	N	
				5006838			TIAA Global Business Services (India) Private Limited	IND	NIA	TIAA GBS Singapore Holding Company Pte. Ltd.	Ownership	100.000	TIAA Board of Overseers	N	
			27-5551198	4599267			TIAA Global Ag Holdco LLC	DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			45-5044364	4627124			Global Agriculture AIV (US), LLC	DE	NIA	TIAA Global Ag Holdco LLC	Ownership	98.100	TIAA Board of Overseers	N	
			45-1531685	4643580			Global Ag Properties USA LLC	DE	NIA	Global Agriculture AIV (US), LLC	Management		TIAA Board of Overseers	N	
			80-0843991	4644877			Loma del Rio Vineyards, LLC	DE	NIA	Global Ag Properties USA LLC	Ownership	55.000	TIAA Board of Overseers	N	1900
			46-2577906	4643973			Sugarloaf Vineyard, LLC	DE	NIA	Global Ag Properties USA LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-1083514	4753582			Global Agriculture II AIV (US) LLC	DE	NIA	TIAA Global Ag Holdco LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-1069783	4755438			Global Ag Properties II USA LLC	DE	NIA	Global Agriculture II AIV (US) LLC	Ownership	50.000	TIAA Board of Overseers	N	
			27-5551341	4639994			TIAA-CREF Global Agriculture LLC	DE	NIA	TIAA Global Ag Holdco LLC	Management		TIAA Board of Overseers	N	
				4643357			Global AG Properties Australia Pty, Ltd	AUS	NIA	TIAA-CREF Global Agriculture LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4643571			Global AG Properties Australia Trust	AUS	NIA	TIAA-CREF Global Agriculture LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4643094			Nova Gaia Brasil Participaco Ltda.	BRA	NIA	TIAA-CREF Global Agriculture LLC	Ownership	99.990	TIAA Board of Overseers	N	3900
				4644493			Tellus Brasil Participaco S.A.	BRA	NIA	Nova Gaia Brasil Participaco Ltda.	Management		TIAA Board of Overseers	N	4000
				4644484			Terraviva Brasil Participaco Ltda.	BRA	NIA	Nova Gaia Brasil Participaco Ltda.	Ownership	99.990	TIAA Board of Overseers	N	4100
				4644493			Tellus Brasil Participaco S.A.	BRA	NIA	Terraviva Brasil Participaco Ltda.	Management		TIAA Board of Overseers	N	4000

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

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
				4863490			Agrobio Investimentos e Participações S.A.	.BRA	NIA	Tellus Brasil Participaco S.A.	Ownership	100.000	TIAA Board of Overseers	.N	
				4646321			Cerpon Participações S.A.	.BRA	NIA	Tellus Brasil Participaco S.A.	Ownership	100.000	TIAA Board of Overseers	.N	
				4725758			Nova Ibiajara Propriedades Agrícolas S.A.	.BRA	NIA	Tellus Brasil Participaco S.A.	Ownership	100.000	TIAA Board of Overseers	.N	
				4653954			Tellus Bahia Propriedades Agrícolas Ltda.	.BRA	NIA	Tellus Brasil Participaco S.A.	Ownership	100.000	TIAA Board of Overseers	.N	
				4653981			Jatobá Propriedades Agrícolas Ltda.	.BRA	NIA	Tellus Brasil Participaco S.A.	Ownership	100.000	TIAA Board of Overseers	.N	
				4644505			Terra do Sol Propriedades Agrícolas S.A.	.BRA	NIA	Tellus Brasil Participaco S.A.	Ownership	100.000	TIAA Board of Overseers	.N	
				4644514			Terrainvest Propriedades Agrícolas S.A.	.BRA	NIA	Tellus Brasil Participaco S.A.	Ownership	100.000	TIAA Board of Overseers	.N	
				4646282			Tparone Participações S.A.	.BRA	NIA	Tellus Brasil Participaco S.A.	Ownership	100.000	TIAA Board of Overseers	.N	
				4646303			Toperone Agrícola S.A.	.BRA	NIA	Tparone Participações S.A.	Ownership	100.000	TIAA Board of Overseers	.N	
				4646291			Tpartwo Participações S.A.	.BRA	NIA	Tellus Brasil Participaco S.A.	Ownership	100.000	TIAA Board of Overseers	.N	
				4646312			Topertwo Agrícola S.A.	.BRA	NIA	Tpartwo Participações S.A.	Ownership	100.000	TIAA Board of Overseers	.N	
			45-1502187	4640011			TIAA-CREF Global Agriculture BR, LLC	.DE	NIA	TIAA-CREF Global Agriculture LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				4643094			Nova Gaia Brasil Participaco Ltda.	.BRA	NIA	TIAA-CREF Global Agriculture BR, LLC	Ownership	0.010	TIAA Board of Overseers	.N	3900
				4644484			Terraviva Brasil Participaco Ltda.	.BRA	NIA	TIAA-CREF Global Agriculture BR, LLC	Ownership	0.010	TIAA Board of Overseers	.N	4100
			47-0974399	4753591	1616610		TIAA-CREF Global Agriculture II LLC	.DE	NIA	TIAA Global Ag Holdco LLC	Management		TIAA Board of Overseers	.N	
			47-1062423	4755447			TIAA-CREF Global Agriculture II BR, LLC	.DE	NIA	TIAA-CREF Global Agriculture II LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-2860100	4599276			TIAA Global Equity Income, LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			26-3594208	4863502			TIAA Global Public Investments, LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			46-3881813	4599892			TIAA GTR HoldCo, LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			46-3210500	4724023			Global Timber Resources LLC	.DE	NIA	TIAA GTR HoldCo, LLC	Ownership	50.000	TIAA Board of Overseers	.N	
			46-3909387	4868431			Global Timber SA LLC	.DE	NIA	Global Timber Resources LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			98-1206384	4803151			Forestal Monterrey Colombia SAS	.COL	NIA	Global Timber SA LLC	Ownership	85.480	TIAA Board of Overseers	.N	
			46-3899490	4801906			Global Timber International LLC	.DE	NIA	Global Timber Resources LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				4802789			Global Timber Spain, SL	.ESP	NIA	Global Timber International LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				4868440			Forestal GTR Chile Limitada	.CHL	NIA	Global Timber Spain, SL	Ownership	99.900	TIAA Board of Overseers	.N	
				5165454			Global Timber Resources Colombia, S.A.S.	.COL	NIA	Global Timber Spain, SL	Ownership	100.000	TIAA Board of Overseers	.N	
				5183458			Monte Fresnos Asociacion Agraria de Responsabilidad LTDA	.URY	NIA	Global Timber Spain, SL	Ownership	100.000	TIAA Board of Overseers	.N	
				5183421			Monte Fresnos, S.A.	.URY	NIA	Global Timber Spain, SL	Ownership	100.000	TIAA Board of Overseers	.N	
				5183430			Taurion Asociacion Agraria de Responsabilidad LTDA	.URY	NIA	Global Timber Spain, SL	Ownership	100.000	TIAA Board of Overseers	.N	
				5183449			Taurion, S.A.	.URY	NIA	Global Timber Spain, SL	Ownership	100.000	TIAA Board of Overseers	.N	
				4866905			GT Europe Cooperatief U.A.	.NLD	NIA	Global Timber International LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				4900425			Global Timber NL, B.V.	.NLD	NIA	GT Europe Cooperatief U.A.	Ownership	100.000	TIAA Board of Overseers	.N	
				4901543			GTR Brasil Participacoes Ltda	.BRA	NIA	Global Timber NL, B.V.	Ownership	99.000	TIAA Board of Overseers	.N	
				4902380			Brasilwood Reflorestamento S.A.	.BRA	NIA	GTR Brasil Participacoes Ltda	Ownership	75.000	TIAA Board of Overseers	.N	
							Brasilwood Terras Florestais S.A.	.BRA	NIA	GTR Brasil Participacoes Ltda	Ownership	97.000	TIAA Board of Overseers	.N	
							Khaya Woods Investimentos Florestais LTDA	.BRA	NIA	GTR Brasil Participacoes Ltda	Influence		TIAA Board of Overseers	.N	
							Mamoneira Agropastoril S.A.	.BRA	NIA	GTR Brasil Participacoes Ltda	Influence		TIAA Board of Overseers	.N	
				5198809			Jatoba Brasil Investimentos Florestais Ltda	.BRA	NIA	GTR Brasil Participacoes Ltda	Ownership	100.000	TIAA Board of Overseers	.N	
				5198818			Paineira Investimentos Florestais S.A.	.BRA	NIA	GTR Brasil Participacoes Ltda	Ownership	97.000	TIAA Board of Overseers	.N	
							IPOPEMA 95 Closed Investment Fund of Non-Public Assets	.POL	NIA	Global Timber NL, B.V.	Ownership	100.000	TIAA Board of Overseers	.N	
				4801915			EKO Topola Sp. z.o.o.	.POL	NIA	IPOPEMA 95 Closed Investment Fund of Non-Public Assets	Ownership	100.000	TIAA Board of Overseers	.N	
				4868422			Brusno Resort Sp. z.o.o.	.POL	NIA	IPOPEMA 95 Closed Investment Fund of Non-Public Assets	Ownership	100.000	TIAA Board of Overseers	.N	
				4802800			TIAA Infrastructure Investments, LLC	.DE	NIA	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			45-3479281	4599306			730 Parking LLC	.DE	NIA	TIAA Infrastructure Investments, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			81-5307354	51539833			730 Interpark, LLC	.DE	NIA	730 Parking LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			81-5302296	5157879											

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SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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							A-30 Canadian Transport Inc. ....	.CAN	.NIA	TIAA Infrastructure Investments, LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							1867 Infrastructure Holdings Inc. ....	.CAN	.NIA	A-30 Canadian Transport Inc. ....	Ownership.....	51.000	TIAA Board of Overseers .....	.N	
							1867 NA30 Holding Inc. ....	.CAN	.NIA	1867 Infrastructure Holdings Inc. ....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							1867 Nouvelle Autoroute 30 Inc. ....	.CAN	.NIA	Iridium Nouvelle Autoroute 30 Inc. ....	Ownership.....	50.000	TIAA Board of Overseers .....	.N	
			38-3857916	4602813			I 595 Toll Road, LLC	.DE	.NIA	TIAA Infrastructure Investments, LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							North American Sustainable Energy Fund, L.P.								
			46-5279686	4810775				.DE	.NIA	TIAA Infrastructure Investments, LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
										North American Sustainable Energy Fund, L.P.	Influence.....		TIAA Board of Overseers .....	.N	
				4895660			McCommas Bluff Holdings LLC	.DE	.NIA	McCommas Bluff Holdings LLC .....	Ownership.....	51.000	TIAA Board of Overseers .....	.N	
				4896331			Dallas Clean Energy, LLC	.DE	.NIA	Dallas Clean Energy, LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4900407			Dallas Clean Energy McCommas Bluff, LLC	.DE	.NIA	North American Sustainable Energy Fund, L.P.	Ownership.....	90.500	TIAA Board of Overseers .....	.N	
							Energy Power Investment Company, LLC	.DE	.NIA	Energy Power Investment Company, LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4946852			EPP Renewable Energy, LLC	.DE	.NIA	EPP Renewable Energy, LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				4947318			EPP New Jersey Biogas, LLC	.DE	.NIA	EPP New Jersey Solar, LLC	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							EPP New Jersey Solar, LLC	.DE	.NIA	EPP Renewable Energy, LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							North American Sustainable Energy Fund GP, LLC	.DE	.NIA	TIAA Infrastructure Investments, LLC .....	Ownership.....	99.900	TIAA Board of Overseers .....	.N	
							North American Sustainable Energy Manager, LLC	.DE	.NIA	TIAA Infrastructure Investments, LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
										Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			45-2665869	4601115			TIAA Oil and Gas Investments, LLC	.DE	.NIA	TIAA Oil and Gas Investments, LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			45-1286237	4602877			Actgas, LLC	.DE	.NIA	TIAA Oil and Gas Investments, LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			46-3410649	4602925			Actoil Bakken, LLC	.DE	.NIA	TIAA Oil and Gas Investments, LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			46-3628993	4602934			Actoil Utica, LLC	.DE	.NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							TIAA Realty, LLC	.DE	.NIA	TIAA Realty, LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				81-0902394	4949125		T-C 77 Central LLC	.DE	.NIA	TIAA Realty, LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				47-2249307	4763161		T-C 680 Belleville LLC	.DE	.NIA	TIAA Realty, LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				46-2678242	4611721		T-C Port Northwest Development, LLC	.DE	.NIA	TIAA Realty, LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
				81-3961919	5047626		TGA 70 Federal Street LLC	.DE	.NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							TIAA RFS, LLC	.DE	.NIA	TIAA RFS, LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							TIAA Advisory, LLC	.DE	.NIA	TIAA RFS, LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							TIAA-CREF Insurance Agency, LLC	.DE	.NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
										Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			85-3343718				TIAA Shared Services, LLC	.DE	.NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
										Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			81-2755014	5011346			TIAA SMA Strategies, LLC	.DE	.NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
										Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			45-3029655	4601197			TIAA-Stonepeak Investments I, LLC	.DE	.NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
										Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			45-3030923	4601245			TIAA-Stonepeak Investments II, LLC	.DE	.NIA	Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
										Teachers Insurance and Annuity Association of America	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			45-3164600	4601348			TIAA Super Regional Mall Member Sub, LLC	.DE	.NIA	TIAA Super Regional Mall Member Sub, LLC ..	Ownership.....	51.000	TIAA Board of Overseers .....	.N	
			45-3164764	4644055			T-C Super Regional Mall Venture, LLC	.DE	.NIA	T-C Super Regional Mall Venture, LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			46-4623585	4801821	1614181		T-C International Plaza REIT LLC	.DE	.NIA	T-C International Plaza REIT LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			46-4653326	4801830			T-C International Plaza Investor GP LLC	.DE	.NIA	T-C International Plaza REIT LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			46-4680948	4801849			T-C International Plaza Investor LP LLC	.DE	.NIA	T-C International Plaza REIT LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
							Tampa Westshore Associates Limited Partnership	.DE	.NIA	T-C International Plaza Investor LP LLC ....	Influence.....		TIAA Board of Overseers .....	.N	
			38-3173536	2884259			T-C Las Vegas Retail REIT LLC	.DE	.NIA	T-C Las Vegas Retail REIT LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			46-2713521	4604116	1595474		T-C Las Vegas Retail Investor LLC	.DE	.NIA	T-C Las Vegas Retail REIT LLC .....	Ownership.....	100.000	TIAA Board of Overseers .....	.N	
			46-2726147	4612979			Grand Canal Shoppes Holdings, LLC	.DE	.NIA	T-C Las Vegas Retail Investor LLC .....	Influence.....		TIAA Board of Overseers .....	.N	
				4615617											

