

QUARTERLY STATEMENT

OF THE

TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

TO THE

Insurance Department

OF THE

STATE OF

**FOR THE QUARTER ENDED
MARCH 31, 2019**

LIFE AND ACCIDENT AND HEALTH

FRATERNAL BENEFIT SOCIETIES

2019



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

QUARTERLY STATEMENT

AS OF MARCH 31, 2019
OF THE CONDITION AND AFFAIRS OF THE

Teachers Insurance and Annuity Association of America

NAIC Group Code 1216 1216 NAIC Company Code 69345 Employer's ID Number 13-1624203
(Current) (Prior)

Organized under the Laws of New York, State of Domicile or Port of Entry NY

Country of Domicile United States of America

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

Incorporated/Organized 03/04/1918 Commenced Business 05/17/1918

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

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

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

Primary Location of Books and Records 730 Third Avenue, New York, NY, US 10017
(Street and Number) (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 Eisenhauer, 704-988-4560
(Name) (Area Code) (Telephone Number)
seisenhauer@tiaa.org, 704-988-4914
(E-mail Address) (FAX Number)

OFFICERS

President & Chief Executive Officer Roger Walton Ferguson, Jr. SEVP & Chief Financial Officer Glenn Robert Richter #
SMD & Corporate Secretary Mona (NMN) Bhalla SVP & Chief Actuary Christine Ellen Dugan #

OTHER

Vijay Chandur Advani, SEVP, Chief Executive Officer, Nuveen John Lewis Douglas, SEVP, Chief Oversight and Advocacy Officer Lori Dickerson Fouché, SEVP, Chief Executive Officer, TIAA Financial Solutions
Rahul Narandas Merchant, SEVP, Head of Client Services and Tech Oluseun S Salami, SVP, Chief Accounting Officer and Corporate Controller Sean Nigel Woodroffe, SEVP, Chief Human Resources Officer

DIRECTORS OR TRUSTEES

Jeffrey Robert Brown Priscilla Sims Brown James Robert Chambers
Roger Walton Ferguson, Jr. Tamara Simpkins Franklin Lisa Wolfson Hess
Edward Mark Hundert Maureen Patricia O'Hara Donald Kent Peterson
Sidney Allen Riveau Dorothy Kathryn Robinson Kim Michele Sharan
David Lloyd Shedlarz Ronald Lurie Thompson Marta (NMN) Tienda

State of New York SS:
County of New York

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

Roger Walton Ferguson, Jr.
President & Chief Executive Officer

Mona (NMN) Bhalla
SMD & Corporate Secretary

Glenn Robert Richter
SEVP & Chief Financial Officer

Subscribed and sworn to before me this 29th day of April, 2019

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

DEBORAH D WARD
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 01WA6171463
Qualified in Richmond County
Commission Expires July 23, 2019

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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	188,548,938,480	39,769,213	188,509,169,267	187,325,118,786
2. Stocks:				
2.1 Preferred stocks	272,053,145		272,053,145	245,061,072
2.2 Common stocks	5,937,824,935	11,109,820	5,926,715,115	5,899,246,563
3. Mortgage loans on real estate:				
3.1 First liens	28,700,817,060		28,700,817,060	27,391,045,311
3.2 Other than first liens.....	2,705,017,608		2,705,017,608	2,567,530,391
4. Real estate:				
4.1 Properties occupied by the company (less \$ encumbrances)	172,708,592		172,708,592	173,282,218
4.2 Properties held for the production of income (less \$ 44,038,300 encumbrances)	2,043,336,620		2,043,336,620	1,966,277,308
4.3 Properties held for sale (less \$ encumbrances)				12,323,484
5. Cash (\$ 117,167,579), cash equivalents (\$ 13,500,000) and short-term investments (\$)	130,667,579		130,667,579	597,573,069
6. Contract loans (including \$ premium notes)	1,852,986,513	18,982	1,852,967,531	1,889,982,863
7. Derivatives	858,675,938		858,675,938	967,845,751
8. Other invested assets	30,510,064,605	110,003,677	30,400,060,928	30,316,688,896
9. Receivables for securities	182,018,858		182,018,858	82,576,836
10. Securities lending reinvested collateral assets	579,674,943		579,674,943	561,635,041
11. Aggregate write-ins for invested assets	16,857,086		16,857,086	13,275,462
12. Subtotals, cash and invested assets (Lines 1 to 11)	262,511,641,962	160,901,692	262,350,740,270	260,009,463,051
13. Title plants less \$ charged off (for Title insurers only)				
14. Investment income due and accrued	1,838,586,228		1,838,586,228	1,802,318,739
15. Premiums and considerations:				
15.1 Uncollected premiums and agents' balances in the course of collection	2,430,440		2,430,440	2,677,933
15.2 Deferred premiums, agents' balances and installments booked but deferred and not yet due (including \$ earned but unbilled premiums)	43,702,180	110,442	43,591,738	48,025,594
15.3 Accrued retrospective premiums (\$) and contracts subject to redetermination (\$)				
16. Reinsurance:				
16.1 Amounts recoverable from reinsurers				
16.2 Funds held by or deposited with reinsured companies				
16.3 Other amounts receivable under reinsurance contracts	2,925,885		2,925,885	2,422,317
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	5,465,762,000	3,096,333,000	2,369,429,000	2,401,938,000
19. Guaranty funds receivable or on deposit	15,047,479		15,047,479	15,047,255
20. Electronic data processing equipment and software	367,420,282	341,736,281	25,684,001	27,136,653
21. Furniture and equipment, including health care delivery assets (\$)	77,103,452	77,103,452		
22. Net adjustment in assets and liabilities due to foreign exchange rates				
23. Receivables from parent, subsidiaries and affiliates	118,623,547	2,591	118,620,956	192,312,333
24. Health care (\$) and other amounts receivable				
25. Aggregate write-ins for other than invested assets	777,262,823	158,973,491	618,289,332	496,315,664
26. Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 to 25)	271,220,506,278	3,835,160,949	267,385,345,329	264,997,657,539
27. From Separate Accounts, Segregated Accounts and Protected Cell Accounts	40,270,541,936		40,270,541,936	38,288,611,045
28. Total (Lines 26 and 27)	311,491,048,214	3,835,160,949	307,655,887,265	303,286,268,584
DETAILS OF WRITE-INS				
1101. Derivative collateral - receivable	14,632,414		14,632,414	10,830,279
1102. Investments in process	1,861,412		1,861,412	2,026,825
1103. Receivable for securities lending	363,260		363,260	418,358
1198. Summary of remaining write-ins for Line 11 from overflow page				
1199. Totals (Lines 1101 through 1103 plus 1198)(Line 11 above)	16,857,086		16,857,086	13,275,462
2501. Sundry receivables	648,571,572	30,355,407	618,216,165	496,315,664
2502. Prepaid expenses	121,083,204	121,010,037	73,167	
2503. Intangible asset - AML - SERP	7,608,047	7,608,047		
2598. Summary of remaining write-ins for Line 25 from overflow page				
2599. Totals (Lines 2501 through 2503 plus 2598)(Line 25 above)	777,262,823	158,973,491	618,289,332	496,315,664

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, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA
LIABILITIES, SURPLUS AND OTHER FUNDS

	1 Current Statement Date	2 December 31 Prior Year
1. Aggregate reserve for life contracts \$213,110,050,505 less \$ included in Line 6.3 (including \$ Modco Reserve).....	213,110,050,505	211,345,444,121
2. Aggregate reserve for accident and health contracts (including \$ Modco Reserve).....	8,006	8,006
3. Liability for deposit-type contracts (including \$ Modco Reserve).....	1,120,644,024	1,105,189,756
4. Contract claims:		
4.1 Life.....	760,072,946	687,442,069
4.2 Accident and health.....		
5. Policyholders' dividends/refunds to members \$2,784,786 and coupons \$ due and unpaid.....	2,784,786	2,967,781
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).....	1,457,195,589	1,882,203,352
6.2 Policyholders' dividends and refunds to members not yet apportioned (including \$ Modco).....	386,250,689	
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.....	584,391	677,950
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 \$3,878,580 ceded.....	3,878,580	3,970,898
9.4 Interest Maintenance Reserve.....	2,074,769,057	2,148,531,201
10. Commissions to agents due or accrued-life and annuity contracts \$, accident and health \$ and deposit-type contract funds \$		
11. Commissions and expense allowances payable on reinsurance assumed.....		
12. General expenses due or accrued.....	570,795,645	1,027,621,007
13. Transfers to Separate Accounts due or accrued (net) (including \$ accrued for expense allowances recognized in reserves, net of reinsured allowances).....	9,891,373	8,377,740
14. Taxes, licenses and fees due or accrued, excluding federal income taxes.....	15,111,645	32,301,859
15.1 Current federal and foreign income taxes, including \$ on realized capital gains (losses).....	50,997,442	45,373,848
15.2 Net deferred tax liability.....		
16. Unearned investment income.....	1,589,694	1,373,608
17. Amounts withheld or retained by reporting entity as agent or trustee.....	214,278,371	228,101,036
18. Amounts held for agents' account, including \$ agents' credit balances.....		
19. Remittances and items not allocated.....	97,008,458	73,692,708
20. Net adjustment in assets and liabilities due to foreign exchange rates.....		
21. Liability for benefits for employees and agents if not included above.....	164,648,567	167,155,026
22. Borrowed money \$685,000,000 and interest thereon \$	685,000,000	
23. Dividends to stockholders declared and unpaid.....		
24. Miscellaneous liabilities:		
24.01 Asset valuation reserve.....	5,562,902,064	5,259,527,188
24.02 Reinsurance in unauthorized and certified (\$) companies.....		
24.03 Funds held under reinsurance treaties with unauthorized and certified (\$) reinsurers.....		
24.04 Payable to parent, subsidiaries and affiliates.....	322,880,856	649,195,987
24.05 Drafts outstanding.....		
24.06 Liability for amounts held under uninsured plans.....		
24.07 Funds held under coinsurance.....		
24.08 Derivatives.....	149,472,400	164,437,692
24.09 Payable for securities.....	339,752,145	116,386,766
24.10 Payable for securities lending.....	579,674,944	561,635,042
24.11 Capital notes \$ and interest thereon \$		
25. Aggregate write-ins for liabilities.....	1,386,458,209	1,403,753,172
26. Total liabilities excluding Separate Accounts business (Lines 1 to 25).....	229,066,700,386	226,915,367,813
27. From Separate Accounts Statement.....	40,221,767,204	38,244,597,043
28. Total liabilities (Lines 26 and 27).....	269,288,467,590	265,159,964,856
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.....	5,041,100,373	5,041,067,049
33. Gross paid in and contributed surplus.....	550,000	550,000
34. Aggregate write-ins for special surplus funds.....	33,323,269,302	33,082,186,679
35. Unassigned funds (surplus).....		
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 \$48,774,731 in Separate Accounts Statement).....	38,364,919,675	38,123,803,728
38. Totals of Lines 29, 30 and 37.....	38,367,419,675	38,126,303,728
39. Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3).....	307,655,887,265	303,286,268,584
DETAILS OF WRITE-INS		
2501. Derivative collateral - payable.....	682,228,857	760,848,028
2502. Miscellaneous liabilities.....	543,291,067	482,606,851
2503. Deferred gain on asset transfer with affiliate.....	215,897,162	216,028,712
2598. Summary of remaining write-ins for Line 25 from overflow page.....	(54,958,877)	(55,730,419)
2599. Totals (Lines 2501 through 2503 plus 2598)(Line 25 above).....	1,386,458,209	1,403,753,172
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. Conting. res. for invest. losses, annuity and insurance mort. and other risks **.....	33,323,269,302	33,082,186,679
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).....	33,323,269,302	33,082,186,679

** The amount of the annuitant mortality fluctuation fund for the Real Estate account is \$107,346,646 and for the Access account is \$16,344,846.
 Note for line 6.1: Because TIAA operates without profit to the corporation or its stockholders, excess earnings which exceeded the amount contained on line 6.1 of prior year's statements were credited to policyholders as Additional Amounts during the year. Additional Amounts are referred to as policyholder's dividends throughout this statement.

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	4,433,950,529	4,051,723,104	15,033,997,308
2. Considerations for supplementary contracts with life contingencies	20,925,925	23,289,908	84,411,295
3. Net investment income	2,874,698,587	3,183,216,507	12,291,093,197
4. Amortization of Interest Maintenance Reserve (IMR)	63,917,054	62,585,564	259,282,495
5. Separate Accounts net gain from operations excluding unrealized gains or losses	4,760,729	3,000,109	13,694,296
6. Commissions and expense allowances on reinsurance ceded			
7. Reserve adjustments on reinsurance ceded			
8. Miscellaneous Income:			
8.1 Income from fees associated with investment management, administration and contract guarantees from Separate Accounts	61,722,154	56,419,158	226,020,288
8.2 Charges and fees for deposit-type contracts			
8.3 Aggregate write-ins for miscellaneous income	693,465,716	641,415,019	3,000,803,760
9. Totals (Lines 1 to 8.3)	8,153,440,694	8,021,649,369	30,909,302,639
10. Death benefits	12,433,949	17,011,098	67,303,992
11. Matured endowments (excluding guaranteed annual pure endowments)		20,866	56,563
12. Annuity benefits	1,947,826,284	1,880,400,339	7,470,643,372
13. Disability benefits and benefits under accident and health contracts	2,200,334	1,977,086	8,981,275
14. Coupons, guaranteed annual pure endowments and similar benefits			
15. Surrender benefits and withdrawals for life contracts	2,321,334,743	2,994,626,710	9,868,830,600
16. Group conversions			
17. Interest and adjustments on contract or deposit-type contract funds	7,314,334	7,610,146	29,929,373
18. Payments on supplementary contracts with life contingencies	19,154,017	27,972,996	90,700,857
19. Increase in aggregate reserves for life and accident and health contracts	1,764,606,383	1,121,090,648	5,279,306,079
20. Totals (Lines 10 to 19)	6,074,870,044	6,050,709,889	22,815,752,111
21. Commissions on premiums, annuity considerations, and deposit-type contract funds (direct business only)			
22. Commissions and expense allowances on reinsurance assumed			
23. General insurance expenses and fraternal expenses	395,389,456	385,659,311	1,643,194,432
24. Insurance taxes, licenses and fees, excluding federal income taxes	23,252,863	22,200,622	69,517,909
25. Increase in loading on deferred and uncollected premiums	(1,481,672)	(1,690,424)	(1,224,073)
26. Net transfers to or (from) Separate Accounts net of reinsurance	313,872,949	(100,762,932)	441,636,150
27. Aggregate write-ins for deductions	91,951,340	93,256,933	327,496,760
28. Totals (Lines 20 to 27)	6,897,854,980	6,449,373,399	25,296,373,289
29. Net gain from operations before dividends to policyholders and federal income taxes (Line 9 minus Line 28)	1,255,585,714	1,572,275,970	5,612,929,350
30. Dividends to policyholders and refunds to members	791,503,448	866,844,528	3,526,325,026
31. Net gain from operations after dividends to policyholders, refunds to members and before federal income taxes (Line 29 minus Line 30)	464,082,266	705,431,442	2,086,604,324
32. Federal and foreign income taxes incurred (excluding tax on capital gains)	4,047,401	(1,422,000)	(23,054,547)
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)	460,034,865	706,853,442	2,109,658,871
34. Net realized capital gains (losses) (excluding gains (losses) transferred to the IMR) less capital gains tax of \$ (excluding taxes of \$ transferred to the IMR)	(113,622,002)	(149,760,741)	(656,605,332)
35. Net income (Line 33 plus Line 34)	346,412,863	557,092,701	1,453,053,539
CAPITAL AND SURPLUS ACCOUNT			
36. Capital and surplus, December 31, prior year	38,126,303,728	36,336,069,438	36,336,069,438
37. Net income (Line 35)	346,412,863	557,092,701	1,453,053,539
38. Change in net unrealized capital gains (losses) less capital gains tax of \$	205,956,081	(166,476,142)	(356,897,387)
39. Change in net unrealized foreign exchange capital gain (loss)	(933,951)	86,099,149	(2,028,353)
40. Change in net deferred income tax	(71,143,000)	(19,198,000)	(147,263,000)
41. Change in nonadmitted assets	64,937,049	43,748,483	707,498,982
42. Change in liability for reinsurance in unauthorized and certified companies			
43. Change in reserve on account of change in valuation basis, (increase) or decrease			
44. Change in asset valuation reserve	(303,374,876)	76,134,287	128,699,273
45. Change in treasury stock			
46. Surplus (contributed to) withdrawn from Separate Accounts during period			
47. Other changes in surplus in Separate Accounts Statement			
48. Change in surplus notes	33,325	33,325	325,509
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	(771,544)	(426,702)	6,845,727
54. Net change in capital and surplus for the year (Lines 37 through 53)	241,115,947	577,007,101	1,790,234,290
55. Capital and surplus, as of statement date (Lines 36 + 54)	38,367,419,675	36,913,076,539	38,126,303,728
DETAILS OF WRITE-INS			
08.301. Additional amounts credited or applied to annuities	384,280,982	350,379,338	1,761,001,602
08.302. Consideration on annuity product rollovers	232,475,724	232,459,359	1,021,201,205
08.303. Miscellaneous income	55,182,111	37,170,233	139,332,657
08.398. Summary of remaining write-ins for Line 8.3 from overflow page	21,526,899	21,406,089	79,268,296
08.399. Totals (Lines 08.301 through 08.303 plus 08.398) (Line 8.3 above)	693,465,716	641,415,019	3,000,803,760
2701. Miscellaneous deductions	91,951,315	93,252,386	327,489,529
2702. Miscellaneous fines and penalties	25	4,547	7,231
2703.			
2798. Summary of remaining write-ins for Line 27 from overflow page			
2799. Totals (Lines 2701 through 2703 plus 2798)(Line 27 above)	91,951,340	93,256,933	327,496,760
5301. Post retirement benefit obligation liability	(771,544)	(426,702)	6,845,727
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)	(771,544)	(426,702)	6,845,727

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

CASH FLOW

	1 Current Year To Date	2 Prior Year To Date	3 Prior Year Ended December 31
Cash from Operations			
1. Premiums collected net of reinsurance	4,714,844,581	4,336,126,962	16,224,698,048
2. Net investment income	2,772,576,549	2,993,186,371	11,756,313,367
3. Miscellaneous income	116,347,989	93,955,026	365,076,185
4. Total (Lines 1 to 3)	7,603,769,119	7,423,268,359	28,346,087,600
5. Benefit and loss related payments	4,266,596,195	4,889,660,099	17,632,570,741
6. Net transfers to Separate Accounts, Segregated Accounts and Protected Cell Accounts	300,298,138	(107,443,553)	441,865,973
7. Commissions, expenses paid and aggregate write-ins for deductions	954,429,411	901,424,265	1,865,333,453
8. Dividends paid to policyholders	446,162,535	443,665,120	1,764,451,489
9. Federal and foreign income taxes paid (recovered) net of \$ tax on capital gains (losses)	(1,576,193)	(4,360,691)	(62,731,318)
10. Total (Lines 5 through 9)	5,965,910,086	6,122,945,240	21,641,490,338
11. Net cash from operations (Line 4 minus Line 10)	1,637,859,033	1,300,323,119	6,704,597,262
Cash from Investments			
12. Proceeds from investments sold, matured or repaid:			
12.1 Bonds	3,407,833,658	3,746,260,368	17,950,449,169
12.2 Stocks	368,985,855	365,729,730	1,891,399,862
12.3 Mortgage loans	430,460,340	522,498,178	2,851,949,647
12.4 Real estate			27,886,044
12.5 Other invested assets	360,222,245	830,752,779	2,368,262,256
12.6 Net gains or (losses) on cash, cash equivalents and short-term investments	9,759,112	23,443,147	17,659,288
12.7 Miscellaneous proceeds	223,365,546	578,759,338	1,163,891,315
12.8 Total investment proceeds (Lines 12.1 to 12.7)	4,800,626,756	6,067,443,540	26,271,497,581
13. Cost of investments acquired (long-term only):			
13.1 Bonds	4,448,198,519	4,650,805,054	19,837,907,173
13.2 Stocks	396,981,331	619,656,356	1,716,050,877
13.3 Mortgage loans	1,814,455,870	1,870,632,839	6,351,377,079
13.4 Real estate	80,118,401	1,337,433	130,986,201
13.5 Other invested assets	425,527,611	1,132,609,886	4,483,357,250
13.6 Miscellaneous applications	185,666,705	11,465,340	456,428,525
13.7 Total investments acquired (Lines 13.1 to 13.6)	7,350,948,437	8,286,506,908	32,976,107,105
14. Net increase (or decrease) in contract loans and premium notes	(38,616,827)	5,614,888	57,391,639
15. Net cash from investments (Line 12.8 minus Line 13.7 and Line 14)	(2,511,704,854)	(2,224,678,256)	(6,762,001,163)
Cash from Financing and Miscellaneous Sources			
16. Cash provided (applied):			
16.1 Surplus notes, capital notes	33,324	33,324	325,509
16.2 Capital and paid in surplus, less treasury stock			
16.3 Borrowed funds	685,000,000	1,300,000,000	
16.4 Net deposits on deposit-type contracts and other insurance liabilities	8,377,039	21,784,737	15,350,456
16.5 Dividends to stockholders			
16.6 Other cash provided (applied)	(286,470,032)	(819,732,778)	(937,738)
17. Net cash from financing and miscellaneous sources (Line 16.1 through Line 16.4 minus Line 16.5 plus Line 16.6)	406,940,331	502,085,283	14,738,227
RECONCILIATION OF CASH, CASH EQUIVALENTS AND SHORT-TERM INVESTMENTS			
18. Net change in cash, cash equivalents and short-term investments (Line 11, plus Lines 15 and 17)	(466,905,490)	(422,269,854)	(42,665,674)
19. Cash, cash equivalents and short-term investments:			
19.1 Beginning of year	597,573,069	640,238,743	640,238,743
19.2 End of period (Line 18 plus Line 19.1)	130,667,579	217,968,889	597,573,069

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

20.0001. Bonds, stocks, mortgages, real estate, contract loans, OIA acquired and disposed through corporate actions	639,301,857	862,909,646	3,403,464,324
20.0002. Capitalized interest on mortgages	138,269	1,330,007	2,778,231
20.0003. Capitalized interest on bonds	96,151,204	102,905,861	393,987,409
20.0004. Additional amounts credited or applied to annuities	384,280,982	350,379,338	1,761,001,602
20.0005. Interest credited on deposit type contracts	7,305,624	6,851,747	28,033,147

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	50,354,718	53,341,476	237,138,460
3. Ordinary individual annuities	1,554,069,730	1,656,815,678	6,427,178,306
4. Credit life (group and individual)			
5. Group life insurance			
6. Group annuities	2,829,572,469	2,341,617,088	8,369,864,707
7. A & H - group	73,736	68,766	291,169
8. A & H - credit (group and individual)			
9. A & H - other	3,121,847	3,191,369	12,711,800
10. Aggregate of all other lines of business			
11. Subtotal (Lines 1 through 10)	4,437,192,500	4,055,034,377	15,047,184,442
12. Fraternal (Fraternal Benefit Societies Only)			
13. Subtotal (Lines 11 through 12)	4,437,192,500	4,055,034,377	15,047,184,442
14. Deposit-type contracts	79,667,132	78,336,747	290,040,525
15. Total (Lines 13 and 14)	4,516,859,632	4,133,371,124	15,337,224,967
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 Teachers Insurance and Annuity Association of America ("TIAA" or the "Company") are presented on the basis of statutory accounting principles prescribed or permitted by the New York State Department of Financial Services ("NYDFS" or the "Department"). The Department requires insurance companies domiciled in the State of New York to prepare their statutory basis financial statements in accordance with the National Association of Insurance Commissioners' ("NAIC") *Accounting Practices and Procedures Manual* ("NAIC SAP"), subject to any deviation prescribed or permitted by the Department ("New York SAP").

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

	SSAP#	F/S Page	F/S Line	03/31/2019	12/31/2018
Net Income, New York SAP				\$ 346,412,863	\$ 1,453,053,539
New York SAP Prescribed Practices that are an increase/(decrease) from NAIC SAP:					
Additional Reserves for Term Conversions	51R	4	19	333,396	294,552
Net Income, NAIC SAP				<u>\$ 346,079,467</u>	<u>\$ 1,452,758,987</u>
Capital and Contingency Reserves, New York SAP.....				\$ 38,367,419,675	\$ 38,126,303,728
New York SAP Prescribed Practices that are an increase/(decrease) from NAIC SAP:					
Deferred Premium Asset Limitation	51R, 61R	2	15.2	(43,017)	(64,764)
Additional Reserves for Term Conversions	51R	3	1	(20,969,252)	(21,302,648)
Capital and Contingency Reserves, NAIC SAP				<u>\$ 38,388,431,944</u>	<u>\$ 38,147,671,140</u>

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 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 Company's risk based capital as of March 31, 2019 and December 31, 2018 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) Bonds are stated at amortized cost using the constant yield method. Bonds in or near default (rated NAIC 6) are stated at the lower of amortized cost or fair value. NAIC ratings are applied to bonds and other securities. Categories 1 and 2 are considered investment grade, while Categories 3 through 6 are considered below investment grade. Bonds are recorded on a trade date basis, except for private placement bonds, which are recorded on the funding date. Bonds the Company intends to sell prior to maturity ("held for sale") are stated at the lower of amortized cost or fair value.

If it is determined that a decline in the fair value of a bond, excluding loan-backed and structured securities, is other-than-temporary, the cost basis of the bond is written down to fair value and the amount of the write down is accounted for as a realized loss. The new cost basis is not changed for subsequent recoveries in fair value. Future declines in fair value which are determined to be other-than-temporary are recorded as realized losses.

In April 2017, the NAIC adopted modifications to SSAP No. 26R, *Bonds*, which were effective December 31, 2017. These modifications remove SVO-identified instruments from the definition of a bond and provide separate statutory accounting guidance for these instruments, commonly referred to as SVO-Identified bond exchange traded funds ("ETFs"). The specific guidance for SVO-identified instruments includes a requirement for these instruments to be reported at fair value (using net asset value ("NAV") as a practical

NOTES TO FINANCIAL STATEMENTS

expedient) unless the investment qualifies for, and the reporting entity elects, the use of the systematic value approach.

Pursuant to the guidance in SSAP No. 26R, *Bonds*, the Company holds SVO-Identified bond ETFs reported on Schedule D-1. Each ETF is reported at fair value, and the Company has not elected systematic value.

(3) - (5) No material change

(6) Included within bonds are loan-backed and structured securities. Estimated future cash flows and expected prepayment speeds are used to determine the amortization of loan-backed and structured securities under the prospective method. Expected future cash flows and prepayment speeds are evaluated quarterly. Certain loan-backed and structured securities are reported at the lower of amortized cost or fair value as a result of the NAIC modeling process.

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

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

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

(7) - (13) No material change

D. Going Concern

The Company does not have any doubt about its ability to continue as a going concern.

2. Accounting Changes and Corrections of Errors

No material change

3. Business Combinations and Goodwill

Not applicable.

4. Discontinued Operations

Not applicable.

5. Investments

A. Mortgage Loans

No material change

B. Debt Restructuring

Not applicable

C. Reverse Mortgages

Not applicable

D. Loan-Backed Securities

(1) The near-term prepayment assumptions for loan-backed and structured securities are based on historical averages drawing from performance experience for a particular transaction and may vary by security type. The long-term assumptions are adjusted based on expected performance.

NOTES TO FINANCIAL STATEMENTS

(2) The following table represents OTTI on securities with the intent to sell for each quarter of 2019:

	1	2		3
	Amortized Cost Basis Before OTTI	OTTI Recognized in Loss		Fair Value 1-(2a+2b)
		2a Interest	2b Non-interest	
OTTI recognized 1st Quarter				
a. Intent to sell	\$ 3,322,997	\$ 655,739	\$ (185,955)	\$ 2,853,213
Total 1st Quarter	<u>\$ 3,322,997</u>	<u>\$ 655,739</u>	<u>\$ (185,955)</u>	<u>\$ 2,853,213</u>
OTTI recognized 2nd Quarter				
a. Intent to sell	\$ —	\$ —	\$ —	\$ —
Total 2nd Quarter	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>
OTTI recognized 3rd Quarter				
a. Intent to sell	\$ —	\$ —	\$ —	\$ —
Total 3rd Quarter	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>
OTTI recognized 4th Quarter				
a. Intent to sell	\$ —	\$ —	\$ —	\$ —
Total 4th Quarter	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>
Annual Aggregate Total		<u>\$ 655,739</u>	<u>\$ (185,955)</u>	

The Company did not recognize any OTTI on securities it lacked the ability to retain for a period of time sufficient to recover the amortized cost basis.

(3) The following table represents loan-backed and structured securities with an other-than-temporary impairment recognized in the current reporting period by the Company where the present value of cash flows expected to be collected is less than the amortized cost basis as of March 31, 2019:

CUSIP	Book/Adj. Carrying Value Amortized Cost Before Current Period OTTI	Present Value of Projected Cash Flows	Recognized Other-Than- Temporary Impairment	Amortized Cost After Other-Than- Temporary Impairment	Fair Value as of Impairment Date	Date of Financial Statement Where Reported
21075WBA2	\$ 32,609	\$ —	\$ (32,609)	\$ —	\$ —	03/31/2019
Total			<u>\$ (32,609)</u>			

(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	\$ 26,123,098
2. 12 Months or Longer	\$ 219,466,105

b. The aggregate related fair value of securities with unrealized losses:

1. Less than 12 Months	\$ 1,045,992,531
2. 12 Months or Longer	\$ 9,929,870,955

(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

(1) No material change

(2) No material change

(3) a. No material change

b. The fair value of the collateral received for the securities lending program was \$579,674,944. This collateral is cash and was not sold or re-pledged as of March 31, 2019.

c. No material change

(4) No material change

NOTES TO FINANCIAL STATEMENTS

(5) No material change

(6) Not applicable

(7) No material change

F. Repurchase Agreements Transactions Accounted for as Secured Borrowing

None

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

No material change

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. Structured Notes

No material change

P. 5GI Securities

No material change

Q. Short Sales

Not applicable

R. Prepayment Penalty and Acceleration Fees

No material change

6. Joint Ventures, Partnerships and Limited Liability Companies

No material change

7. Investment Income

No material change

8. Derivative Instruments

A-G. No material change

H. Not applicable

NOTES TO FINANCIAL STATEMENTS**9. Federal Income Tax**

No material change

10. Information Concerning Parent, Subsidiaries and Affiliates

No material change

11. Debt

A. Not applicable

B. FHLBNY (Federal Home Loan Bank of New York) Agreements

(1) The Company is a member of the Federal Home Loan Bank of New York (FHLBNY). Through its membership, the Company has the ability to conduct business activity (Advances) with the FHLBNY. It is part of the Company's strategy to utilize these funds to provide additional liquidity to supplement existing sources and can also be a source of contingent liquidity to meet other requirements. The Company is required to pledge collateral to the FHLBNY in the form of eligible securities for all advances received. The Company considers the amount of collateral pledged to the FHLBNY as the amount encumbered by advances from the FHLBNY at a point in time. The Company has determined the estimated maximum borrowing capacity as \$15,382,794,363. The Company calculated this amount using 5% of total net admitted assets at the current reporting date.