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SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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			45-3165203	4644064	1544129		T-C Midwest REIT, LLC	DE	NIA	T-C Super Regional Mall Venture, LLC	Ownership	99.800	TIAA Board of Overseers	N	
			45-2211957	4644073			T-C Midwest Retail, LLC	DE	NIA	T-C Midwest REIT, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4644288			CBL/T-C, LLC	DE	NIA	T-C Midwest Retail, LLC	Ownership	50.000	TIAA Board of Overseers	N	
			45-3164998	4644082	1544127		T-C Montgomery Mall REIT, LLC	DE	NIA	T-C Super Regional Mall Venture, LLC	Ownership	99.800	TIAA Board of Overseers	N	
			27-4117159	4644091			T-C Montgomery Mall, LLC	DE	NIA	T-C Montgomery Mall REIT, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			95-4658637	4644886			Montgomery Mall of Maryland, LLC	MD	NIA	T-C Montgomery Mall, LLC	Ownership	50.000	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association								
			45-1286386	4601526			TIAA SynGas, LLC	DE	NIA	of America	Ownership	100.000	TIAA Board of Overseers	N	
			13-1624203	4741758			730 Catsolar, LLC	DE	NIA	TIAA SynGas, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4747835			Catalina Solar Lessee Holdco, LLC	CA	NIA	730 Catsolar, LLC	Ownership	50.000	TIAA Board of Overseers	N	
				4749866			Catalina Solar Lessee, LLC	CA	NIA	Catalina Solar Lessee Holdco, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			56-2492641	4643900			SG Solutions, LLC	DE	NIA	TIAA SynGas, LLC	Influence		TIAA Board of Overseers	N	
			27-0195010	4626088			AE Investor II, LLC	DE	NIA	TIAA SynGas, LLC	Ownership	57.000	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association								
			20-8892977	4599810			TIAA Union Place Phase I, LLC	DE	NIA	of America	Ownership	100.000	TIAA Board of Overseers	N	
			20-8281443	4640066			Union Place Phase I, LLC	DE	NIA	TIAA Union Place Phase I, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association								
			45-4486211	4602886			TIAA Wind Investments, LLC	DE	NIA	of America	Ownership	100.000	TIAA Board of Overseers	N	
			45-3743502	4626136			Capistrano Wind Partners, LLC	DE	NIA	TIAA Wind Investments, LLC	Influence		TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association								
			20-8384004	4599490			TIAA-CREF LPHC, LLC	DE	NIA	of America	Ownership	100.000	TIAA Board of Overseers	N	
			46-1191235	5018671	1611288		TIAA-CREF Real Property Fund GP, LLC	DE	NIA	TIAA-CREF LPHC, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association								
			55-0856733	4314349	882928		TIAA-CREF Individual & Institutional Services, LLC	DE	NIA	of America	Ownership	100.000	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association								
			20-5591124	4314273			TIAA-CREF Redwood, LLC	DE	NIA	of America	Ownership	100.000	TIAA Board of Overseers	N	
							TIAA Endowment & Philanthropic Services, LLC								
			20-5631854	4314282				DE	NIA	TIAA-CREF Redwood, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association								
			13-4026557	4314116	1627236		TIAA-CREF Tuition Financing, Inc.	DE	NIA	of America	Ownership	100.000	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association								
				4844163			UK PPP Investments, LP	GBR	NIA	of America	Ownership	100.000	TIAA Board of Overseers	N	
				4848590			Wigg (Holdings) Limited	GBR	NIA	UK PPP Investments, LP	Ownership	100.000	TIAA Board of Overseers	N	
				4848983			Wigg Investments Limited	GBR	NIA	Wigg (Holdings) Limited	Ownership	100.000	TIAA Board of Overseers	N	
				4849739			Merseylink (Holdings) Limited	GBR	NIA	Wigg Investments Limited	Influence		TIAA Board of Overseers	N	
				4852298			Merseylink (Finance) Limited	GBR	NIA	Merseylink (Holdings) Limited	Ownership	100.000	TIAA Board of Overseers	N	
				4860239			Merseylink Limited	GBR	NIA	Merseylink (Finance) Limited	Ownership	100.000	TIAA Board of Overseers	N	
				4858638			Merseylink (Issuer) plc	GBR	NIA	Merseylink (Finance) Limited	Ownership	100.000	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association								
			36-4932527				U.S. Cities Industrial Fund LP	DE	NIA	of America	Management		TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association								
			30-1108455				U.S. Cities Multifamily Fund LP	DE	NIA	of America	Management		TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association								
			82-3970010				U.S. Cities Retail Fund LP	DE	NIA	of America	Ownership	100.000	TIAA Board of Overseers	N	
			82-4016503				U.S. Cities Retail Fund REIT LLC	DE	NIA	U.S. Cities Retail Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
			82-4069923				U.S. Cities Retail Fund Operating GP LLC	DE	NIA	U.S. Cities Retail Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-4037905				U.S. Cities Retail Fund Operating LP	DE	NIA	U.S. Cities Retail Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-0750331	4612111			T-C 919 N. Michigan Avenue Retail, LLC	DE	NIA	U.S. Cities Retail Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	N	
							USCRF KRG JV Investor Member LLC	DE	NIA	U.S. Cities Retail Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	N	
			37-1904986				KRG USCRF Retail Portfolio LLC	DE	NIA	USCRF KRG JV Investor Member LLC	Ownership	100.000	TIAA Board of Overseers	N	
							KRG 951 & 41, LLC	DE	NIA	KRG USCRF Retail Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							KRG Livingston Center, LLC	DE	NIA	KRG USCRF Retail Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							KRG-USCRF Plaza Volente, LLC	DE	NIA	KRG USCRF Retail Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	

STATEMENT AS OF MARCH 31, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			82-3988257 82-3760575 47-1938723 84-2113010 85-1296109 83-2024014 81-1392434 86-2266688 82-4800804 82-5347019 83-2267896 83-3184068 83-4107560  84-3440905  83-1931152  51-0141732				U.S. Core-Plus Real Estate Debt Fund LP CRED REIT LLC CRED REIT Holdco LLC CRED Glenhardie LLC CRED HQ LLC CRED REIT Holdco Seller LLC CRED REIT Holdco TRS LLC CRED REIT Holdco Velocity LLC CRED REIT Manager LLC CRED REIT Member LP CRED Sawtelle LLC CRED Slabtown LLC CRED West Coast Industrial LLC  Western A Midwest TN, LLC  Winslow Growth Capital Fund II, L.P.  WRC Properties, LLC	DE DE DE DE DE DE DE DE DE DE DE DE DE	NIA NIA NIA NIA NIA NIA NIA NIA NIA NIA NIA NIA	Teachers Insurance and Annuity Association of America U.S. Core-Plus Real Estate Debt Fund LP CRED REIT LLC CRED REIT Holdco LLC CRED REIT Holdco LLC CRED REIT Holdco LLC CRED REIT Holdco LLC CRED REIT Holdco LLC CRED REIT Holdco LLC CRED REIT Holdco LLC CRED REIT Holdco LLC CRED REIT Holdco LLC CRED REIT Holdco LLC  Teachers Insurance and Annuity Association of America Teachers Insurance and Annuity Association of America Teachers Insurance and Annuity Association of America	Management Ownership Ownership Ownership Ownership Ownership Ownership Ownership Ownership Ownership Ownership Ownership  Ownership  Ownership  Ownership	100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000  100.000  100.000  100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers  TIAA Board of Overseers  TIAA Board of Overseers  TIAA Board of Overseers	N N N N N N N N N N N N  N  N  N	

Asterisk	Explanation
0100	AGR Services LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by AGR Partners LLC and 1% owned by Nuveen Alternative Holdings, LLC.
0200	Greenwood Resources Brasil, Ltda. is ultimately controlled and owned entirely by TIAA, with 99% owned by Greenwood Resources Forest Management, LLC and 1% owned by GreenWood Resources, Inc.
0300	CAM HR Resources LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by Churchill Asset Management LLC and 1% owned by Nuveen Alternative Holdings, LLC.
0400	TIAA European Farmland Fund GP LP is ultimately controlled and owned entirely by TIAA, with 50% owned by Nuveen Alternative Services, LLC and 50% owned by TEFF Holdco LLC
0500	TGAM APAC LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
0600	TGAM HK HC LLC is ultimately controlled and owned entirely by TIAA, with TGAM APAC LLC, TGAM Asia LLC, TIAA International APAC LLC and TIAA International Asia LLC each owning 25%
0700	TGAM Asia LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
0800	TIAA International APAC LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
0900	TIAA International Asia LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
1000	U.S. Cities Office Fund Maryland Farms Co-Invest is ultimately controlled and owned entirely by TIAA, with 51% owned by USCOF Maryland Farms Holdings LLC and 49% owned by TGA Maryland Farms Holdings LLC.
1100	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 Real Estate Limited is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA International Holdings 3, Ltd. and 1% owned by TIAA International Holdings 1, Ltd.
1300	European Cities Partnership SCSp is owned 29.8% by T-C Lux Investments Special Limited Partnership and 1% by European Cities Partnership (GP) S.à.r.l.
1400	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.
1500	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.
1600	Westchester Group South America Gestao de Investimentos Ltda. is controlled and owned entirely by TIAA, with 99% owned by Westchester Group Investment Management, Inc. and 1% owned by Westchester Group Real Estate, Inc.
1700	730 Texas Timberlands II, Ltd. is ultimately controlled and owned entirely by TIAA, which directly owns 99.5%. 730 Texas Forest Holdings, Inc., which is owned 100% by TIAA, owns .5%.
1800	730 Texas Timberlands, Ltd. is ultimately controlled and owned entirely by TIAA, with 99.5% owned by TIAA Timberlands I, LLC and .5% owned by 730 Texas Forest Holdings, Inc.
1900	Loma del Rio Vineyards, LLC is ultimately controlled and owned entirely by TIAA, with 45% owned by Premiere Agricultural Properties, LLC and 55% owned by Global Ag Properties USA, LLC.
2000	1608 Chestnut Partners LP is ultimately controlled and owned entirely by TIAA, with 99% owned by T-C 1608 Chestnut Limited Partner LLC and 1% owned by T-C 1608 Chestnut General Partner LLC.
2100	Global Real Estate Debt Partners Fund I (UK) SCSp is controlled by TIAA, which owns 36.3%. T-C Lux Investments Special Limited Partnership, which is 100% owned by TIAA, owns 24.3%.
2200	Radar Propriedades Agricolas S.A. is owned 65.77% by Mansilla Participacoes LTDA and 15.31% by Radar II Propriedades Agricolas S.A.
2300	Cityhold Nymphe S.à r.l. (Nymphe) is owned by TIAA via a 25% ownership of Cityhold Office Partnership S.à r.l., which owns 88% of Nymphe, and 3% owned by wholly-owned ND Europe Office Holding S.à r.l.
2400	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).
2500	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.
2600	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%).

STATEMENT AS OF MARCH 31, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

Asterisk	Explanation
2700 .....	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%). .....
2800 .....	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%). .....
2900 .....	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%). .....
3000 .....	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%). .....
3100 .....	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%. .....
3200 .....	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. ....
3300 .....	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%). .....
3400 .....	Adeoti Empreendimentos Imobiliários Ltda is ultimately controlled and owned entirely by TIAA, with 51% of ownership with T-C JK I, LLC and 49% of ownership with T-C JK II, LLC .....
3500 .....	Thurrock Retail Park Unit Trust is ultimately controlled and owned entirely by TIAA with 99.5% owned by T-C UK RE Holdings III, LLC and 0.5% owned by T-C UK RE Holdings II, LLC. ....
3600 .....	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%. .....
3700 .....	Asia Pacific Cities Fund, FCP is owned 27.7% by TGA APAC Fund Holdings, LLC and 27.7% by TGA Real Estate Fund Holdings, LLC .....
3800 .....	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 Dzwel GmbH, which owns 6%. .....
3900 .....	Nova Gaia Brasil Participaco Ltda. is owned 99.99% by TIAA-CREF Global Agriculture LLC and 0.01% by TIAA-CREF Global Agriculture BR, LLC. ....
4000 .....	Tellus Brasil Participaco S.A. is owned 48.9% by Terraviva Brasil Participaco Ltda. and 0.47% by Nova Gaia Brasil Participaco Ltda. ....
4100 .....	Terraviva Brasil Participaco Ltda. is owned 99.99% by Nova Gaia Brasil Participaco Ltda. and 0.01% by TIAA-CREF Global Agriculture BR, LLC. ....

STATEMENT AS OF MARCH 31, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SUPPLEMENTAL EXHIBITS AND SCHEDULES INTERROGATORIES

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

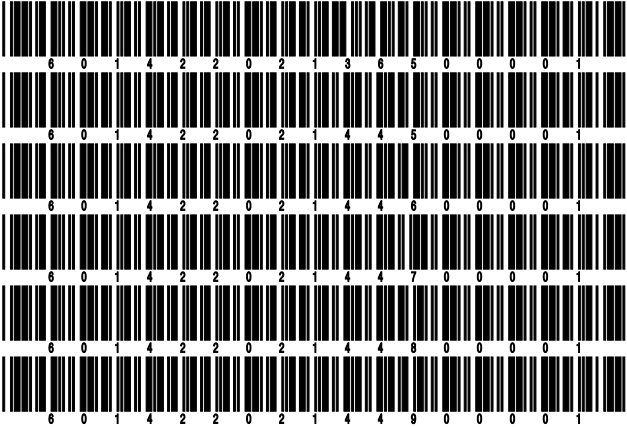
	Response
1. Will the Trusteed Surplus Statement be filed with the state of domicile and the NAIC with this statement? .....	SEE EXPLANATION
2. Will the Medicare Part D Coverage Supplement be filed with the state of domicile and the NAIC with this statement? .....	NO
3. Will the Reasonableness of Assumptions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

Explanation:

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

Bar Code:

2. Medicare Part D Coverage Supplement [Document Identifier 365]
3. Reasonableness of Assumptions Certification required by Actuarial Guideline XXXV [Document Identifier 445]
4. Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXV [Document Identifier 446]
5. Reasonableness of Assumptions Certification for Implied Guaranteed Rate Method required by Actuarial Guideline XXXVI [Document Identifier 447]
6. Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI [Document Identifier 448]
7. Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Market Value) [Document Identifier 449]



**NONE**

SCHEDULE A - VERIFICATION

Real Estate

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

SCHEDULE B - VERIFICATION

Mortgage Loans

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

SCHEDULE BA - VERIFICATION

Other Long-Term Invested Assets

	1 Year to Date	2 Prior Year Ended December 31
1. Book/adjusted carrying value, December 31 of prior year	4,666,857	4,687,634
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	340	1,309
5. Unrealized valuation increase (decrease)		
6. Total gain (loss) on disposals		
7. Deduct amounts received on disposals		
8. Deduct amortization of premium and depreciation	5,666	22,086
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)	4,661,531	4,666,857
12. Deduct total nonadmitted amounts		
13. Statement value at end of current period (Line 11 minus Line 12)	4,661,531	4,666,857

SCHEDULE D - VERIFICATION

Bonds and Stocks

	1 Year to Date	2 Prior Year Ended December 31
1. Book/adjusted carrying value of bonds and stocks, December 31 of prior year	11,168,488,129	8,666,315,772
2. Cost of bonds and stocks acquired	527,584,142	3,835,682,050
3. Accrual of discount	1,136,086	4,379,784
4. Unrealized valuation increase (decrease)	2,157,497	
5. Total gain (loss) on disposals	5,704,959	18,492,273
6. Deduct consideration for bonds and stocks disposed of	294,601,603	1,351,437,627
7. Deduct amortization of premium	3,045,117	10,373,485
8. Total foreign exchange change in book/adjusted carrying value		
9. Deduct current year's other than temporary impairment recognized	1,047,991	915,917
10. Total investment income recognized as a result of prepayment penalties and/or acceleration fees	922,257	6,345,279
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10)	11,407,298,359	11,168,488,129
12. Deduct total nonadmitted amounts		
13. Statement value at end of current period (Line 11 minus Line 12)	11,407,298,359	11,168,488,129

STATEMENT AS OF MARCH 31, 2021 OF THE TIAA-CREF LIFE INSURANCE COMPANY

SCHEDULE D - PART 1B

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

NAIC Designation	1 Book/Adjusted Carrying Value Beginning of Current Quarter	2 Acquisitions During Current Quarter	3 Dispositions During Current Quarter	4 Non-Trading Activity During Current Quarter	5 Book/Adjusted Carrying Value End of First Quarter	6 Book/Adjusted Carrying Value End of Second Quarter	7 Book/Adjusted Carrying Value End of Third Quarter	8 Book/Adjusted Carrying Value December 31 Prior Year
BONDS								
1. NAIC 1 (a) .....	7,317,176,910	1,101,941,539	1,167,283,874	(189,193,384)	7,062,641,191			7,317,176,910
2. NAIC 2 (a) .....	4,096,718,119	261,131,730	84,899,407	187,263,961	4,460,214,403			4,096,718,119
3. NAIC 3 (a) .....	5,073,220		1,998,722	162	3,074,660			5,073,220
4. NAIC 4 (a) .....								
5. NAIC 5 (a) .....	405,640		29,447	1,963	378,156			405,640
6. NAIC 6 (a) .....								
7. Total Bonds	11,419,373,889	1,363,073,269	1,254,211,450	(1,927,298)	11,526,308,410			11,419,373,889
PREFERRED STOCK								
8. NAIC 1 .....								
9. NAIC 2 .....								
10. NAIC 3 .....								
11. NAIC 4 .....								
12. NAIC 5 .....								
13. NAIC 6 .....	182,882			2,157,497	2,340,379			182,882
14. Total Preferred Stock .....	182,882			2,157,497	2,340,379			182,882
15. Total Bonds and Preferred Stock	11,419,556,771	1,363,073,269	1,254,211,450	230,199	11,528,648,789			11,419,556,771

(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 \$ .....117,999,510 ; NAIC 2 \$ .....3,350,963 ; NAIC 3 \$ ..... NAIC 4 \$ ..... ; NAIC 5 \$ ..... ; NAIC 6 \$ .....

SCHEDULE DA - PART 1

Short-Term Investments

	1	2	3	4	5
	Book/Adjusted Carrying Value	Par Value	Actual Cost	Interest Collected Year-to-Date	Paid for Accrued Interest Year-to-Date
9199999 Totals	3,350,963	xxx	3,394,194		

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 .....	3,385,093	
2. Cost of short-term investments acquired .....		40,956,307
3. Accrual of discount .....		2,458
4. Unrealized valuation increase (decrease) .....		
5. Total gain (loss) on disposals .....		(3,572)
6. Deduct consideration received on disposals .....		37,525,686
7. Deduct amortization of premium .....	34,130	44,414
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) .....	3,350,963	3,385,093
11. Deduct total nonadmitted amounts .....		
12. Statement value at end of current period (Line 10 minus Line 11)	3,350,963	3,385,093

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 .....	247,683,592	253,545,091
2. Cost of cash equivalents acquired .....	833,989,127	8,378,080,866
3. Accrual of discount .....	15,863	366,592
4. Unrealized valuation increase (decrease) .....		
5. Total gain (loss) on disposals .....	3,784	15,839
6. Deduct consideration received on disposals .....	963,692,856	8,384,324,796
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) .....	117,999,510	247,683,592
11. Deduct total nonadmitted amounts .....		
12. Statement value at end of current period (Line 10 minus Line 11)	117,999,510	247,683,592

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

[illegible]

## SCHEDULE BA - PART 3

[illegible]