(2) FHLB Capital Stock

a. Aggregate Total

	1 Total (2+3)	2 General Account	3 Separate Account
1. Current Year as of 3/31/2019			
a) Membership Stock - Class A	\$ —	\$ —	\$ —
b) Membership Stock - Class B	\$ 82,262,400	\$ 82,262,400	\$ —
c) Activity Stock	\$ 30,825,000	\$ 30,825,000	\$ —
d) Excess Stock	\$ —	\$ —	\$ —
e) Aggregate Total (a+b+c+d)	\$ 113,087,400	\$ 113,087,400	\$ —
f) Actual or estimated Borrowing Capacity as Determined by the Insurer	\$ 15,382,794,363	\$ 15,382,794,363	\$ —
2. Prior Year-end as of 12/31/2018			
a) Membership Stock - Class A	\$ —	\$ —	\$ —
b) Membership Stock - Class B	\$ 82,262,400	\$ 82,262,400	\$ —
c) Activity Stock	\$ —	\$ —	\$ —
d) Excess Stock	\$ —	\$ —	\$ —
e) Aggregate Total (a+b+c+d)	\$ 82,262,400	\$ 82,262,400	\$ —
f) Actual or estimated Borrowing Capacity as Determined by the Insurer	\$ 15,164,313,429	\$ 15,164,313,429	\$ —

b. Membership Stock (Class A and B) Eligible and Not Eligible for Redemption

	1 Current Year Total (2+3+4+5+6)	2 Not Eligible for Redemption	Eligible for Redemption			
			3 Less than 6 Months	4 6 Months or Less Than 1 Year	5 1 to Less Than 3 Years	6 3 to 5 Years
Membership Stock						
Class A	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Class B	\$ 82,262,400	\$ 82,262,400	\$ —	\$ —	\$ —	\$ —

NOTES TO FINANCIAL STATEMENTS**(3) Collateral Pledged to FHLB**

a. Amount Pledged as of the Reporting Date

	1 Fair Value	2 Carrying Value	3 Aggregate Total Borrowing
1. Current Year Total General and Separate Accounts Total Collateral Pledged (Lines 2+3)	\$ 732,805,944	\$ 700,943,099	\$ 685,000,000
2. Current Year General Account Total Collateral Pledged	\$ 732,805,944	\$ 700,943,099	\$ 685,000,000
3. Current Year Separate Account Total Collateral Pledged	\$ —	\$ —	\$ —
4. Prior Year-end Total General and Separate Accounts Total Collateral Pledged	\$ —	\$ —	\$ —

b. Maximum Amount Pledged During Reporting Period

	1 Fair Value	2 Carrying Value	3 Amount Borrowed at Time of Maximum Collateral
1. Current Year Total General and Separate Accounts Maximum Collateral Pledged (Lines 2+3)	\$ 984,206,523	\$ 973,604,179	\$ 920,000,000
2. Current Year General Account Maximum Collateral Pledged	\$ 984,206,523	\$ 973,604,179	\$ 920,000,000
3. Current Year Separate Account Maximum Collateral Pledged	\$ —	\$ —	\$ —
4. Prior Year-end Total General and Separate Accounts Maximum Collateral Pledged	\$ 1,389,778,994	\$ 1,359,150,193	\$ 1,300,000,000

(4) Borrowing from FHLB

a. Amount as of the Reporting Date

	1 Total (2+3)	2 General Account	3 Separate Account	4 Funding Agreements Reserves Established
1. Current Year				
a) Debt	\$ 685,000,000	\$ 685,000,000	\$ —	\$ —
b) Funding Agreements	—	—	—	—
c) Other	—	—	—	—
d) Aggregate Total (a+b+c)	\$ 685,000,000	\$ 685,000,000	\$ —	\$ —
2. Prior Year-end				
a) Debt	\$ —	\$ —	\$ —	\$ —
b) Funding Agreements	—	—	—	—
c) Other	—	—	—	—
d) Aggregate Total (a+b+c)	\$ —	\$ —	\$ —	\$ —

b. Maximum Amount during Reporting Period (Current Year)

	1 Total (2+3)	2 General Account	3 Separate Account
1. Current Year			
a) Debt	\$ 920,000,000	\$ 920,000,000	\$ —
b) Funding Agreements	—	—	—
c) Other	—	—	—
d) Aggregate Total (a+b+c)	\$ 920,000,000	\$ 920,000,000	\$ —

c. FHLB - Prepayment Obligations

Does the company have prepayment obligations under the following arrangements (YES/NO)?

1. Debt	No
2. Funding Agreements	N/A
3. Other	N/A

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

A. Defined Benefit Plan

(1) - (3) No material change

(4) Components of net periodic benefit cost for year to date:

	Pension Benefits		Postretirement Benefits	
	March 31, 2019	December 31, 2018	March 31, 2019	December 31, 2018
a. Service cost	\$ —	\$ —	\$ —	\$ —
b. Interest cost	328,989	1,191,702	622,059	2,909,261
c. Expected return on plan assets	—	—	—	—
d. Amortization of unrecognized transition obligation or transition asset	3,741	14,967	—	—
e. Amount of recognized gains and losses .	61,614	300,556	296,359	2,564,801
f. Amount of prior service cost recognized .	—	—	(1,067,902)	(4,271,608)
g. Amount of gain or loss recognized due to a settlement or curtailment	—	—	—	1,000,000
h. Total net periodic benefit cost	<u>\$ 394,344</u>	<u>\$ 1,507,225</u>	<u>\$ (149,484)</u>	<u>\$ 2,202,454</u>

(5) - (13) No material change

(14) - (21) Not applicable

B-D. Not applicable as the Company does not have any plan assets.

E. Defined Contribution Plans

No material change

F. Multiemployer Plans

Not applicable

G. Consolidated/Holding Company Plans

Not applicable

H. Postemployment Benefits and Compensated Absences

Not applicable

I. Impact of Medicare Modernization Act on Post-retirement Benefits

No material change

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

No material change

14. Liabilities, Contingencies and Assessments

No material change

15. Leases

No material change

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

No material change

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

A. Transfers of Receivables Reported as Sales

Not applicable.

NOTES TO FINANCIAL STATEMENTS**B. Transfer and Servicing of Financial Assets**

(1) No material change

(2) The fair value of securities on loan was \$565,583,020. The fair value of cash collateral received as of March 31, 2019, was \$579,674,944. This collateral is reported in "Securities lending reinvested collateral assets" with an offsetting collateral liability of \$579,674,944 included in "Payable for securities lending".

(3)-(7) Not applicable.

C. Wash Sales

(1) In the course of the Company's asset management, securities may be sold and reacquired within 30 days of the date of sale. The securities involved in these transactions are generally invested to enhance the Company's yield on its investment portfolio and mitigate market risks or for short-term cash management purposes.

(2) There were no securities with an NAIC Designation of 3 or below, or that do not have an NAIC designation, excluding all cash equivalents, derivative instruments as well as short-term investments with credit assessments equivalent to an NAIC 1-2 designation, that were sold and reacquired within the thirty days of the sale.

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

Not applicable.

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

Not applicable.

20. Fair Value Measurements

A. Included in the Company's financial statements are certain financial instruments carried at fair value. Other financial instruments are periodically measured at fair value, such as when impaired, or for certain bonds and preferred stocks 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 quoted 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. 100, Fair Value Measurements. 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 (Level 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.

NOTES TO FINANCIAL STATEMENTS

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.

NAV Practical Expedient - TIAA has elected the NAV Practical expedient for certain investments held by its separate account. These investments are excluded from the valuation hierarchy, as these investments are fair valued using their net asset value as a practical expedient since market quotations or values from independent pricing services are not readily available. The separate account assets that have elected the NAV practical expedient represent investments in limited partnerships and limited liability companies that invest in real estate properties. The fair value of these assets was \$186 million and total unfunded commitments was \$62 million at March 31, 2019. For these investments, redemptions are prohibited prior to liquidation.

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

The following tables provide information about the Company's financial assets and liabilities measured and reported at fair value at March 31, 2019:

	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Total
Assets at fair value:					
Bonds					
U.S. Government	\$ —	\$ 1,260,574,850	\$ —	\$ —	\$ 1,260,574,850
Industrial and Miscellaneous	1,297,177,706	123,930,348	134,517,564	—	1,555,625,618
Total Bonds	\$ 1,297,177,706	\$ 1,384,505,198	\$ 134,517,564	\$ —	\$ 2,816,200,468
Common Stocks					
Industrial and Miscellaneous	\$ 701,825,642	\$ —	\$ 218,566,445	\$ —	\$ 920,392,087
Total Common Stocks	\$ 701,825,642	\$ —	\$ 218,566,445	\$ —	\$ 920,392,087
Total Preferred Stocks	\$ —	\$ —	\$ 12,149,375	\$ —	\$ 12,149,375
Derivatives:					
Interest rate contracts	\$ —	\$ 6,799,401	\$ —	\$ —	\$ 6,799,401
Foreign exchange contracts	—	395,084,756	—	—	395,084,756
Credit default swaps	—	13,966	—	—	13,966
Total Derivatives	\$ —	\$ 401,898,123	\$ —	\$ —	\$ 401,898,123
Separate Account Assets, Net	\$ 13,481,242,849	\$ 4,268,309,933	\$ 20,977,500,552	\$ 185,993,051	\$ 38,913,046,385
Total assets at fair value/NAV	\$ 15,480,246,197	\$ 6,054,713,254	\$ 21,342,733,936	\$ 185,993,051	\$ 43,063,686,438
Liabilities at fair value:					
Derivatives					
Foreign exchange contracts	\$ —	\$ 135,131,587	\$ —	\$ —	\$ 135,131,587
Credit default swaps	—	2,637,709	—	—	2,637,709
Total liabilities at fair value	\$ —	\$ 137,769,296	\$ —	\$ —	\$ 137,769,296

NOTES TO FINANCIAL STATEMENTS**Transfers between Level 1 and Level 2**

Periodically, the Company has transfers between Level 1 and Level 2 due to the availability of quoted prices for identical assets in active markets at the measurement date. The Company's policy is to recognize transfers between levels as of the actual date of the event or change in circumstances that caused the transfer.

As of March 31, 2019, the Company had no transfers between Level 1 and Level 2 of the fair value hierarchy.

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

The following is a reconciliation of the beginning and ending balances for assets and liabilities measured and reported at fair value using Level 3 inputs at March 31, 2019 (in millions):

	Balance at 1/1/2019	Transfers into Level 3	Transfers out of Level 3	Total gains & (losses) included in Net Income	Total gains & (losses) included in Surplus	Purchases	Issuances	Sales	Settlements	Ending balance at 3/31/2019
Bonds	\$ 100.1	\$ 24.2 a	\$ (2.0) b	—	\$ 2.7	\$ 10.9	\$ —	\$ —	\$ (1.4)	\$ 134.5
Common Stock	195.2	—	—	(10.1)	0.6	340.0	—	(307.1)	—	218.6
Preferred Stock	4.4	12.1 c	(4.8) d	—	0.4	—	—	—	—	12.1
Separate Account	20,667.3	—	(186.0) e	4.6	48.0	498.3	—	(3.1)	(51.6)	20,977.5
Total	<u>\$20,967.0</u>	<u>\$ 36.3</u>	<u>\$ (192.8)</u>	<u>\$ (5.5)</u>	<u>\$ 51.7</u>	<u>\$ 849.2</u>	<u>\$ —</u>	<u>\$ (310.2)</u>	<u>\$ (53.0)</u>	<u>\$21,342.7</u>

(a) The Company transferred bonds into Level 3 that were measured and reported at fair value.

(b) The Company transferred bonds out of Level 3 that were not measured and reported at fair value.

(c) The Company transferred preferred stocks into Level 3 that were measured and reported at fair value.

(d) The Company transferred preferred stocks out of Level 3 that were not measured and reported at fair value.

(e) As a result of the adoption of SSAP 10R, the Company elected the NAV practical expedient for certain separate account assets that have been transferred out of Level 3.

(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) a. Derivative assets and liabilities fair value disclosures on a gross basis are included in 20.A.1 above.

b. Since there are no derivative assets or liabilities measured and reported at fair value classified in Level 3, the reconciliation disclosures required under 20.A.2 and 20.A.3 are not applicable. For disclosures required under 20.A.4 see 20.B.

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, 2019. 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. Common stock, preferred stock, and separate account assets in Level 1 primarily include mutual fund investments valued by the respective mutual fund companies, exchange listed equities, and public real estate investment trusts. Bonds included in level 1 represent SVO-identified exchange traded funds that qualify for bond treatment, which are valued using quoted market prices. Cash, cash equivalents and short term investments included in Level 1 represents cash on hand.

Level 2 financial instruments

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

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

NOTES TO FINANCIAL STATEMENTS

Derivative assets and liabilities classified in Level 2 represent over-the-counter instruments that include, but are not limited to, fair value hedges using foreign currency swaps, foreign currency forwards, commodity forwards, interest rate swaps and credit default swaps. Fair values for these instruments are determined internally using market observable inputs that include, but are not limited to, forward currency rates, interest rates, credit default rates and published observable market indices.

Other invested assets in level 2 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 short term government agency notes and commercial paper.

Cash, cash equivalents, and short-term investments included 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.

Estimated fair value for privately traded equity securities are principally determined using valuation and discounted cash flow models that require a substantial level of judgment.

Mortgage loans are valued using discounted cash flow models that utilize inputs which include loan and market interest rates, credit spreads, the nature and quality of underlying collateral and the remaining term of the loans. 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 assets classified as Level 3 primarily include directly owned real estate properties, real estate joint ventures and real estate limited partnerships. Directly owned real estate properties are valued on a quarterly basis based on independent third party appraisals. Real estate joint venture interests are valued based on the fair value of the underlying real estate, any related mortgage loans payable and other factors such as ownership percentage, ownership rights, buy/sell agreements, distribution provisions and capital call obligations. Real estate limited partnership interests are valued based on the most recent net asset value of the partnership.

Separate account liabilities are accounted for at fair value, except the TIAA Stable Value Separate Account, which supports book value separate account agreements, in which case the assets are accounted for at amortized cost. Separate account liabilities 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.

Derivatives assets or liabilities classified as Level 3 represent structured financial instruments that rely on inputs that are significant to the estimated fair value that are not observable in the market or cannot be corroborated by observable market data. Significant inputs that are unobservable generally include references to inputs outside the observable portion of credit curves or other relevant market measures. These unobservable inputs require significant management judgment or assumptions. Level 3 methodologies are validated through periodic comparison of the Company's fair values to external broker-dealer values.

NOTES TO FINANCIAL STATEMENTS**C. Aggregate fair value for all financial instruments**

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

Assets:	Aggregate Fair Value	Admitted Assets	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Not Practicable (Carrying Value)
Bonds	\$ 197,770,306,852	\$ 188,509,169,268	\$ 1,297,177,706	\$ 191,187,913,503	\$ 5,285,215,643	\$ —	\$ —
Common Stock	920,392,087	920,392,087	701,825,642	—	218,566,445	—	—
Preferred Stock	343,989,915	272,053,145	40,721,909	18,900,000	284,368,006	—	—
Mortgage Loans	31,476,081,267	31,405,834,668	—	—	31,476,081,267	—	—
Derivatives.....	933,914,963	858,675,938	—	394,460,370	539,454,593	—	—
Other invested assets	92,305,599	76,066,378	—	92,305,599	—	—	—
Contract Loans	1,852,967,531	1,852,967,531	—	—	1,852,967,531	—	—
Separate Accounts	40,279,611,668	40,270,541,935	13,494,695,689	5,611,907,576	20,987,015,352	185,993,051	—
Cash, Cash Equivalents and Short Term Investments.....	130,667,579	130,667,579	117,167,579	13,500,000	—	—	—
Total	\$ 273,800,237,461	\$ 264,296,368,529	\$ 15,651,588,525	\$ 197,318,987,048	\$ 60,643,668,837	\$ 185,993,051	\$ —

Liabilities	Aggregate Fair Value	Statement Value	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Not Practicable (Carrying Value)
Deposit-type contracts	\$ 1,120,644,024	\$ 1,120,644,024	\$ —	\$ —	\$ 1,120,644,024	\$ —	\$ —
Separate Accounts.....	40,221,767,204	40,221,767,204	—	—	40,221,767,204	—	—
Derivatives	158,682,280	149,472,400	—	158,238,632	443,648	—	—
Total	\$ 41,501,093,508	\$ 41,491,883,628	\$ —	\$ 158,238,632	\$ 41,342,854,876	\$ —	\$ —

D. Not applicable.

E. See 20.A.

21. Other Items

No material change

22. Events Subsequent

Subsequent events have been considered through May 7, 2019 for the statutory statement issued on May 7, 2019. 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

A. Reserves as of March 31, 2019 were \$1,029. As of March 31, 2019, no material amounts have been paid for incurred claims and claim adjustment expenses attributed to insured events of prior years. There are no reserves for prior years. See Schedule H - Part 3 and Five Year Historical Data. Original estimates are increased or decreased as additional information becomes known regarding individual claims. However, no significant trends or unanticipated events were noted in 2019. None of the Company's accident and health contracts are subject to retrospective rating or experience refunds.

B. During 2019 there were no changes in methodologies and assumptions used in calculating the liability for unpaid losses and loss adjustment expenses.

26. Intercompany Pooling Arrangements

Not applicable.

27. Structured Settlements

Not applicable.

NOTES TO FINANCIAL STATEMENTS

28. Health Care Receivables

Not applicable.

29. Participating Policies

Not applicable.

30. Premium Deficiency Reserves

No material change

31. Reserves for Life Contracts and Annuity Contracts

No material change

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

No material change

33. Premiums and Annuity Considerations Deferred and Uncollected

No material change

34. Separate Accounts

No material change

35. Loss/Claims Adjustment Expense

No material change

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA
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? Yes [X] No []
 If yes, complete Schedule Y, Parts 1 and 1A.
- 3.2 Have there been any substantial changes in the organizational chart since the prior quarter end? Yes [] No [X]
- 3.3 If the response to 3.2 is yes, provide a brief description of those changes.
- 3.4 Is the reporting entity publicly traded or a member of a publicly traded group? Yes [] No [X]
- 3.5 If the response to 3.4 is yes, provide the CIK (Central Index Key) code issued by the SEC for the entity/group.
- 4.1 Has the reporting entity been a party to a merger or consolidation during the period covered by this statement? Yes [] No [X]
 If yes, complete and file the merger history data file with the NAIC for the annual filing corresponding to this period.
- 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 Name of Entity	2 NAIC Company Code	3 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? Yes [] No [X] N/A []
 If yes, attach an explanation.
- 6.1 State as of what date the latest financial examination of the reporting entity was made or is being made. 12/31/2013
- 6.2 State the as of date that the latest financial examination report became available from either the state of domicile or the reporting entity. This date should be the date of the examined balance sheet and not the date the report was completed or released. 12/31/2013
- 6.3 State as of what date the latest financial examination report became available to other states or the public from either the state of domicile or the reporting entity. This is the release date or completion date of the examination report and not the date of the examination (balance sheet date). 06/10/2015
- 6.4 By what department or departments?
 New York State Department of Financial Services
- 6.5 Have all financial statement adjustments within the latest financial examination report been accounted for in a subsequent financial statement filed with Departments? Yes [] No [] N/A [X]
- 6.6 Have all of the recommendations within the latest financial examination report been complied with? Yes [] No [] N/A [X]
- 7.1 Has this reporting entity had any Certificates of Authority, licenses or registrations (including corporate registration, if applicable) suspended or revoked by any governmental entity during the reporting period? Yes [] No [X]
- 7.2 If yes, give full information:
- 8.1 Is the company a subsidiary of a bank holding company regulated by the Federal Reserve Board? Yes [] No [X]
- 8.2 If response to 8.1 is yes, please identify the name of the bank holding company.
- 8.3 Is the company affiliated with one or more banks, thrifts or securities firms? Yes [X] No []
- 8.4 If response to 8.3 is yes, please provide below the names and location (city and state of the main office) of any affiliates regulated by a federal regulatory services agency [i.e. the Federal Reserve Board (FRB), the Office of the Comptroller of the Currency (OCC), the Federal Deposit Insurance Corporation (FDIC) and the Securities Exchange Commission (SEC)] and identify the affiliate's primary federal regulator.

1 Affiliate Name	2 Location (City, State)	3 FRB	4 OCC	5 FDIC	6 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
Teachers Personal Investors Services, Inc.	New York, New York				YES
Nuveen Securities, LLC.	Chicago, Illinois				YES

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA
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? Yes [X] No []
 (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.
- 9.11 If the response to 9.1 is No, please explain:
- 9.2 Has the code of ethics for senior managers been amended? Yes [X] No []
- 9.21 If the response to 9.2 is Yes, provide information related to amendment(s).
 Minor changes were made to the Code of Business Conduct (the "Code"), to update language referring to the company's centennial, and to reflect new jurisdictions for the helpline. The Code was approved by the Risk and Compliance Committee of the TIAA Board of Trustees on December 5, 2018 as the 2019 version.
- 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:
 Securities and/or cash collateral for derivatives: Morgan Stanley & Co LLC \$3,214,651, UBS Securities LLC \$1,948,273, Bank of Montreal \$9,720,000, Royal Bank of Canada \$3,220,000, Credit Suisse International \$960,000, Credit Agricole \$660,000 and UBS AG \$40,000;
 Federal Home Loan Bank of New York (FHLB NY): Collateral \$700,943,099, Capital Stock \$113,087,400;
 State deposits: \$17,178,749;
 Forward Loan Purchase agreements: \$10,000,000;
 Other Restricted Assets: \$70,200,000
12. Amount of real estate and mortgages held in other invested assets in Schedule BA: \$ 7,394,381,416
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 [X] No []
- 14.2 If yes, please complete the following:

	1 Prior Year-End Book/Adjusted Carrying Value	2 Current Quarter Book/Adjusted Carrying Value
14.21 Bonds	\$ 756,659,333	\$ 753,630,426
14.22 Preferred Stock	\$	\$
14.23 Common Stock	\$ 5,025,601,191	\$ 5,017,432,849
14.24 Short-Term Investments	\$	\$
14.25 Mortgage Loans on Real Estate	\$	\$
14.26 All Other	\$ 23,422,084,342	\$ 23,565,467,323
14.27 Total Investment in Parent, Subsidiaries and Affiliates (Subtotal Lines 14.21 to 14.26)	\$ 29,204,344,866	\$ 29,336,530,598
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 [X] No []
- 15.2 If yes, has a comprehensive description of the hedging program been made available to the domiciliary state? Yes [X] No []
 If no, attach a description with this statement.
16. For the reporting entity's security lending program, state the amount of the following as of the current statement date:
- 16.1 Total fair value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2 \$ 579,674,944
- 16.2 Total book adjusted/carrying value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2 \$ 579,674,944
- 16.3 Total payable for securities lending reported on the liability page. \$ 579,674,944

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA
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
JP Morgan 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
Churchill Asset Management LLC	A.....
Teachers Advisors, LLC	A.....
Nuveen Alternatives Advisors, LLC	A.....
Nicholas Liolis, Chief Investment Officer	I.....

- 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 assets? Yes [] No []

- 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 assets? Yes [] No []

- 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
175092	Churchill Asset Management, LLC	549300TE7GGVUFY19X77	Securities and Exchange Commission	DS.....
107157	Teachers Advisors, LLC	Q3EVPQ17HQS1MVRLOU14	Securities and Exchange Commission	DS.....
160255	Nuveen Alternatives Advisors, LLC	549300MFBTJNNQKJX98	Securities and Exchange Commission	DS.....

- 18.1 Have all the filing requirements of the Purposes and Procedures Manual of the NAIC Investment Analysis Office been followed? Yes [] No [X]

- 18.2 If no, list exceptions:

At March 31, 2019, 13 bond instruments from nine issuers did not meet the filing requirements of the Purposes and Procedures Manual of the NAIC Investment Analysis Office. Each of the 13 bond instruments did not have audited financial statements available as of the reporting date. Exceptions totaled \$82,657,277.40 or 0.0414% of all long-term bonds, equities, and Replication Synthetic Asset Transactions (RSATs).

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 [X] No []

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]

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA
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 \$1,098,441,998
 1.13 Commercial Mortgages \$30,305,891,766
 1.14 Total Mortgages in Good Standing \$31,404,333,765
- 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 \$599,400
 1.33 Commercial Mortgages \$
 1.34 Total Mortgages with Interest Overdue more than Three Months \$599,400
- 1.4 Long-Term Mortgage Loans in Process of Foreclosure
- 1.41 Farm Mortgages \$
 1.42 Residential Mortgages \$901,503
 1.43 Commercial Mortgages \$
 1.44 Total Mortgages in Process of Foreclosure \$901,503
- 1.5 Total Mortgage Loans (Lines 1.14 + 1.21 + 1.34 + 1.44) (Page 2, Column 3, Lines 3.1 + 3.2) \$31,405,834,668
- 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 [X]
- 5.2 If no, explain:

- 6.1 Does the reporting entity have outstanding assessments in the form of liens against policy benefits that have increased surplus? Yes [] No []
- 6.2 If yes, what is the date(s) of the original lien and the total outstanding balance of liens that remain in surplus?

Date	Outstanding Lien Amount
.....

SCHEDULE S - CEDED REINSURANCE

Showing All New Reinsurance Treaties - Current Year to Date

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

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE T - PREMIUMS AND ANNUITY CONSIDERATIONS