STATEMENT AS OF MARCH 31, 2021 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
38381B-E5-9	GOVERNMENT NATIONAL MORTGAGE SERIES 2019-5 CLASS ZC 3.500% 11/20/48		03/01/2021	Interest Capitalization		64,818	64,818		1.A
0599999. Subtotal - Bonds - U.S. Governments						64,818	64,818		XXX
3136B3-EW-6	FNR 2018-78 ZB Z 4.000% 10/25/48		03/01/2021	Interest Capitalization		109,766	109,766		1.A
3137BB-FB-1	FHR 4352 ZW EXCH Z SEQ 3.000% 06/15/44		03/01/2021	Interest Capitalization		102,460	102,460		1.A
3137BG-3K-3	FHR 4430 Z Z SEQ 4.000% 01/15/45		03/01/2021	Interest Capitalization		127,075	127,075		1.A
3137BN-ED-2	FHR 4565 DZ Z SEQ 3.000% 03/15/46		03/01/2021	Interest Capitalization		43,587	43,587		1.A
3137BP-Q2-8	FHR 4579 GZ Z SEQ 3.000% 05/15/46		03/01/2021	Interest Capitalization		91,726	91,726		1.A
3137BT-2L-4	FHR 4631 VZ Z SEQ 3.500% 11/15/46		03/01/2021	Interest Capitalization		43,147	43,147		1.A
3137BW-HK-3	FHR 4665 NZ Z SEQ 3.500% 02/15/47		03/01/2021	Interest Capitalization		39,397	39,397		1.A
3137FG-3N-3	FHR 4801 ZD Z SEQ 4.000% 06/15/48		03/01/2021	Interest Capitalization		113,462	113,462		1.A
759136-VH-4	REGL TRANSPRTN DIST CO SALES T 1.967% 11/01/32		02/19/2021	GOLDMAN SACHS & COMPANY		10,000,000	10,000,000		1.C FE
759136-VN-1	REGL TRANSPRTN DIST CO SALES T SERIES A 2.387% 11/01/37		02/19/2021	GOLDMAN SACHS & COMPANY		8,400,000	8,400,000		1.C FE
3199999. Subtotal - Bonds - U.S. Special Revenues						19,070,620	19,070,620		XXX
02209S-BL-6	ALTRIA GROUP INC 2.450% 02/04/32		02/01/2021	CREDIT SUISSE SECURITIES US LL		3,970,826	3,975,000		2.B FE
023608-AK-8	AMEREN CORP 1.750% 03/15/28		02/24/2021	BARCLAYS BANK PLC		14,986,200	15,000,000		2.B FE
03115A-AA-1	AMFAM HOLDINGS INC SERIES 144A 2.805% 03/11/31		03/30/2021	Various		10,047,442	10,125,000	10,908	2.B FE
03115A-AC-7	AMFAM HOLDINGS INC SERIES 144A 3.833% 03/11/51		03/08/2021	JP MORGAN SECURITIES		2,000,000	2,000,000		2.B FE
039482-AB-0	ARCHER DANIELS MIDLAND C 3.250% 03/27/30		03/18/2021	SUSQUEHANNA FINANCIAL GROUP LL		10,683,800	10,000,000	157,986	1.F FE
048303-CJ-8	ATLANTIC CITY ELECTRIC 2.300% 03/15/31		03/03/2021	SCOTIA CAPITAL INC		3,473,124	3,475,000		1.F FE
06541A-BG-4	BANK SERIES 2021-BN31 CLASS A4 2.036% 02/15/54		01/28/2021	WELLS FARGO		5,149,620	5,000,000	2,828	1.A FE
06541A-BP-4	BANK SERIES 2021-BN31 CLASS AS 2.211% 02/15/54		01/28/2021	WELLS FARGO		5,149,770	5,000,000	3,071	1.A FE
06541A-BU-3	BANK SERIES 2021-BN31 CLASS B 2.383% 02/15/54		01/28/2021	WELLS FARGO		2,574,850	2,500,000	1,655	1.D FE
075887-CL-1	BECTON DICKINSON AND CO 1.957% 02/11/31		02/08/2021	MORGAN STANLEY & CO. INC.		10,000,000	10,000,000		2.C FE
08162R-AD-9	BENCHMARK MORTGAGE TRUST SERIES 2021-B23 CLASS A5 2.070% 02/15/54		01/29/2021	CITIGROUP GLOBAL MARKETS INC		5,149,681	5,000,000	4,888	1.A FE
08162R-AG-2	BENCHMARK MORTGAGE TRUST SERIES 2021-B23 CLASS AS 2.274% 02/15/54		03/16/2021	Various		9,632,841	9,625,000	10,336	1.A FE
08162R-AH-0	BENCHMARK MORTGAGE TRUST SERIES 2021-B23 CLASS B 2.095% 02/15/54		01/29/2021	CITIGROUP GLOBAL MARKETS INC		2,499,839	2,500,000	2,473	1.D FE
08162R-AJ-6	BENCHMARK MORTGAGE TRUST SERIES 2021-B23 CLASS C 2.563% 02/15/54		01/29/2021	CITIGROUP GLOBAL MARKETS INC		1,249,948	1,250,000	1,513	1.G FE
08163C-BG-3	BENCHMARK MORTGAGE TRUST SERIES 2021-B24 CLASS AS 2.780% 03/15/54		03/04/2021	JP MORGAN SECURITIES		12,359,896	12,000,000	21,310	1.A FE
11120V-AK-9	BRIXMOR OPERATING PART 2.250% 04/01/28		03/02/2021	JP MORGAN SECURITIES		1,023,124	1,025,000		2.C FE
166756-AU-0	CHEVRON USA INC 5.250% 11/15/43		01/06/2021	Taxable Exchange		15,766,971	11,000,000	81,813	1.D FE
233851-ED-2	DAIMLER FINANCE NA LLC SERIES 144A 2.450% 03/02/31		02/25/2021	BANK OF AMERICA		9,996,500	10,000,000		2.A FE
25746U-DJ-5	DOMINION ENERGY INC SERIES A 1.450% 04/15/26		03/24/2021	SUNTRUST CAPITAL MARKETS		9,995,600	10,000,000		2.B FE
29364G-AP-8	ENTERGY CORP 2.400% 06/15/31		03/02/2021	CITIGROUP GLOBAL MARKETS INC		6,202,250	6,250,000		2.B FE
29364W-BE-7	ENTERGY LOUISIANA LLC 1.600% 12/15/30		01/28/2021	CITIGROUP GLOBAL MARKETS INC		14,984,850	15,000,000	52,000	1.F FE
29365T-AJ-3	ENTERGY TEXAS INC 3.550% 09/30/49		01/14/2021	BARCLAYS BANK PLC		11,132,700	10,000,000	107,486	2.A FE
29366M-AB-4	ENTERGY ARKANSAS LLC 2.650% 06/15/51		01/07/2021	BARCLAYS BANK PLC		5,351,555	5,500,000	10,526	1.F FE
29717P-AW-7	ESSEX PORTFOLIO LP 1.650% 01/15/31		02/22/2021	WELLS FARGO		2,510,826	2,629,000	4,699	2.A FE
31620M-BR-6	FIDELITY NATL INFO SERV 1.150% 03/01/26		02/23/2021	JP MORGAN SECURITIES		9,985,000	10,000,000		2.B FE
31620M-BT-2	FIDELITY NATL INFO SERV 2.250% 03/01/31		02/23/2021	JP MORGAN SECURITIES		5,441,000	5,475,000		2.B FE
37940X-AE-2	GLOBAL PAYMENTS INC 1.200% 03/01/26		02/19/2021	JP MORGAN SECURITIES		6,993,560	7,000,000		2.C FE
38141G-XS-8	GOLDMAN SACHS GROUP INC 0.855% 02/12/26		02/10/2021	GOLDMAN SACHS & COMPANY		1,600,000	1,600,000		1.F FE
460690-BT-6	INTERPUBLIC GROUP COS 2.400% 03/01/31		02/23/2021	CITIGROUP GLOBAL MARKETS INC		9,983,200	10,000,000		2.B FE
548661-EA-1	LOWE S COS INC 2.625% 04/01/31		03/29/2021	CITIGROUP GLOBAL MARKETS INC		7,999,280	8,000,000		2.A FE
574599-BQ-8	MASCO CORP 2.000% 02/15/31		02/18/2021	DEUTSCHE BANK SECURITIES INCOR		5,509,319	5,550,000		2.B FE
57629W-CW-8	MASSMUTUAL GLOBAL FUNDIN SERIES 144A 1.550% 10/09/30		02/01/2021	WELLS FARGO		4,948,300	5,000,000	24,542	1.B FE
57629W-CZ-1	MASSMUTUAL GLOBAL FUNDIN SERIES 144A 2.150% 03/09/31		03/04/2021	JP MORGAN SECURITIES		9,985,700	10,000,000		1.B FE
57636Q-AS-3	MASTERCARD INC 1.900% 03/15/31		03/02/2021	BANK OF AMERICA		3,096,032	3,100,000		1.E FE
57636Q-AT-1	MASTERCARD INC 2.950% 03/15/51		03/02/2021	U.S. BANCORP INVESTMENTS INC		4,209,753	4,250,000		1.E FE
579780-AR-8	MCCORMICK & CO 0.900% 02/15/26		02/08/2021	BANK OF AMERICA		9,350,250	9,375,000		2.B FE
579780-AS-6	MCCORMICK & CO 1.850% 02/15/31		02/22/2021	BANK OF AMERICA		9,678,529	9,825,000	3,340	2.B FE
637417-AN-6	NATIONAL RETAIL PROP INC 2.500% 04/15/30		01/21/2021	Various		9,789,414	9,495,000	65,998	2.A FE
63743H-EW-8	NATIONAL RURAL UTIL COOP 1.000% 06/15/26		02/22/2021	JP MORGAN SECURITIES		9,974,300	10,000,000		1.F FE
63942B-AB-0	NAVIENT STUDENT LOAN TRUST SERIES 2021-A CLASS B 144A 2.850% 05/15/69		01/19/2021	BARCLAYS BANK PLC		2,249,040	2,250,000		1.C FE
63942L-AB-8	NAVIENT STUDENT LOAN TRUST SERIES 2021-BA CLASS B 144A 2.520% 07/15/69		03/16/2021	RBC DAIN RAUSCHER INC		9,499,522	9,500,000		1.C FE
668138-AC-4	NORTHWESTERN MUTUAL LIFE SERIES 144A 3.625% 09/30/59		03/03/2021	CITIGROUP GLOBAL MARKETS INC		7,259,910	7,000,000	109,253	1.C FE
67190A-AA-4	OAK STREET INVESTMENT GRADE SERIES 2021-1A CLASS A1 144A 1.480% 01/20/51		01/20/2021	CREDIT SUISSE SECURITIES US LL		4,999,225	5,000,000		1.A FE

STATEMENT AS OF MARCH 31, 2021 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
67190A-AB-2	OAK STREET INVESTMENT GRADE SERIES 2021-1A CLASS A2 144A 1.930% 01/20/51		.01/20/2021	CREDIT SUISSE SECURITIES US LL		1,999,730	2,000,000		1.A FE
693304-BA-4	PECO ENERGY CO 3.050% 03/15/51		.03/01/2021	SMBC NIKKO SECURITIES AMERICA		2,422,139	2,425,000		1.E FE
694476-AE-2	PACIFIC LIFECORP SERIES 144A 3.350% 09/15/50		.01/20/2021	WELLS FARGO		12,079,100	11,000,000	129,999	1.G FE
723787-AO-0	PIONEER NATURAL RESOURCE 1.900% 08/15/30		.01/19/2021	Various		16,754,029	17,000,000	143,556	2.B FE
723787-AR-8	PIONEER NATURAL RESOURCE 2.150% 01/15/31		.01/14/2021	BANK OF AMERICA		7,480,650	7,500,000		2.B FE
744448-CV-1	PUBLIC SERVICE COLORADO 1.875% 06/15/31		.02/23/2021	Various		11,261,462	11,325,000		1.E FE
75975B-AA-6	RENEW FINANCIAL SERIES 2021-1 CLASS A 144A 2.060% 11/20/56		.03/25/2021	NATIXIS SECURITIES AMERICAS LL		3,313,502	3,314,000		1.A FE
78433L-AB-2	SCE RECOVERY FUNDING LLC SERIES A-2 1.942% 05/15/38		.02/17/2021	BARCLAYS BANK PLC		9,999,697	10,000,000		1.A FE
843646-AW-0	SOUTHERN POWER CO 0.900% 01/15/26		.01/05/2021	JP MORGAN SECURITIES		9,352,031	9,375,000		2.A FE
857477-BP-7	STATE STREET CORP 2.200% 03/03/31		.02/26/2021	BANK OF AMERICA		10,269,718	10,300,000		1.F FE
00900C-AL-8	AIMCO SERIES 2017-AA CLASS AR 144A 1.274% 04/20/34	D.	.03/16/2021	JP MORGAN SECURITIES		2,500,000	2,500,000		1.A FE
06407E-AC-9	BANK OF NEW ZEALAND SERIES 144A 1.000% 03/03/26	D.	.02/24/2021	JP MORGAN SECURITIES		19,879,800	20,000,000		1.E FE
09659T-2C-4	BNP PARIBAS SERIES 144A 2.824% 01/26/41	D.	.01/19/2021	BNP PARIBAS		15,000,000	15,000,000		2.A FE
202712-BQ-7	COMMONWEALTH BANK AUST SERIES 144A 3.305% 03/11/41	D.	.03/02/2021	MORGAN STANLEY & CO. INC.		7,150,000	7,150,000		2.A FE
225313-AN-5	CREDIT AGRICOLE SA SERIES 144A 2.811% 01/11/41	D.	.01/05/2021	CREDIT AGRICOLE		12,000,000	12,000,000		2.A FE
22535W-AH-0	CREDIT AGRICOLE SA SERIES 144A 1.247% 01/26/27	D.	.01/19/2021	CREDIT AGRICOLE		10,000,000	10,000,000		1.G FE
225401-AT-5	CREDIT SUISSE GROUP AG SERIES 144A 1.305% 02/02/27	D.	.01/26/2021	CREDIT SUISSE SECURITIES US LL		3,300,000	3,300,000		2.A FE
456837-AV-5	ING GROEP NV SERIES VAR 1.726% 04/01/27	D.	.03/24/2021	GOLDMAN SACHS & COMPANY		5,000,000	5,000,000		2.A FE
456837-AW-3	ING GROEP NV 2.727% 04/01/32	D.	.03/24/2021	GOLDMAN SACHS & COMPANY		2,350,000	2,350,000		2.A FE
55608J-AR-9	MACQUARIE GROUP LTD SERIES 144A 1.340% 01/12/27	D.	.01/05/2021	GOLDMAN SACHS & COMPANY		9,000,000	9,000,000		2.A FE
632525-AW-1	NATIONAL AUSTRALIA BANK SERIES 144A 2.648% 01/14/41	D.	.01/05/2021	GOLDMAN SACHS & COMPANY		17,150,000	17,150,000		2.A FE
64134J-AA-1	NEUBERGER BERMAN CLO LTD SERIES 2021-40A CLASS A 144A 1.301% 04/15/33	D.	.01/27/2021	CREDIT SUISSE SECURITIES US LL		1,750,000	1,750,000		1.A FE
82620K-BE-2	SIEMENS FINANCIERINGSMAT SERIES 144A 2.150% 03/11/31	D.	.03/02/2021	MORGAN STANLEY & CO. INC.		4,993,300	5,000,000		1.E FE
902613-AE-8	UBS GROUP AG SERIES 144A 2.095% 02/11/32	D.	.02/02/2021	U.S. BANCORP LIBRA		5,000,000	5,000,000		1.G FE
8399999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)						508,448,705	500,713,000	950,120	XXX
8399997. Total - Bonds - Part 3						527,584,143	519,848,438	950,120	XXX
8399998. Total - Bonds - Part 5						XXX	XXX	XXX	XXX
8399999. Total - Bonds									
8999997. Total - Preferred Stocks - Part 3						527,584,143	519,848,438	950,120	XXX
8999998. Total - Preferred Stocks - Part 5							XXX		XXX
8999999. Total - Preferred Stocks						XXX	XXX	XXX	XXX
9799997. Total - Common Stocks - Part 3							XXX		XXX
9799998. Total - Common Stocks - Part 5						XXX	XXX	XXX	XXX
9799999. Total - Common Stocks							XXX		XXX
9899999. Total - Preferred and Common Stocks							XXX		XXX
9999999 - Totals						527,584,143	XXX	950,120	XXX