Current Year To Date - Allocated by States and Territories

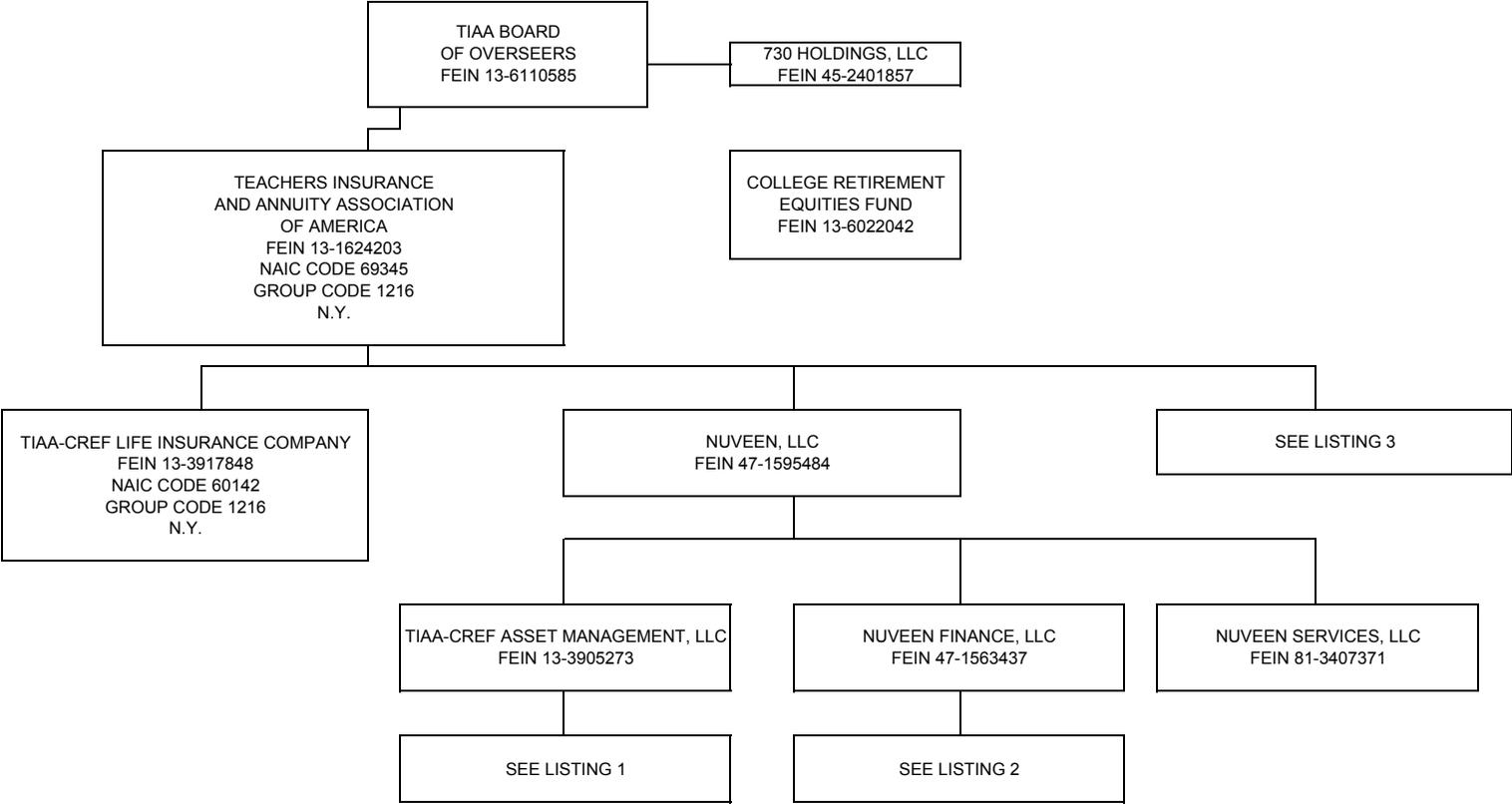
States, Etc.	1	Life Contracts		Direct Business Only			
		2	3	4	5	6	7
	Active Status (a)	Life Insurance Premiums	Annuity Considerations	Accident and Health Insurance Premiums, Including Policy, Membership and Other Fees	Other Considerations	Total Columns 2 Through 5	Deposit-Type Contracts
1. Alabama	AL	L	586,043	27,904,503	44,949	28,535,496	580,748
2. Alaska	AK	L	64,850	3,126,814	2,323	3,193,987	148,046
3. Arizona	AZ	L	670,487	26,227,507	48,894	26,946,888	844,321
4. Arkansas	AR	L	410,739	22,080,319	18,732	22,509,790	110,041
5. California	CA	L	3,920,104	186,081,919	156,809	190,158,831	6,750,894
6. Colorado	CO	L	795,291	59,013,017	13,261	59,821,569	1,437,607
7. Connecticut	CT	L	1,391,458	837,178,090	56,748	838,626,296	1,371,192
8. Delaware	DE	L	226,620	11,967,343	9,742	12,203,705	196,036
9. District of Columbia	DC	L	289,502	52,085,351	37,844	52,412,698	406,182
10. Florida	FL	L	1,810,393	115,577,654	212,195	117,600,242	3,560,546
11. Georgia	GA	L	957,110	60,259,658	22,719	61,239,487	1,255,103
12. Hawaii	HI	L	272,682	11,481,118	21,176	11,774,976	794,891
13. Idaho	ID	L	141,254	8,585,702	11,663	8,738,619	992,779
14. Illinois	IL	L	2,045,679	125,596,816	187,865	127,830,360	2,417,791
15. Indiana	IN	L	919,064	47,553,278	57,241	48,529,583	1,369,584
16. Iowa	IA	L	739,987	66,109,304	39,737	66,889,028	283,929
17. Kansas	KS	L	347,430	29,510,224	29,621	29,887,274	27,331
18. Kentucky	KY	L	579,096	24,856,893	35,586	25,471,574	228,410
19. Louisiana	LA	L	405,720	11,037,777	15,776	11,459,273	518,944
20. Maine	ME	L	384,379	14,392,618	33,668	14,810,665	1,772,070
21. Maryland	MD	L	2,145,677	101,721,280	57,548	103,924,505	2,297,019
22. Massachusetts	MA	L	3,259,023	157,554,763	191,977	161,005,763	3,496,444
23. Michigan	MI	L	1,689,593	154,736,730	149,815	156,576,139	1,041,714
24. Minnesota	MN	L	468,198	98,991,242	25,893	99,485,333	1,463,629
25. Mississippi	MS	L	115,331	6,736,803	6,583	6,858,718	235,340
26. Missouri	MO	L	651,403	42,508,217	72,571	43,232,190	1,094,340
27. Montana	MT	L	111,245	4,153,152	2,300	4,266,697	668,614
28. Nebraska	NE	L	325,460	18,436,519	11,382	18,773,361	968,683
29. Nevada	NV	L	239,041	20,986,991	13,941	21,239,974	1,027,450
30. New Hampshire	NH	L	553,193	18,124,651	26,869	18,704,714	725,623
31. New Jersey	NJ	L	3,288,525	289,468,734	231,997	292,989,256	4,472,323
32. New Mexico	NM	L	321,052	9,963,961	24,111	10,309,124	1,095,349
33. New York	NY	L	7,828,654	775,702,265	399,247	783,930,166	6,041,050
34. North Carolina	NC	L	1,602,425	72,591,472	42,708	74,236,605	2,073,366
35. North Dakota	ND	L	119,841	7,742,520	6,705	7,869,066	.....
36. Ohio	OH	L	1,324,620	124,530,144	82,837	125,937,602	1,689,833
37. Oklahoma	OK	L	387,850	14,226,493	27,580	14,641,923	1,725,264
38. Oregon	OR	L	516,911	25,323,987	32,257	25,873,156	2,400,610
39. Pennsylvania	PA	L	3,894,416	232,452,315	229,749	236,576,481	4,314,318
40. Rhode Island	RI	L	459,481	20,834,308	4,878	21,298,667	142,930
41. South Carolina	SC	L	504,325	19,074,734	5,938	19,584,997	329,807
42. South Dakota	SD	L	99,661	2,408,926	2,850	2,511,437	500,186
43. Tennessee	TN	L	1,001,915	30,390,520	55,527	31,447,963	1,139,104
44. Texas	TX	L	1,812,079	103,712,816	61,732	105,586,627	1,910,159
45. Utah	UT	L	347,267	32,573,130	27,834	32,948,231	698,206
46. Vermont	VT	L	304,589	19,234,306	40,683	19,579,578	266,231
47. Virginia	VA	L	1,785,174	93,146,116	148,698	95,079,988	2,565,518
48. Washington	WA	L	920,920	67,405,053	95,489	68,421,462	5,658,134
49. West Virginia	WV	L	334,220	21,259,309	47,414	21,640,943	1,664,214
50. Wisconsin	WI	L	749,078	23,439,327	8,239	24,196,644	1,180,910
51. Wyoming	WY	L	62,384	5,083,797	3,684	5,149,865	16,029
52. American Samoa	AS	N	.....	.....	.....	.....	.....
53. Guam	GU	N	.....	144	.....	144	.....
54. Puerto Rico	PR	L	39,409	3,308,158	.....	3,347,567	1,305,260
55. U.S. Virgin Islands	VI	L	10,483	1,088,456	.....	1,098,939	.....
56. Northern Mariana Islands	MP	N	.....	.....	.....	.....	.....
57. Canada	CAN	N	306	1,412,504	.....	1,412,811	64,401
58. Aggregate Other Aliens	OT	XXX	14,556	1,965,122	.....	1,979,678	328,627
59. Subtotal	XXX	54,246,198	4,362,914,873	3,195,583	.....	4,420,356,653	79,667,132
90. Reporting entity contributions for employee benefits plans	XXX	.....	20,727,326	.....	.....	20,727,326	.....
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	2,166,342	.....	.....	.....	2,166,342	.....
94. Aggregate or other amounts not allocable by State	XXX	.....	.....	.....	.....	.....	.....
95. Totals (Direct Business)	XXX	56,412,539	4,383,642,199	3,195,583	.....	4,443,250,321	79,667,132
96. Plus Reinsurance Assumed	XXX	.....	.....	.....	.....	.....	.....
97. Totals (All Business)	XXX	56,412,539	4,383,642,199	3,195,583	.....	4,443,250,321	79,667,132
98. Less Reinsurance Ceded	XXX	47,676	.....	3,194,294	.....	3,241,970	.....
99. Totals (All Business) less Reinsurance Ceded	XXX	56,364,863	4,383,642,199	1,289	.....	4,440,008,351	79,667,132
DETAILS OF WRITE-INS							
58001. ZZZ Other Alien	XXX	14,556	1,965,122	.....	.....	1,979,678	328,627
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	14,556	1,965,122	.....	.....	1,979,678	328,627
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..... 53
- E - Eligible - Reporting entities eligible or approved to write surplus lines in the state.....
- N - None of the above - Not allowed to write business in the state..... 4
- R - Registered - Non-domiciled RRGs.....
- Q - Qualified - Qualified or accredited reinsurer.....

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

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA
 SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP
 PART 1 - ORGANIZATIONAL CHART



STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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	46-3689185	SUBSIDIARY
Teachers Personal Investors Services, Inc.	13-3752992	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
AGR Services LLC	36-4853278	SUBSIDIARY (1)
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
GTFP GP, LLC	20-8501127	SUBSIDIARY
GWR-GTFP Investment, LLC	20-8955976	SUBSIDIARY
GWR International Ltd.		SUBSIDIARY
GWR China Ltd.	20-3188681	SUBSIDIARY
GreenWood Resources China Ltd.	98-0595429	SUBSIDIARY
GWR SA, Ltd.		SUBSIDIARY
GreenWood Resources Chile S.A.		SUBSIDIARY
GWR Europe Ltd.	98-1016332	SUBSIDIARY
GreenWood Resources Poland sp Z.o.o.	98-1016335	SUBSIDIARY
GWR Property Management International, LLC	47-4657075	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.	83-1177850	SUBSIDIARY
Churchill Fund GP II Sarl	98-1449979	SUBSIDIARY
Churchill Special Member LLC	82-0735938	SUBSIDIARY
Churchill Warehouse LLC	82-3784145	SUBSIDIARY
TGAM Churchill Fund GP LLC	47-1817732	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
Global Ag Properties II USA LLC	47-1069783	SUBSIDIARY
Oakville 38 Vineyard, LLC	81-3394580	SUBSIDIARY
Sugarloaf East Vineyard, LLC	47-3001338	SUBSIDIARY
True Oak Napa Vineyard, LLC	47-4945982	SUBSIDIARY
GTR Investor Fund GP LLC	83-2245173	SUBSIDIARY
NAP Investors GP, LLC		SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
Nuveen Alternative Holdings, LLC (continued)		
Nuveen Alternatives Advisors, LLC	45-4288013	SUBSIDIARY
TPS Investors GP, LLC		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 International Holdings LLC	26-2719001	SUBSIDIARY
Nuveen Australia Pty Ltd		SUBSIDIARY
Nuveen Canada Company		SUBSIDIARY
Nuveen Investments Canada Co.		SUBSIDIARY
Nuveen Japan Co., Limited		SUBSIDIARY
Nuveen UK, Limited		SUBSIDIARY
TGAM Subsidiary HC LLC	81-4349631	SUBSIDIARY
TGAM APAC LLC	81-4290269	SUBSIDIARY (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)
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)
TCGA BT AIV, LLC	46-5367344	SUBSIDIARY
TCGA Investor Fund GP, LLC	45-5139523	SUBSIDIARY
TCGA II Investor Fund GP, LLC	47-3511076	SUBSIDIARY
T-C U.S. Super Regional Mall Fund GP LLC	47-3126089	SUBSIDIARY
Nuveen Real Estate Property Holdings L.L.C.	06-1217855	SUBSIDIARY
Casa Grande Investments I, LLC	06-1384746	SUBSIDIARY
Casa Grande Investments II, LP	01-0588041	SUBSIDIARY
Casa Partners VI GP, LLC	30-0794692	SUBSIDIARY
CASA Partners VIII GP, LLC	82-4363605	SUBSIDIARY
Casa Student Housing Fund GP, LLC	47-2134971	SUBSIDIARY
Global Investors GP, L.L.C.	36-4477806	SUBSIDIARY
Global Investors GP II, L.L.C.	20-2537749	SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
Nuveen Alternative Holdings, LLC (continued)		
Nuveen Real Estate Global LLC	81-4262460	SUBSIDIARY
Nuveen Real Estate Global Cities Advisors LLC	82-3426937	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
U.S. Cities Retail Fund GP LLC	82-4054235	SUBSIDIARY
U.S. Cities Multifamily Fund GP LLC		SUBSIDIARY
Nuveen Canada Company		SUBSIDIARY
U.S. Cities Multifamily Fund REIT LLC		SUBSIDIARY
U.S. Cities Multifamily Fund Operating GP LLC		SUBSIDIARY
U.S. Cities Multifamily Fund Operating LP		SUBSIDIARY
USCMF Avion on Legacy LLC	83-2344355	SUBSIDIARY
USCMF Boulder Creek LLC	83-2434879	SUBSIDIARY
USCMF District at Washington LLC	83-2468856	SUBSIDIARY
USCMF Gramercy at Buckhead LLC	83-2447368	SUBSIDIARY
USCMF Marshall Park LLC	83-2531960	SUBSIDIARY
USCMF Metro 112 LLC	83-2409099	SUBSIDIARY
USCMF Stoneledge LLC	83-2422984	SUBSIDIARY
TGAM HK HC LLC	83-2515243	SUBSIDIARY
USCMF The Reserve at Tysons Corner LLC	83-2459693	SUBSIDIARY
Nuveen Permian Investor Asset Manager Member LLC	81-5466713	SUBSIDIARY
Nuveen Permian Investor GP Member LLC	82-0607358	SUBSIDIARY
Permian Investor GP LLC	81-5433582	SUBSIDIARY
TIAA International Holdings 1 Limited	98-1162850	SUBSIDIARY
Nuveen Real Estate Limited	98-1125673	SUBSIDIARY (10)
TIAA International Holdings 2 Limited	98-1163394	SUBSIDIARY
TIAA International Holdings 3 Limited	98-1163894	SUBSIDIARY
Nuveen Real Estate Limited	98-1125673	SUBSIDIARY (10)
Nuveen Europe Holdings Limited	98-1128805	SUBSIDIARY
Henderson European Retail Property Fund Management Sarl		SUBSIDIARY
Nuveen Alternatives Europe S.a.r.l		SUBSIDIARY
Nuveen Asset Management Europe S.a.r.l		SUBSIDIARY
TGAM International GP LLC	81-4300570	SUBSIDIARY
Nuveen Fund Management (Jersey) Limited		SUBSIDIARY
Nuveen Fund Management Vanquish (Jersey) Limited		SUBSIDIARY
Nuveen Fund Management Vanquish II (Jersey) Limited		SUBSIDIARY
Asia Pacific Cities Management S.a.r.l		SUBSIDIARY
Nuveen Management Company (Luxembourg) No 1 S.a.r.l		SUBSIDIARY
Nuveen Property Management (Jersey) Limited		SUBSIDIARY
Nuveen FCAO Ltd	98-1128787	SUBSIDIARY
Nuveen Real Estate Management Ltd		SUBSIDIARY
Global Investors GP IV, L.L.C.	20-3070768	SUBSIDIARY
TIAA-CREF Asset Management UK Ltd	98-0582851	SUBSIDIARY

- (1) AGR Services LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by AGR Partners LLC and 1% owned by Nuveen Alternative Holdings, LLC.
- (2) Greenwood Resources Brasil, Ltda. is ultimately controlled and owned entirely by TIAA, with 99% owned by GWR Property Management International, 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) 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, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP

PART 1 - ORGANIZATIONAL CHART

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

COMPANY	FEIN	RELATIONSHIP
Nuveen Alternative Holdings, LLC (continued)		
Nuveen Group Holdings Ltd	98-1127632	SUBSIDIARY
AREFM (BV) Limited		AFFILIATE
CLOF II (GP) Limited		SUBSIDIARY
CLOF II Vanquish Limited		SUBSIDIARY
CLOF II (No 1 GP) Limited		SUBSIDIARY
CLOF II (No 1 Nominee) Limited		SUBSIDIARY
CLOF II (No 2 GP) Limited		SUBSIDIARY
CLOF II (No 3 GP) Limited	98-1165678	SUBSIDIARY
Enhanced Debt Carry (GP) S.à.r.l		SUBSIDIARY
Enhanced Debt Carry SCSp		SUBSIDIARY
ERES APAC II (GP) S.à.r.l		SUBSIDIARY
European Cities Partnership (GP) S.à.r.l		SUBSIDIARY
European Cities Partnership SCSp		AFFILIATE (11)
Henderson Joint Ventures Property Funds Management S.à.r.l		SUBSIDIARY
Isiazul General Partner S.à.r.l		SUBSIDIARY
Matador LP General Partner Limited		SUBSIDIARY
Nuveen Beteiligung Verwaltungs GmbH		SUBSIDIARY
Nuveen Immobilien GmbH		AFFILIATE
Anglo-Sino Henderson Investment Consultancy (Beijing) Co Limited		SUBSIDIARY
Nuveen Consulting (Shanghai) Co Ltd		SUBSIDIARY
Nuveen Management Austria GmbH		SUBSIDIARY
Nuveen Management Finland Oy		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 (12)
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
Nuveen Real Estate (Australia) Ltd.		SUBSIDIARY
Nuveen (France) SAS		SUBSIDIARY
TH Real Estate Limited		SUBSIDIARY
TH Real Estate PELV GP S.à.r.l		SUBSIDIARY
Nuveen Corporate Secretarial Services Limited		SUBSIDIARY
Nuveen Italy Srl		SUBSIDIARY
Nuveen Operations 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

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
Nuveen Alternative Investments, LLC	36-4839486	SUBSIDIARY
Nuveen Fund Advisors, LLC	31-0942504	SUBSIDIARY
Nuveen Asset Management, LLC	27-4357327	SUBSIDIARY
NIS/R&T, Inc.	36-3293941	SUBSIDIARY
Nuveen WCM Holdings, LLC	37-1695518	SUBSIDIARY
Winslow Capital Management, LLC	90-0860898	SUBSIDIARY
Growth Capital GP I, LLC	81-0730906	SUBSIDIARY
Nuveen NWQ Holdings, LLC	36-4709028	SUBSIDIARY
NWQ Partners, LLC	30-0892190	SUBSIDIARY
NWQ Investment Management Company, LLC	47-0875103	SUBSIDIARY
Nuveen Securities, LLC	36-2639476	SUBSIDIARY
Santa Barbara Asset Management, LLC	20-3432117	SUBSIDIARY
Symphony Asset Management LLC	94-3252504	SUBSIDIARY (16)
Nuveen Investments Holdings, Inc.	36-7364377	SUBSIDIARY
Symphony Asset Management LLC	94-3252504	SUBSIDIARY (16)
Symphony Risk Retention Finance LLC		SUBSIDIARY
SRR 1 LLC	30-1032009	SUBSIDIARY
Colinvest Member LLC	82-1157427	SUBSIDIARY
CLO Colinvest I LLC		SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
Nuveen Alternative Holdings, LLC (continued)		
Nuveen Real Estate U.S. Strategic Industrial Fund I GP, LLC	81-2388576	SUBSIDIARY
TIAA Global Ag Special Member LLC	45-1532009	SUBSIDIARY
Global Agriculture AIV, LLC	45-1502502	SUBSIDIARY
Global AG US Corp.	45-1502684	SUBSIDIARY
TIAA Global Ag II Special Member LLC	81-1749609	SUBSIDIARY
TPS Investors Carry-Co, LLC	82-2126174	SUBSIDIARY
U.S. Cities Fund GP, LLC	20-1394681	SUBSIDIARY
U.S. Cities Fund, LP	20-1371171	SUBSIDIARY (13)
U.S. Cities Industrial Fund GP LLC	81-3647870	SUBSIDIARY
U.S. Cities Multifamily CPF Fund GP LLC	81-3698954	SUBSIDIARY
U.S. Cities Office Fund GP LLC	81-3734470	SUBSIDIARY
U.S. Cities Retail CPF Fund GP LLC	81-3493929	SUBSIDIARY
Westchester Group Investment Management Holding Company, Inc.	27-3416812	SUBSIDIARY
Westchester Group Investment Management, Inc.	27-3417683	SUBSIDIARY
Plata Wine Partners, LLC	87-0735518	SUBSIDIARY
Premier Agricultural Management International, LLC	26-2747489	SUBSIDIARY
Terra Land Co.	37-1261935	SUBSIDIARY
The Plata Wine Partners Trust	37-6589484	SUBSIDIARY
Westchester Group Asset Management, Inc.	37-1193972	SUBSIDIARY
Westchester Group Farm Management, Inc.	37-1193973	SUBSIDIARY
Westchester Group of Australia Pty Ltd.		SUBSIDIARY
Westchester Group of Europe Ltd.		SUBSIDIARY
Westchester Group of Poland Sp. Z.o.o.		SUBSIDIARY (14)
Westchester Group SRL		SUBSIDIARY (14)
Westchester Group Real Estate, Inc.	37-1194491	SUBSIDIARY
Westchester Group South America Gestao de Investimentos Ltda.		SUBSIDIARY (15)
Westchester Group South America Gestao de Investimentos Ltda.		SUBSIDIARY (15)

(11) 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.

(12) 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.

(13) U.S. Cities Fund, LP is controlled by TIAA, and partially owned indirectly by ND Properties, Inc., which owns 37.37%, and U.S. Cities Fund GP, LLC, which owns less than .01%.

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

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

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

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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	COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP
485 Properties, LLC	13-3987258	SUBSIDIARY	CCM Series, LLC	13-1624203	SUBSIDIARY	Dionysus Properties, LLC (continued)		
JWL Properties, Inc.	13-3371278	SUBSIDIARY	CCAP Fund 6 - 2015, L.P.	47-4069196	SUBSIDIARY	Silverado Winegrowers Holdings, LLC	43-3997217	SUBSIDIARY
T-Investment Properties Corp.	13-3550737	SUBSIDIARY	CCAP Fund 6 - 2016, L.P.	81-1205888	SUBSIDIARY	Silverado Winegrowers LLC	68-0443927	SUBSIDIARY
TCPC Associates, LLC	16-1735872	SUBSIDIARY	CCAP Fund 6 - 2017, L.P.	81-4732595	SUBSIDIARY	Alta Loma Vineyard, LLC	94-3357571	SUBSIDIARY
730 Data Centers, LLC	81-3091169	SUBSIDIARY	CCAP Fund 6 - 2018, L.P.	82-3167396	SUBSIDIARY	Oak Knoll Napa Vineyards, LLC	94-3312405	SUBSIDIARY
730 Aviator, LLC	82-0793232	SUBSIDIARY	CCAP Fund 6 - 2019, L.P.	83-2787412	SUBSIDIARY	Silverado Suscol, LLC	91-1806950	SUBSIDIARY
730 Databridge, LLC	81-3106043	SUBSIDIARY	CCAP Fund 8 - 2015, L.P.	47-4079472	SUBSIDIARY	SWG Paso Vineyard, LLC	45-4820104	SUBSIDIARY
730 Power Development, LLC	47-2616735	SUBSIDIARY	CCAP Fund 8 - 2016, L.P.	81-1212188	SUBSIDIARY	Distressed Opportunities Fund, L.P.	26-3561447	SUBSIDIARY
730 Carroll, LLC	47-2622825	SUBSIDIARY	CCAP Fund 8 - 2017, L.P.	81-3718876	SUBSIDIARY	DWM Inclusive Finance Equity Fund II		AFFILIATE
730 Telecom, LLC	47-5363027	SUBSIDIARY	CCAP Fund 8 - 2018, L.P.	82-3182368	SUBSIDIARY	DWM Microfinance Equity Fund I	98-0580879	AFFILIATE
730 Texas Forest Holdings, Inc.	13-4042885	SUBSIDIARY	CCAP Fund 8 - 2019, L.P.	83-2793857	SUBSIDIARY	Enterprise Homes Preservation Fund, LLC		SUBSIDIARY
730 Texas Timberlands II, Ltd.	51-0494351	SUBSIDIARY (17)	CCAP Fund GE, L.P.	81-0784669	SUBSIDIARY	Envisage Information Systems, LLC	04-3718449	SUBSIDIARY
730 Texas Timberlands, Ltd.	13-4042888	SUBSIDIARY (18)	CCAP Fund HFD, L.P.	81-0821374	SUBSIDIARY	EPP LFG I, LLC	30-0701953	AFFILIATE
730 Texas Timberlands II, Ltd.	51-0494351	SUBSIDIARY (17)	CCAP Fund HFND, L.P.	81-0758188	SUBSIDIARY	Global Real Estate Debt Partners - Fund I (UK)		SUBSIDIARY (21)
TIAA Timberlands I, LLC	13-4040842	SUBSIDIARY	CCM Series 2, LLC	13-1624203	SUBSIDIARY	Global Real Estate Debt Partners - Fund II (UK) SCSp		AFFILIATE (12)
730 Texas Timberlands, Ltd.	13-4042888	SUBSIDIARY (18)	CCAP Fund FI, L.P.	81-0753491	SUBSIDIARY	Gresham CMS Fund, LLC	20-1930384	SUBSIDIARY
TIAA Timberlands II, LLC	13-4085431	SUBSIDIARY	Ceres Agricultural Properties, LLC	56-2672630	SUBSIDIARY	GreshamQuant ACAR Fund LLC	32-0509812	SUBSIDIARY
Active Extension Fund III, LLC	26-1870966	SUBSIDIARY	Premiere Agricultural Properties, LLC	37-1565322	SUBSIDIARY	Growth Capital Fund I, L.P.	81-0737062	SUBSIDIARY
Actoil, LLC	38-3847245	SUBSIDIARY	Loma del Rio Vineyards, LLC	80-0843991	SUBSIDIARY (19)	Inception GP LLC		SUBSIDIARY
Great Western Petroleum LLC	46-3373068	AFFILIATE	Premiere Columbia Properties, LLC	36-4620107	SUBSIDIARY	Inception Partners IV, LP	46-2031403	AFFILIATE
Great Western Exploration & Development, Inc.		AFFILIATE	Premiere Farm Properties, LLC	30-0449681	SUBSIDIARY	Inception Partners V, LP	46-2062147	AFFILIATE
Almond Processors, LLC	45-2285816	SUBSIDIARY	Demeter Agricultural Properties II, LLC	26-3484719	SUBSIDIARY	Infra Alpha, LLC	27-4149157	SUBSIDIARY
ASC Holdings, LLC	46-1952974	AFFILIATE	International Agricultural Investors, LLC	26-0352203	SUBSIDIARY	EMG Investments, LLC	27-3900641	AFFILIATE
Broadleaf Timberland Investments, LLC	46-1952974	SUBSIDIARY	IAI Australia Trust		SUBSIDIARY	L&C Log Co, LLC	47-4187541	SUBSIDIARY
Quercus Forestland Account, LLC	26-4647417	SUBSIDIARY	IAI USA, LLC	26-0460488	SUBSIDIARY	L&C Tree Farms, LLC	47-4196668	SUBSIDIARY
Quercus Panama, LLC		SUBSIDIARY	International Agricultural Investors Fund II, LLC	26-2745365	SUBSIDIARY	L&C TRS LLC	47-5300478	SUBSIDIARY
Quercus Algoma Corporation		SUBSIDIARY	IAI Australia Fund II, Pty. Ltd.		SUBSIDIARY	Liberty M & R SPV II, LP	27-2007833	SUBSIDIARY
Quercus Algoma Land Corporation		SUBSIDIARY	IAI Australia Fund II Trust		SUBSIDIARY	Mansilla Participacoes LTDA		SUBSIDIARY (20)
Quercus West Virginia, LLC	46-2916514	SUBSIDIARY	IAI USA Fund II, LLC	26-2747755	SUBSIDIARY	Radar Propriedades Agricolas S.A.		AFFILIATE
Casa Student Housing Fund, LP	47-2130842	SUBSIDIARY	Churchill Middle Market CLO IV Ltd.	98-1402136	AFFILIATE	Nova Propriedades Agricolas S.A.		AFFILIATE
Shf-33d North Apts, LLC	47-3994280	SUBSIDIARY	Churchill Middle Market CLO IV Ltd.	98-1402136	AFFILIATE	Nova Agrícola Ponte Alta S.A.		AFFILIATE
Shf-Millennium One Apts, LLC	47-4155469	SUBSIDIARY	Demeter Agricultural Properties, LLC	26-3049305	SUBSIDIARY	Terras da Ponte Alta S.A.		AFFILIATE
Shf-The Rocks Apts, LLC	81-2450195	SUBSIDIARY	Mansilla Participacoes LTDA		SUBSIDIARY (20)	Radar II Propriedades Agricolas S.A.		AFFILIATE
PEP-TH CASA Student Housing, LLC	47-4255610	SUBSIDIARY	Dionysus Properties, LLC	45-2632248	SUBSIDIARY	Proud Participacoes S.A.		AFFILIATE
CSHF-PEP Purdue LLC	47-4455303	SUBSIDIARY	Silverado Premium Properties, LLC	94-3306131	SUBSIDIARY	Vale De Ponte Alta S.A.		AFFILIATE
CSHF-PEP USF LLC	30-0965548	SUBSIDIARY	IAI Australia Pty, LLC	26-2766605	SUBSIDIARY	Bioinvestments Negocios e Participacoes		AFFILIATE
			Chaik Ridge Vineyard, LLC	75-3025596	SUBSIDIARY	Aguas de Ponte Alta S.A.		AFFILIATE
			Hobson Avenue Vineyard, LLC	20-3964695	SUBSIDIARY	MM Funding, LLC	13-1624203	SUBSIDIARY
			Marsino Vineyard, LLC	26-1542713	SUBSIDIARY	MyVest Corporation	47-0902011	SUBSIDIARY
			Silverado Los Alamos Vineyards, LLC	20-2103733	SUBSIDIARY			
			Silverado Sonoma Vineyard, LLC	20-2103788	SUBSIDIARY			
			SPP Napa Vineyards, LLC	68-0466083	SUBSIDIARY			
			Stanly Ranch Vineyards, LLC	94-3361818	SUBSIDIARY			
			Suscol Mountain Vineyards, LLC	26-3774024	SUBSIDIARY			
			Terra Ventosa Vineyards, LLC	26-2766605	SUBSIDIARY			

(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) Mansilla Participacoes LTDA is ultimately controlled and owned entirely by TIAA, which directly owns 99.9%. Demeter Agricultural Properties, LLC, which is owned 100% by TIAA, owns 0.1%.

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

(12) 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.

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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)			ND Properties, Inc. (continued)		
Norteshopping Retail and Leisure Centre BV		SUBSIDIARY	SMA Holding S.à r.l.		SUBSIDIARY	U.S. Cities Office CPF Fund LP	81-3814378	SUBSIDIARY
Norteshopping - Centro Commercial, S.A.		SUBSIDIARY	70 St Mary Axe Unit Trust		SUBSIDIARY	U.S. Cities Office CPF Fund REIT LLC	81-3911937	SUBSIDIARY
TIAA Stafford-Harrison LLC	11-3034756	SUBSIDIARY	HV Properties S.à r.l.		SUBSIDIARY	U.S. Cities Office CPF Fund Operating GP LLC	81-3881522	SUBSIDIARY
ND Europe S.à r.l.		SUBSIDIARY	HV Freehold S.à r.l.		SUBSIDIARY	U.S. Cities Office CPF Fund Operating LP	81-3839479	SUBSIDIARY
ND Europe Office Holding S.à r.l.		SUBSIDIARY	TIAA Lux 9 S.à r.l.		SUBSIDIARY	T-C Township 14 LLC	38-4031398	SUBSIDIARY
Cityhold Nympe S.à r.l.		SUBSIDIARY	SAS Malachite		SUBSIDIARY	T-C World Trade Center North LLC	35-2589573	SUBSIDIARY
Cityhold Propco 11 S.à r.l.		SUBSIDIARY	SNC Garnet-TIAA		SUBSIDIARY	U.S. Cities Retail CPF Fund LP	81-3437405	SUBSIDIARY
Cityhold Euro S.à r.l.		SUBSIDIARY	SNC La Defense		SUBSIDIARY	U.S. Cities Retail CPF Fund REIT LLC	81-3573421	SUBSIDIARY
Cityhold Office Partnership S.à r.l.		SUBSIDIARY	SNC Peridot		SUBSIDIARY	U.S. Cities Retail CPF Fund Operating GP LLC	81-3578259	SUBSIDIARY
CHOP OPCl		SUBSIDIARY	T-C Neuperlach Development S.à r.l.		SUBSIDIARY	U.S. Cities Retail CPF Fund Operating LP	81-3473773	SUBSIDIARY
Cityhold Iconic Holding SAS	98-1435873	SUBSIDIARY	T-C Pep Holding S.à r.l.		SUBSIDIARY	CPF/UIR JV Member LLC	81-2914954	SUBSIDIARY
Cityhold Iconic Hotel SNC	98-1435967	SUBSIDIARY	T-C Pep Property S.à r.l.		SUBSIDIARY	CPF/UIR Joint Venture LLC	81-2928112	SUBSIDIARY
Cityhold Iconic Office SCI	98-1433956	SUBSIDIARY	T-C Pep Asset S.à r.l.		SUBSIDIARY	CPF 636 Sixth Avenue LLC	81-2955427	SUBSIDIARY
Cityhold Iconic Retail SNC	98-1433960	SUBSIDIARY	TIAA Lux 11 S.à r.l.		SUBSIDIARY	T-C 636 Sixth Avenue Retail LLC	47-2264739	SUBSIDIARY
Cityhold Iconic Youth Hostel SNC	98-1433975	SUBSIDIARY	Gropius Passagen Verwaltungs GmbH		SUBSIDIARY	CPF 856 Market Street LLC	81-2982618	SUBSIDIARY
Cityhold Nympe S.à r.l.		SUBSIDIARY	Gropius Passagen GmbH & Co KG		SUBSIDIARY	CPF 1511 Third Avenue LLC	81-2973332	SUBSIDIARY
Cityhold Propco 6 S.à r.l.		SUBSIDIARY	Gropius S.à r.l.		SUBSIDIARY	T-C 1608 Chestnut General Partner LLC		SUBSIDIARY
Cityhold Iconic Hotel OPCO SAS	98-1433939	SUBSIDIARY	Gropius Passagen GmbH & Co KG		SUBSIDIARY	1608 Chestnut Partners LP		SUBSIDIARY
Cityhold Iconic Investment S.à r.l.	98-1435880	SUBSIDIARY	Erlangen Arcaden GmbH & Co. KG		SUBSIDIARY	1608 Chestnut Partners LP		SUBSIDIARY
Cityhold Propco 9 S.à r.l.		SUBSIDIARY	Erlangen Arcaden Verwaltungs GmbH		SUBSIDIARY	T-C Potomac Promenade LLC	27-4116676	SUBSIDIARY
36 Rue La Fayette SAS		SUBSIDIARY	U.S. Cities Fund, LP	20-1371171	SUBSIDIARY	TCAM Core Prop Fund REIT 2 LLC	47-4935916	SUBSIDIARY
SAS Roosevelt		SUBSIDIARY	U.S. Cities Fund REIT, LLC	20-1371379	SUBSIDIARY	T-C 51 Sleeper Street LLC	47-4016470	SUBSIDIARY
Roosevelt Participation S.à r.l.		SUBSIDIARY	T-C Ocean Air, LLC	47-4841790	SUBSIDIARY	Nuveen Real Estate U.S. Strategic Industrial Fund I LP	81-2429791	SUBSIDIARY
SNC Roosevelt		SUBSIDIARY	U.S. Cities Fund Operating GP, LLC	20-1364650	SUBSIDIARY	Nuveen Real Estate U.S. Strategic Industrial Fund I Holdings, LLC	81-2410066	SUBSIDIARY
Roosvelt Participation S.à r.l.		SUBSIDIARY	U.S. Cities Fund Operating LP	20-1371235	SUBSIDIARY	Nuveen Real Estate U.S. Strategic Industrial Fund I Investors LP		SUBSIDIARY
Courcelles 70 SAS		SUBSIDIARY	T-C 3333 Wisconsin Avenue LLC	45-4768909	SUBSIDIARY	SIF 301 Business Center Investor Member LLC	82-3685468	SUBSIDIARY
Cityhold Euro S.à r.l.		SUBSIDIARY	T-C Ellington LLC	45-2612359	SUBSIDIARY	301 Business Centre, LLC		SUBSIDIARY
Cityhold Propco 7 S.à r.l.		SUBSIDIARY	T-C King Street Station LLC	26-1700245	SUBSIDIARY	Building 400 LLC		SUBSIDIARY
Cityhold Propco 10 S.à r.l.		SUBSIDIARY	T-C Falls Center Topshoes LLC	45-2892182	SUBSIDIARY	SIF 60 Chapin Road LLC	82-4088352	SUBSIDIARY
Redevelopment Property II B.V.	98-1438380	SUBSIDIARY	T-C Savier Street Flats LLC	47-2532161	SUBSIDIARY	SIF 4500 Dunham Street LLC	83-1232681	SUBSIDIARY
Cityhold Propco 12 S.à r.l.		SUBSIDIARY	T-C State House on Congress Apartments LLC	27-4160357	SUBSIDIARY	SIF EBP Member LLC	82-3959987	SUBSIDIARY
Cityhold EST Investment S.à r.l.		SUBSIDIARY	T-C Stonecrest LLC	14-2005711	SUBSIDIARY	EBP Owner 1 LLC	82-3944178	SUBSIDIARY
Cityhold GC Investment S.à r.l.		SUBSIDIARY	T-C Tria Apartments LLC	81-3629374	SUBSIDIARY	EBP Owner 2 LLC	30-1018623	SUBSIDIARY
OVG Cloud S.à r.l.		AFFILIATE	TCPF 300 SW 27 LLC	81-3738136	SUBSIDIARY	SIF Serrano Business Park Investor Member LLC	82-4165273	SUBSIDIARY
Cityhold Sterling S.à r.l.		SUBSIDIARY	U.S. Cities Industrial CPF Fund LP	81-3681230	SUBSIDIARY	CRPF Bain IV, LLC		SUBSIDIARY
Cityhold UK Holding S.à r.l.		SUBSIDIARY	U.S. Cities Industrial CPF Fund REIT LLC	81-3671343	SUBSIDIARY	Occator Agricultural Properties, LLC	26-4750562	SUBSIDIARY
Cityhold UK Investment S.à r.l.		SUBSIDIARY	U.S. Cities Industrial CPF Fund Operating LP	81-3757117	SUBSIDIARY	Materra, LLC	45-1763298	SUBSIDIARY
London Belgrave Unit Trust		SUBSIDIARY	T-C Hermosa Avenue LLC	36-4863777	SUBSIDIARY	AGR Agricultural Investments, LLC	46-1768969	SUBSIDIARY
New Fetter Lane Unit Trust		SUBSIDIARY	U.S. Cities Multifamily CPF Fund LP	81-3765537	SUBSIDIARY	Ridley Corporation Limited		AFFILIATE
60 Great Portland Street Unit Trust		SUBSIDIARY	U.S. Cities Multifamily CPF Fund REIT LLC	81-3870674	SUBSIDIARY	Mandala Food Co-Investment Holdings II SPV		SUBSIDIARY
London Belgrave Unit Trust		SUBSIDIARY	U.S. Cities Multifamily CPF Fund Operating GP LLC	81-3716920	SUBSIDIARY	Teays River Investments, LLC	26-4621336	AFFILIATE
CLOF Victoria Nominee 1 Limited		SUBSIDIARY	U.S. Cities Multifamily CPF Fund Operating GP LLC	81-3794811	SUBSIDIARY	Oleum Holding Company, Inc.	26-4248579	SUBSIDIARY
CLOF Victoria Nominee 2 Limited		SUBSIDIARY				Polar Star Canadian Oil and Gas Holding, Inc.		SUBSIDIARY
New Fetter Lane Unit Trust		SUBSIDIARY				Adastra Management, Inc.		SUBSIDIARY
60 Great Portland Street Unit Trust		SUBSIDIARY				Nova Star Oil and Gas, Inc.		SUBSIDIARY
						Polar Star Canadian Oil and Gas, Inc.		SUBSIDIARY

(22) Cityhold Nympe S.à r.l. (Nympe) is ultimately controlled by TIAA via a 50% ownership of Cityhold Office Partnership S.à r.l., which owns 88% of Nympe, and 6% owned by wholly-owned ND Europe Office Holding S.à r.l.

(23) Cityhold Euro S.à r.l. (CES) is ultimately controlled by TIAA via a 50% ownership of Cityhold Propco 9 S.à r.l., which owns 88% of CES, and 6% owned by wholly-owned ND Europe Office Holding S.à r.l.

(24) SNC Roosevelt is ultimately controlled by TIAA via a 50% ownership of Cityhold Propco 9 S.à r.l., which owns SAS Roosevelt (99.99% of SNC Roosevelt) and Roosevelt Participation S.à r.l. (0.01%).

(25) London Belgrave Unit Trust (LBUT) is ultimately controlled by TIAA via a 50% ownership of Cityhold Office Partnership S.à r.l., which owns Cityhold UK Holding S.à r.l. (99.8% of LBUT) and Cityhold UK Investment S.à r.l. (0.2%).

(26) New Fetter Lane Unit Trust (NFLUT) is ultimately controlled by TIAA via a 50% ownership of Cityhold Office Partnership S.à r.l., which owns Cityhold UK Holding S.à r.l. (99.9% of NFLUT) and Cityhold UK Investment S.à r.l. (0.1%).

(27) 60 Great Portland Street Unit Trust (60GPS) is ultimately controlled by TIAA via a 50% ownership of Cityhold Office Partnership S.à r.l., which owns Cityhold UK Holding S.à r.l. (99.4% of 60GPS) and Cityhold UK Investment S.à r.l. (0.6%).

(28) 70 St. Mary Axe Unit Trust (SMAUT) is ultimately controlled by TIAA via a 50% ownership of Cityhold Office Partnership S.à r.l., which owns SMA Holding S.à r.l. (99.9% of SMAUT) and Cityhold UK Investment S.à r.l. (0.1%).

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

(30) Erlangen Arcaden GmbH & Co. KG is controlled by TIAA, and partially owned by TIAA Lux 5 S.à r.l., which owns 94.9% and Erlangen Arcaden Verwaltungs GmbH which owns 5.1%.

(13) U.S. Cities Fund, LP is controlled by TIAA, and partially owned indirectly by ND Properties, Inc., which owns 37.37%, and U.S. Cities Fund GP, LLC, which owns less than .01%.

(31) 1608 Chestnut Partners LP is ultimately controlled by TIAA, with 99% owned by T-C 1608 Chestnut Limited Partner LLC and 1% owned by T-C 1608 Chestnut General Partner LLC.

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PART 1 - ORGANIZATIONAL CHART

LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP
Pinnacle Third Avenue, LP	26-3821015	AFFILIATE
Primary Residential Individual Mortgage Entity Trust	61-6646836	SUBSIDIARY
Renewable Timber Europe, LLC	45-2792614	SUBSIDIARY
Renewable Timber Netherlands B.V.		SUBSIDIARY
Topola Lasy Spolka z.o.o.		SUBSIDIARY
Renewable Timber Resources, LLC	61-1640765	SUBSIDIARY
Forestal y Agrícola Silvoligna Chile Limitada		SUBSIDIARY
RT Tri-State LLC	11-3564797	AFFILIATE
Siguler Guff Third Avenue, L.P.	03-0543113	SUBSIDIARY
Social Infra, LLC		SUBSIDIARY
T-C 20 Hunter Street (AUS) Pty Ltd		SUBSIDIARY
T-C 20 Hunter Street (US), LLC	46-3922951	SUBSIDIARY
T-C 400 Montgomery, LLC	81-2525521	SUBSIDIARY
400 Montgomery Investors, LLC		SUBSIDIARY
T-C 685 Third Avenue Member, LLC	27-4123754	SUBSIDIARY
T-C 685 Third Avenue Venture, LLC	27-3835063	SUBSIDIARY
T-C 685 Third Avenue, LLC	27-3095569	SUBSIDIARY
T-C 685 Third Avenue Mezzanine LLC	47-2986461	SUBSIDIARY
T-C 685 Third Avenue Owner LLC	61-1754745	SUBSIDIARY
T-C 699 Bourke Street LLC	46-4969690	SUBSIDIARY
T-C Australia RE Holdings I, LLC	81-2506975	SUBSIDIARY
TIAA Australia Real Estate Trust		SUBSIDIARY
T-C 20 Hunter Street (AUS) Trust		SUBSIDIARY
TIAA Melbourne Retail Holding 1 Trust		SUBSIDIARY
TGA Miller Street Trust		SUBSIDIARY
TIAA Melbourne Retail Holding 1 Trust		SUBSIDIARY
TIAA Melbourne Retail Asset 1 Trust		SUBSIDIARY
T-C Europe Holding Inc.	47-2363168	SUBSIDIARY
T-C Europe LP	47-2369576	SUBSIDIARY (32)
T-C Europe LP	47-2369576	SUBSIDIARY (32)
T-C Europe S.à r.l.		SUBSIDIARY
Nightingale LuxCo S.à r.l.		SUBSIDIARY
T-C Nordics Investment AB		SUBSIDIARY
Sweden Nova Lund 1 AB		SUBSIDIARY
Sweden Nova Lund 2 AB		SUBSIDIARY
T-C Luxembourg Neptune Holdings S.à r.l.		SUBSIDIARY
T-C Neptune Holdings S.à r.l.		SUBSIDIARY
Neptune Property Venture S.à r.l.		SUBSIDIARY
Neptune Polish Property Venture BV		SUBSIDIARY
Neptune Krakow SP. z.o.o.		SUBSIDIARY
Neptune Poznan SP. z.o.o.		SUBSIDIARY
Neptune Anopol SP. z.o.o.		SUBSIDIARY
Neptune Property Holding S.à r.l.		SUBSIDIARY
Nemab Sugar City B.V.		SUBSIDIARY
Neptune Holding Spain, S.L.		SUBSIDIARY
Promcat Alternativa, S.L.		SUBSIDIARY
Neptune OPCL SAS		SUBSIDIARY
Roppenheim Holding SAS		SUBSIDIARY
Roppenheim Outlet SNC		SUBSIDIARY (33)
Neptune Polish HoldCo 2 B.V.		SUBSIDIARY
Neptune Ursus SP. z.o.o.		SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
T-C Europe, LP (continued)		
Neptune Roppenheim Holding S.à r.l.		SUBSIDIARY
Roppenheim Outlet SNC		SUBSIDIARY (33)
Neptune Viculungo I S.r.l.		SUBSIDIARY
Castel Gueffo I SRL		SUBSIDIARY
Neptune Madrid Holdco S.L.		SUBSIDIARY
Nevis Getafe S.L.		SUBSIDIARY
Neptune Getafe Propco S.L.		SUBSIDIARY
Neptune Las Rozas Outlet S.L.		SUBSIDIARY
Neptune San Sebastian Outlet S.L.		SUBSIDIARY
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
Nuveen Global Cities REIT, Inc.	82-1419222	SUBSIDIARY
Nuveen Global Cities REIT LP, LLC	82-1502683	SUBSIDIARY
Nuveen Global Cities REIT OP, LP	82-1507998	SUBSIDIARY
NR 844 North LLC	82-3527067	SUBSIDIARY
NR APCF Investor Ltd		SUBSIDIARY
NR Defoor Hills LLC	82-5519657	SUBSIDIARY
NR Denver Industrial Portfolio LLC	82-3639243	SUBSIDIARY
NR East Segó Lily LLC	83-3651003	SUBSIDIARY
NR ECF Investor Ltd.		SUBSIDIARY
NR Kirkland Crossing LLC	82-3556058	SUBSIDIARY
NR Main Street at Kingwood LLC	83-1815798	SUBSIDIARY
NR Tacara at Steiner Ranch LLC	82-5503093	SUBSIDIARY
Nuveen Global Cities REIT Lending, LLC	83-4299885	SUBSIDIARY
T-C 2 Herald Square Member LLC	47-1535030	SUBSIDIARY
T-C 2 Herald Square Venture LLC	47-1650509	SUBSIDIARY
T-C 2 Herald Square Owner LLC	47-1488131	SUBSIDIARY
T-C 1101 Pennsylvania Avenue C		SUBSIDIARY
T-C 1101 Pennsylvania Avenue Venture LLC	27-2952617	SUBSIDIARY
T-C 1101 Pennsylvania Avenue 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 470 Park Avenue South Member LLC	46-1754709	SUBSIDIARY
T-C 470 Park Avenue South Venture LLC	46-1744112	SUBSIDIARY
T-C 470 Park Avenue South Owner LLC	46-1754243	SUBSIDIARY
T-C 475 Fifth Avenue Member, LLC	46-1828055	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	47-4665941	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

COMPANY	FEIN	RELATIONSHIP
T-C GA Real Estate Holdings, LLC (continued)		
T-C Franklin Square Member, LLC	46-1791581	SUBSIDIARY
T-C Franklin Square Venture LLC	46-1794486	SUBSIDIARY
TIAA Franklin Square, LLC	26-0011770	SUBSIDIARY
T-C Hall of States Member LLC	47-2023405	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		SUBSIDIARY
300 Legacy Place Boulevard LLC		SUBSIDIARY
Legacy Place Properties, LLC		SUBSIDIARY
T-C Republic Square Member LLC	47-2905922	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	47-3051196	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
T-C JK I, LLC	46-4567368	SUBSIDIARY
Adeoti Empreendimentos Imobiliários Ltda		SUBSIDIARY (34)
T-C JK II, LLC	46-4576201	SUBSIDIARY
Adeoti Empreendimentos Imobiliários Ltda		SUBSIDIARY (34)
T-C Lux Fund Holdings LLC	47-4095803	SUBSIDIARY
T-C Lux Investments Special Limited Partnership		SUBSIDIARY
European Cities Partnership SCSp		AFFILIATE (11)
Global Real Estate Debt Partners – Fund I (UK)		SUBSIDIARY (21)
T-C MV Member LLC	81-4583865	SUBSIDIARY
T-C M-T REIT LLC	81-4599024	SUBSIDIARY
T-C 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 I, LLC	20-8309570	SUBSIDIARY
CPPIB-TIAA US Real Property Fund LP	20-8309587	SUBSIDIARY (35)
C-T Shenandoah, LLC	20-8309622	SUBSIDIARY
T-C SMA 2, LLC	36-4620008	SUBSIDIARY
PennMuni-TIAA U.S. Real Estate Fund, LLC	36-4619998	SUBSIDIARY
T-C 526 Route 46 LLC	27-1508630	SUBSIDIARY
T-C Barton Springs LLC	26-2762767	SUBSIDIARY
T-C Century Plaza LLC	26-2719700	SUBSIDIARY
T-C Copley LLC	47-2569491	SUBSIDIARY
T-C Des Peres Corners LLC	27-4023559	SUBSIDIARY
T-C 888 Brannan Member LLC	47-4665941	SUBSIDIARY
T-C RDC, LLC	46-3678318	SUBSIDIARY
T-C Scripps Ranch LLC	45-3525878	SUBSIDIARY
T-C Shoppes at Monarch Lakes LLC	27-3415834	SUBSIDIARY
T-C Uptown Apartments, LLC	46-4977129	SUBSIDIARY
T-C Aspira LLC	27-1858182	SUBSIDIARY
T-C The Edge at Flagler Village, LLC	81-2204918	SUBSIDIARY

(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%).

(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

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

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

(35) CPPIB-TIAA US Real Property Fund LP is controlled by TIAA, which owns 50%. T-C SMA I, LLC, which is 100% owned by TIAA, is the General Partner and owns 1%.

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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
T-C UK RE Holdings I, LLC	81-2676934	SUBSIDIARY	TEFF Holdco LLC	81-2146865	SUBSIDIARY	TGA Central Green LLC	83-3799476	SUBSIDIARY
T-C UK RE Holdings II, LLC	81-2691474	SUBSIDIARY	TIAA European Farmland Fund GP LP	98-1310748	SUBSIDIARY	TGA Connections at Athens Investor Member LLC	83-0780652	SUBSIDIARY
Thurrock Retail Park Unit Trust		SUBSIDIARY (36)	TIAA European Farmland Fund LP	98-1310748	SUBSIDIARY	PEP-TH Athens, LLC	61-1892161	SUBSIDIARY
T-C UK RE Holdings III, LLC	81-3299073	SUBSIDIARY	TEFF Holding S.a.r.l		SUBSIDIARY	PEP Athens, LLC	83-1011298	SUBSIDIARY
Thurrock Retail Park Unit Trust		SUBSIDIARY (36)	TEFF Investments B.V.		SUBSIDIARY	TGA FC Investor Member LLC		SUBSIDIARY
T-C U.S. Super Regional Mall Fund LP	47-3148337	SUBSIDIARY	Areal III SP. z o.o.		SUBSIDIARY	Fenway Center Holding 1-2, LLC	82-2708488	SUBSIDIARY
SRMF Baybrook REIT LLC	83-0977309	SUBSIDIARY	Hodowla Zwierzat Zarodowych Choczewo		SUBSIDIARY	Fenway Center Owner 1-2, LLC	82-2708488	SUBSIDIARY
SRMF Baybrook Investor TRS LLC	83-0990258	SUBSIDIARY	Hodowla Zwierzat Zarodowych Wierzuchino		SUBSIDIARY	TGA European RE Holdings I, LLC	83-2810033	SUBSIDIARY
SRMF Baybrook Investor Member LLC	83-1015425	SUBSIDIARY	Hodowla Zwierzat Zarodowych Zarnowiec		SUBSIDIARY	Eagle GP Co S.a.r.l.		SUBSIDIARY
SRMF La Cantera REIT LLC	83-1028560	SUBSIDIARY	Dangro Invest SA		SUBSIDIARY	Eagle JV Co S.a.r.l.		SUBSIDIARY
SRMF La Cantera Investor Member LLC	83-1046807	SUBSIDIARY	AGRA Spolka z o.o.		SUBSIDIARY	Eagle Austria Holdings S.a.r.l.		SUBSIDIARY
SRMF TMIC REIT LLC	83-1059934	SUBSIDIARY	AGAT Spolka z o.o.		SUBSIDIARY	TGA MKP Member LLC	82-1169084	SUBSIDIARY
SRMF TMIC Investor Member LLC	83-1070532	SUBSIDIARY	AGRAMAX Spolka z o.o.		SUBSIDIARY	TGA MKP Venture LLC	82-1198745	SUBSIDIARY
SRMF Town Square Investor Member LLC	81-4717093	SUBSIDIARY	AGRIFARM Spolka z o.o.		SUBSIDIARY	TGA MKP REIT LLC	82-1187131	SUBSIDIARY
SRMF Town Square Venture LLC		SUBSIDIARY	AGRO - DUBLINY SP. z o.o.		SUBSIDIARY	TGA Japan Holdings, LLC	81-3602072	SUBSIDIARY
SRMF Town Square Owner LLC		SUBSIDIARY	AGROSERVICE Spolka z o.o.		SUBSIDIARY	TGA Japan Holdings Pte Ltd		SUBSIDIARY
T-C Pearl Reit 2 LLC	47-4447657	SUBSIDIARY	AMAL Spolka z o.o.		SUBSIDIARY	TGA Japan GK Holdings Pte Ltd		SUBSIDIARY
T-C Waterford Blue Lagoon General Partner, LLC	47-5379777	SUBSIDIARY	CISY Spolka z o.o.		SUBSIDIARY	TGA Ginza115 GK		SUBSIDIARY
Waterford Blue Lagoon LP	47-5392075	SUBSIDIARY (37)	KOLNO Spolka z o.o.		SUBSIDIARY	TGA Ginza115 TMK		SUBSIDIARY (39)
T-C Waterford Blue Lagoon, LLC	47-5375805	SUBSIDIARY	MILKOWO Sp. Z o.o.		SUBSIDIARY	TGA Ginza115 TMK		SUBSIDIARY (39)
Waterford Blue Lagoon LP	47-5392075	SUBSIDIARY (37)	SATOPY Spolka z o.o.		SUBSIDIARY	TGA Ginza115 ISH		SUBSIDIARY
Westland At Waterford REIT General Partner LLC	81-0779817	SUBSIDIARY	Pszennol SA		SUBSIDIARY	RCD TGA Pierrepont Partners LLC		SUBSIDIARY
Westland At Waterford REIT LP	47-5321319	SUBSIDIARY	AGROPOL Spolka z o.o.		SUBSIDIARY	TGA Montrose Residences Investor Member, LLC	81-3542251	SUBSIDIARY
Westland At Waterford General Partner LLC	81-0772154	SUBSIDIARY	BUDUS Spolka z o.o.		SUBSIDIARY	The Residences at La Colombe d'Or Investors LLC	81-2872665	SUBSIDIARY
Westland At Waterford Operating LP	47-5580924	SUBSIDIARY	CIESZYSLAW SP z o.o.		SUBSIDIARY	TGA MS Self Storage Investor Member LLC	83-1916152	SUBSIDIARY
Waterford Blue Lagoon REIT General Partner LLC		SUBSIDIARY	FARMEX Spolka z o.o.		SUBSIDIARY	Morningstar NRE Self Storage Portfolio LLC	83-2379583	SUBSIDIARY
Waterford Blue Lagoon REIT LP	47-5305678	SUBSIDIARY	JASIONNO Spolka z o.o.		SUBSIDIARY	MSC Tallahassee, LLC		SUBSIDIARY
5201-5301 Waterford General Partner LLC	47-5642524	SUBSIDIARY	ROLA Spolka z o.o.		SUBSIDIARY	MSC Bentonville, LLC		SUBSIDIARY
5201-5301 Waterford Operating LP	47-5541032	SUBSIDIARY	ROLPOL Spolka z o.o.		SUBSIDIARY	MSC Dam Storage, LLC		SUBSIDIARY
5200 Waterford General Partner LLC	47-5672651	SUBSIDIARY	ROLZBUD Spolka z o.o.		SUBSIDIARY	MSC Greenhouse, LLC		SUBSIDIARY
5200 Waterford Operating LP	47-5498897	SUBSIDIARY	SOBIERADZ Spolka z o.o.		SUBSIDIARY	MSC Midtown Atlanta, LLC		SUBSIDIARY
1000 Waterford General Partner LLC	47-5472154	SUBSIDIARY	TELYN SP. z o.o.		SUBSIDIARY	MSC Kempas Landing, LLC		SUBSIDIARY
1000 Waterford Operating LP	47-5479437	SUBSIDIARY	TOKARY Sp. z o.o.		SUBSIDIARY	MSC South End, LLC		SUBSIDIARY
703 Waterford General Partner LLC	47-5445045	SUBSIDIARY	TURKUS SP. z o.o.		SUBSIDIARY	MSC MTP, LLC		SUBSIDIARY
703 Waterford Operating LP	47-5471474	SUBSIDIARY	WEZINY SP. z o.o.		SUBSIDIARY	MSC Peachtree, LLC		SUBSIDIARY
701 Waterford General Partner LLC	47-5405436	SUBSIDIARY	ZIEMROL Spolka z o.o.		SUBSIDIARY	MSC Evans Rd, LLC		SUBSIDIARY
Waterford Core General Partner LLC	81-0733012	SUBSIDIARY	LOZICE Sp. z o.o.		SUBSIDIARY	MSC Buda, LLC		SUBSIDIARY
Waterford Core Operating LP	47-5587163	SUBSIDIARY	Adamas SA		SUBSIDIARY	MSC Boerne, LLC		SUBSIDIARY
Waterford Core REIT LP	82-2646233	SUBSIDIARY	JAROSLAWSKO I SP. z o.o.		SUBSIDIARY	MSC Spring Branch, LLC		SUBSIDIARY
Waterford Core REIT General Partner LLC	82-2631273	SUBSIDIARY	JAROSLAWSKO II SP. z o.o.		SUBSIDIARY	MSC Highway 521 Storage, LLC		SUBSIDIARY
Waterford Core II General Partner LLC	82-2672297	SUBSIDIARY	OGARDY SP. z o.o.		SUBSIDIARY	TGA NJAHP Investor Member LLC		SUBSIDIARY
Waterford Core II Operating LP	82-2683579	SUBSIDIARY	OPAL SP z o.o.		SUBSIDIARY	NJAHP Preservation Associates JV LLC		SUBSIDIARY
TGA 127-137 Franklin LLC	82-1645257	SUBSIDIARY	Gospodarstwo Kopy Sp. z o.o.		SUBSIDIARY	TGA Oak View Mall LLC	83-1934291	SUBSIDIARY
TGA 299 Franklin LLC	81-2769108	SUBSIDIARY	Przedsiębiorstwo Rolne Kopy Sp. z o.o.		SUBSIDIARY	TGA Sandy Corners Pa. LLC		SUBSIDIARY
TGA 600 College Road LLC	81-3988795	SUBSIDIARY	Agrohopp Bellice Sp. z o.o.		SUBSIDIARY	TGA Pleasant Prairie Center LLC	83-3250233	SUBSIDIARY
TGA 730 Third Avenue Owner LP		SUBSIDIARY	Agrohopp Service Sp. z o.o.		SUBSIDIARY	TGA Yorktown Trinity Groves LLC	83-0723201	SUBSIDIARY
TGA 3401 North Ashton Blvd LLC	83-2957526	SUBSIDIARY	Agrohopp Bis Sp. z o.o.		SUBSIDIARY	TGAM Agribusiness Fund LP	81-1994278	SUBSIDIARY
TGA 3851 Grandpine Way LLC	82-4830474	SUBSIDIARY				TGAM Agribusiness Fund Holdings LP	82-0646994	SUBSIDIARY
TGA APAC Fund Holdings, LLC	82-2225812	SUBSIDIARY						
Asia Pacific Cities Fund, FCP		SUBSIDIARY (38)						
TGA Real Estate Fund Holdings, LLC	82-2311306	SUBSIDIARY						
Asia Pacific Cities Fund, FCP		SUBSIDIARY (38)						
TGA Barnes Canyon Life Science LLC	83-1851559	SUBSIDIARY						

(36) 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.

(37) 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%.