STATEMENT AS OF MARCH 31, 2021 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		02/15/2021	Call 100.0000		90,000	90,000	90,000	90,000						90,000				1,544	08/15/2036	1.A
228027-AB-4	VESSEL MANAGEMENT SERVIC US GOVT GUARANT 3.477% 01/16/37		01/16/2021	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		02/12/2021	Redemption 100.0000		544,468	544,468	544,468	544,468						544,468				3,602	05/12/2026	1.A
29766D-AG-9	ETHIOPIAN LEASING 2012 US GOVT GUARANT 2.566% 08/14/26		02/14/2021	Redemption 100.0000		219,148	219,148	219,148	219,148						219,148				1,406	08/14/2026	1.A
30217T-AA-0	EXPORT LEASE TEN CO LLC US GOVT GUARANT 1.650% 05/07/25		02/07/2021	Redemption 100.0000		85,515	85,515	81,887	83,952		1,562		1,562		85,515				353	05/07/2025	1.A
361744-PJ-1	GN A04025 3.700% 10/15/33		03/01/2021	Paydown		116,863	116,863	120,369	119,390		(2,527)		(2,527)		116,863				721	10/15/2033	1.A
361708-L6-7	GNMA POOL BX3949 1.730% 07/15/37		03/01/2021	Paydown		376,692	376,692	377,163	377,149		(457)		(457)		376,692				1,087	07/15/2037	1.A
36170U-LJ-0	GNMA POOL BZ0329 1.650% 07/15/42		03/01/2021	Paydown		302,565	302,565	302,659	302,658		(94)		(94)		302,565				833	07/15/2042	1.A
36181R-SZ-4	GN AF9864 4.250% 09/15/38		03/01/2021	Paydown		318,245	318,245	347,695	346,933		(28,688)		(28,688)		318,245				2,257	09/15/2038	1.A
367333-AD-3	GATE CAPITAL CAYMAN TWO US GOVT GUARANT 2.637% 12/02/21		03/02/2021	Redemption 100.0000		314,497	314,497	314,497	314,497						314,497				2,073	12/02/2021	1.A
49549C-AA-6	KING INTL LEASING LLC US GOVT GUARANT 2.754% 10/15/22		01/15/2021	Redemption 100.0000		196,575	196,575	196,575	196,575						196,575				1,353	10/15/2022	1.A
59280P-AA-9	MEXICAN AIR FINANCE IV US GOVT GUARANT 2.537% 07/13/25		01/13/2021	Redemption 100.0000		322,536	322,536	322,536	322,536						322,536				2,046	07/13/2025	1.A
690353-XM-4	OVERSEAS PRIVATE INV COR US GOVT GUARANT 3.590% 12/15/30		03/15/2021	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		03/15/2021	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		02/15/2021	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		02/15/2021	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 0.591% 04/15/25		01/15/2021	Redemption 100.0000		125,000	125,000	123,125	124,194		806		806		125,000				187	04/15/2025	1.A
746388-AA-5	PURPLE CHEN 2011 LLC US GOVT GUARANT 2.735% 08/01/23		02/01/2021	Redemption 100.0000		580,567	580,567	580,567	580,567						580,567				3,970	08/01/2023	1.A
797224-AB-8	SAN CLEMENTE LEASING LLC US GOVT GUARANT 3.350% 06/07/22		03/07/2021	Redemption 100.0000		99,523	99,523	99,523	99,523						99,523				834	06/07/2022	1.A
797224-AC-6	SAN CLEMENTE LEASING LLC US GOVT GUARANT 3.030% 11/22/22		02/22/2021	Redemption 100.0000		157,845	157,845	157,845	157,845						157,845				1,196	11/22/2022	1.A
79977T-AA-7	SANDALWOOD 2013 LLC US GOVT GUARANT 2.836% 07/10/25		01/10/2021	Redemption 100.0000		379,910	379,910	379,910	379,910						379,910				2,694	07/10/2025	1.A
79977T-AB-5	SANDALWOOD 2013 LLC US GOVT GUARANT 2.897% 07/10/25		01/10/2021	Redemption 100.0000		335,215	335,215	335,215	335,215						335,215				2,428	07/10/2025	1.A
805649-AA-8	SAYARRA LTD US GOVT GUARANT 2.774% 10/29/21		01/29/2021	Redemption 100.0000		265,099	265,099	265,099	265,099						265,099				1,838	10/29/2021	1.A
876780-AA-5	TAYARRA LTD US GOVT GUARANT 3.628% 02/15/22		02/15/2021	Redemption 100.0000		125,437	125,437	125,437	125,437						125,437				1,138	02/15/2022	1.A
89609G-AA-0	TRICAHUE LEASING LLC US GOVT GUARANT 3.503% 11/19/21		02/19/2021	Redemption 100.0000		123,002	123,002	123,002	123,002						123,002				1,077	11/19/2021	1.A
89609G-AB-8	TRICAHUE LEASING LLC US GOVT GUARANT 3.744% 02/26/22		02/26/2021	Redemption 100.0000		92,837	92,837	92,837	92,837						92,837				869	02/26/2022	1.A
90373R-AA-8	ULANI MSN 35940 LLC US GOVT GUARANT 2.227% 05/16/25		02/16/2021	Redemption 100.0000		208,333	208,333	208,333	208,333						208,333				1,160	05/16/2025	1.A
92242V-AB-2	VOK LEASE SA US GOVT GUARANT 2.591% 07/24/26		01/24/2021	Redemption 100.0000		440,005	440,005	440,005	440,005						440,005				2,850	07/24/2026	1.A
98913L-AB-9	ZARAPI TO LEASING LLC US GOVT GUARANT 2.628% 11/12/26		02/12/2021	Redemption 100.0000		208,184	208,184	208,184	208,184						208,184				1,368	11/12/2026	1.A

STATEMENT AS OF MARCH 31, 2021 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
0599999	Subtotal - Bonds - U.S. Governments					7,828,772	7,828,772	7,856,790	7,858,168		(29,398)		(29,398)		7,828,772				61,946	XXX	XXX
14440P-AA-1	CARPINTERO FINANCE LTD GOVT GTD. 2.004% 09/18/24	D	01/16/2021	Redemption 100.0000		(177)	(177)	(177)	(177)						(177)				(1)	09/18/2024	1.
14440P-AA-1	CARPINTERO FINANCE LTD GOVT GTD. 2.004% 09/18/24	D	03/18/2021	Redemption 100.0000		227,376	227,376	227,376	227,376						227,376				1,139	09/18/2024	1.A
1099999	Subtotal - Bonds - All Other Governments					227,199	227,199	227,199	227,199						227,199				1,138	XXX	XXX
3133KY-SV-2	FHLMC POOL RB5032 2.500% 02/01/40		03/01/2021	Paydown		3,161,317	3,161,317	3,220,591	3,217,885		(56,568)		(56,568)		3,161,317				13,326	02/01/2040	1.A
31359U-PG-4	FNW 1998-W2 B1 SUB 6.500% 06/25/28		03/01/2021	Paydown		29,441	29,441	28,181	28,696		745		745		29,441				308	06/25/2028	1.A
31359U-PH-2	FNW 1998-W2 B2 SUB 6.500% 06/25/28		03/01/2021	Paydown		29,441	29,441	27,748	28,457		984		984		29,441				308	06/25/2028	1.A
3136A1-T3-9	FNR 2011-115 MB PAC-11 2.500% 11/25/26		03/01/2021	Paydown		467,818	467,818	475,127	472,077		(4,259)		(4,259)		467,818				2,064	11/25/2026	1.A
3136AA-A2-1	FNR 2012-133 NA PAC-11 1.500% 05/25/42		03/01/2021	Paydown		296,414	296,414	295,766	295,848		567		567		296,414				752	05/25/2042	1.A
	FNR 2012-138 QA EXCH PAC-11 2.000% 11/25/42																				
3136AA-FR-1			03/01/2021	Paydown		497,206	497,206	507,694	505,895		(8,689)		(8,689)		497,206				1,647	11/25/2042	1.A
3136AG-JV-5	FNR 2013-94 CA EXCH SEQ 3.500% 08/25/38		03/01/2021	Paydown		454,026	454,026	473,002	457,063		(3,037)		(3,037)		454,026				2,727	08/25/2038	1.A
3136AS-SM-4	FNR 2016-53 GA SEQ 3.500% 12/25/43		03/01/2021	Paydown		410,419	410,419	435,461	424,403		(13,983)		(13,983)		410,419				2,298	12/25/2043	1.A
3136AS-OR-0	FNR 2016-37 MJ EXCH SEQ 3.500% 08/25/43		03/01/2021	Paydown		506,977	506,977	536,921	522,086		(15,109)		(15,109)		506,977				2,737	08/25/2043	1.A
	FNR 2017-67 BN EXCH AD SEQ 3.000% 02/25/44																				
3136AX-W2-8			03/01/2021	Paydown		432,789	432,789	441,783	440,050		(7,262)		(7,262)		432,789				2,606	02/25/2044	1.A
3136AX-TU-9	FNR 2017-62 AB EXCH PAC 3.000% 08/25/45		03/01/2021	Paydown		1,354,066	1,354,066	1,388,341	1,380,621		(26,555)		(26,555)		1,354,066				7,244	08/25/2045	1.A
3136B2-XP-2	FNR 2018-58 P AD PAC 4.000% 12/25/44		03/01/2021	Paydown		1,088,691	1,088,691	1,121,692	1,117,210		(28,519)		(28,519)		1,088,691				7,246	12/25/2044	1.A
	Redemption 100.0000																				
3136B7-3Z-2	FANNIE MAE FANNIE MAE 3.500% 11/01/49		03/01/2021	Paydown		1,395,664	1,395,664	1,444,512	1,440,345		(44,681)		(44,681)		1,395,664				5,833	11/01/2049	1.A
3137AG-R3-6	FHR 3935 GA EXCH PAC-11 3.000% 10/15/26		03/01/2021	Paydown		285,047	285,047	297,117	292,472		(7,425)		(7,425)		285,047				1,493	10/15/2026	1.A
3137AG-UM-0	FHR 3940 CB SCH-11 3.000% 01/15/25		03/01/2021	Paydown		327,317	327,317	340,921	334,949		(7,633)		(7,633)		327,317				1,500	01/15/2025	1.A
3137AJ-CP-7	FHR 3958 PA PAC-11 3.000% 11/15/26		03/01/2021	Paydown		277,418	277,418	289,110	284,865		(7,447)		(7,447)		277,418				1,780	11/15/2026	1.A
3137BA-D6-6	FHR 4323 CA EXCH SEQ 4.000% 03/15/40		03/01/2021	Paydown		1,533,955	1,533,955	1,623,117	1,566,116		(32,161)		(32,161)		1,533,955				9,813	03/15/2040	1.A
3137BM-ZE-9	FHR 4550 GA SEQ 3.000% 10/15/41		03/01/2021	Paydown		1,715,024	1,715,024	1,783,357	1,740,741		(25,717)		(25,717)		1,715,024				8,124	10/15/2041	1.A
3137BN-E8-3	FHR 4565 DM EXCH SEQ 3.000% 02/15/42		03/01/2021	Paydown		980,920	980,920	1,016,479	998,196		(17,276)		(17,276)		980,920				4,643	02/15/2042	1.A
3137BR-E3-5	FHR 4607 A EXCH SEQ 3.000% 11/15/40		03/01/2021	Paydown		969,566	969,566	1,007,136	984,279		(14,713)		(14,713)		969,566				4,711	11/15/2040	1.A
3137BS-OP-5	FHR 4622 GA SEQ 3.000% 05/15/41		03/01/2021	Paydown		819,859	819,859	838,306	828,372		(8,513)		(8,513)		819,859				4,022	05/15/2041	1.A
3137BS-OS-9	FHR 4622 HA SEQ 3.000% 11/15/43		03/01/2021	Paydown		606,006	606,006	634,412	622,988		(16,983)		(16,983)		606,006				3,062	11/15/2043	1.A
3137BS-E7-4	FHR 4622 JA SEQ 3.000% 12/15/42		03/01/2021	Paydown		915,260	915,260	953,586	938,476		(23,216)		(23,216)		915,260				4,490	12/15/2042	1.A
3137BS-UB-7	FHR 4628 BA EXCH SEQ 3.000% 05/15/41		03/01/2021	Paydown		881,735	881,735	898,268	888,761		(7,026)		(7,026)		881,735				4,326	05/15/2041	1.A
3137BW-2C-7	FHR 4671 CA EXCH SEQ 3.500% 08/15/43		03/01/2021	Paydown		279,132	279,132	289,163	284,942		(5,810)		(5,810)		279,132				1,617	08/15/2043	1.A
3137BX-CX-8	FHR 4673 KA EXCH SEQ 3.500% 08/15/42		03/01/2021	Paydown		2,219,812	2,219,812	2,298,893	2,255,115		(35,303)		(35,303)		2,219,812				12,460	08/15/2042	1.A
3137F1-4B-1	FHR 4690 OA EXCH SEQ 3.500% 05/15/44		03/01/2021	Paydown		1,188,537	1,188,537	1,224,193	1,211,165		(22,628)		(22,628)		1,188,537				6,667	05/15/2044	1.A
3137F1-5E-4	FHR 4690 IA EXCH SEQ 3.500% 12/15/43		03/01/2021	Paydown		2,344,070	2,344,070	2,421,718	2,392,784		(48,714)		(48,714)		2,344,070				14,319	12/15/2043	1.A
3137F3-QV-9	FHR 4764 DA EXCH SEQ 4.000% 07/15/45		03/01/2021	Paydown		1,234,385	1,234,385	1,263,316	1,255,227		(20,842)		(20,842)		1,234,385				8,263	07/15/2045	1.A
3137F4-DB-5	FHR 4778 BA EXCH SEQ 4.000% 09/15/45		03/01/2021	Paydown		1,342,048	1,342,048	1,373,921	1,363,088		(21,040)		(21,040)		1,342,048				8,572	09/15/2045	1.A
3137F4-S7-8	FHR 4776 IA EXCH SEQ 4.000% 07/15/45		03/01/2021	Paydown		868,864	868,864	888,957	883,057		(14,193)		(14,193)		868,864				5,686	07/15/2045	1.A
3137FA-E7-9	FHR 4708 B EXCH SEQ 3.500% 10/15/44		03/01/2021	Paydown		2,042,109	2,042,109	2,114,221	2,090,034		(47,925)		(47,925)		2,042,109				11,372	10/15/2044	1.A
3137FB-D3-7	FHR 4728 A EXCH SEQ 3.500% 02/15/45		03/01/2021	Paydown		1,238,608	1,238,608	1,280,943	1,267,723		(29,115)		(29,115)		1,238,608				6,897	02/15/2045	1.A
3137FB-HU-3	FHR 4725 OT EXCH SEQ 3.500% 01/15/45		03/01/2021	Paydown		2,073,560	2,073,560	2,143,056	2,122,097		(48,537)		(48,537)		2,073,560				11,547	01/15/2045	1.A
3137FC-S9-6	FHR 4749 GA SEQ 3.500% 10/15/44		03/01/2021	Paydown		1,004,336	1,004,336	1,020,186	1,015,054		(10,718)		(10,718)		1,004,336				5,568	10/15/2044	1.A
3137FD-6W-7	FHR 4748 YA EXCH SEQ 3.500% 09/15/44		03/01/2021	Paydown		2,056,607	2,056,607	2,104,809	2,087,438		(30,831)		(30,831)		2,056,607				11,442	09/15/2044	1.A
3137FG-SK-2	FHR 4814 BA EXCH SC PT 4.500% 07/15/48		03/01/2021	Paydown		319,273	319,273	330,048	325,866		(6,593)		(6,593)		319,273				2,218	07/15/2048	1.A
3138EL-N8-2	FNMA AL4014 3.500% 07/01/43		03/01/2021	Paydown		376,122	376,122	401,686	399,938		(23,816)		(23,816)		376,122				2,202	07/01/2043	1.A
31392J-LN-7	FNR 2003-15 PG PAC-11 5.500% 03/25/33		03/01/2021	Paydown		17,170	17,170	16,827	16,827						17,170				185	03/25/2033	1.A
31394Y-2B-9	FNR 2800 DZ Z SEQ 5.500% 05/15/34		03/01/2021	Paydown		81,021	81,021	87,577	75,887		5,134		5,134		81,021				733	05/15/2034	1.A
31395D-CQ-0	FNR 2006-41 ZV Z SEQ 6.000% 05/25/36		03/01/2021	Paydown		146,947	146,947	143,894	145,558		1,390		1,390		146,947				1,208	05/25/2036	1.A
31395E-FK-5	FNR 2840 ZH Z SEQ 5.000% 08/15/34		03/01/2021	Paydown		44,992	44,992	38,018	42,863		2,130		2,130		44,992				395	08/15/2034	1.A
31395N-GE-1	FNR 2006-45 AN SEQ 6.000% 06/25/26		03/01/2021	Paydown		103,098	103,098	102,100	102,418		681		681		103,098				832	06/25/2026	1.A
31396G-L8-2	FHR 3101 PE PAC-1-11 5.500% 01/15/36		03/01/2021	Paydown		75,759	75,759	74,634	75,176		583		583		75,759				673	01/15/2036	1.A
31397E-W5-0	FHR 3280 ME PAC-1-11 5.500% 02/15/37		03/01/2021	Paydown		99,267	99,267	97,980	98,788		479		479		99,267				928	02/15/2037	1.A