(38) Asia Pacific Cities Fund, FCP is owned 38.6% by TGA APAC Fund Holdings, LLC and 38.6% by TGA Real Estate Fund 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

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

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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	TIAA Global Ag Holdco LLC (continued)			TIAA Global Equity Income, LLC	46-2860100	SUBSIDIARY
TGA-SP Housing Venture I LLC	83-2147240	SUBSIDIARY	Global AG Properties Australia Trust		SUBSIDIARY	TIAA Global Public Investments, LLC	26-3594208	SUBSIDIARY
TGA SP-MPC Housing Venture I LLC	83-2123785	SUBSIDIARY	Nova Gaia Brasil Participaco Ltda.		SUBSIDIARY (40)	TIAA GTR HoldCo, LLC	46-3881813	SUBSIDIARY
MPSF Ashwood MHC LLC	83-1869494	SUBSIDIARY	Tellus Brasil Participaco S.A.		SUBSIDIARY (41)	Global Timber Resources LLC	46-3210500	SUBSIDIARY
MPSF Ashwood Homes LLC	83-1869400	SUBSIDIARY	Terraviva Brasil Participaco Ltda.		SUBSIDIARY (42)	Global Timber SA LLC	46-3909387	SUBSIDIARY
MPSF Lemon Tree MHC LLC	83-1205616	SUBSIDIARY	Tellus Brasil Participaco S.A.		SUBSIDIARY (41)	Global Timber International LLC	46-3899490	SUBSIDIARY
MPSF Lemon Tree Homes LLC	83-1213262	SUBSIDIARY	Agrobio Investimentos e Participacoes S.A.		SUBSIDIARY	Global Timber Spain SL		SUBSIDIARY
MPSF Mobile Gardens MHC LLC	83-1230714	SUBSIDIARY	Cerpon Participacoes S.A.		SUBSIDIARY	Forestal Monterrey Colombia SAS	98-1206384	SUBSIDIARY
MPSF Mobile Gardens Homes LLC	83-1230821	SUBSIDIARY	Nova Ibiajara Propriedades Agricolas S.A.		SUBSIDIARY	Forestal GTR Chile Limitada		SUBSIDIARY
MPSF Shiloh MHC LLC	83-2700544	SUBSIDIARY	Tellus Bahia Propriedades Agricolas Ltda.		SUBSIDIARY	Tellus Bahia Propriedades Agricolas Ltda.		SUBSIDIARY
MPSF Shiloh Homes LLC	83-2700633	SUBSIDIARY	Jatoba Propriedades Agricolas Ltda.		SUBSIDIARY	Monte Fresnos Asociacion Agraria de Responsabilidad LTDA		SUBSIDIARY
MPSF Shiloh Lender LLC	83-2725391	SUBSIDIARY	Terra do Sol Propriedades Agricolas S.A.		SUBSIDIARY	Monte Fresnos, S.A.		SUBSIDIARY
MPSF Stonegate MHC LLC	83-2725560	SUBSIDIARY	Terrainvest Propriedades Agricolas S.A.		SUBSIDIARY	Taurion Asociacion Agraria de Responsabilidad LTDA		SUBSIDIARY
MPSF Stonegate Homes LLC		SUBSIDIARY	Tparone Participacoes S.A.		SUBSIDIARY	Taurion, S.A.		SUBSIDIARY
MPSF Stonegate Lender LLC		SUBSIDIARY	Toperone Agricola S.A.		SUBSIDIARY	GT Europe Cooperatief U.A.		SUBSIDIARY
MPSF Windsong MHC LLC	83-2861026	SUBSIDIARY	Tpartwo Participacoes S.A.		SUBSIDIARY	Global Timber NL, B.V.		SUBSIDIARY
MPSF Windsong Homes LLC	83-2848324	SUBSIDIARY	Topertwo Agricola S.A.		SUBSIDIARY	GTR Brasil Participacoes Ltda		SUBSIDIARY
MPSF Windsong Lender LLC	83-2848439	SUBSIDIARY	TIAA-CREF Global Agriculture BR, LLC	45-1502187	SUBSIDIARY	Brasilwood Reflorestamento S.A.		SUBSIDIARY (44)
TIAA Administrative Services LLC	82-2826183	SUBSIDIARY	Nova Gaia Brasil Participaco Ltda.		SUBSIDIARY (40)	Brasilwood Terras Florestais S.A.		SUBSIDIARY
TIAA CLO I Ltd		SUBSIDIARY	Terraviva Brasil Participaco Ltda.		SUBSIDIARY (42)	Khaya Woods Investimentos Florestais LTDA.		SUBSIDIARY
TIAA CLO I LLC		SUBSIDIARY	Global Agriculture II AIV (US) LLC	47-1083514	SUBSIDIARY			
TIAA CLO II Ltd		SUBSIDIARY	Global Ag Properties II USA LLC	47-1069783	SUBSIDIARY	GTR Administracao De Bens Proprios LTDA		SUBSIDIARY
TIAA CLO II LLC		SUBSIDIARY	TIAA-CREF Global Agriculture II LLC	47-0974399	SUBSIDIARY	Brasilwood Reflorestamento S.A.		SUBSIDIARY (44)
TIAA CLO III Ltd		SUBSIDIARY	Global Ag II FFI LLC	47-3459636	SUBSIDIARY	Mamoneira Agropastori S.A.		SUBSIDIARY
TIAA CLO III LLC		SUBSIDIARY	Global Ag Properties II Australia Pty. Ltd.		SUBSIDIARY	Paineira Investimentos Florestais S.A.		SUBSIDIARY
TIAA CLO IV Ltd.		SUBSIDIARY	Global Ag Properties II Australia Trust		SUBSIDIARY	IPOPEMA 95 Closed Investment Fund of Non-Public Assets		SUBSIDIARY
TIAA CLO V Ltd		SUBSIDIARY	Global Ag Properties II New Zealand LP		SUBSIDIARY	EKO Topola Sp. z.o.o.		SUBSIDIARY
TIAA CLO V LLC		SUBSIDIARY	Global Ag Properties II New Zealand LP		SUBSIDIARY	Brunso Resort Sp. z.o.o.		SUBSIDIARY
TIAA CMBS I, LLC	13-4173396	SUBSIDIARY	Helios Brasil Participacoes, Ltda.		SUBSIDIARY	TIAA Infrastructure Investments, LLC	45-3479281	SUBSIDIARY
TIAA CMBS I Trust	13-4173396	SUBSIDIARY	Janus Brasil Participacoes, S.A.		SUBSIDIARY (43)	730 Parking LLC	81-5307354	SUBSIDIARY
TIAA Diamond Investor, LLC	36-4450150	SUBSIDIARY	Iris Brasil Participaco Ltda.		SUBSIDIARY	730 Interpark, LLC	81-5302296	SUBSIDIARY
TIAA FSB Holdings, Inc.	90-0615674	SUBSIDIARY	AGV Empreendimentos e Participacoes S.A.		SUBSIDIARY (43)	A-30 Canadian Transport Inc.		SUBSIDIARY
Everbank Funding, LLC	37-1718179	SUBSIDIARY	Araucaria Propriedades Agricolas Ltda		SUBSIDIARY	1867 Infrastructure Holdings Inc.		SUBSIDIARY
TIAA, FSB	59-3531592	SUBSIDIARY	Aroeira Propriedades Agricolas Ltda		SUBSIDIARY	ACS NA30 Holding Inc.		SUBSIDIARY
AMC Holding, Inc.	59-3547521	SUBSIDIARY	Buriti Propriedades Agricolas LTDA		SUBSIDIARY	Iridium Nouvelle Autoroute 30 Inc.		SUBSIDIARY
Business Property Lending, Inc.	36-1208070	SUBSIDIARY	Carvalho Propriedades Agricolas LTDA		SUBSIDIARY	TORO/EPP II, LLC	30-0701953	AFFILIATE
Elite Lender Services, Inc.	11-3642567	SUBSIDIARY	Cedro Propriedades Agricolas Ltda		SUBSIDIARY	I 595 Toll Road, LLC	38-3857916	SUBSIDIARY
Tygris Commercial Financial Group, Inc.	61-1560018	SUBSIDIARY	Companhia Agricola Botucatu		SUBSIDIARY	I 595 Express, LLC	26-4139252	SUBSIDIARY
TIAA Commercial Finance, Inc.	20-0716627	SUBSIDIARY	Copaiba Propriedades Agricolas Ltda		SUBSIDIARY	North American Sustainable Energy Fund, L.P.	46-5279686	SUBSIDIARY
TIAA GBS Holding LLC	81-1241294	SUBSIDIARY	Esus Brasil Participacoes S.A.		SUBSIDIARY	Dallas Clean Energy, LLC		AFFILIATE
TIAA GBS Singapore Holding Company Pte. Ltd.		SUBSIDIARY	Itauba Propriedades Agricolas Ltda		SUBSIDIARY	Dallas Clean Energy McCommas Bluff, LLC		AFFILIATE
TIAA Global Business Services (India) Private Limited		SUBSIDIARY	Jacaranda Propriedades Agricolas LTDA		SUBSIDIARY	Energy Power Investment Company, LLC		SUBSIDIARY
TIAA Global Ag Holdco LLC	27-5551198	SUBSIDIARY	Jatoba S.A.		SUBSIDIARY	EPP Renewable Energy, LLC		SUBSIDIARY
Global Agriculture Pro AIV (US) LLC	45-1531685	SUBSIDIARY	Mangueira Propriedades Agricolas LTDA		SUBSIDIARY	EPP New Jersey Solar, LLC		SUBSIDIARY
Global Ag Properties USA LLC	80-0843991	SUBSIDIARY (19)	Oiti Propriedades Agricolas Ltda		SUBSIDIARY	North American Sustainable Energy Fund GP, LLC	46-5268451	AFFILIATE
Loma del Rio Vineyards, LLC	46-2577906	SUBSIDIARY	Samambala Propriedades Agricolas Ltda		SUBSIDIARY	North American Sustainable Energy Manager, LLC	61-1734097	AFFILIATE
Sugarloaf Vineyard, LLC	27-5551341	SUBSIDIARY	Seringueira Propriedades Agricolas Ltda		SUBSIDIARY	TIAA Oil and Gas Investments, LLC	45-2665869	SUBSIDIARY
TIAA-CREF Global Agriculture LLC		SUBSIDIARY	Terraviva Brasil Participaco Ltda.		SUBSIDIARY	Actos, LLC	46-1286297	SUBSIDIARY
Global Agriculture Pro AIV (US) Pty Ltd		SUBSIDIARY	TIAA-CREF Global Agriculture II BR, LLC	47-1062423	SUBSIDIARY	Actoil Bakken, LLC	46-3410649	SUBSIDIARY
						Triangle Petroleum Corp	98-0430762	AFFILIATE
						Actoil Utica, LLC	46-3628993	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.

(40) 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.

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

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

(43) Janus Brasil Participacoes, S.A. is owned 48.9% by Iris Brasil Participaco Ltda. and 0.47% by Helios Brasil Participacoes, Ltda.

(44) Brasilwood Reflorestamento S.A. is owned 75% by GTR Brasil Participacoes Ltda and 25% by GAPK Investimentos Ltda.

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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
TIAA Park Evanston, LLC	26-1698274	SUBSIDIARY	U.S. Cities Retail Fund LP		SUBSIDIARY
TIAA Realty, LLC	11-3519531	SUBSIDIARY	U.S. Cities Retail Fund REIT LLC		SUBSIDIARY
T-C 77 Central LLC	81-0902394	SUBSIDIARY	U.S. Cities Retail Fund Operating GP LLC		SUBSIDIARY
T-C 680 Belleville LLC	47-2249307	SUBSIDIARY	U.S. Cities Retail Fund Operating LP		SUBSIDIARY
T-C Port Northwest Development, LLC	46-2678242	SUBSIDIARY	T-C 919 N. Michigan Avenue Retail, LLC	46-0750331	SUBSIDIARY
TGA 70 Federal Street LLC	81-3961919	SUBSIDIARY	USCRF KRG JV Investor Member LLC		SUBSIDIARY
TIAA RFS, LLC	82-2885306	SUBSIDIARY	KRG – USCRF Retail Portfolio LLC		SUBSIDIARY
TIAA Advisory, LLC	82-2335773	SUBSIDIARY	U.S. Core-Plus Real Estate Debt Fund LP	82-3988257	SUBSIDIARY
TIAA-CREF Insurance Agency, LLC	20-2904312	SUBSIDIARY	CRED REIT LLC	82-3760575	SUBSIDIARY
TIAA SMA Strategies, LLC	81-2755014	SUBSIDIARY	CRED REIT Holdco LLC	47-1938723	SUBSIDIARY
TIAA-Stonepeak Investments I, LLC	45-3029655	SUBSIDIARY	CRED REIT Holdco Seller LLC	83-2024014	SUBSIDIARY
Stonepeak Infrastructure Fund LP	38-3849546	AFFILIATE	CRED REIT Holdco TRS LLC	81-1392434	SUBSIDIARY
TIAA-Stonepeak Investments II, LLC	45-3030923	SUBSIDIARY	CRED Sawtelle LLC	83-2267896	SUBSIDIARY
Stonepeak GP Holdings LP	30-0696099	SUBSIDIARY	CRED Slabtown LLC	83-3184068	SUBSIDIARY
Stonepeak Associates, LLC		SUBSIDIARY	WRC Properties, LLC	51-0141732	SUBSIDIARY
Stonepeak Advisors Holdings LLC	37-1645802	AFFILIATE	Stichting Bewaarder Ziemia Fund		AFFILIATE
Stonepeak Advisors LLC		AFFILIATE			
TIAA Super Regional Mall Member Sub, LLC	45-3164600	SUBSIDIARY			
T-C Super Regional Mall Venture, LLC	45-3164764	SUBSIDIARY			
T-C International Plaza REIT LLC	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 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			
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 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			
TCAM DOF GP, LLC	26-3561391	SUBSIDIARY			
TIAA-CREF Individual & Institutional Services, LLC	55-0856733	SUBSIDIARY			
TIAA-CREF Redwood, LLC	20-5591124	SUBSIDIARY			
TIAA Endowment & Philanthropic Services, LLC	20-5631854	SUBSIDIARY			
CCAP GP, LLC	35-2429521	SUBSIDIARY			
TIAA-CREF Tuition Financing, Inc.	13-4026557	SUBSIDIARY			
TIAA Union Place Phase I, LLC	20-8892977	SUBSIDIARY			
Union Place Phase I, LLC	20-8281443	SUBSIDIARY			
UK PPP Investments, LP		SUBSIDIARY			
Wigg (Holdings) Limited		SUBSIDIARY			
Wigg Investments Limited		SUBSIDIARY			
Merseylink (Holdings) Limited		AFFILIATE			
Merseylink (Finance) Limited		AFFILIATE			
Merseylink Limited		AFFILIATE			
Merseylink (Issuer) plc		AFFILIATE			

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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	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)	*
			13-6110585	3792687			TIAA Board of Overseers	NY	UDP					N	
1216	Teachers Insurance and Annuity Association of America	69345	13-1624203	1607170	315038		Teachers Insurance and Annuity Association of America	NY		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	DS	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	DS	Nuveen, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			13-3905273	4599865			TIAA-CREF Asset Management, LLC	DE	DS	Nuveen, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-1272900	4952732			L&C Special Member Holdco, LLC	DE	DS	TIAA-CREF Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-3889185	4866932			GTR Special Member Holdco LLC	DE	DS	TIAA-CREF Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			13-3752992	4313230	923530		Teachers Personal Investors Services, Inc.	DE	DS	TIAA-CREF Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-4374969				TIAA International GP LLC	DE	DS	TIAA-CREF Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			13-3586142	4314303	887793		TIAA-CREF Investment Management, LLC	DE	DS	TIAA-CREF Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-3870972	4716541			Nuveen Alternative Holdings, LLC	DE	DS	TIAA-CREF Asset Management, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-1467545	4974190			AGR Partners LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			36-4853278				AGR Services LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	1.000	TIAA Board of Overseers	N	100
			36-4853278				AGR Services LLC	DE	DS	AGR Partners LLC	Ownership	99.000	TIAA Board of Overseers	N	100
			81-1870559	5010657			TGAM Agribusiness Fund GP LLC	DE	DS	AGR Partners LLC	Ownership	100.000	TIAA Board of Overseers	N	
			45-5558395	4724096			Beaver Investments Holdings, LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			80-0026976	4724108	1392090		Greenwood Resources, Inc.	DE	DS	Beaver Investments Holdings, LLC	Ownership	88.000	TIAA Board of Overseers	N	
				4961006			Greenwood Resources Brasil, Ltda.	BRA	DS	Greenwood Resources, Inc.	Ownership	1.000	TIAA Board of Overseers	N	200
			45-1875074	4724153			Greenwood Resources Capital Management, LLC	DE	DS	Greenwood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			20-8501127	4868413			GTFP GP, LLC	DE	DS	Greenwood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			20-8955976	4867863			GWR-GTFP Investment, LLC	DE	DS	Greenwood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
				4724144			GWR International Ltd.	VGB	DS	Greenwood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			20-3188681	4724386			GWR China Ltd.	VGB	DS	GWR International Ltd.	Ownership	100.000	TIAA Board of Overseers	N	
			98-0595429	4868338			Greenwood Resources China Ltd.	HKG	DS	GWR China Ltd.	Ownership	100.000	TIAA Board of Overseers	N	
				4724377			GWR SA, Ltd.	VGB	DS	GWR International Ltd.	Ownership	100.000	TIAA Board of Overseers	N	
				4724395			Greenwood Resources Chile, S.A.	CHL	DS	Greenwood Resources SA, Ltd.	Ownership	95.000	TIAA Board of Overseers	N	
			98-1016332	4868392			GWR Europe Ltd.	GBR	DS	GWR International Ltd.	Ownership	100.000	TIAA Board of Overseers	N	
			98-1016335	4868404			Greenwood Resources Poland sp Z.o.o.	POL	DS	GWR Europe Ltd.	Ownership	100.000	TIAA Board of Overseers	N	
			47-4557075	4887580			GWR Property Management International, LLC	DE	DS	Greenwood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
				4961006			Greenwood Resources Brasil, Ltda.	BRA	DS	GWR Property Management International, LLC	Ownership	99.000	TIAA Board of Overseers	N	200
							GWR Uruguay S.A.	URY	DS	GWR Property Management International, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4796600			Greenwood Resources Colombia SAS	COL	DS	Greenwood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			47-3156644	4844369			Churchill Asset Management LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	75.000	TIAA Board of Overseers	N	
			36-4851864	5083688			CAM HR Resources LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	1.000	TIAA Board of Overseers	N	300
			36-4851864	5083688			CAM HR Resources LLC	DE	DS	Churchill Asset Management LLC	Ownership	99.000	TIAA Board of Overseers	N	300
			82-3187734				Churchill Agency Services LLC	DE	DS	Churchill Asset Management LLC	Ownership	75.000	TIAA Board of Overseers	N	
							Churchill Feeder Fund GP II S.a.r.l.	LUX	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1177850				Churchill Fund GP II LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	N	
			98-1449979				Churchill Fund GP II Sarl	LUX	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-0735838	5106484			Churchill Special Member LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-3784145				Churchill Warehouse LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-1817732	5041615			TGAM Churchill Fund GP LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	N	
			45-5044435	4867658			Global AG AIV (CN) GP, LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			45-5044681	4867667			Global Agriculture AIV (CN), LP	DE	DS	Global AG AIV (CN) GP, LLC	Management		TIAA Board of Overseers	N	
			47-1192644	4753564			Global Ag II AIV GP LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-1197292	4754776			Global Agriculture II AIV, LP	DE	DS	Global Ag II AIV GP LLC	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	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)	*
			47-1208275	4757030			Global Ag II US Corp.	DE	DS	Global Agriculture II AIV, LP	Management		TIAA Board of Overseers	N	
			47-1069783	4755438			Global Ag Properties II USA LLC	DE	DS	Global Ag II US Corp.	Management		TIAA Board of Overseers	N	
			81-3394580	5040560			Oakville 38 Vineyard, LLC	DE	DS	Global Ag Properties II USA LLC	Management		TIAA Board of Overseers	N	
			47-3001338	4843308			Sugarloaf East Vineyard, LLC	DE	DS	Global Ag Properties II USA LLC	Management		TIAA Board of Overseers	N	
			47-4945982	4904254			True Oak Napa Vineyard, LLC	DE	DS	Global Ag Properties II USA LLC	Management		TIAA Board of Overseers	N	
			47-1208361	4866969			GTR Investor Fund GP LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2245173				NAP Investors GP, LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			45-4288013	4866941			Nuveen Alternatives Advisors, LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							TPS Investors GP, LLC	DE	DS	Nuveen Alternatives Advisors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			45-4288091	4801858			Nuveen Alternatives Services, LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				5041697			GAP II NZ GP Limited	NZL	DS	Nuveen Alternatives Services, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			98-1310748	5041660			TIAA European Farmland Fund GP LP	CYM	DS	Nuveen Alternatives Services, LLC	Ownership	50.000	TIAA Board of Overseers	N	400
			47-1515836	4802819			TCAS Global Investments LLC	DE	DS	Nuveen Alternatives Services, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-2719001	4313155			Nuveen International Holdings LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4843296			Nuveen Australia Pty Ltd	AUS	DS	Nuveen International Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Nuveen Canada Company	CAN	DS	Nuveen International Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4781688			Nuveen Investments Canada Co.	CAN	DS	Nuveen International Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Nuveen Japan Co., Limited	JPN	DS	Nuveen International Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
				5040579			Nuveen UK, Limited	GBR	DS	Nuveen International Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-4349631	5079083			TGAM Subsidiary HC LLC	DE	DS	Nuveen International Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-4290269	5079104			TGAM APAC LLC	DE	DS	TGAM Subsidiary HC LLC	Ownership	33.300	TIAA Board of Overseers	N	500
			81-4323796	5083718			TGAM HK HC LLC	DE	DS	TGAM APAC LLC	Ownership	25.000	TIAA Board of Overseers	N	600
				4908355			Nuveen Hong Kong Limited	HKG	DS	TGAM HK HC LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-4306975	5079113			TGAM Asia LLC	DE	DS	TGAM Subsidiary HC LLC	Ownership	33.300	TIAA Board of Overseers	N	700
			81-4323796	5083718			TGAM HK HC LLC	DE	DS	TGAM Asia LLC	Ownership	25.000	TIAA Board of Overseers	N	600
			81-4499397	5079122			TIAA International APAC LLC	DE	DS	TGAM Subsidiary HC LLC	Ownership	33.300	TIAA Board of Overseers	N	800
			81-4323796	5083718			TGAM HK HC LLC	DE	DS	TIAA International APAC LLC	Ownership	25.000	TIAA Board of Overseers	N	600
			81-4359164	5079131			TIAA International Asia LLC	DE	DS	TGAM Subsidiary HC LLC	Ownership	33.300	TIAA Board of Overseers	N	900
			81-4323796	5083718			TGAM HK HC LLC	DE	DS	TIAA International Asia LLC	Ownership	25.000	TIAA Board of Overseers	N	600
			81-4390558	5079092			TIAA International Subsidiary HC LLC	DE	DS	Nuveen International Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-4290269	5079104			TGAM APAC LLC	DE	DS	TIAA International Subsidiary HC LLC	Ownership	33.300	TIAA Board of Overseers	N	500
			81-4306975	5079113			TGAM Asia LLC	DE	DS	TIAA International Subsidiary HC LLC	Ownership	33.300	TIAA Board of Overseers	N	700
			81-4499397	5079122			TIAA International APAC LLC	DE	DS	TIAA International Subsidiary HC LLC	Ownership	33.300	TIAA Board of Overseers	N	800
			81-4359164	5079131			TIAA International Asia LLC	DE	DS	TIAA International Subsidiary HC LLC	Ownership	33.300	TIAA Board of Overseers	N	900
			81-4290269	5079104			TGAM APAC LLC	DE	DS	Nuveen International Holdings LLC	Ownership	33.300	TIAA Board of Overseers	N	500
			81-4306975	5079113			TGAM Asia LLC	DE	DS	Nuveen International Holdings LLC	Ownership	33.300	TIAA Board of Overseers	N	700
			81-4499397	5079122			TIAA International APAC LLC	DE	DS	Nuveen International Holdings LLC	Ownership	33.300	TIAA Board of Overseers	N	800
			81-4359164	5079131			TIAA International Asia LLC	DE	DS	Nuveen International Holdings LLC	Ownership	33.300	TIAA Board of Overseers	N	900
			46-5367344	4747170			TCGA BT AIV, LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			45-5139523	4867368			TCGA Investor Fund GP, LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-3511076	4843278			TCGA II Investor Fund GP, LLC	DE	DS	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	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-4330570				TGAM International GP LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			06-1217855	4680325			Nuveen Real Estate Property Holdings L.L.C.	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			06-1384746	4900359			Casa Grande Investments I, LLC	DE	DS	TH Property Holdings, L.L.C.	Ownership	100.000	TIAA Board of Overseers	N	
			01-0588041	4900386			Casa Grande Investments II, LP	IL	DS	TH Property Holdings, L.L.C.	Ownership	100.000	TIAA Board of Overseers	N	
			30-0794692	4683559			Casa Partners VI GP, LLC	DE	DS	TH Property Holdings, L.L.C.	Ownership	100.000	TIAA Board of Overseers	N	
			47-5190671	4912772			Casa Partners VII GP, LLC	DE	DS	TH Property Holdings, L.L.C.	Ownership	100.000	TIAA Board of Overseers	N	
			82-4363605				CASA Partners VIII GP, LLC	DE	DS	TH Property Holdings, L.L.C.	Ownership	100.000	TIAA Board of Overseers	N	
			47-2134971	4772266			Casa Student Housing Fund GP, LLC	DE	DS	TH Property Holdings, L.L.C.	Ownership	100.000	TIAA Board of Overseers	N	
			36-4477806	4681797			Global Investors GP, L.L.C.	DE	DS	TH Property Holdings, L.L.C.	Ownership	100.000	TIAA Board of Overseers	N	
			20-2537749	4681809			Global Investors GP II, L.L.C.	DE	DS	TH Property Holdings, L.L.C.	Ownership	100.000	TIAA Board of Overseers	N	
			20-3070768	4681818			Global Investors GP IV, L.L.C.	DE	DS	TH Property Holdings, L.L.C.	Ownership	100.000	TIAA Board of Overseers	N	
			81-4262460	5079074			Nuveen Real Estate Global LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	

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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	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)	*
			82-3426937				Nuveen Real Estate Global Cities Advisors LLC	.DE	.DS	TH Real Estate Global, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			26-2748598	4601487			Nuveen Global Investments LLC	.DE	.DS	TH Real Estate Global, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			82-2986445				Nuveen GP Holding Company LLC	.DE	.DS	TH Real Estate Global, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			82-4598778				Nuveen CRED GP Member LLC	.DE	.DS	THRE GP Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			82-3751720				CRED GP LLC	.DE	.DS	THRE GP Member LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			82-4054235				U.S. Cities Retail Fund GP LLC	.DE	.DS	THRE GP Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							U.S. Cities Multifamily Fund GP LLC	.DE	.DS	THRE GP Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							U.S. Cities Multifamily Fund LP	.DE	.DS	U.S. Cities Multifamily Fund GP LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							U.S. Cities Multifamily Fund REIT LLC	.DE	.DS	U.S. Cities Multifamily Fund LP	Ownership	100.000	TIAA Board of Overseers	.N	
							U.S. Cities Multifamily Fund Operating GP LLC	.DE	.DS	U.S. Cities Multifamily Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							U.S. Cities Multifamily Fund Operating LP	.DE	.DS	U.S. Cities Multifamily Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			83-2344355				USCMF Avion on Legacy LLC	.DE	.DS	U.S. Cities Multifamily Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	.N	
			83-2434879				USCMF Boulder Creek LLC	.DE	.DS	U.S. Cities Multifamily Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	.N	
			83-2486856				USCMF District at Washington LLC	.DE	.DS	U.S. Cities Multifamily Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	.N	
			83-2447368				USCMF Gramercy at Buckhead LLC	.DE	.DS	U.S. Cities Multifamily Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	.N	
			83-2531960				USCMF Marshall Park LLC	.DE	.DS	U.S. Cities Multifamily Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	.N	
			83-2409099				USCMF Metro 112 LLC	.DE	.DS	U.S. Cities Multifamily Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	.N	
			83-2422984				USCMF Stoneledge LLC	.DE	.DS	U.S. Cities Multifamily Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	.N	
			83-2515243				USCMF The Matisse LLC	.DE	.DS	U.S. Cities Multifamily Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	.N	
			83-2459693				USCMF The Reserve at Tysons Corner LLC	.DE	.DS	U.S. Cities Multifamily Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	.N	
			81-5466713	5157909			Nuveen Permian Investor Asset Manager Member LLC	.DE	.DS	TH Real Estate Global, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			82-0631410				Permian Investor Asset Manager LLC	.DE	.DS	THRE Permian Investor Asset Manager Member LLC	Ownership	50.000	TIAA Board of Overseers	.N	
			82-0607358	5137929			Nuveen Permian Investor GP Member LLC	.DE	.DS	TH Real Estate Global, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			81-5433582	5140303			Permian Investor GP LLC	.DE	.DS	THRE Permian Investor GP Member LLC	Ownership	50.000	TIAA Board of Overseers	.N	
			98-1162850	4617620			TIAA International Holdings 1 Limited	.GBR	.DS	TH Real Estate Global, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			98-1163394	4617639			TIAA International Holdings 2 Limited	.GBR	.DS	TH Real Estate Global, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			98-1163894	4618074			TIAA International Holdings 3 Limited	.GBR	.DS	TIAA International Holdings 2 Limited	Ownership	100.000	TIAA Board of Overseers	.N	
			98-1125673	4617705			Nuveen Real Estate Limited	.GBR	.DS	TIAA International Holdings 3 Limited	Ownership	99.000	TIAA Board of Overseers	.N	1000
			98-1125673	4617705			Nuveen Real Estate Limited	.GBR	.DS	TIAA International Holdings 1 Limited	Ownership	1.000	TIAA Board of Overseers	.N	1000
			98-1127648	4618195			Nuveen Administration Ltd	.GBR	.DS	Nuveen Real Estate Limited	Ownership	100.000	TIAA Board of Overseers	.N	
			98-1128805	4618216			Nuveen Europe Holdings Limited	.GBR	.DS	Nuveen Real Estate Limited	Ownership	100.000	TIAA Board of Overseers	.N	
				4715955			Henderson European Retail Property Fund Management Sarl	.LUX	.DS	TH RE AIFM Group Ltd	Ownership	94.900	TIAA Board of Overseers	.N	
							Nuveen Alternatives Europe S.à.r.l	.LUX	.DS	TH RE AIFM Group Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
							Nuveen Asset Management Europe S.à.r.l	.LUX	.DS	TH RE AIFM Group Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4715937			Nuveen Fund (Europe) Management Sarl	.LUX	.DS	TH RE AIFM Group Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4716756			Nuveen Fund Management (Jersey) Limited	.JEY	.DS	TH RE AIFM Group Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
							Nuveen Fund Management Vanquish (Jersey) Limited	.JEY	.DS	Nuveen Fund Management (Jersey) Limited	Ownership	100.000	TIAA Board of Overseers	.N	
				4841331			Nuveen Fund Management Vanquish II (Jersey) Limited	.JEY	.DS	Nuveen Fund Management (Jersey) Limited	Ownership	100.000	TIAA Board of Overseers	.N	
				4841322			Nuveen Fund Management (Jersey) Limited	.JEY	.DS	Nuveen Fund Management (Jersey) Limited	Ownership	100.000	TIAA Board of Overseers	.N	
				4715964			Asia Pacific Cities Management Sarl	.LUX	.DS	TH RE AIFM Group Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4716774			Nuveen Management AIFM Limited	.GBR	.DS	TH RE AIFM Group Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
							Nuveen Management Company (Luxembourg) No 1 Sarl	.LUX	.DS	TH RE AIFM Group Ltd	Ownership	94.900	TIAA Board of Overseers	.N	
				4715946			Nuveen Property Management (Jersey) Limited	.JEY	.DS	TH RE AIFM Group Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4716765			Nuveen FCACO Ltd	.GBR	.DS	Nuveen Real Estate Limited	Ownership	100.000	TIAA Board of Overseers	.N	
				98-1128787	4618243		Nuveen Real Estate Management Ltd	.GBR	.DS	TH RE FCACO Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4716783			Nuveen Real Estate Management Ltd	.GBR	.DS	Nuveen Real Estate Management Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4716868			Nuveen Shopping Centre Verwaltungs GmbH	.DEU	.DS	Nuveen Real Estate Management Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				98-0582851	4313182		TIAA-CREF Asset Management UK Limited	.GBR	.DS	TH RE FCACO Ltd	Ownership	100.000	TIAA Board of Overseers	.N	

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			98-1127632	4618261			Nuveen Group Holdings Ltd	.GBR	.DS	Nuveen Real Estate Limited	Ownership	100.000	TIAA Board of Overseers	.N	
				4715900			AREFM (BVI) Limited		.DS	TH RE Group Holdings Ltd	Influence		TIAA Board of Overseers	.N	
				4715311			CLOF II (GP) Limited	.GBR	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				5154010			CLOF II Vanquish Limited	.JEY	.DS	CLOF II (GP) Limited	Ownership	100.000	TIAA Board of Overseers	.N	
				4715263			CLOF II (No 1 GP) Limited	.GBR	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4841304			CLOF II (No1 Nominee) Limited	.GBR	.DS	CLOF II (No 1 GP) Limited	Ownership	100.000	TIAA Board of Overseers	.N	
				4715281			CLOF II (No 2 GP) Limited	.GBR	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
			98-1165678	4715302			CLOF II (No 3 GP) Limited	.GBR	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4908328			Enhanced Debt Carry (GP) Sarl	.LUX	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4971863			Enhanced Debt Carry SCSp	.LUX	.DS	Enhanced Debt Carry (GP) Sarl	Ownership	100.000	TIAA Board of Overseers	.N	
				5147003			ERES APAC II (GP) S.a.r.l	.LUX	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4949116			European Cities Partnership (GP) S.a.r.l.	.LUX	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
							European Cities Partnership SCSp	.LUX	.DS	European Cities Partnership (GP) S.a.r.l.	Influence		TIAA Board of Overseers	.N	1100
				4715227			Henderson Joint Ventures Property Funds Management Sarl	.LUX	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4841247			Islazul General Partner Sarl	.LUX	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4715245			Matador LP General Partner Limited	.GBR	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4715366			Nuveen Beteiligung Verwaltungs GmbH	.DEU	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4715898			Nuveen Immobilien GmbH	.DEU	.DS	TH RE Group Holdings Ltd	Influence		TIAA Board of Overseers	.N	
				4844015			Anglo-Sino Henderson Investment Consultancy (Beijing) Co Limited	.CHN	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4912763			Nuveen Consulting (Shanghai) Co Ltd	.CHN	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4715357			Nuveen Management Austria GmbH	.AUT	.DS	TH RE Group Holdings Ltd	Ownership	65.000	TIAA Board of Overseers	.N	
							Nuveen Management Finland Oy	.FIN	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4841256			Nuveen Real Estate Debt Partners (GP) Sarl	.LUX	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
							Nuveen Real Estate Debt Partners II (GP) S.a.r.l	.LUX	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				5134816			Global Real Estate Debt Partners Fund II (UK) SCSp	.LUX	.DS	Nuveen Real Estate Debt Partners II (GP) S.a.r.l	Influence		TIAA Board of Overseers	.N	1200
				4715348			Nuveen Real Estate Nominees Limited	.GBR	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4715919			Nuveen Singapore Private Limited	.SGP	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4715254			OMP (GP) Limited	.GBR	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4901235			T-C Lux Investments GP Sarl	.LUX	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4841265			Nuveen Real Estate (Australia) Ltd.	.AUS	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4715236			Nuveen (France) SAS	.FRA	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
							TH Real Estate Limited	.GBR	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4908337			TH Real Estate PELV GP Sarl	.LUX	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
							Nuveen Corporate Secretarial Services Limited	.GBR	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4747059			Nuveen Italy Srl	.ITA	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4901244			Nuveen Operations Limited	.GBR	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4747152			TIAA-CREF Luxembourg S.a.r.l.	.LUX	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
			98-1014834	4617675			Tokyo Multifamily GP PTE Ltd	.LUX	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
							UK OM (LP1) (GP) Limited	.GBR	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4715272			UK OM (LP1) Limited	.GBR	.DS	UK OM (LP1) (GP) Limited	Ownership	100.000	TIAA Board of Overseers	.N	
				4841292			UK OM (LP2) (GP) Limited	.GBR	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4715290			UK OM (LP2) Limited	.GBR	.DS	UK OM (LP2) (GP) Limited	Ownership	100.000	TIAA Board of Overseers	.N	
				4841283			UK OM (LP3) (GP) Limited	.GBR	.DS	TH RE Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	.N	
				4715320			UK OM (LP3) Limited	.GBR	.DS	UK OM (LP3) (GP) Limited	Ownership	100.000	TIAA Board of Overseers	.N	
				4841274			Nuveen Real Estate U.S. Strategic Industrial Fund I GP, LLC	.DE	.DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			81-2388576	5193381			TIAA Global Ag Special Member LLC	.DE	.DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			45-1532009	4801867			Global Agriculture AIV, LLC	.DE	.DS	TIAA Global Ag Special Member LLC	Management		TIAA Board of Overseers	.N	
			45-1502502	4801885									TIAA Board of Overseers	.N	

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			45-1502684	4867845			Global AG US Corp.	DE	DS	Global Agriculture AIV, LLC	Ownership	56.500	TIAA Board of Overseers	N	
			81-1749609	4843287			TIAA Global Ag II Special Member LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-2126174				TPS Investors Carry-Co, LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			20-1394681	4314255			U.S. Cities Fund GP, LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3647870	5116607			U.S. Cities Industrial Fund GP LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3698954	5116616			U.S. Cities Multifamily CPF Fund GP LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3734470	5116625			U.S. Cities Office Fund GP LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3493929	5057652			U.S. Cities Retail CPF Fund GP LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Westchester Group Investment Management Holding Company, Inc.	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			27-3416812	4312916			Westchester Group Investment Management, Inc.	DE	DS	Westchester Group Investment Management Holding Company, Inc.	Ownership	90.000	TIAA Board of Overseers	N	
			27-3417683	4312925				DE	DS	Westchester Group Investment Management, Inc.	Ownership	86.700	TIAA Board of Overseers	N	
			87-0735518	4746977			Plata Wine Partners, LLC	CA	DS	Westchester Group Investment Management, Inc.	Management		TIAA Board of Overseers	N	
			26-2747489	4634038			Premiere Agricultural Management International, LLC	DE	DS	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			37-1261935	4617693			Terra Land Co.	IL	DS	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			37-6589484	4747200			The Plata Wine Partners Trust	CA	DS	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			37-1193972	4618122			Westchester Group Asset Management, Inc.	IL	DS	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			37-1193973	4618186			Westchester Group Farm Management, Inc.	IL	DS	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
				4618207			Westchester Group of Australia Pty Ltd.	AUS	DS	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
				4794482			Westchester Group of Europe Ltd.	GBR	DS	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
							Westchester Group SRL	ROU	DS	Westchester Group of Europe Ltd.	Ownership	99.000	TIAA Board of Overseers	N	1300
				4914730			Westchester Group of Poland Sp. Z.o.o.	POL	DS	Westchester Group of Europe Ltd.	Ownership	100.000	TIAA Board of Overseers	N	
							Westchester Group SRL	ROU	DS	Westchester Group of Poland Sp. Z.o.o.	Ownership	1.000	TIAA Board of Overseers	N	1300
			37-1194491	4618225			Westchester Group Real Estate, Inc.	IL	DS	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
							Westchester Group South America Gestao de Investimentos Ltda.	BRA	DS	Westchester Group Real Estate, Inc.	Ownership	1.000	TIAA Board of Overseers	N	1400
							Westchester Group South America Gestao de Investimentos Ltda.	BRA	DS	Westchester Group Investment Management, Inc.	Ownership	99.000	TIAA Board of Overseers	N	1400
			47-1563437	4749941			Nuveen Finance, LLC	DE	DS	Nuveen, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3425820	5110025			Nuveen Holdings 1, Inc.	DE	DS	Nuveen Finance, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-0373324	4767758			Nuveen Holdings, Inc.	DE	DS	Nuveen Holdings 1, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			36-3817266	3707551	885708		Nuveen Investments, Inc.	DE	DS	Nuveen Holdings, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			26-0627593	4774710			Gresham Asset Management LLC	DE	DS	Nuveen Investments, Inc.	Ownership	78.900	TIAA Board of Overseers	N	
			20-1930384	4349828			Gresham Investment Management LLC	DE	DS	Nuveen Investments, Inc.	Ownership	78.900	TIAA Board of Overseers	N	
				4781941			Gresham Investment Management Asia Pte. Ltd.	SGP	DS	Gresham Investment Management LLC	Ownership	100.000	TIAA Board of Overseers	N	
			36-4839486	5153992			Nuveen Alternative Investments, LLC	DE	DS	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			31-0942504	4774792	1311016		Nuveen Fund Advisors, LLC	DE	DS	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			27-4357327	4781624	1521019		Nuveen Asset Management, LLC	DE	DS	Nuveen Fund Advisors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			36-3293941				NIS/R&T, Inc.	IL	DS	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			37-1695518	4774831	1602161		Nuveen WCM Holdings, LLC	DE	DS	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			90-0860898	4776527	900973		Winslow Capital Management, LLC	DE	DS	Nuveen WCM Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-0730906	5147021			Growth Capital GP I, LLC	DE	DS	Winslow Capital Management, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			36-4709028	4774868	1602171		Nuveen NIQ Holdings, LLC	DE	DS	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			30-0892190	4981189	1661847		NIQ Partners, LLC	DE	DS	Nuveen NIQ Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	

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			47-0875103	4776518	763848		NIQ Investment Management Company, LLC	DE	DS	NIQ Partners, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			36-2639476	4775137	73387		Nuveen Securities, LLC	DE	DS	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			20-3432117	4774822	1109426		Santa Barbara Asset Management, LLC	DE	DS	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			94-3252504	4774813	1030815		Symphony Asset Management LLC	CA	DS	Nuveen Investments, Inc.	Ownership	51.000	TIAA Board of Overseers	N	1500
			36-7364377	4774783			Nuveen Investments Holdings, Inc.	DE	DS	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			94-3252504	4774813	1030815		Symphony Asset Management LLC	CA	DS	Nuveen Investments Holdings, Inc.	Ownership	49.000	TIAA Board of Overseers	N	1500
							Symphony Risk Retention Finance LLC	DE	DS	Symphony Asset Management LLC	Ownership	100.000	TIAA Board of Overseers	N	
			30-1032009				SRR 1 LLC	DE	DS	Symphony Risk Retention Finance LLC	Ownership	51.000	TIAA Board of Overseers	N	
			13-3760073	4313306	939222		Teachers Advisors, LLC	DE	DS	Nuveen Finance, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-1157427				Colinvest Member LLC	DE	DS	Teachers Advisors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							CLO Colinvest I LLC	DE	DS	Teachers Advisors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			13-3987258	4599052			485 Properties, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			13-3371278	4601094			JWL Properties, Inc.	DE	DS	485 Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			13-3550737	4601179			T-Investment Properties Corp.	DE	DS	485 Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			16-1735872	4601209			TOPC Associates, LLC	DE	DS	485 Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-3091169	5026603			730 Data Centers, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			82-0793232	5154029			730 Aviator, LLC	DE	DS	730 Data Centers, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3106043	5036303			730 Databridge, LLC	DE	DS	730 Data Centers, LLC	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			47-2616735	4801719			730 Power Development, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			47-2622825	4810784			730 Carroll, LLC	DE	DS	730 Power Development, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4949107			730 Cricket, LLC	DE	DS	730 Power Development, LLC	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			47-5363027	4936116			730 Telecom LLC	DE	DS	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	Y	
			13-4042885	4599801			730 Texas Forest Holdings, Inc.	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	99.500	TIAA Board of Overseers	N	1600
			51-0494351	4599838			730 Texas Timberlands II, Ltd.	TX	DS	730 Texas Forest Holdings, Inc.	Ownership	0.500	TIAA Board of Overseers	N	1600
			51-0494351	4599838			730 Texas Timberlands II, Ltd.	TX	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			13-4040842	4601722			TIAA Timberlands I, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			13-4085431	4601740			TIAA Timberlands II, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	99.500	TIAA Board of Overseers	N	1700
			13-4042888	4601713			730 Texas Timberlands, Ltd.	TX	DS	TIAA Timberlands I, LLC	Ownership	99.500	TIAA Board of Overseers	N	1700
			13-4042888	4601713			730 Texas Timberlands, Ltd.	TX	DS	730 Texas Forest Holdings, Inc.	Ownership	0.500	TIAA Board of Overseers	N	1700
										Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			26-1870966	4314808			Active Extension Fund III, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			38-3847245	4602840			Actoil, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			46-3373066	4602916			Actoil Colorado, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4651521			Great Western Petroleum LLC	DE	DS	Actoil Colorado, LLC	Influence		TIAA Board of Overseers	N	
							Great Western Exploration & Development, Inc.	DE	DS	Great Western Petroleum LLC	Ownership	100.000	TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			45-2285816	4860501			Almond Processors, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4747134			ASC Holdings, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
										Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			46-1952974	4599940			Broadleaf Timberland Investments, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	99.000	TIAA Board of Overseers	N	
			26-4647417	4601768			Quercus Forestland Account, LLC	NC	DS	Broadleaf Timberland Investments, LLC	Ownership	99.000	TIAA Board of Overseers	N	
				4618346			Quercus Panama, LLC	DE	DS	Quercus Forestland Account, LLC	Ownership	100.000	TIAA Board of Overseers	N	

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				4651503			Quercus Algoma Corporation	CAN	DS	Quercus Forestland Account, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4860538			Quercus Algoma Land Corporation	CAN	DS	Quercus Algoma Corporation	Ownership	100.000	TIAA Board of Overseers	N	
			46-2916514	4613426			Quercus West Virginia, LLC	DE	DS	Quercus Forestland Account, LLC	Ownership	99.900	TIAA Board of Overseers	N	
			47-2130842	4772275			Casa Student Housing Fund, LP	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			47-2167228	4776451			Casa Student Housing Fund Holdings, LLC	DE	DS	Casa Student Housing Fund Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-3994280	4865047			Shf-33d North Apts, LLC	DE	DS	Casa Student Housing Fund Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-4155469	4865056			Shf-Millennium One Apts, LLC	DE	DS	Casa Student Housing Fund Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-2450195	4990958			Shf-The Rocks Apts, LLC	DE	DS	Casa Student Housing Fund Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-4455610	4990967			PEP-TH CASA Student Housing, LLC	DE	DS	Casa Student Housing Fund Holdings, LLC	Ownership	90.000	TIAA Board of Overseers	N	
			47-4455303	5194418			CSHF-PEP Purdue LLC	DE	DS	PEP-TH CASA Student Housing, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			30-0965548	5195237			CSHF-PEP USF LLC	DE	DS	PEP-TH CASA Student Housing, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			13-1624203	4600015			CCM Series, LLC	DE	DS	Casa Student Housing Fund Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-4069196	4899604			CCAP Fund 6 - 2015, L.P.	DE	DS	CCM Series, LLC	Ownership	87.500	TIAA Board of Overseers	N	
			81-1205888	5010648			CCAP Fund 6 - 2016, L.P.	DE	DS	CCM Series, LLC	Ownership	97.800	TIAA Board of Overseers	N	
			81-4732595	5183485			CCAP Fund 6 - 2017, L.P.	DE	DS	CCM Series, LLC	Ownership	91.100	TIAA Board of Overseers	N	
			82-3167398				CCAP FUND 6 - 2018, L.P.	DE	DS	CCM Series, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2787412				CCAP FUND 6 - 2019, L.P.	DE	DS	CCM Series, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-4079472	4899613			CCAP Fund 8 - 2015, L.P.	DE	DS	CCM Series, LLC	Ownership	92.100	TIAA Board of Overseers	N	
			81-1212188	5010639			CCAP Fund 8 - 2016, L.P.	DE	DS	CCM Series, LLC	Ownership	90.900	TIAA Board of Overseers	N	
			81-3718876	5047596			CCAP Fund 8 - 2017, L.P.	DE	DS	CCM Series, LLC	Ownership	91.600	TIAA Board of Overseers	N	
			82-3182368				CCAP FUND 8 - 2018, L.P.	DE	DS	CCM Series, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2793857				CCAP FUND 8 - 2019, L.P.	DE	DS	CCM Series, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-0784669	4990882			CCAP Fund GE, L.P.	DE	DS	CCM Series, LLC	Ownership	89.000	TIAA Board of Overseers	N	
			81-0821374	4990903			CCAP Fund HFD, L.P.	DE	DS	CCM Series, LLC	Ownership	98.600	TIAA Board of Overseers	N	
			81-0758188	4990891			CCAP Fund HFND, L.P.	DE	DS	CCM Series, LLC	Ownership	93.600	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			13-1624203	4600024			CCM Series 2, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-0753491	4990930			CCAP Fund FI, L.P.	DE	DS	CCM Series 2, LLC	Ownership	90.800	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association of America			Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			56-2672630	4600033			Ceres Agricultural Properties, LLC	DE	DS	Ceres Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			37-1555322	4601816			Premiere Agricultural Properties, LLC	DE	DS	Ceres Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			80-0843991	4628596			Loma del Rio Vineyards, LLC	DE	DS	Premiere Agricultural Properties, LLC	Ownership	45.000	TIAA Board of Overseers	N	1800
			36-4620107	4601825			Premiere Columbia Properties, LLC	DE	DS	Ceres Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			30-0449681	4601834			Premiere Farm Properties, LLC	DE	DS	Ceres Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-3484719	4601843			Demeter Agricultural Properties II, LLC	DE	DS	Ceres Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-0352203	4628372			International Agricultural Investors, LLC	DE	DS	Ceres Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4633321			IAI Australia Pty., Ltd.	AUS	DS	International Agricultural Investors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4633330			IAI Australia Trust	AUS	DS	International Agricultural Investors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-0460488	4633358			IAI USA, LLC	DE	DS	International Agricultural Investors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							International Agricultural Investors Fund II, LLC			International Agricultural Investors Fund II, LLC	Ownership	99.000	TIAA Board of Overseers	N	
			26-2745365	4628363			Ceres Agricultural Properties, LLC	DE	DS	International Agricultural Investors Fund II, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4633303			IAI Australia Fund II, Pty., Ltd.	AUS	DS	International Agricultural Investors Fund II, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4633312			IAI Australia Fund II Trust	AUS	DS	International Agricultural Investors Fund II, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-2747755	4633349			IAI USA Fund II, LLC	DE	DS	International Agricultural Investors Fund II, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			98-1402136				Churchill Middle Market CLO IV Ltd.	CYM	DS	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	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	

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			26-3049305	4601928			Demeter Agricultural Properties, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			4601852				Mansilla Participacoes LTDA	BRA	DS	Demeter Agricultural Properties, LLC	Ownership	0.000	TIAA Board of Overseers	N	1900
			45-2632248	4600770			Dionysus Properties, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			94-3306131	4601861			Silverado Premium Properties, LLC	CA	DS	Dionysus Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			68-0436609	4612764			Arroya Loma, LLC	DE	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			75-3025596	4612867			Chalk Ridge Vineyard, LLC	CA	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			20-3964695	4613314			Hobson Avenue Vineyard, LLC	CA	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-1542713	4613417			Marsino Vineyard, LLC	CA	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			20-2103733	4613864			Silverado Los Alamos Vineyards, LLC	CA	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			20-2490906	4613882			Silverado SLO Vineyards, LLC	CA	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			20-2103788	4613891			Silverado Sonoma Vineyard, LLC	CA	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			68-0466083	4613949			SPP Napa Vineyards, LLC	DE	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			94-3361818	4613967			Stanly Ranch Vineyards, LLC	CA	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-3774024	4613976			Suscol Mountain Vineyards, LLC	CA	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-2766605	4614665			Terra Ventosa Vineyards, LLC	CA	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			43-3997217	4601870			Silverado Winegrowers Holdings, LLC	DE	DS	Dionysus Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			68-0443927	4613921			Silverado Winegrowers LLC	CA	DS	Silverado Winegrowers Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			94-3357571	4614759			Alta Loma Vineyard, LLC	CA	DS	Silverado Winegrowers LLC	Ownership	100.000	TIAA Board of Overseers	N	
			94-3312405	4615671			Oak Knoll Napa Vineyards, LLC	CA	DS	Silverado Winegrowers LLC	Ownership	100.000	TIAA Board of Overseers	N	
			91-1806950	4615783			Silverado Suscol, LLC	CA	DS	Silverado Winegrowers LLC	Ownership	100.000	TIAA Board of Overseers	N	
			45-4820104	4617077			SWG Paso Vineyard, LLC	CA	DS	Silverado Winegrowers LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-3561447	4599708	1454640		Distressed Opportunities Fund, L.P.	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	50.000	TIAA Board of Overseers	N	
				4680307			DIM Inclusive Finance Equity Fund II	LUX	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
			98-0580879	4633947			DIM Microfinance Equity Fund I	LUX	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
				5165481			Enterprise Homes Preservation Fund, LLC	MD	DS	Teachers Insurance and Annuity Association of America	Ownership	70.400	TIAA Board of Overseers	N	
			04-3718449	4643003			Envisage Information Systems, LLC	NY	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			30-0701953	4633974			EPP LFG I, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
				4894805			Global Real Estate Debt Partners Fund I (UK)	LUX	DS	Teachers Insurance and Annuity Association of America	Ownership	36.500	TIAA Board of Overseers	N	2000
							Global Real Estate Debt Partners Fund II (UK) SCSp	LUX	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	1200
			20-1930384		1684621		Gresham CMS Fund, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			32-0509812		1699398		GreshamQuant ACAR Fund LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-0737062	4952750			Growth Capital Fund I, L.P.	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	94.000	TIAA Board of Overseers	N	
				4860556			Inception GP LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			46-2031403	4860800			Inception Partners IV, LP	DE	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
			46-2062147	4860819			Inception Partners V, LP	DE	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
			27-4149157	4860846			Infra Alpha, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			27-3900641	4860855			EMG Investments, LLC	DE	DS	Infra Alpha, LLC	Influence		TIAA Board of Overseers	N	

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			47-4169877	4874656			Lewis & Clark Timberlands, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	57.400	TIAA Board of Overseers	N	
			47-4187541	4876436			L&C Log Co, LLC	DE	DS	Lewis & Clark Timberlands, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-4196668	4945967			L&C Tree Farms, LLC	DE	DS	Lewis & Clark Timberlands, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-5300478	4946384			L&C TRS LLC	DE	DS	L&C Tree Farms, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			27-2007833	4635334			Liberty M & R SPV II, LP	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4601852			Mansilla Participacoes LTDA	BRA	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	1900
				4634654			Radar Propriedades Agricolas S.A.	BRA	DS	Mansilla Participacoes LTDA	Influence		TIAA Board of Overseers	N	
				4643049			Nova Amaralina S.A. Propriedades Agricolas	BRA	DS	Radar Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
				4643320			Nova Agricola Ponte Alta S.A.	BRA	DS	Radar Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
				4643058			Nova Santa Barbara Agricola S.A.	BRA	DS	Radar Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
				4644523			Terras da Ponte Alta S.A.	BRA	DS	Radar Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
				4634645			Radar II Propriedades Agricolas S.A.	BRA	DS	Mansilla Participacoes LTDA	Influence		TIAA Board of Overseers	N	
				4643085			Proud Participacoes S.A.	BRA	DS	Radar II Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
				4644336			Vale De Ponte Alta S.A.	BRA	DS	Radar II Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
				4644318			Bioinvestments Negocios e Participacoes	BRA	DS	Radar II Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
				4644309			Agua de Ponte Alta S.A.	BRA	DS	Radar II Propriedades Agricolas S.A.	Ownership	100.000	TIAA Board of Overseers	N	
			13-1624203	5077137			MM Funding, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			47-0902011	5043075			MyVest Corporation	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	Y	
			11-3034756	4600789			ND Properties, Inc.	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	Y	
				4634917			Norteshopping Retail and Leisure Centre BV	NLD	DS	ND Properties, Inc.	Ownership	50.000	TIAA Board of Overseers	N	
				4634926			Norteshopping - Centro Commercial, S.A.	PRT	DS	Norteshopping Retail and Leisure Centre BV	Ownership	100.000	TIAA Board of Overseers	N	
			11-3034756	4611806			TIAA Stafford-Harrison LLC	DE	DS	ND Properties, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
				4611824			ND Europe S.a.r.l.	LUX	DS	ND Properties, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
				4912781			ND Europe Office Holding S.à r.l.	LUX	DS	ND Europe S.a.r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4925558			Cityhold Nympe S.à r.l.	LUX	DS	ND Europe Office Holding S.à r.l.	Ownership	6.000	TIAA Board of Overseers	N	2100
				4925530			Cityhold Propco 11 S.à r.l.	LUX	DS	ND Europe Office Holding S.à r.l.	Ownership	50.000	TIAA Board of Overseers	N	
				4914776			Cityhold Euro S.à r.l.	LUX	DS	ND Europe Office Holding S.à r.l.	Ownership	6.000	TIAA Board of Overseers	N	2200
				4913416			Cityhold Office Partnership S.à r.l.	LUX	DS	ND Europe Office Holding S.à r.l.	Ownership	50.000	TIAA Board of Overseers	N	
				98-1435873			CHOP OPCl	FRA	DS	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				98-1433967			Cityhold Iconic Holding SAS	FRA	DS	CHOP OPCl	Ownership	100.000	TIAA Board of Overseers	N	
				98-1433956			Cityhold Iconic Hotel SNC	FRA	DS	Cityhold Iconic Holding SAS	Ownership	100.000	TIAA Board of Overseers	N	
				98-1433960			Cityhold Iconic Office SCI	FRA	DS	Cityhold Iconic Holding SAS	Ownership	100.000	TIAA Board of Overseers	N	
				98-1433975			Cityhold Iconic Retail SNC	FRA	DS	Cityhold Iconic Holding SAS	Ownership	100.000	TIAA Board of Overseers	N	
				4925558			Cityhold Iconic Youth Hostel SNC	FRA	DS	Cityhold Iconic Holding SAS	Ownership	100.000	TIAA Board of Overseers	N	
				4920094			Cityhold Nympe S.à r.l.	LUX	DS	Cityhold Office Partnership S.à r.l.	Ownership	88.000	TIAA Board of Overseers	N	2100
				98-1433939			Cityhold Propco 6 S.à r.l.	LUX	DS	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				98-1435880			Cityhold Iconic Hotel OPCO SAS	FRA	DS	Cityhold Propco 6 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4925521			Cityhold Iconic Investment S.à r.l.	LUX	DS	Cityhold Propco 6 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4612746			Cityhold Propco 9 S.à r.l.	LUX	DS	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4613828			36 Rue La Fayette SAS	FRA	DS	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4914767			SAS Roosevelt	FRA	DS	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4615578			Roosevelt Participation S.à r.l.	LUX	DS	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4615578			SNC Roosevelt	FRA	DS	SAS Roosevelt	Ownership	100.000	TIAA Board of Overseers	N	2300
				4612876			SNC Roosevelt	FRA	DS	Roosevelt Participation S.à r.l.	Ownership	0.000	TIAA Board of Overseers	N	2300
				4914776			Courcelles 70 SAS	FRA	DS	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4925549			Cityhold Euro S.à r.l.	LUX	DS	Cityhold Propco 9 S.à r.l.	Ownership	88.000	TIAA Board of Overseers	N	2200
							Cityhold Propco 7 S.à r.l.	LUX	DS	Cityhold Euro S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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	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)	*
			98-1438380	4925615			Cityhold Propco 10 S.à r.l.	LUX	DS	Cityhold Euro S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
							Redevelopment Property II B.V.	LUX	DS	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4925633			Cityhold Propco 12 S.à r.l.	LUX	DS	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
							Cityhold EST Investment S.à r.l.	LUX	DS	Cityhold Propco 12 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
							Cityhold GC Investment S.à r.l.	LUX	DS	Cityhold Propco 12 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
							OVG Cloud S.à r.l.	LUX	DS	Cityhold GC Investment S.à r.l.	Influence		TIAA Board of Overseers	N	
				4914785			Cityhold Sterling S.à r.l.	LUX	DS	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4914758			Cityhold UK Holding S.à r.l.	LUX	DS	Cityhold Sterling S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4919753			Cityhold UK Investment S.à r.l.	LUX	DS	Cityhold UK Holding S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4651343			London Belgrave Unit Trust	JEY	DS	Cityhold UK Holding S.à r.l.	Ownership	99.800	TIAA Board of Overseers	N	2400
				4651343			London Belgrave Unit Trust	JEY	DS	Cityhold UK Investment S.à r.l.	Ownership	0.200	TIAA Board of Overseers	N	2400
				4949198			CLOF Victoria Nominee 1 Limited	GBR	DS	London Belgrave Unit Trust	Ownership	100.000	TIAA Board of Overseers	N	
				4949228			CLOF Victoria Nominee 2 Limited	GBR	DS	London Belgrave Unit Trust	Ownership	100.000	TIAA Board of Overseers	N	
				4844341			New Fetter Lane Unit Trust	JEY	DS	Cityhold UK Holding S.à r.l.	Ownership	99.900	TIAA Board of Overseers	N	2500
				4844341			New Fetter Lane Unit Trust	JEY	DS	Cityhold UK Investment S.à r.l.	Ownership	0.100	TIAA Board of Overseers	N	2500
				4919744			60 Great Portland Street Unit Trust	JEY	DS	Cityhold UK Holding S.à r.l.	Ownership	99.400	TIAA Board of Overseers	N	2600
				4919744			60 Great Portland Street Unit Trust	JEY	DS	Cityhold UK Investment S.à r.l.	Ownership	0.600	TIAA Board of Overseers	N	2600
				4920076			SMA Holding S.à r.l.	LUX	DS	Cityhold UK Investment S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4919744			70 St Mary Axe Unit Trust	JEY	DS	SMA Holding S.à r.l.	Ownership	99.900	TIAA Board of Overseers	N	2700
				4919744			70 St Mary Axe Unit Trust	JEY	DS	Cityhold UK Investment S.à r.l.	Ownership	0.100	TIAA Board of Overseers	N	2700
				4920067			HV Properties S.à r.l.	LUX	DS	Cityhold UK Holding S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4925763			HV Freehold S.à r.l.	LUX	DS	HV Properties S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4614704			TIAA Lux 9 S.à r.l.	LUX	DS	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4615738			SAS Malachite	FRA	DS	TIAA Lux 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4616847			SNC Garnet-TIAA	FRA	DS	SAS Malachite	Ownership	100.000	TIAA Board of Overseers	N	
				4616856			SNC La Defense	FRA	DS	SAS Malachite	Ownership	100.000	TIAA Board of Overseers	N	
				4616865			SNC Lazuli	FRA	DS	SAS Malachite	Ownership	100.000	TIAA Board of Overseers	N	
				4616874			SNC Peridot	FRA	DS	SAS Malachite	Ownership	100.000	TIAA Board of Overseers	N	
				4612997			T-C Neuperlach Development S.a.r.l.	LUX	DS	ND Europe S.a.r.l.	Ownership	51.000	TIAA Board of Overseers	N	
				4613015			T-C Pep Holding S.a.r.l.	LUX	DS	ND Europe S.a.r.l.	Ownership	51.000	TIAA Board of Overseers	N	
				4617497			T-C Pep Property S.a.r.l.	LUX	DS	T-C Pep Holding S.a.r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4617488			T-C Pep Asset S.a.r.l.	LUX	DS	T-C Pep Holding S.a.r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4614674			TIAA Lux 11 S.a.r.l.	LUX	DS	ND Europe S.a.r.l.	Ownership	51.000	TIAA Board of Overseers	N	
				4615635			Gropius Passagen Verwaltungs GmbH	DEU	DS	TIAA Lux 11 S.a.r.l.	Ownership	80.000	TIAA Board of Overseers	N	
				4615644			Gropius S.a.r.l.	LUX	DS	TIAA Lux 11 S.a.r.l.	Ownership	80.000	TIAA Board of Overseers	N	
				4615626			Gropius Passagen GmbH & Co KG	DEU	DS	Gropius S.a.r.l.	Ownership	99.800	TIAA Board of Overseers	N	2800
				4615626			Gropius Passagen GmbH & Co KG	DEU	DS	TIAA Lux 11 S.a.r.l.	Ownership	0.200	TIAA Board of Overseers	N	2800
				4611842			TIAA Lux 5 S.a.r.l.	LUX	DS	ND Properties, Inc.	Ownership	51.000	TIAA Board of Overseers	N	
				4612906			Erlangen Arcaden Verwaltungs GmbH	DEU	DS	TIAA Lux 5 S.a.r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4612885			Erlangen Arcaden GmbH & Co. KG	DEU	DS	TIAA Lux 5 S.a.r.l.	Ownership	94.900	TIAA Board of Overseers	N	2900
				4612885			Erlangen Arcaden GmbH & Co. KG	DEU	DS	Erlangen Arcaden Verwaltungs GmbH	Ownership	5.100	TIAA Board of Overseers	N	2900
				20-1371171		1378575	U.S. Cities Fund, LP	DE	DS	ND Properties, Inc.	Management		TIAA Board of Overseers	N	3000
				20-1371171		1378575	U.S. Cities Fund, LP	DE	DS	U.S. Cities Fund GP, LLC	Management		TIAA Board of Overseers	N	3000
				20-1371379			U.S. Cities Fund REIT, LLC	DE	DS	U.S. Cities Fund, LP	Ownership	100.000	TIAA Board of Overseers	N	
				47-4841790			T-C Ocean Air, LLC	DE	DS	U.S. Cities Fund REIT, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				20-1364650			U.S. Cities Fund Operating GP, LLC	DE	DS	U.S. Cities Fund REIT, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				20-1371235			U.S. Cities Fund Operating, LP	DE	DS	U.S. Cities Fund REIT, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				45-4768909			T-C 3333 Wisconsin Avenue, LLC	DE	DS	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
				45-2612359			T-C Ellington LLC	DE	DS	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
				46-5061808			T-C Falls Center Townhouses LLC	DE	DS	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
				26-1700245			T-C King Street Station LLC	DE	DS	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
				47-2532161			T-C Savier Street Flats LLC	DE	DS	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
				27-4180357			T-C State House on Congress Apartments LLC	DE	DS	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
				14-2005711			T-C Stonecrest LLC	DE	DS	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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	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)	*
			45-2892182	4618177			T-C Trio Apartments LLC	DE	DS	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3629374	5057670			TCPF 300 SW 27 LLC	DE	DS	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3738136	5115495			U.S. Cities Industrial CPF Fund LP	DE	DS	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3681230	5115972			U.S. Cities Industrial CPF Fund REIT LLC	DE	DS	U.S. Cities Industrial Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3671343	5116755			U.S. Cities Industrial CPF Fund Operating GP LLC	DE	DS	U.S. Cities Industrial Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3757117	5116250			U.S. Cities Industrial CPF Fund Operating LP	DE	DS	U.S. Cities Industrial Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			36-4863777	5116737			T-C Hermosa Avenue LLC	DE	DS	U.S. Cities Industrial Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3765537	5115507			U.S. Cities Multifamily CPF Fund LP	DE	DS	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3870674	5115963			U.S. Cities Multifamily CPF Fund REIT LLC	DE	DS	U.S. Cities Multifamily Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3716920	5116782			U.S. Cities Multifamily CPF Fund Operating GP LLC	DE	DS	U.S. Cities Multifamily Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3794611	5116773			U.S. Cities Multifamily CPF Fund Operating LP	DE	DS	U.S. Cities Multifamily Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3814378	5115516			U.S. Cities Office CPF Fund LP	DE	DS	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3911937	5115945			U.S. Cities Office CPF Fund REIT LLC	DE	DS	U.S. Cities Office Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3881522	5116595			U.S. Cities Office CPF Fund Operating GP LLC	DE	DS	U.S. Cities Office Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3839479	5116791			U.S. Cities Office CPF Fund Operating LP	DE	DS	U.S. Cities Office Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			38-4031444	5117604			T-C 2500 Wilson Boulevard LLC	DE	DS	U.S. Cities Office Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	N	
			35-2589573	5117631			T-C World Trade Center North LLC	DE	DS	U.S. Cities Office Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3437405	5057689			U.S. Cities Retail CPF Fund LP	DE	DS	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3573421	5066403			U.S. Cities Retail CPF Fund REIT LLC	DE	DS	U.S. Cities Retail Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3925904	5087958			CPF/UIR Joint Venture TRS LLC	DE	DS	U.S. Cities Retail Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3578259	5086924			U.S. Cities Retail CPF Fund Operating GP LLC	DE	DS	U.S. Cities Retail Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3473773	5075713			U.S. Cities Retail CPF Fund Operating LP	DE	DS	U.S. Cities Retail Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-2914954	5106457			CPF/UIR JV Member LLC	DE	DS	U.S. Cities Retail Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-2928112	5110034			CPF/UIR Joint Venture LLC	DE	DS	CPF/UIR JV Member LLC	Ownership	51.000	TIAA Board of Overseers	N	
			81-2955427	5110490			CPF 636 Sixth Avenue LLC	DE	DS	CPF/UIR Joint Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2264739	4785949			T-C 636 Sixth Avenue Retail LLC	DE	DS	CPF 636 Sixth Avenue LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-2982618	5110511			CPF 856 Market Street LLC	DE	DS	CPF/UIR Joint Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-2973332	5110502			CPF 1511 Third Avenue LLC	DE	DS	CPF/UIR Joint Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4785930			T-C 1608 Chestnut General Partner LLC	DE	DS	CPF/UIR Joint Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4843371			1608 Chestnut Partners LP	DE	DS	T-C 1608 Chestnut General Partner LLC	Ownership	1.000	TIAA Board of Overseers	N	3100
				4785958			T-C 1608 Chestnut Limited Partner LLC	DE	DS	CPF/UIR Joint Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4843371			1608 Chestnut Partners LP	DE	DS	T-C 1608 Chestnut Limited Partner LLC	Ownership	99.000	TIAA Board of Overseers	N	3100
			27-4116676	4618092			T-C Potomac Promenade LLC	DE	DS	U.S. Cities Retail Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	N	
			26-1963207	4618104			T-C Roosevelt Square LLC	DE	DS	U.S. Cities Retail Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-4935916	4952611			TCAM Core Prop Fund REIT 2 LLC	DE	DS	U.S. Cities Fund, LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-4016470	4865159			T-C 51 Sleeper Street LLC	DE	DS	TCAM Core Prop Fund REIT 2 LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-2429791	5194061			Nuveen Real Estate U.S. Strategic Industrial Fund I LP	DE	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
			81-2410066	5205097			Nuveen Real Estate U.S. Strategic Industrial Fund I Holdings, LLC	DE	DS	TIAA U.S. Strategic Industrial Fund I, LP	Ownership	100.000	TIAA Board of Overseers	N	
				5194070			Nuveen Real Estate U.S. Strategic Industrial Fund I Investors LP	DE	DS	TH Real Estate U.S. Strategic Industrial Fund I Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-3685468				SIF 301 Business Center Investor Member LLC	DE	DS	TH Real Estate U.S. Strategic Industrial Fund I OP, LP	Ownership	100.000	TIAA Board of Overseers	N	
							301 Business Centre, LLC	DE	DS	SIF 301 Business Center Investor Member LLC	Ownership	95.000	TIAA Board of Overseers	N	
							Buildings 100, 200, 300 LLC	DE	DS	301 Business Centre, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Building 400 LLC	DE	DS	301 Business Centre, LLC	Ownership	100.000	TIAA Board of Overseers	N	