STATEMENT AS OF MARCH 31, 2021 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-ign	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
31397J-MR-2	FHR 3341 B SEQ 6.000% 07/15/37		03/01/2021	Paydown		1,104	1,104	1,054	1,063		41		41		1,104				9	07/15/2037	1.A
31397U-RC-5	FNR 2011-53 TN EXCH PT 4.000% 06/25/41		03/01/2021	Paydown		398,495	398,495	420,167	418,159		(19,665)		(19,665)		398,495				2,589	06/25/2041	1.A
3140J9-YB-1	FNMA BMS205 4.000% 06/01/45		03/01/2021	Paydown		647,634	647,634	671,819	670,717		(23,083)		(23,083)		647,634				4,514	06/01/2045	1.A
31418D-FN-7	FNMA POOL MA3772 3.500% 09/01/39		03/01/2021	Paydown		1,506,413	1,506,413	1,561,726	1,559,097		(52,684)		(52,684)		1,506,413				8,688	09/01/2039	1.A
31418D-GJ-5	FNMA POOL MA3800 3.000% 10/01/39		03/01/2021	Paydown		1,599,116	1,599,116	1,639,094	1,637,140		(38,024)		(38,024)		1,599,116				7,397	10/01/2039	1.A
31418D-HJ-4	FNMA POOL MA3832 3.500% 11/01/39		03/01/2021	Paydown		1,664,274	1,664,274	1,729,804	1,727,268		(62,995)		(62,995)		1,664,274				10,027	11/01/2039	1.A
31418D-JP-8	FNMA POOL MA3869 3.500% 12/01/39		03/01/2021	Paydown		1,461,154	1,461,154	1,520,513	1,517,877		(56,723)		(56,723)		1,461,154				8,133	12/01/2039	1.A
31418D-LP-5	FNMA POOL MA3933 2.500% 02/01/40		03/01/2021	Paydown		3,125,832	3,125,832	3,170,766	3,168,697		(42,865)		(42,865)		3,125,832				12,896	02/01/2040	1.A
31418D-MP-4	FNMA POOL MA3965 2.500% 03/01/40		03/01/2021	Paydown		3,239,593	3,239,593	3,283,125	3,280,950		(41,357)		(41,357)		3,239,593				13,301	03/01/2040	1.A
31418D-P4-8	FNMA POOL MA4042 2.000% 06/01/35		03/01/2021	Paydown		2,353,337	2,353,337	2,426,144	2,423,786		(70,448)		(70,448)		2,353,337				7,917	06/01/2035	1.A
31418D-Q2-1	FNMA POOL MA4072 2.500% 07/01/40		03/01/2021	Paydown		2,426,542	2,426,542	2,521,708	2,519,457		(92,916)		(92,916)		2,426,542				10,528	07/01/2040	1.A
31418D-Q4-7	FNMA POOL MA4074 2.000% 07/01/35		03/01/2021	Paydown		2,567,453	2,567,453	2,646,884	2,644,386		(76,933)		(76,933)		2,567,453				8,537	07/01/2035	1.A
31418D-QG-0	FNMA POOL MA4054 2.500% 06/01/40		03/01/2021	Paydown		2,681,843	2,681,843	2,787,022	2,784,454		(102,611)		(102,611)		2,681,843				11,348	06/01/2040	1.A
31418D-TJ-1	FNMA POOL MA4152 2.000% 09/01/40		03/01/2021	Paydown		833,038	833,038	862,400	862,027		(28,988)		(28,988)		833,038				3,099	09/01/2040	1.A
31418D-U5-9	FNMA POOL MA4203 2.500% 11/01/40		03/01/2021	Paydown		404,114	404,114	423,092	422,963		(18,849)		(18,849)		404,114				1,713	11/01/2040	1.A
31418D-UA-8	FNMA POOL MA4176 2.000% 10/01/40		03/01/2021	Paydown		518,026	518,026	536,480	536,249		(18,224)		(18,224)		518,026				1,865	10/01/2040	1.A
57586N-3B-5	MASSACHUSETTS ST HSG FIN AGY Massachusetts Housing Fin 4.62 4.621% 12/01/38		03/01/2021	Call 100.0000		45,000	45,000	45,000	45,000						45,000				520	12/01/2038	1.C FE
57586N-3C-3	MASSACHUSETTS ST HSG FIN AGY Massachusetts Housing Fin 4.72 4.721% 06/01/40		03/01/2021	Call 100.0000		15,000	15,000	15,000	15,000						15,000				177	06/01/2040	1.C FE
69848A-AA-6	PANHANDLE TX ECON DEV CORP LEA Panhandle Economic Develo 3.98 3.985% 07/15/48		01/15/2021	Redemption 100.0000		44,961	44,961	45,603	45,554		(593)		(593)		44,961				896	07/15/2048	1.E FE
3199999	Subtotal - Bonds - U.S. Special Revenues					64,125,022	64,125,022	66,081,853	65,601,740		(1,476,718)		(1,476,718)		64,125,022				324,998	XXX	XXX
00912X-AZ-7	AIR LEASE CORP SR UNSEC 2.500% 03/01/21		03/01/2021	Maturity		2,600,000	2,600,000	2,583,906	2,599,134		866		866		2,600,000				32,500	03/01/2021	2.B FE
054561-AC-9	AXA EQUITABLE HOLDINGS I SR UNSEC 3.900%		04/20/23	Call 107.5332		1,490,410	1,386,000	1,384,229	1,385,045		40		40		1,385,086		914	914	120,476	04/20/2023	2.B FE
05607U-AA-7	BXGNT 2018-A A SEQ 3.770% 02/02/34		03/02/2021	Paydown		188,220	188,220	188,173	188,182		38		38		188,220				1,182	02/02/2034	1.A FE
10373Q-AG-5	BP CAP MARKETS AMERICA CO.GUARNT 4.742% 03/11/21		03/11/2021	Maturity		15,000,000	15,000,000	15,385,848	15,033,885		(33,885)		(33,885)		15,000,000				355,650	03/11/2021	1.F FE
10373Q-AU-4	BP CAP MARKETS AMERICA CO.GUARNT 2.112% 09/16/21		03/11/2021	RBC DAIN RAUSCHER INC.		5,038,000	5,000,000	4,848,693	4,960,108		10,670		10,670		4,970,779		67,221	67,221	51,333	09/16/2021	1.F FE
110122-CM-8	BRISTOL MYERS SQUIBB CO SERIES W1 2.900% 07/26/24		02/18/2021	TENDER SALE		804,195	778,000	775,652	775,914		81		81		775,994		28,201	28,201	12,973	07/26/2024	1.F FE
110122-CZ-9	02/20/23 BURLINGTN NORTH SANTA FE SR UNSEC 4.100%		03/09/2021	Call 105.4870		200,425	190,000	194,612	193,806		(323)		(323)		193,483		(3,483)	(3,483)	13,839	02/20/2023	1.F FE
12189L-AD-3	06/01/21 BURLINGTN NO SF 04-1 TR PT CERTS 4.575%		03/01/2021	Call 100.0000		10,000,000	10,000,000	9,956,700	9,997,845		842		842		9,998,687		1,313	1,313	102,500	06/01/2021	1.E FE
12200B-AA-6	01/15/21 CAPITAL AUTOMOTIVE REIT SERIES 2020-1A CLASS		01/15/2021	Redemption 100.0000		78,298	78,298	77,701	78,290		8		8		78,298				1,791	01/15/2021	1.C FE
12510H-AB-6	A2 144A 3.030% 02/15/50		03/15/2021	Paydown		41,734	41,734	41,727	41,728		6		6		41,734				212	02/15/2050	1.A FE
125523-BR-0	CIGNA CORP NEW GLBL NT 3.900% 02/15/22		03/18/2021	Call 103.0871		3,195,701	3,100,000	3,175,029	3,153,796		(9,722)		(9,722)		3,144,073		(44,073)	(44,073)	167,233	02/15/2022	2.B FE
14040H-BY-0	04/30/21 CAPITAL ONE FINANCIAL CO SR UNSEC 3.450%		03/30/2021	Call 100.0000		10,000,000	10,000,000	9,991,200	9,998,999		740		740		9,999,739		261	261	143,750	04/30/2021	2.A FE
14576A-AA-0	01/15/21 CAPITAL AUTOMOTIVE LP SERIES 2020-1A CLASS A1		03/15/2021	Paydown		15,000	15,000	14,994	14,994		6		6		15,000				51	12/15/2050	1.A FE
233050-AC-7	144A 2.010% 12/15/50		02/01/2021	Paydown		635,358	635,358	641,672	634,573		786		786		635,358				3,762	11/10/2046	1.D FM
233050-AF-0	DBUBS 2011-LC1A B SUB AFC 5.471% 11/10/46		02/01/2021	Paydown		7,746,500	7,746,500	8,709,668	7,737,026		9,474		9,474		7,746,500				70,635	11/10/2046	1.D FM
23305X-AD-3	DBUBS 2011-LC2A A4 SEQ 4.537% 07/10/44		03/01/2021	Paydown		8,141,855	8,141,855	8,910,243	8,162,498		(20,643)		(20,643)		8,141,855				44,998	07/10/2044	1.D FM
252722-AA-1	DROT 2019-1A A SEQ 2.890% 02/20/32		03/20/2021	Paydown		92,207	92,207	92,459	92,427		(220)		(220)		92,207				443	02/20/2032	1.A FE
252724-AA-7	DROT 2018-1 A SEQ 3.700% 01/21/31		03/20/2021	Paydown		213,289	213,289	213,286	213,287		2		2		213,289				1,357	01/21/2031	1.A FE
29379V-BP-7	02/15/21 ENTERPRISE PRODUCTS OPER CO.GUARNT 2.800%		02/15/2021	Maturity		5,475,000	5,475,000	5,472,044	5,474,875		125		125		5,475,000				76,650	02/15/2021	2.A FE
30259M-AA-4	FCITL 2019-1A A SEQ 3.630% 02/18/31		03/15/2021	Paydown		285,162	285,162	285,113	285,128		35		35		285,162				1,639	02/18/2031	1.A FE