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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	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)	*
			82-4088352				SIF 60 Chapin Road LLC	DE	DS	TH Real Estate U.S. Strategic Industrial Fund I Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1232681				SIF 4500 Dunham Street LLC	DE	DS	TH Real Estate U.S. Strategic Industrial Fund I Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-3959987				SIF EBP Member LLC	DE	DS	TH Real Estate U.S. Strategic Industrial Fund I Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-3944178				SIF-DP EBP Venture LLC	DE	DS	SIF EBP Member LLC	Ownership	95.000	TIAA Board of Overseers	N	
			82-3913810				EBP Owner 1 LLC	DE	DS	SIF-DP EBP Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			30-1018623				EBP Owner 2 LLC	DE	DS	SIF-DP EBP Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-4165273				SIF Serrano Business Park Investor Member LLC	DE	DS	TH Real Estate U.S. Strategic Industrial Fund I Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							CRPF Bain IV, LLC	DE	DS	SIF Serrano Business Park Investor Member LLC	Ownership	90.000	TIAA Board of Overseers	N	
			83-0763298				SIF Volta Industrial Center LLC	DE	DS	TH Real Estate U.S. Strategic Industrial Fund I Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-4750562	4600846			Occator Agricultural Properties, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			46-1768969	4611860			AGR Agricultural Investments, LLC	DE	DS	Occator Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4643861			Ridley Corporation Limited	AUS	DS	AGR Agricultural Investments	Influence		TIAA Board of Overseers	N	
				5106475			Mandala Food Co-Investment Holdings II SPV	MUS	DS	Occator Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4628608			Materra, LLC	CA	DS	Occator Agricultural Properties, LLC	Influence		TIAA Board of Overseers	N	
				26-4621336	4644475		Teays River Investments, LLC	DE	DS	Occator Agricultural Properties, LLC	Influence		TIAA Board of Overseers	N	
			26-4248579	4313025			Oleum Holding Company, Inc.	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	Y	
				4313100			Polar Star Canadian Oil and Gas Holding, Inc	CAN	DS	Oleum Holding Company, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
				4612755			Adastra Management, Inc.	CAN	DS	Polar Star Canadian Oil and Gas Holding, Inc	Management		TIAA Board of Overseers	N	
				4936095			Nova Star Oil and Gas Inc.	CAN	DS	Polar Star Canadian Oil and Gas Holding, Inc	Ownership	100.000	TIAA Board of Overseers	N	
				4313128			Polar Star Canadian Oil and Gas, Inc.	CAN	DS	Polar Star Canadian Oil and Gas Holding, Inc	Ownership	100.000	TIAA Board of Overseers	N	
			26-3821015	4630133			Pinnacle Third Avenue, LP	DE	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
			81-6646838	5018644			Primary Residential Individual Mortgage Entity Trust	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			45-2792614	4601142			Renewable Timber Europe, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4990994			Renewable Timber Netherlands B.V.	POL	DS	Renewable Timber Europe, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4614713			Topola Lasy Spolka z.o.o.	POL	DS	Renewable Timber Netherlands B.V.	Ownership	100.000	TIAA Board of Overseers	N	
			61-1640765	4601759			Renewable Timber Resources, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4611927			Forestal y Agricola Silvoligna Chile Limitada	CHL	DS	Renewable Timber Resources, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			11-3564797	4643898			RT Tri-State LLC	DE	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
			03-0543113	4868637			Siguter Guff Third Avenue, L.P.	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4858629			Social Infra, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4599977			T-C 20 Hunter Street (AUS) Pty Ltd	AUS	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			46-3922951	4599968			T-C 20 Hunter Street (US), LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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	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)	*
			81-2525521	4998468			T-C 400 Montgomery, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			5077128	5077128			400 Montgomery Investors, LLC	DE	DS	T-C 400 Montgomery, LLC	Ownership	97.500	TIAA Board of Overseers	N	
			27-4123754	4601777			T-C 685 Third Avenue Member, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			27-3835063	4643982			T-C 685 Third Avenue Venture, LLC	DE	DS	T-C 685 Third Avenue Member, LLC	Ownership	50.000	TIAA Board of Overseers	N	
			27-3095569	4644000	1510620		T-C 685 Third Avenue, LLC	DE	DS	T-C 685 Third Avenue Venture, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2986461	4843380			T-C 685 Third Avenue Mezzanine LLC	DE	DS	T-C 685 Third Avenue, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			61-1754745	4843915			T-C 685 Third Avenue Owner LLC	DE	DS	T-C 685 Third Avenue Mezzanine LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-4969690	4653972			T-C 699 Bourke Street LLC	DE	DS	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	DS	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	DS	T-C Australia RE Holdings I, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				5084966			TIAA Australia Real Estate Trust	AUS	DS	T-C Australia RE Holdings II, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4868477			T-C 20 Hunter Street (AUS) Trust	AUS	DS	TIAA Australia Real Estate Trust	Ownership	100.000	TIAA Board of Overseers	N	
				5195255			TGA Miller Holding Trust	AUS	DS	TIAA Australia Real Estate Trust	Ownership	100.000	TIAA Board of Overseers	N	
				5201820			TGA Miller Street Trust	AUS	DS	TGA Miller Holding Trust	Ownership	100.000	TIAA Board of Overseers	N	
				5085749			TIAA Melbourne Retail Holding 1 Trust	AUS	DS	TIAA Australia Real Estate Trust	Ownership	100.000	TIAA Board of Overseers	N	
				5087891			TIAA Melbourne Retail Asset 1 Trust	AUS	DS	TIAA Melbourne Retail Holding 1 Trust	Ownership	100.000	TIAA Board of Overseers	N	
			47-2363168	4794503			T-C Europe Holding Inc.	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			47-2369576	4794473			T-C Europe LP	DE	DS	T-C Europe Holding Inc.	Ownership	1.000	TIAA Board of Overseers	N	3200
			47-2369576	4794473			T-C Europe LP	DE	DS	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	DS	T-C Europe LP	Ownership	100.000	TIAA Board of Overseers	N	
				4873501			Nightingale LuxCo S.à r.l.	LUX	DS	T-C Europe S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4874665			T-C Nordics Investment AB	SWE	DS	Nightingale LuxCo S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4908391			Sweden Nova Lund 1 AB	SWE	DS	T-C Nordics Investment AB	Ownership	100.000	TIAA Board of Overseers	N	
				4908403			Sweden Nova Lund 2 AB	SWE	DS	T-C Nordics Investment AB	Ownership	100.000	TIAA Board of Overseers	N	
				4841443			T-C Luxembourg Neptune Holdings S.à r.l.	LUX	DS	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	DS	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	DS	T-C Neptune Holdings S.à r.l.	Ownership	61.800	TIAA Board of Overseers	N	
				4908373			Neptune Polish Property Venture BV	NLD	DS	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4912736			Neptune Krakow SP. z.o.o.	POL	DS	Neptune Polish Property Venture BV	Ownership	100.000	TIAA Board of Overseers	N	
				4912745			Neptune Annapol SP. z.o.o.	POL	DS	Neptune Polish Property Venture BV	Ownership	100.000	TIAA Board of Overseers	N	
				5083633			Neptune Poznan SP. z.o.o.	POL	DS	Neptune Polish Property Venture BV	Ownership	100.000	TIAA Board of Overseers	N	
							Neptune Property Holding S.à r.l.	LUX	DS	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
							Nemab Sugar City B.V.	NLD	DS	Neptune Property Holding S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4908364			Neptune Holding Spain, S.L.	ESP	DS	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4912709			Promcat Alternativa, S.L.	ESP	DS	Neptune Holding Spain, S.L.	Ownership	100.000	TIAA Board of Overseers	N	
				4948687			Neptune OPCI SAS	FRA	DS	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4952648			Roppenheim Holding SAS	FRA	DS	Neptune OPCI SAS	Ownership	100.000	TIAA Board of Overseers	N	
				4901383			Roppenheim Outlet SNC	FRA	DS	Roppenheim Holding SAS	Ownership	100.000	TIAA Board of Overseers	N	3300
				5195291			Neptune Polish HoldCo 2 B.V.	NLD	DS	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				5198779			Neptune Ursus SP. z.o.o.	POL	DS	Neptune Polish HoldCo 2 B.V.	Ownership	100.000	TIAA Board of Overseers	N	
				4949095			Neptune Roppenheim Holding S.à r.l.	FRA	DS	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4901383			Roppenheim Outlet SNC	FRA	DS	Neptune Roppenheim Holding S.à r.l.	Ownership	0.000	TIAA Board of Overseers	N	3300
				5083642			Neptune Vicolungo I S.r.l.	ITA	DS	Neptune Roppenheim Holding S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
							Castel Guelfo I SRL	ITA	DS	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				5083651			Neptune Madrid Holdco S.L.	ESP	DS	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				5085691			Nevis Getafe S.L.	ESP	DS	Neptune Madrid Holdco S.L.	Ownership	100.000	TIAA Board of Overseers	N	
				5085703			Neptune Getafe Procco S.L.	ESP	DS	Neptune Madrid Holdco S.L.	Ownership	100.000	TIAA Board of Overseers	N	
				5084920			Neptune Las Rozas Outlet S.L.	ESP	DS	Neptune Madrid Holdco S.L.	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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			47-2903922	4843326			Legacy Place Properties, LLC	MA	DS	Legacy Place Associates, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2867784	4843979			T-C Republic Square Member LLC	DE	DS	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-3033681	4844659			T-C Republic Square Venture LLC	DE	DS	T-C Republic Square Member LLC	Ownership	50.100	TIAA Board of Overseers	N	
			47-3091198	4844798			T-C Republic Square REIT LLC	DE	DS	T-C Republic Square Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2793452	4847735			T-C Republic Square Mezzanine LLC	DE	DS	T-C Republic Square REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-1379500	4749969			T-C Republic Square Owner LLC	DE	DS	T-C Republic Square Mezzanine LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-1347366	4752503			The Flats Holding Company LLC	DE	DS	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-1363564	4752512			The Flats 130 DC Residential LLC	DE	DS	The Flats Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-1367530	4751766			The Flats 140 DC Residential LLC	DE	DS	The Flats Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
							The Flats DC Grocery LLC	DE	DS	The Flats Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-4567368	4651473			T-C JK I, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4680316			Adeoti Empreendimentos Imobiliários Ltda	BRA	DS	T-C JK I, LLC	Ownership	51.000	TIAA Board of Overseers	N	3400
			46-4587620	4651482			T-C JK II, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4680316			Adeoti Empreendimentos Imobiliários Ltda	BRA	DS	T-C JK II, LLC	Ownership	49.000	TIAA Board of Overseers	N	3400
			47-4095803	4864022			T-C Lux Fund Holdings LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4896256			T-C Lux Investments Special Limited Partnership	LUX	DS	T-C Lux Fund Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
							European Cities Partnership SCSp	LUX	DS	T-C Lux Investments Special Limited Partnership	Influence		TIAA Board of Overseers	N	1100
				4894805			Global Real Estate Debt Partners Fund I (UK)	LUX	DS	T-C Lux Investments Special Limited Partnership	Ownership	24.300	TIAA Board of Overseers	N	2000
			81-4583865	5137956			T-C MV Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-4599024	5147049			T-C M-T REIT LLC	DE	DS	T-C M-T Venture LLC	Ownership	99.900	TIAA Board of Overseers	N	
			47-1954609	4759605			T-C Mt. Ommaney Centre Holding Company LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			47-1828871	4749905			T-C Mt. Ommaney Centre LLC	DE	DS	T-C Mt. Ommaney Centre Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-1023309	5117800			T-C Permian Investor LLC	DE	DS	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	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			20-8309570	4601795			T-C SMA 1, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			20-8309587	4619790			CPPIB-TIAA US Real Property Fund LP	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	50.000	TIAA Board of Overseers	N	3500
			20-8309587	4619790			CPPIB-TIAA US Real Property Fund LP	DE	DS	T-C SMA 1, LLC	Ownership	1.000	TIAA Board of Overseers	N	3500
			20-8309622	4644019			C-T Shenandoah, LLC	DE	DS	CPPIB-TIAA US Real Property Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
			36-4620008	4599128			T-C SMA 2, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			36-4619998	4634029			PennMuni-TIAA U.S. Real Estate Fund, LLC	DE	DS	T-C SMA 2, LLC	Management		TIAA Board of Overseers	N	
			47-1508630	4746968			T-C 526 Route 46 LLC	DE	DS	PennMuni-TIAA U.S. Real Estate Fund, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-2762767	4644028			T-C Barton Springs LLC	DE	DS	PennMuni-TIAA U.S. Real Estate Fund, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-2719700	4644037			T-C Century Plaza LLC	DE	DS	PennMuni-TIAA U.S. Real Estate Fund, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2569491	4843317			T-C Copley LLC	DE	DS	PennMuni-TIAA U.S. Real Estate Fund, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			27-4023559	4644046			T-C Des Peres Corners LLC	DE	DS	PennMuni-TIAA U.S. Real Estate Fund, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-2272411	5010666			T-C Fairway Center II LLC	DE	DS	PennMuni-TIAA U.S. Real Estate Fund, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-3678318	4644103			T-C RDC, LLC	DE	DS	PennMuni-TIAA U.S. Real Estate Fund, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			45-3525878	4644112			T-C Scripps Ranch LLC	DE	DS	PennMuni-TIAA U.S. Real Estate Fund, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			27-3415834	4644130			T-C Shoppes at Monarch Lakes LLC	DE	DS	PennMuni-TIAA U.S. Real Estate Fund, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-4977129	4653909			T-C Uptown Apartments, LLC	DE	DS	PennMuni-TIAA U.S. Real Estate Fund, 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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			27-1858182	4599137			T-C SMA III, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-2204918	4990976			T-C The Edge at Flagler Village, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-2676934	5012370			T-C UK RE Holdings I, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-2691474	5014299			T-C UK RE Holdings II, LLC	DE	DS	T-C UK RE Holdings I, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3299073	5018635			T-C UK RE Holdings III, LLC	DE	DS	T-C UK RE Holdings II, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				5044586			Thurrock Retail Park Unit Trust	JEY	DS	T-C UK RE Holdings III, LLC	Ownership	99.500	TIAA Board of Overseers	N	3600
				5044586			Thurrock Retail Park Unit Trust	JEY	DS	T-C UK RE Holdings II, LLC	Ownership	0.500	TIAA Board of Overseers	N	3600
			47-3148337	4894869			T-C U.S. Super Regional Mall Fund LP	DE	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
			83-0977309				SRMF Baybrook REIT LLC	DE	DS	T-C U.S. Super Regional Mall Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
			83-0990258				SRMF Baybrook Investor TRS LLC	DE	DS	SRMF Baybrook REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1015425				SRMF Baybrook Investor Member LLC	DE	DS	SRMF Baybrook REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1028560				SRMF La Cantera REIT LLC	DE	DS	T-C U.S. Super Regional Mall Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
			83-1046807				SRMF La Cantera Investor Member LLC	DE	DS	SRMF La Cantera REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1059934				SRMF TMIC REIT LLC	DE	DS	T-C U.S. Super Regional Mall Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
			83-1070532				SRMF TMIC Investor Member LLC	DE	DS	SRMF TMIC REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-4717093	5098459			SRMF Town Square Investor Member LLC	DE	DS	T-C U.S. Super Regional Mall Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
				5104547			SRMF Town Square Venture LLC	DE	DS	SRMF Town Square Investor Member LLC	Ownership	85.000	TIAA Board of Overseers	N	
							SRMF Town Square Owner LLC	DE	DS	SRMF Town Square Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-4447657	4896322			T-C Pearl Reit 2 LLC	DE	DS	T-C U.S. Super Regional Mall Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5379777	4925512			T-C Waterford Blue Lagoon General Partner, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			47-5392075	4927785			Waterford Blue Lagoon LP	DE	DS	T-C Waterford Blue Lagoon General Partner, LLC	Ownership	1.000	TIAA Board of Overseers	N	3700
			47-5375805	4925503			T-C Waterford Blue Lagoon, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			47-5392075	4927785			Waterford Blue Lagoon LP	DE	DS	T-C Waterford Blue Lagoon, LLC	Ownership	50.000	TIAA Board of Overseers	N	3700
			81-0779817	4930226			Westland At Waterford REIT General Partner LLC	DE	DS	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5321319	4930196			Westland At Waterford REIT LP	DE	DS	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5635267	4933003			Westland At Waterford General Partner LLC	DE	DS	Westland At Waterford REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5580924	4932994			Westland At Waterford Operating LP	DE	DS	Westland At Waterford REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
				4930244			Waterford Blue Lagoon REIT General Partner LLC	DE	DS	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5305678	4930208			Waterford Blue Lagoon REIT LP	DE	DS	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5642524	4933067			5201-5301 Waterford General Partner LLC	DE	DS	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5541032	4933012			5201-5301 Waterford Operating LP	DE	DS	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5672651	4933076			5200 Waterford General Partner LLC	DE	DS	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5498897	4933021			5200 Waterford Operating LP	DE	DS	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-0722154	4933085			1000 Waterford General Partner LLC	DE	DS	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5479437	4933030			1000 Waterford Operating LP	DE	DS	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5445045	4933115			703 Waterford General Partner LLC	DE	DS	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5471474	4933049			703 Waterford Operating LP	DE	DS	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5405436	4933124			701 Waterford General Partner LLC	DE	DS	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5417563	4933058			701 Waterford Operating LP	DE	DS	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-0733012	4930217			Waterford Core General Partner LLC	DE	DS	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5587163	4928661			Waterford Core Operating LP	DE	DS	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	N	
			82-2631273	5165557			Waterford Core REIT General Partner LLC	DE	DS	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	N	
			82-2646233	5165566			Waterford Core REIT LP	DE	DS	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	N	
			82-2663579	5165548			Waterford Core II Operating LP	DE	DS	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	N	
			82-2672297	5165539			Waterford Core II General Partner LLC	DE	DS	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	N	

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PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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			82-1645257	5183412			TGA 127-137 Franklin LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-2769108	5012389			TGA 299 Franklin LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-3988795	5049479			TGA 600 College Road LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			83-2548459				TGA 730 Third Avenue Owner LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			83-2957526				TGA 3401 North Ashton Blvd LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			82-4830474				TGA 3851 Grandpine Way LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			82-2225812				TGA APAC Fund Holdings, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			82-2311300				Asia Pacific Cities Fund, FCP	LUX	DS	TGA APAC Fund Holdings, LLC	Ownership	38.600	TIAA Board of Overseers	N	3800
							TGA Real Estate Fund Holdings, LLC	DE	DS	TGA APAC Fund Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Asia Pacific Cities Fund, FCP	LUX	DS	TGA Real Estate Fund Holdings, LLC	Ownership	38.600	TIAA Board of Overseers	N	3800
			83-1851559				TGA Barnes Canyon Life Science LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			83-3799476				TGA Central Green LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			83-0780652				TGA Connections at Athens Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			61-1892161				PEP-TH Athens, LLC	DE	DS	TGA Connections at Athens Investor Member LLC	Ownership	98.000	TIAA Board of Overseers	N	
			83-1011298				PEP Athens, LLC	DE	DS	PEP-TH Athens, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				5049497			TGA FC Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			82-2708488				Fenway Center Holding 1-2, LLC	DE	DS	TGA FC Investor Member LLC	Ownership	50.000	TIAA Board of Overseers	N	
			82-2708488				Fenway Center Owner 1-2, LLC	DE	DS	Fenway Center Holding 1-2, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2810033				TGA European RE Holdings I, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							Eagle GPCo S.à r.l.	LUX	DS	TGA European RE Holdings I, LLC	Ownership	89.500	TIAA Board of Overseers	N	
							Eagle Partnership SCSp	LUX	DS	TGA European RE Holdings I, LLC	Ownership	89.500	TIAA Board of Overseers	N	
							Eagle JVCo S.à r.l.	LUX	DS	Eagle Partnership SCSp	Ownership	100.000	TIAA Board of Overseers	N	
							Eagle Austria Holdings S.à r.l.	LUX	DS	Eagle JVCo S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
			81-3602072	5040551			TGA Japan Holdings, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				5047710			TGA Japan Holdings Pte Ltd	SGP	DS	TGA Japan Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				5048771			TGA Japan GK Holdings Pte Ltd	SGP	DS	TGA Japan Holdings Pte Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				5049929			TGA Ginza115 GK	JPN	DS	TGA Japan GK Holdings Pte Ltd	Ownership	99.000	TIAA Board of Overseers	N	
				5049938			TGA Ginza115 TMK	JPN	DS	TGA Japan GK Holdings Pte Ltd	Ownership	51.000	TIAA Board of Overseers	N	3900
				5048762			TGA Ginza 115 Holdings Pte Ltd	SGP	DS	TGA Japan Holdings Pte Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				5049938			TGA Ginza115 TMK	JPN	DS	TGA Ginza 115 Holdings Pte Ltd	Ownership	49.000	TIAA Board of Overseers	N	3900
				5050064			TGA Ginza115 ISH	JPN	DS	TGA Ginza 115 Holdings Pte Ltd	Ownership	100.000	TIAA Board of Overseers	N	
			82-1169084				TGA MKP Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			82-1198745				TGA MKP Venture LLC	DE	DS	TGA MKP Member LLC	Ownership	60.000	TIAA Board of Overseers	N	
			82-1187131				TGA MKP REIT LLC	DE	DS	TGA MKP Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-4232788	5075722			TGA Montague Investor Member, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				5093780			RCD TGA Pierrepont Partners LLC	DE	DS	TGA Montague Investor Member, LLC	Ownership	51.600	TIAA Board of Overseers	N	
			81-3542251	5040542			TGA Montrose Residences Investor Member, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	

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SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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			81-2872565	5047635			The Residences at La Colombe d'Or Investors LLC	DE	DS	TGA Montrose Residences Investor Member, LLC	Ownership	90.000	TIAA Board of Overseers	N	
			83-1916152				TGA MS Self Storage Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			83-2379583				Morningstar NRE Self Storage Portfolio LLC	DE	DS	TGA MS Self Storage Investor Member LLC	Ownership	90.000	TIAA Board of Overseers	N	
							MSC Tallahassee, LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Bentonville, LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Carolinas, LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Dam Storage, LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Yorktown, LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Greenhouse, LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Midtown Atlanta, LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Kemps Landing, LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC South End, LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC MTP, LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Peachtree, LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Evans Rd, LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC SW Austin, LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Buda, LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Boerne, LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Spring Branch, LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MSC Highway 521 Storage, LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-4153778				TGA Near East LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							TGA NJAHP Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							NJAHP Preservation Associates JV LLC	DE	DS	TGA NJAHP Investor Member LLC	Ownership	90.440	TIAA Board of Overseers	N	
			83-1934291				TGA Oak View Mall LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			83-3250233				TGA Pleasant Prairie Center LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			83-2938932				TGA Sandy Commerce Park LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			83-2063402				TGA SP-MPC Housing Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			83-2147240				TGA-SP Housing Venture I LLC	DE	DS	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	DS	TGA-SP Housing Venture I LLC	Ownership	97.000	TIAA Board of Overseers	N	