STATEMENT AS OF MARCH 31, 2021 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
31620M-AY-2	FIDELITY NATIONAL INFORM SR UNSEC 4.250% 05/15/28		03/08/2021	TENDER SALE		4,498,149	4,051,000	4,027,345	4,032,043		413		413		4,032,456		465,693	465,693	54,998	05/15/2028	2.B FE
34530U-AA-9	FORDR 2016-1 A SEQ 2.310% 08/15/27		02/15/2021	Paydown		5,000,000	5,000,000	5,130,273	5,021,025		(21,025)		(21,025)		5,000,000				19,250	08/15/2027	1.A FE
375558-AQ-6	GILEAD SCIENCES INC SR UNSEC 4.500% 04/01/21		01/01/2021	Call 100.0000		5,000,000	5,000,000	4,957,100	4,998,695						4,998,695		1,305	1,305	56,250	04/01/2021	2.A FE
38141G-VU-5	GOLDMAN SACHS GROUP INC SR UNSEC 2.625% 04/25/21		03/25/2021	Call 100.0000		3,400,000	3,400,000	3,397,790	3,399,853		107		107		3,399,960		40	40	37,188	04/25/2021	2.A FE
42770L-AA-1	HERO 2015-1A A SEQ 3.840% 09/21/40		03/20/2021	Paydown		110,823	110,823	110,773	110,801		23		23		110,823				737	09/21/2040	1.A FE
42771A-AA-4	HERO 2017-3A A1 SEQ 3.190% 09/20/48		03/20/2021	Paydown		147,097	147,097	147,047	147,053		44		44		147,097				700	09/20/2048	1.A FE
42771L-AB-8	HERO 2017-2A A1 SEQ 3.280% 09/20/48		03/20/2021	Paydown		84,258	84,258	84,247	84,258		9		9		84,258				423	09/20/2048	1.A FE
43284B-AA-0	HGVT 2018-AA A SEQ 3.540% 02/25/32		03/25/2021	Paydown		93,787	93,787	93,757	93,764		23		23		93,787				544	02/25/2032	1.A FE
44932H-AB-9	IBM CREDIT LLC SR UNSEC 1.800% 01/20/21		01/20/2021	Maturity		8,000,000	8,000,000	7,993,440	7,999,738		262		262		8,000,000				72,000	01/20/2021	1.F FE
46647S-AJ-9	JPMIT 2017-3 1A5 EXCH AFC SEQ SSNR 3.500% 08/25/47		03/01/2021	Paydown		740,433	740,433	752,234	743,558		(3,125)		(3,125)		740,433				3,484	08/25/2047	1.D FM
46648H-AE-3	JPMIT 2017-2 A5 EXCH AFC SEQ SSNR 3.500% 05/25/47		03/01/2021	Paydown		539,628	539,628	527,824	532,045		7,583		7,583		539,628				2,949	05/25/2047	1.D FM
46648U-AE-4	JPMIT 2017-4 A5 EXCH AFC SEQ SSNR 3.500% 11/25/48		03/01/2021	Paydown		1,563,662	1,563,662	1,544,605	1,556,251		7,411		7,411		1,563,662				8,641	11/25/2048	1.D FM
46649K-AC-9	JP MORGAN MORTGAGE TRUST SERIES 2018-5 CLASS A3 144A 3.500% 10/25/48		03/01/2021	Paydown		2,075,060	2,075,060	2,113,319	2,104,204		(29,145)		(29,145)		2,075,060				11,621	10/25/2048	1.D FM
50077L-AK-2	KRAFT HEINZ FOODS CO CO GUARNT 3.950% 07/15/25		01/12/2021	INC		2,180,000	2,000,000	1,997,616	1,998,713		9		9		1,998,722		181,278	181,278	39,281	07/15/2025	3.A FE
501044-CX-7	KROGER CO SR UNSEC 3.300% 01/15/21		01/15/2021	Maturity		5,000,000	5,000,000	4,987,750	4,999,927		73		73		5,000,000				82,500	01/15/2021	2.A FE
52521R-AS-0	LMT 2007-5 2A3 FLT SSNR AS 0.439% 06/25/37		03/25/2021	Paydown		5,169	3,164	196	196		4,849		4,849		5,045		124	124	2	06/25/2037	1.D FM
55315X-AD-3	MMAF 2017-AA A4 SEQ 2.410% 08/16/24		03/16/2021	Paydown		1,908,843	1,908,843	1,908,386	1,908,725		117		117		1,908,843				7,216	08/16/2024	1.A FE
553896-AA-9	MVIOT 2017-1A A SEQ 2.420% 12/20/34		03/20/2021	Paydown		227,146	227,146	225,356	225,753		1,393		1,393		227,146				905	12/20/2034	1.A FE
55400D-AA-9	MVIOT SERIES 2019-2A CLASS A 144A 2.220% 10/20/38		03/20/2021	Paydown		782,898	782,898	769,920	770,721		12,178		12,178		782,898				3,026	10/20/2038	1.A FE
56585A-AD-4	MARATHON PETROLEUM CORP SR UNSEC 5.125% 03/01/21		03/01/2021	Maturity		1,500,000	1,500,000	1,499,421	1,499,990		10		10		1,500,000				38,438	03/01/2021	2.B FE
58933Y-AA-3	MERCK & CO INC SR UNSEC 3.875% 01/15/21		01/15/2021	Maturity		10,000,000	10,000,000	9,969,800	9,999,866		134		134		10,000,000				193,750	01/15/2021	1.E FE
609207-AS-4	MONDELEZ INTERNATIONAL 2.125% 04/13/23		03/31/2021	Call 103.2630		1,858,734	1,800,000	1,795,842	1,796,816		333		333		1,797,149		2,851	2,851	76,584	04/13/2023	2.B FE
62848B-AA-9	MVIOT 2018-1A A SEQ 3.450% 01/21/36		03/20/2021	Paydown		380,859	380,859	380,931	380,918		(59)		(59)		380,859				2,087	01/21/2036	1.A FE
63935B-AA-1	NAVIENT STUDENT LOAN TRUST SERIES 2020-HA CLASS A 144A 1.310% 01/15/69		03/15/2021	Paydown		359,492	359,492	359,461	359,462		30		30		359,492				1,105	01/15/2069	1.A FE
63941L-AB-9	NAVL 2019-BA A2A SEQ 3.390% 12/15/59		03/15/2021	Paydown		16,009	16,009	16,008	16,009		1		1		16,009				136	12/15/2059	1.A FE
655044-AG-0	NOBLE ENERGY INC SR UNSEC 5.250% 11/15/43		01/01/2021	Taxable Exchange		15,766,971	11,000,000	10,937,300	10,944,913		17		17		10,944,930		4,822,041	4,822,041	81,813	11/15/2043	2.C FE
67181D-AA-9	OAK STREET INVESTMENT GRADE SERIES 2020-1A CLASS A1 144A 1.850% 10/20/50		03/20/2021	Paydown		34,878	34,878	34,877	34,877		1		1		34,878				52	10/20/2050	1.A FE
67190A-AA-4	OAK STREET INVESTMENT GRADE SERIES 2021-1A CLASS A1 144A 1.480% 01/20/51		03/20/2021	Paydown		21,778	21,778	21,775	21,775		3		3		21,778				34	01/20/2051	1.A FE
67190A-AB-2	OAK STREET INVESTMENT GRADE SERIES 2021-1A CLASS A2 144A 1.930% 01/20/51		03/20/2021	Paydown		8,711	8,711	8,710	8,710		1		1		8,711				18	01/20/2051	1.A FE
68267B-AA-8	ONEMAIN FINANCIAL ISSUANCE T SERIES 2018-1A CLASS A 144A 3.300% 03/14/29		03/14/2021	Paydown		9,441	9,441	9,545	9,512		(71)		(71)		9,441				78	03/14/2029	1.A FE
744573-AL-0	PUBLIC SERVICE ENTERPRIS SR UNSEC 2.650% 11/15/22		03/11/2021	CANTOR FITZGERALD & CO.		5,170,600	5,000,000	4,993,650	4,997,547		248		248		4,997,795		172,805	172,805	43,063	11/15/2022	2.B FE
78448W-AB-1	SMB 2017-A A2A SEQ 2.880% 09/15/34		03/15/2021	Paydown		134,638	134,638	134,591	134,605		34		34		134,638				657	09/15/2034	1.A FE
78449K-AB-6	SMB 2016-C A2A SEQ 2.340% 09/15/34		03/15/2021	Paydown		219,970	219,970	217,134	218,533		1,437		1,437		219,970				890	09/15/2034	1.A FE
78449L-AB-4	SMB 2018-B A2A SEQ 3.600% 01/15/37		03/15/2021	Paydown		490,838	490,838	499,880	498,528		(7,690)		(7,690)		490,838				2,908	01/15/2037	1.A FE
78470R-AC-1	SOFT 2016-E A2B SEQ 2.490% 01/25/36		03/25/2021	Paydown		702,060	702,060	700,339	701,416		644		644		702,060				2,983	01/25/2036	1.A FE
81745A-AB-3	SEQUOIA MORTGAGE TRUST SERIES 2013-5 CLASS A2 144A 3.000% 05/25/43		03/01/2021	Paydown		1,759,139	1,759,139	1,786,088	1,784,850		(25,712)		(25,712)		1,759,139				8,275	05/25/2043	1.D FM

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SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	For- eign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consid- eration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor- tization)/ Accretion	Current Year's Other Than Temporary Impairment Recogn- ized	Total Change in Book/ Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Con- tractual Maturity Date	NAIC Desig- nation, NAIC Desig- nation Modifier and SVO Admini- strative Symbol
81748N-AK-4	SEMT 2016-3 A10 EXCH AFC SEQ SSNR 3.500% 11/25/46		03/01/2021	Paydown		601,358	601,358	590,928	593,416		7,942		7,942		601,358				3,362	11/25/2046	1.D FM
81748K-AG-7	SEQUOIA MORTGAGE TRUST SERIES 2020-2 CLASS A4 144A 3.500% 03/25/50		03/01/2021	Paydown		3,277,935	3,277,935	3,353,225	3,329,274	(51,339)			(51,339)		3,277,935				17,878	03/25/2050	1.D FM
81748M-AD-0	SEQUOIA MORTGAGE TRUST SERIES 2020-1 CLASS A4 144A 3.500% 02/25/50		03/01/2021	Paydown		1,814,229	1,814,229	1,850,797	1,838,877	(24,648)			(24,648)		1,814,229				10,835	02/25/2050	1.D FM
82652M-AA-8	SRFC 2019-2A A SEQ 2.580% 05/20/36		03/20/2021	Paydown		409,215	409,215	409,105	409,122	94			94		409,215				1,701	05/20/2036	1.A FE
	SRFC SERIES 2019-3A CLASS A 144A 2.340% 07/15/38		03/20/2021	Paydown		184,488	184,488	184,485	184,485	3			3		184,488				695	07/15/2038	1.A FE
82652N-AA-6	SRFC 2018-2A A SEQ 3.500% 06/20/35		03/20/2021	Paydown		339,956	339,956	338,325	338,544	1,412			1,412		339,956				1,997	06/20/2035	1.A FE
82653G-AA-0	SRFC 2018-3A A SEQ 3.690% 09/20/35		03/20/2021	Paydown		142,777	142,777	142,072	142,162	616			616		142,777				871	09/20/2035	1.A FE
83189D-AB-6	SMB 2017-B A2A SEQ 2.820% 10/15/35		03/15/2021	Paydown		92,229	92,229	89,795	89,795	1,535			1,535		92,229				434	10/15/2035	1.A FE
83403Y-AB-0	SOFI 2017-B A2FX SEQ 2.740% 05/25/40		03/25/2021	Paydown		601,028	601,028	600,884	600,966	62			62		601,028				2,828	05/25/2040	1.A FE
83404F-AC-8	SOFI 2017-A A2B SEQ 2.400% 03/26/40		03/25/2021	Paydown		336,319	336,319	331,806	334,488	1,831			1,831		336,319				1,376	03/26/2040	1.A FE
83404K-AC-7	SOFI 2017-E A2B SEQ 2.720% 11/26/40		03/25/2021	Paydown		620,802	620,802	610,367	615,659	5,143			5,143		620,802				2,810	11/26/2040	1.A FE
83404L-AC-5	SOFI 2016-D A2B SEQ 2.340% 04/25/33		03/25/2021	Paydown		211,702	211,702	209,362	210,492	1,209			1,209		211,702				882	04/25/2033	1.A FE
83405D-AC-2	SOFI 2017-C A2B SEQ 2.630% 07/25/40		03/25/2021	Paydown		92,485	92,485	92,462	92,485	18			18		92,485				420	07/25/2040	1.A FE
83406E-AC-9	SOFI 2018-A A2B SEQ 2.950% 02/25/42		03/25/2021	Paydown		929,698	929,698	917,811	923,056	6,641			6,641		929,698				4,643	02/25/2042	1.A FE
	SASC 2002-AL1 A3 AS CPT SEQ 3.450% 02/25/32																				
86358R-XZ-5	SASC 2005-2XS 2A1 XRESET FTV FLT DL 0.616% 02/25/35		03/01/2021	Paydown		6,624	6,624	6,624	6,624		1,557		1,557		29,447				173	02/25/2032	5.A FE
86359B-2H-3	TLF 2017-1A A SEQ 3.090% 12/15/29		03/15/2021	Paydown		850,739	850,739	844,358	845,589	5,150			5,150		850,739				6,191	12/15/2029	1.A FE
883556-BF-8	THERMO FISHER SCIENTIFIC SR UNSEC 4.150% 02/01/24		01/15/2021	Call	111.2490	3,448,719	3,100,000	3,091,630	3,097,155	33			33		3,097,187		2,813	2,813	407,326	02/01/2024	2.A FE
	TOTAL SYSTEM SERVICES IN SR UNSEC 3.800%																				
891906-AD-1	UNILEVER CAPITAL CORP CO.GUARNT 4.250% 04/01/21		03/01/2021	Call	100.0000	6,150,000	6,150,000	6,136,224	6,149,269	479			479		6,149,748		252	252	97,375	04/01/2021	2.C FE
904764-AM-9	UNITED PARCEL SERVICE SR UNSEC 3.125% 02/10/21		02/10/2021	Maturity		10,000,000	10,000,000	9,966,100	9,999,553	447			447		10,000,000				212,500	02/10/2021	1.E FE
911312-AM-8	01/15/21		01/15/2021	Maturity		5,000,000	5,000,000	4,966,500	4,999,856	144			144		5,000,000				78,125	01/15/2021	1.G FE
918286-AA-3	VSTNA 2018-A A SEQ 3.560% 02/20/36		03/20/2021	Paydown		580,401	580,401	589,674	588,447	(8,046)			(8,046)		580,401				3,317	02/20/2036	1.A FE
918288-AA-9	VSTNA 2017-A A SEQ 2.330% 03/20/35		03/20/2021	Paydown		151,413	151,413	151,382	151,391	23			23		151,413				564	03/20/2035	1.A FE
92348X-AA-3	VZOT 2018-A A1A SEQ 3.230% 04/20/23		03/20/2021	Paydown		1,344,683	1,344,683	1,344,662	1,344,678	5			5		1,344,683				6,786	04/20/2023	1.A FE
92887K-AD-2	VFET 2017-1A A4 SEQ 2.210% 11/15/21		01/15/2021	Paydown		874,677	874,677	874,655	874,676	1			1		874,677				1,611	11/15/2021	1.A FE
	WEC ENERGY GROUP INC SR UNSEC 3.550%																				
976657-AL-0	06/15/25		01/01/2021	Call	112.6988	1,803,181	1,600,000	1,589,456	1,594,843	(3)			(3)		1,594,840		5,160	5,160	205,705	06/15/2025	2.A FE
	ANZ NEW ZEALAND INTL/LDN CO.GUARNT 2.750%																				
00182E-BH-1	01/22/21	D	01/22/2021	Maturity		5,000,000	5,000,000	4,999,700	4,999,994	6			6		5,000,000				68,750	01/22/2021	1.E FE
	BP CAPITAL MARKETS PLC CO.GUARNT 3.561%																				
05565Q-BU-1	11/01/21	D	01/22/2021	Call	102.5240	2,563,100	2,500,000	2,500,000	2,500,000						2,500,000				83,131	11/01/2021	1.G FE
	JOHNSON CONTROLS INTL PL SR UNSEC 4.250%																				
478375-AE-8	03/01/21	D	03/01/2021	Maturity		7,960,000	7,960,000	8,395,754	7,977,930	(17,930)			(17,930)		7,960,000				169,150	03/01/2021	2.B FE
75973F-AA-9	RENEW 2018-1 A SEQ 3.950% 09/20/53		03/20/2021	Paydown		157,989	157,989	157,929	157,934	55			55		157,989				880	09/20/2053	1.A FE
80105N-AG-0	SANOFI SR UNSEC 4.000% 03/29/21		03/29/2021	Maturity		5,000,000	5,000,000	4,948,800	4,998,516	1,484			1,484		5,000,000				100,000	03/29/2021	1.E FE
	TAKEDA PHARMACEUTICAL SERIES W1 4.000%																				
87406A-AQ-9	11/26/21	D	02/26/2021	Call	102.4910	1,562,988	1,525,000	1,524,352	1,524,707	50			50		1,524,757		243	243	53,238	11/26/2021	2.B FE
	TELEFONICA EMISIONES SAU CO.GUARNT 5.462%																				
87938W-AP-8	02/16/21	D	02/16/2021	Maturity		4,250,000	4,250,000	4,250,000	4,250,000						4,250,000				116,068	02/16/2021	2.C FE
	TOTAL CAPITAL SA CO.GUARNT 4.125% 01/28/21																				
89152U-AF-9		D	01/28/2021	Maturity		5,000,000	5,000,000	4,962,400	4,999,666	334			334		5,000,000				103,125	01/28/2021	1.D FE
3899999	Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)					222,420,607	215,867,429	218,114,968	215,919,119		(156,206)		(156,206)		215,793,390		5,704,959	5,704,959	3,822,313	XXX	XXX
8399997	Total - Bonds - Part 4					294,601,600	288,048,422	292,280,810	289,606,226		(1,662,322)		(1,662,322)		287,974,383		5,704,959	5,704,959	4,210,395	XXX	XXX

STATEMENT AS OF MARCH 31, 2021 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
8399998. Total - Bonds - Part 5						XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
8399999. Total - Bonds						294,601,600	288,048,422	292,280,810	289,606,226		(1,662,322)		(1,662,322)		287,974,383		5,704,959	5,704,959	4,210,395	XXX	XXX
8999997. Total - Preferred Stocks - Part 4							XXX													XXX	XXX
8999998. Total - Preferred Stocks - Part 5						XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
8999999. Total - Preferred Stocks							XXX													XXX	XXX
9799997. Total - Common Stocks - Part 4							XXX													XXX	XXX
9799998. Total - Common Stocks - Part 5						XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
9799999. Total - Common Stocks							XXX													XXX	XXX
9899999. Total - Preferred and Common Stocks							XXX													XXX	XXX
9999999 - Totals						294,601,600	XXX	292,280,810	289,606,226		(1,662,322)		(1,662,322)		287,974,383		5,704,959	5,704,959	4,210,395	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  
SECURITIES LENDING COLLATERAL ASSETS

Reinvested Collateral Assets Owned Current Statement Date

(Securities lending collateral assets reported in aggregate on Line 10 of the Assets page and not included on Schedules A, B, BA, D, DB and E)

1	2	3	4	5	6	7
CUSIP Identification	Description	Code	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Fair Value	Book/Adjusted Carrying Value	Maturity Date
0599999. Total - U.S. Government Bonds						XXX
1099999. Total - All Other Government Bonds						XXX
1799999. Total - U.S. States, Territories and Possessions Bonds						XXX
2499999. Total - U.S. Political Subdivisions Bonds						XXX
3199999. Total - U.S. Special Revenues Bonds						XXX
3899999. Total - Industrial and Miscellaneous (Unaffiliated) Bonds						XXX
4899999. Total - Hybrid Securities						XXX
5599999. Total - Parent, Subsidiaries and Affiliates Bonds						XXX
5999999. Subtotal - SVO Identified Funds						XXX
6299999. Subtotal - Unaffiliated Bank Loans						XXX
6399999. Total - Issuer Obligations						XXX
6499999. Total - Residential Mortgage-Backed Securities						XXX
6599999. Total - Commercial Mortgage-Backed Securities						XXX
6699999. Total - Other Loan-Backed and Structured Securities						XXX
6799999. Total - SVO Identified Funds						XXX
6899999. Total - Affiliated Bank Loans						XXX
6999999. Total - Unaffiliated Bank Loans						XXX
7099999. Total Bonds						XXX
7399999. Total - Preferred Stocks (Schedule D, Part 2, Section 1 type)						XXX
7999999. Total - Common Stocks (Schedule D, Part 2, Section 2 type)						XXX
8099999. Total - Preferred and Common Stocks						XXX
9999999 - Totals						XXX

General Interrogatories:

1. Total activity for the year
- Fair Value \$ ..... Book/Adjusted Carrying Value \$ .....
2. Average balance for the year
- Fair Value \$ ..... Book/Adjusted Carrying Value \$ .....
3. Reinvested securities lending collateral assets book/adjusted carrying value included in this schedule by NAIC designation:
- NAIC 1 \$ ..... NAIC 2 \$ ..... NAIC 3 \$ ..... NAIC 4 \$ ..... NAIC 5 \$ ..... NAIC 6 \$ .....

SCHEDULE DL - PART 2  
SECURITIES LENDING COLLATERAL ASSETS

Reinvested Collateral Assets Owned Current Statement Date  
(Securities lending collateral assets included on Schedules A, B, BA, D, DB and E and not reported in aggregate on Line 10 of the Assets page)

1	2	3	4	5	6	7
CUSIP Identification	Description	Code	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Fair Value	Book/Adjusted Carrying Value	Maturity Date
0599999. Total - U.S. Government Bonds						XXX
1099999. Total - All Other Government Bonds						XXX
1799999. Total - U.S. States, Territories and Possessions Bonds						XXX
2499999. Total - U.S. Political Subdivisions Bonds						XXX
3199999. Total - U.S. Special Revenues Bonds						XXX
3899999. Total - Industrial and Miscellaneous (Unaffiliated) Bonds						XXX
4899999. Total - Hybrid Securities						XXX
5599999. Total - Parent, Subsidiaries and Affiliates Bonds						XXX
5999999. Subtotal - SVO Identified Funds						XXX
6299999. Subtotal - Unaffiliated Bank Loans						XXX
6399999. Total - Issuer Obligations						XXX
6499999. Total - Residential Mortgage-Backed Securities						XXX
6599999. Total - Commercial Mortgage-Backed Securities						XXX
6699999. Total - Other Loan-Backed and Structured Securities						XXX
6799999. Total - SVO Identified Funds						XXX
6899999. Total - Affiliated Bank Loans						XXX
6999999. Total - Unaffiliated Bank Loans						XXX
7099999. Total Bonds						XXX
7399999. Total - Preferred Stocks (Schedule D, Part 2, Section 1 type)						XXX
7999999. Total - Common Stocks (Schedule D, Part 2, Section 2 type)						XXX
8099999. Total - Preferred and Common Stocks						XXX
9999999 - Totals						XXX

General Interrogatories:

1. Total activity for the year

Fair Value \$ .....

Book/Adjusted Carrying Value \$ .....
2. Average balance for the year

Fair Value \$ .....

Book/Adjusted Carrying Value \$ .....

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 .....					(17,213)	(29,285)	(36,329)	XXX
Citibank, N.A. .... New York, NY .....					4,828,415	11,537,254	4,065,510	XXX
Harris, N.A. .... Chicago, IL .....					29,704	159,713	110,320	XXX
JPMorgan Chase Bank, N.A. .... New York, NY .....					29,704	29,704	29,704	XXX
The Northern Trust Company .... Chicago, IL .....					20,000	20,000	20,000	XXX
Wells Fargo, N.A. .... Philadelphia, PA .....					(9,219,431)	(6,409,865)	(4,712,471)	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			(4,328,821)	5,307,521	(523,266)	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			(4,328,821)	5,307,521	(523,266)	XXX
0499999. Cash in Company's Office	XXX	XXX	XXX	XXX				XXX
0599999. Total - Cash	XXX	XXX			(4,328,821)	5,307,521	(523,266)	XXX

## SCHEDULE E - PART 2 - CASH EQUIVALENTS

CUSIP	Description	Code	Date Acquired	Rate of Interest	Maturity Date	Book/Adjusted Carrying Value	Amount of Interest Due and Accrued	Amount Received During Year
0199999.	Subtotal - Bonds - U.S. Governments - Issuer Obligations							
0599999.	Total - U.S. Government Bonds							
1099999.	Total - All Other Government Bonds							
1799999.	Total - U.S. States, Territories and Possessions Bonds							
2499999.	Total - U.S. Political Subdivisions Bonds							
FED FARM CRD DISCOUNT NT			.03/31/2021	0.010	.04/01/2021	3,000,000		.1
FED HOME LN DISCOUNT NT			.03/29/2021	0.005	.04/01/2021	1,600,000		.1
FED HOME LN DISCOUNT NT			.03/30/2021	0.004	.04/16/2021	13,899,945		.22
FED HOME LN DISCOUNT NT			.03/23/2021	0.005	.04/19/2021	49,999,875		.63
FED HOME LN DISCOUNT NT Federal Home Loan Bank Di O 05			.03/30/2021	0.005	.05/05/2021	999,995		
FED HOME LN DISCOUNT NT Federal Home Loan Bank Di O 05			.03/25/2021	0.019	.05/19/2021	10,999,721		.41
2599999.	Subtotal - Bonds - U.S. Special Revenues - Issuer Obligations						80,499,536	128
3199999.	Total - U.S. Special Revenues Bonds						80,499,536	128
3899999.	Total - Industrial and Miscellaneous (Unaffiliated) Bonds							
4899999.	Total - Hybrid Securities							
5599999.	Total - Parent, Subsidiaries and Affiliates Bonds							
6099999.	Subtotal - SVO Identified Funds							
6599999.	Subtotal - Unaffiliated Bank Loans							
7699999.	Total - Issuer Obligations					117,999,510		168
7799999.	Total - Residential Mortgage-Backed Securities							
7899999.	Total - Commercial Mortgage-Backed Securities							
7999999.	Total - Other Loan-Backed and Structured Securities							
8099999.	Total - SVO Identified Funds							
8199999.	Total - Affiliated Bank Loans							
8299999.	Total - Unaffiliated Bank Loans							
8399999.	Total Bonds					117,999,510		168
9999999.	- Total Cash Equivalents						117,999,510	168