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SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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			83-1869494				MPSP Ashwood MHC LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1869400				MPSP Ashwood Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1205616				MPSP Lemon Tree MHC LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1213262				MPSP Lemon Tree Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1230714				MPSP Mobile Gardens MHC LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1230821				MPSP Mobile Gardens Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2700544				MPSP Shiloh MHC LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2700633				MPSP Shiloh Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2725391				MPSP Shiloh Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2725560				MPSP Stonegate MHC LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MPSP Stonegate Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							MPSP Stonegate Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2861026				MPSP Windsong MHC LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2848324				MPSP Windsong Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2848439				MPSP Windsong Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-0723201				TGA Yorktown Trinity Groves LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-1994278	5018626			TGAM Agribusiness Fund LP	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	97.400	TIAA Board of Overseers	N	
			82-0646994	5077164			TGAM Agribusiness Fund Holdings LP	DE	DS	TGAM Agribusiness Fund LP	Ownership	86.800	TIAA Board of Overseers	N	
			82-2826183				TIAA Administrative Services LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4900500			TIAA CLO I Ltd	CYM	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
				5049965			TIAA CLO I LLC	DE	DS	TIAA CLO I Ltd	Ownership	100.000	TIAA Board of Overseers	N	
							TIAA CLO II Ltd	CYM	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
							TIAA CLO II LLC	DE	DS	TIAA CLO II Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				5157860			TIAA CLO III Ltd	CYM	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
							TIAA CLO III LLC	DE	DS	TIAA CLO III Ltd	Ownership	100.000	TIAA Board of Overseers	N	
							TIAA CLO IV Ltd	CYM	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
							TIAA CLO V Ltd	CYM	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
							TIAA CLO V LLC	DE	DS	TIAA CLO III Ltd	Ownership	100.000	TIAA Board of Overseers	N	
			13-4173396	4599203			TIAA CMBS I, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			13-4173396	4602774			TIAA CMBS I Trust	DE	DS	TIAA CMBS I, LLC	Ownership	100.000	TIAA Board of Overseers	N	

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				5198809			Brasilwood Reflorestamento S.A.	.BRA	.DS	GAPK Investimentos Ltda.	Ownership	25.000	TIAA Board of Overseers	.N	4400
				5198818			Jatoba Brasil Investimentos Florestais Ltda	.BRA	.DS	GTR Brasil Participacoes Ltda	Ownership	100.000	TIAA Board of Overseers	.N	
							Paineira Investimentos Florestais S.A.	.BRA	.DS	GTR Brasil Participacoes Ltda	Ownership	97.000	TIAA Board of Overseers	.N	
				4801915			IPOPEMA 95 Closed Investment Fund of Non-Public Assets	.POL	.DS	Global Timber NL, B.V.	Ownership	100.000	TIAA Board of Overseers	.N	
				4868422			EKO Topola Sp. z.o.o.	.POL	.DS	IPOPEMA 95 Closed Investment Fund of Non-Public Assets	Ownership	100.000	TIAA Board of Overseers	.N	
				4802800			Brunso Resort Sp. z.o.o.	.POL	.DS	IPOPEMA 95 Closed Investment Fund of Non-Public Assets	Ownership	100.000	TIAA Board of Overseers	.N	
			45-3479281	4599306			TIAA Infrastructure Investments, LLC	.DE	.DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			81-5307354	51539833			730 Parking LLC	.DE	.DS	TIAA Infrastructure Investments, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			81-5302296	5157879			Interpark, LLC	.DE	.DS	730 Parking LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				4626109			Aquilla Sonnet LP	.CAN	.DS	TIAA Infrastructure Investments, LLC	Influence		TIAA Board of Overseers	.N	
				4936107			A-30 Canadian Transport Inc.	.CAN	.DS	TIAA Infrastructure Investments, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				4887571			1867 Infrastructure Holdings Inc.	.CAN	.DS	A-30 Canadian Transport Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
				4946843			ACS NA30 Holding Inc.	.CAN	.DS	1867 Infrastructure Holdings Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
				4947327			Iridium Nouvelle Autoroute 30 Inc.	.CAN	.DS	ACS NA30 Holding Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
				4645847			Nouvelle Autoroute 30, s.e.n.c.	.CAN	.DS	Iridium Nouvelle Autoroute 30 Inc.	Ownership	50.000	TIAA Board of Overseers	.N	
			30-0701953	4619530			TORO/EPP II, LLC	.DE	.DS	TIAA Infrastructure Investments, LLC	Influence		TIAA Board of Overseers	.N	
			38-3857916	4602813			I 595 Toll Road, LLC	.DE	.DS	TIAA Infrastructure Investments, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			26-4139252	4643339			I 595 Express, LLC	.DE	.DS	I 595 Toll Road, LLC	Ownership	50.000	TIAA Board of Overseers	.N	
			46-5279686	4810775			North American Sustainable Energy Fund, L.P.	.DE	.DS	TIAA Infrastructure Investments, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				4895660			McCommas Bluff Holdings LLC	.DE	.DS	North American Sustainable Energy Fund, L.P.	Influence		TIAA Board of Overseers	.N	
				4896331			Dallas Clean Energy, LLC	.DE	.DS	McCommas Bluff Holdings LLC	Ownership	51.000	TIAA Board of Overseers	.N	
				4900407			Dallas Clean Energy McCommas Bluff, LLC	.DE	.DS	Dallas Clean Energy, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				4946852			Energy Power Investment Company, LLC	.DE	.DS	North American Sustainable Energy Fund, L.P.	Ownership	90.500	TIAA Board of Overseers	.N	
				4947318			EPP Renewable Energy, LLC	.DE	.DS	Energy Power Investment Company, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							EPP New Jersey Biogas, LLC	.DE	.DS	EPP Renewable Energy, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							EPP New Jersey Solar, LLC	.DE	.DS	EPP Renewable Energy, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-5268451	4810597			North American Sustainable Energy Fund GP, LLC	.DE	.DS	TIAA Infrastructure Investments, LLC	Influence		TIAA Board of Overseers	.N	
			61-1734097	4810551			North American Sustainable Energy Manager, LLC	.DE	.DS	TIAA Infrastructure Investments, LLC	Influence		TIAA Board of Overseers	.N	
			45-2665869	4601115			TIAA Oil and Gas Investments, LLC	.DE	.DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			45-1286237	4602877			Actgas, LLC	.DE	.DS	TIAA Oil and Gas Investments, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-3410649	4602925			Actoil Bakken, LLC	.DE	.DS	TIAA Oil and Gas Investments, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			98-0430762	4651530			Triangle Petroleum Corp	.CO	.DS	Actoil Bakken, LLC	Influence		TIAA Board of Overseers	.N	
			46-3628993	4602934			Actoil Utica, LLC	.DE	.DS	TIAA Oil and Gas Investments, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			26-1698274	4599173			TIAA Park Evanston, LLC	.DE	.DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			11-3519531	4601133			TIAA Realty, LLC	.DE	.DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			81-0902394	4949125			T-C 77 Central LLC	.DE	.DS	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			47-2249307	4763161			T-C 680 Belleville LLC	.DE	.DS	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-2678242	4611721			T-C Port Northwest Development, LLC	.DE	.DS	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			81-3961919	5047626			TGA 70 Federal Street LLC	.DE	.DS	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			82-2885306				TIAA RFS, LLC	.DE	.DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
			82-2335773				TIAA Advisory, LLC	.DE	.DS	TIAA RFS, LLC	Ownership	100.000	TIAA Board of Overseers	.N	

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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)	*
			20-2904312	4314479			TIAA-CREF Insurance Agency, LLC	DE	DS	TIAA RFS, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-2755014	5011346			TIAA SMA Strategies, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			45-3029655	4601197			TIAA-Stonepeak Investments I, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			38-3849546	4603155			Stonepeak Infrastructure Fund LP	DE	DS	TIAA-Stonepeak Investments I, LLC	Influence		TIAA Board of Overseers	N	
			45-3030923	4601245			TIAA-Stonepeak Investments II, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			30-0696099	4643955			Stonepeak GP Holdings LP	DE	DS	TIAA-Stonepeak Investments II, LLC	Ownership	50.000	TIAA Board of Overseers	N	
				4643964			Stonepeak Associates, LLC	DE	DS	Stonepeak GP Holdings LP	Ownership	100.000	TIAA Board of Overseers	N	
			37-1645802	4643919			Stonepeak Advisors Holdings LLC	DE	DS	TIAA-Stonepeak Investments II, LLC	Influence		TIAA Board of Overseers	N	
				4643946			Stonepeak Advisors LLC	DE	DS	Stonepeak Advisors Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
			45-3164600	4601348			TIAA Super Regional Mall Member Sub, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			45-3164764	4644055			T-C Super Regional Mall Venture, LLC	DE	DS	TIAA Super Regional Mall Member Sub, LLC	Ownership	51.000	TIAA Board of Overseers	N	
			46-4623585	4801821	1614181		T-C International Plaza REIT LLC	DE	DS	T-C Super Regional Mall Venture, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-4653326	4801830			T-C International Plaza Investor GP LLC	DE	DS	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	DS	T-C International Plaza REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			38-3173536	2884259			Tampa Westshore Associates Limited Partnership	DE	DS	T-C International Plaza Investor LP LLC	Influence		TIAA Board of Overseers	N	
			46-2713521	4604116	1595474		T-C Las Vegas Retail REIT LLC	DE	DS	T-C Super Regional Mall Venture, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-2726147	4612979			T-C Las Vegas Retail Investor LLC	DE	DS	T-C Las Vegas Retail REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4615617			Grand Canal Shoppes Holdings, LLC	DE	DS	T-C Las Vegas Retail Investor LLC	Influence		TIAA Board of Overseers	N	
			45-3165203	4644064	1544129		T-C Midwest REIT, LLC	DE	DS	T-C Super Regional Mall Venture, LLC	Ownership	99.800	TIAA Board of Overseers	N	
			45-2211957	4644073			T-C Midwest Retail, LLC	DE	DS	T-C Midwest REIT, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4644288			CBL/T-C, LLC	DE	DS	T-C Midwest Retail, LLC	Ownership	50.000	TIAA Board of Overseers	N	
			45-3164998	4644082	1544127		T-C Montgomery Mall REIT, LLC	DE	DS	T-C Super Regional Mall Venture, LLC	Ownership	99.800	TIAA Board of Overseers	N	
			27-4117159	4644091			T-C Montgomery Mall, LLC	DE	DS	T-C Montgomery Mall REIT, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			95-4658637	4644886			Montgomery Mall of Maryland, LLC	MD	DS	T-C Montgomery Mall, LLC	Ownership	50.000	TIAA Board of Overseers	N	
			45-1286386	4601526			TIAA SynGas, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			13-1624203	4741758			730 Catsolar, LLC	DE	DS	TIAA SynGas, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4747835			Catalina Solar Lessee Holdco, LLC	CA	DS	730 Catsolar, LLC	Ownership	50.000	TIAA Board of Overseers	N	
				4749866			Catalina Solar Lessee, LLC	CA	DS	Catalina Solar Lessee Holdco, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			56-2492641	4643900			SG Solutions, LLC	DE	DS	TIAA SynGas, LLC	Influence		TIAA Board of Overseers	N	
			27-0195010	4626088			AE Investor II, LLC	DE	DS	TIAA SynGas, LLC	Ownership	57.000	TIAA Board of Overseers	N	
			45-4486211	4602886			TIAA Wind Investments, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			45-3743502	4626136			Capistrano Wind Partners, LLC	DE	DS	TIAA Wind Investments, LLC	Influence		TIAA Board of Overseers	N	
			20-8384004	4599490			TIAA-CREF LPHC, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			26-3561391	4863539			TCAM DOF GP, LLC	DE	DS	TIAA-CREF LPHC, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1191235	5018671	1611288		TIAA-CREF Real Property Fund GP, LLC	DE	DS	TCAM DOF GP, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			55-0856733	4314349	882928		TIAA-CREF Individual & Institutional Services, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			20-5591124	4314273			TIAA-CREF Redwood, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			20-5631854	4314282			TIAA Endowment & Philanthropic Services, LLC	DE	DS	TIAA-CREF Redwood, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			35-2429521	4612858			CCAP GP, LLC	DE	DS	TIAA Endowment & Philanthropic Services, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			13-4026557	4314116	1627236		TIAA-CREF Tuition Financing, Inc.	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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)	*
			20-8892977	4599810			TIAA Union Place Phase I, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			20-8281443	4640066			Union Place Phase I, LLC	DE	DS	TIAA Union Place Phase I, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4844163			UK PPP Investments, LP	GBR	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4848590			Wigg (Holdings) Limited	GBR	DS	UK PPP Investments, LP	Ownership	100.000	TIAA Board of Overseers	N	
				4848983			Wigg Investments Limited	GBR	DS	Wigg (Holdings) Limited	Ownership	100.000	TIAA Board of Overseers	N	
				4849739			Merseylink (Holdings) Limited	GBR	DS	Wigg Investments Limited	Influence		TIAA Board of Overseers	N	
				4852298			Merseylink (Finance) Limited	GBR	DS	Merseylink (Holdings) Limited	Ownership	100.000	TIAA Board of Overseers	N	
				4860239			Merseylink Limited	GBR	DS	Merseylink (Finance) Limited	Ownership	100.000	TIAA Board of Overseers	N	
				4858638			Merseylink (Issuer) plc	GBR	DS	Merseylink (Finance) Limited	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Cities Retail Fund LP	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Cities Retail Fund REIT LLC	DE	DS	U.S. Cities Retail Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Cities Retail Fund Operating GP LLC	DE	DS	U.S. Cities Retail Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Cities Retail Fund Operating LP	DE	DS	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	DS	U.S. Cities Retail Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	N	
							USCRF KRG JV Investor Member LLC	DE	DS	U.S. Cities Retail Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	N	
							KRG USCRF Retail Portfolio LLC	DE	DS	USCRF KRG JV Investor Member LLC	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Core-Plus Real Estate Debt Fund LP	DE	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
			82-3988257				CRED REIT LLC	DE	DS	U.S. Core+ Real Estate Debt Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
			82-3760575				CRED REIT Holdco LLC	DE	DS	CRED REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-1938723				CRED REIT Holdco Seller LLC	DE	DS	CRED REIT Holdco LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2024014				CRED REIT Holdco TRS LLC	DE	DS	CRED REIT Holdco LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-1392434				CRED Sawtelle LLC	DE	DS	CRED REIT Holdco LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2267896				CRED Slabtown LLC	DE	DS	CRED REIT Holdco LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-3184068												
			51-0141732	4599829			WRC Properties, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4630601			Stichting Bewaarder Ziemia Fund	NLD	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	

Asterisk	Explanation
0100	AGR Services LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by AGR Partners LLC and 1% owned by Nuveen Alternative Holdings, LLC.
0200	Greenwood Resources Brasil, Ltda. is ultimately controlled and owned entirely by TIAA, with 99% owned by GWR Property Management International, 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	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.
1100	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.
1200	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.
1300	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.
1400	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.
1500	Symphony Asset Management, LLC is ultimately controlled and owned entirely by TIAA, with 51% owned by Nuveen Investments, Inc. and 49% owned by Nuveen Investments Holdings, Inc.
1600	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%.

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

Asterisk	Explanation
1700	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.
1800	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.
1900	Mansilla Participacoes LTDA is ultimately controlled and owned entirely by TIAA, which directly owns 99.99%. Demeter Agricultural Properties, LLC, which is owned 100% by TIAA, owns 0.01%.
2000	Global Real Estate Debt Partners Fund I (UK) is controlled by TIAA, which owns 36.3%. T-C Lux Investments Special Limited Partnership, which is 100% owned by TIAA, owns 24.3%.
2100	Cityhold Nympe S.à r.l. (Nympe) is ultimately controlled by TIAA via a 50% ownership of Cityhold Office Partnership S.à r.l., which owns 88% of Nympe, and 6% owned by wholly-owned ND Europe Office Holding S.à r.l.
2200	Cityhold Euro S.à r.l. (CES) is ultimately controlled by TIAA via a 50% ownership of Cityhold Propco 9 S.à r.l., which owns 88% of CES, and 6% owned by wholly-owned ND Europe Office Holding S.à r.l.
2300	SNC Roosevelt is ultimately controlled by TIAA via a 50% 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%).
2400	London Belgrave Unit Trust (LBUT) is ultimately controlled by TIAA via a 50% 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%).
2500	New Fetter Lane Unit Trust (NFLUT) is ultimately controlled by TIAA via a 50% 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%).
2600	60 Great Portland Street Unit Trust (60GPS) is ultimately controlled by TIAA via a 50% 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%).
2700	70 St. Mary Axe Unit Trust (SMAUT) is ultimately controlled by TIAA via a 50% 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%).
2800	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%.
2900	Erlangen Arcaden GmbH & Co. KG is controlled by TIAA, and partially owned by TIAA Lux 5 S.à r.l., which owns 94.9% and Erlangen Arcaden Verwaltungs GmbH which owns 5.1%.
3000	U.S. Cities Fund, LP is controlled by TIAA, and partially owned indirectly by ND Properties, Inc., which owns 37.37%, and U.S. Cities Fund GP, LLC, which owns less than .01%.
3100	1608 Chestnut Partners LP is ultimately controlled by TIAA, with 99% owned by T-C 1608 Chestnut Limited Partner LLC and 1% owned by T-C 1608 Chestnut General Partner LLC.
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	CPPIB-TIAA US Real Property Fund LP is controlled by TIAA, which owns 50%. T-C SMA I, LLC, which is 100% owned by TIAA, is the General Partner and owns 1%.
3600	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.
3700	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%.
3800	Asia Pacific Cities Fund, FCP is owned 38.6% by TGA APAC Fund Holdings, LLC and 38.6% by TGA Real Estate Fund Holdings, LLC
3900	TGA Ginza115 TMK is ultimately controlled and owned entirely by TIAA, with 51% owned by TGA Japan GK Holdings Pte Ltd and 49% of owned by TGA Ginza 115 Holdings Pte Ltd.
4000	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.
4100	Tellus Brasil Participaco S.A. is owned 48.9% by Terraviva Brasil Participaco Ltda. and 0.47% by Nova Gaia Brasil Participaco Ltda.
4200	Terraviva Brasil Participaco Ltda. is owned 99.99% by Nova Gaia Brasil Participaco Ltda. and 0.01% by TIAA-CREF Global Agriculture BR, LLC.
4300	Janus Brasil Participacoes, S.A. is owned 48.9% by Iris Brasil Participaco Ltda. and 0.47% by Helios Brasil Participacoes, Ltda.
4400	Brasilwood Reflorestamento S.A. is owned 75% by GTR Brasil Participacoes Ltda and 25% by GAPK Investimentos Ltda.

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA
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.

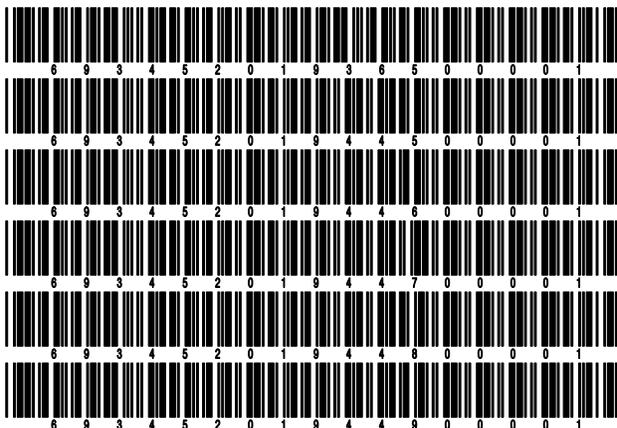
	Response
1. Will the Trusteed Surplus Statement be filed with the state of domicile and the NAIC with this statement?	SEE EXPLANATION
2. Will the Medicare Part D Coverage Supplement be filed with the state of domicile and the NAIC with this statement?	NO
3. Will the Reasonableness of Assumptions Certification 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]



STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA
OVERFLOW PAGE FOR WRITE-INS

Additional Write-ins for Liabilities Line 25

	1 Current Statement Date	2 December 31 Prior Year
2504. Post retirement benefit obligation liability	(54,958,877)	(55,730,419)
2597. Summary of remaining write-ins for Line 25 from overflow page	(54,958,877)	(55,730,419)

Additional Write-ins for Summary of Operations Line 8.3

	1 Current Year To Date	2 Prior Year To Date	3 Prior Year Ended December 31
08.304. Policyholder reinvestment of annuity benefits	21,526,899	21,406,089	79,268,296
08.397. Summary of remaining write-ins for Line 8.3 from overflow page	21,526,899	21,406,089	79,268,296

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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	2,151,883,008	2,078,326,041
2. Cost of acquired:		
2.1 Actual cost at time of acquisition	75,150,000	264,784,998
2.2 Additional investment made after acquisition	4,968,401	17,615,949
3. Current year change in encumbrances		(39,039,300)
4. Total gain (loss) on disposals		22,286,635
5. Deduct amounts received on disposals		136,358,643
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	15,956,198	55,732,672
9. Book/adjusted carrying value at the end of current period (Lines 1+2+3+4-5+6-7-8)	2,216,045,211	2,151,883,008
10. Deduct total nonadmitted amounts		
11. Statement value at end of current period (Line 9 minus Line 10)	2,216,045,211	2,151,883,008

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	29,958,575,697	26,602,236,111
2. Cost of acquired:		
2.1 Actual cost at time of acquisition	1,802,741,537	6,173,633,984
2.2 Additional investment made after acquisition	11,714,334	328,078,284
3. Capitalized deferred interest and other	138,269	2,778,231
4. Accrual of discount	648,469	765,625
5. Unrealized valuation increase (decrease)		
6. Total gain (loss) on disposals		(10,216,804)
7. Deduct amounts received on disposals	430,460,340	2,871,425,955
8. Deduct amortization of premium and mortgage interest points and commitment fees	773,472	3,583,593
9. Total foreign exchange change in book value/recorded investment excluding accrued interest	63,250,170	(208,592,918)
10. Deduct current year's other than temporary impairment recognized		55,097,268
11. Book value/recorded investment excluding accrued interest at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)	31,405,834,663	29,958,575,697
12. Total valuation allowance		
13. Subtotal (Line 11 plus Line 12)	31,405,834,663	29,958,575,697
14. Deduct total nonadmitted amounts		
15. Statement value at end of current period (Line 13 minus Line 14)	31,405,834,663	29,958,575,697

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	30,440,283,015	29,910,137,558
2. Cost of acquired:		
2.1 Actual cost at time of acquisition	76,913,912	891,046,244
2.2 Additional investment made after acquisition	348,613,699	3,703,151,308
3. Capitalized deferred interest and other		
4. Accrual of discount	5,621	21,634
5. Unrealized valuation increase (decrease)	68,813,538	(593,744,345)
6. Total gain (loss) on disposals	(1,049,382)	13,430,882
7. Deduct amounts received on disposals	365,222,079	2,679,658,928
8. Deduct amortization of premium and depreciation	39,255	151,993
9. Total foreign exchange change in book/adjusted carrying value	(10,090,306)	(142,759,866)
10. Deduct current year's other than temporary impairment recognized	48,164,245	661,189,479
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)	30,510,064,518	30,440,283,015
12. Deduct total nonadmitted amounts	110,003,677	123,594,203
13. Statement value at end of current period (Line 11 minus Line 12)	30,400,060,841	30,316,688,812

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	193,512,945,771	190,925,380,722
2. Cost of bonds and stocks acquired	5,580,486,413	24,859,902,461
3. Accrual of discount	74,578,406	385,599,156
4. Unrealized valuation increase (decrease)	141,099,700	124,170,924
5. Total gain (loss) on disposals	23,499,545	428,743,920
6. Deduct consideration for bonds and stocks disposed of	4,414,928,950	22,720,884,302
7. Deduct amortization of premium	44,054,098	181,618,163
8. Total foreign exchange change in book/adjusted carrying value	3,106,672	(193,717,850)
9. Deduct current year's other than temporary impairment recognized	121,870,811	197,874,013
10. Total investment income recognized as a result of prepayment penalties and/or acceleration fees	3,953,910	83,242,916
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10)	194,758,816,558	193,512,945,771
12. Deduct total nonadmitted amounts	50,879,033	43,519,351
13. Statement value at end of current period (Line 11 minus Line 12)	194,707,937,525	193,469,426,420

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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)	118,674,580,898	6,773,318,330	6,942,851,809	622,332,630	119,127,380,049			118,674,580,898
2. NAIC 2 (a)	50,376,158,138	2,378,991,624	1,487,317,632	(62,687,237)	51,205,144,893			50,376,158,138
3. NAIC 3 (a)	9,847,044,912	114,694,125	249,026,475	(211,669,531)	9,501,043,031			9,847,044,912
4. NAIC 4 (a)	6,308,890,542	335,425,713	268,872,227	(323,019,400)	6,052,424,628			6,308,890,542
5. NAIC 5 (a)	2,152,265,611	138,248,393	124,040,873	(124,429,449)	2,042,043,682			2,152,265,611
6. NAIC 6 (a)	472,576,739	11,216,921	15,018,702	165,627,143	634,402,101			472,576,739
7. Total Bonds	187,831,516,840	9,751,895,106	9,087,127,718	66,154,156	188,562,438,384			187,831,516,840
PREFERRED STOCK								
8. NAIC 1	29,000,000				29,000,000			29,000,000
9. NAIC 2	14,770,393				14,770,393			14,770,393
10. NAIC 3								
11. NAIC 4	61,250,000	20,526,316		(6)	81,776,310			61,250,000
12. NAIC 5	68,166,117	6,636,495		(170,732)	74,631,880			68,166,117
13. NAIC 6	71,874,563				71,874,563			71,874,563
14. Total Preferred Stock	245,061,072	27,162,811		(170,738)	272,053,145			245,061,072
15. Total Bonds and Preferred Stock	188,076,577,912	9,779,057,917	9,087,127,718	65,983,418	188,834,491,529			188,076,577,912

(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 \$ 13,500,000 ; NAIC 2 \$; NAIC 3 \$; NAIC 4 \$; NAIC 5 \$; NAIC 6 \$

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SCHEDULE DA - PART 1

Short-Term Investments

	1 Book/Adjusted Carrying Value	2 Premium Value	3 Cost	4 Interest Collected Year-to-Date	5 Paid for Accrued Interest Year-to-Date
9199999 Totals					

NONE

SCHEDULE DA - VERIFICATION

Short-Term Investments

	1 Year To Date	2 Prior Year Ended December 31
1. Book/adjusted carrying value, December 31 of prior year		42,804,493
2. Cost of short-term investments acquired		
3. Accrual of discount		
4. Unrealized valuation increase (decrease)		
5. Total gain (loss) on disposals		1,948,375
6. Deduct consideration received on disposals		44,578,943
7. Deduct amortization of premium		12,012
8. Total foreign exchange change in book/adjusted carrying value		(161,913)
9. Deduct current year's other than temporary impairment recognized		
10. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9)		
11. Deduct total nonadmitted amounts		
12. Statement value at end of current period (Line 10 minus Line 11)		

SCHEDULE DB - PART A - VERIFICATION

Options, Caps, Floors, Collars, Swaps and Forwards

1.	Book/Adjusted Carrying Value, December 31, prior year (Line 9, prior year)	803,408,059
2.	Cost Paid/(Consideration Received) on additions	(3,698)
3.	Unrealized Valuation increase/(decrease)	(3,957,162)
4.	Total gain (loss) on termination recognized	14,358,689
5.	Considerations received/(paid) on terminations	14,208,082
6.	Amortization	(33,391,684)
7.	Adjustment to the Book/Adjusted Carrying Value of hedged item	
8.	Total foreign exchange change in Book/Adjusted Carrying Value	(57,002,584)
9.	Book/Adjusted Carrying Value at End of Current Period (Lines 1+2+3+4-5+6+7+8)	709,203,538
10.	Deduct nonadmitted assets	
11.	Statement value at end of current period (Line 9 minus Line 10)	709,203,538

SCHEDULE DB - PART B - VERIFICATION

Futures Contracts

1.	Book/Adjusted carrying value, December 31 of prior year (Line 6, prior year).....	
2.	Cumulative cash change (Section 1, Broker Name/Net Cash Deposits Footnote - Cumulative Cash Change column)	
3.1	Add:	
	Change in variation margin on open contracts - Highly Effective Hedges	
	3.11 Section 1, Column 15, current year to date minus	
	3.12 Section 1, Column 15, prior year	
	Change in variation margin on open contracts - All Other	
	3.13 Section 1, Column 18, current year to date minus	
	3.14 Section 1, Column 18, prior year	
3.2	Add:	
	Change in adjustment to basis of hedged item	
	3.21 Section 1, Column 17, current year to date minus	
	3.22 Section 1, Column 17, prior year	
	Change in amount recognized	
	3.23 Section 1, Column 19, current year to date minus	
	3.24 Section 1, Column 19, prior year	
3.3	Subtotal (Line 3.1 minus Line 3.2)	
4.1	Cumulative variation margin on terminated contracts during the year	
4.2	Less:	
	4.21 Amount used to adjust basis of hedged item	
	4.22 Amount recognized	
4.3	Subtotal (Line 4.1 minus Line 4.2)	
5.	Dispositions gains (losses) on contracts terminated in prior year:	
	5.1 Total gain (loss) recognized for terminations in prior year	
	5.2 Total gain (loss) adjusted into the hedged item(s) for terminations in prior year	
6.	Book/Adjusted carrying value at end of current period (Lines 1+2+3.3-4.3-5.1-5.2)	
7.	Deduct total nonadmitted amounts	
8.	Statement value at end of current period (Line 6 minus Line 7)	

NONE

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE DB - PART C - SECTION 1

Replication (Synthetic Asset) Transactions Open as of Current Statement Date

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
1 Number	2 Description	3 NAIC Designation or Other Description	4 Notional Amount	5 Book/Adjusted Carrying Value	6 Fair Value	7 Effective Date	8 Maturity Date	Derivative Instrument(s) Open			Cash Instrument(s) Held				
								9 Description	10 Book/Adjusted Carrying Value	11 Fair Value	12 CUSIP	13 Description	14 NAIC Designation or Other Description	15 Book/Adjusted Carrying Value	16 Fair Value
12518*N30	CDX.NA.HY31 SR. TRANCHE	1	49,008,654	33,593,374	36,639,039	11/29/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	8,859,322	9,587,420	38376E-TZ-8	GNR 2009-110 KA PAC-1-11 5% due 11/20/2039	1	24,734,052	27,051,619
12518*N30	CDX.NA.HY31 SR. TRANCHE	1		25,352,137	25,950,136						38374Y-WK-5	GNR 2010-85 NE EXCH PAC-1-11 4.5% due 07/20/2040	1	25,352,137	25,950,136
91283#AD5	10YR U.S. TREASURY NOTE	1	10,000,000	10,069,369	9,309,385	07/15/2016	07/15/2026	CREDIT DEFAULT SWAP ON 10YR U.S. TREASURY NOTE, REC. 0.125% FIXED RATE	(475,657)		912828-S5-0	TSY INFL IX N/B United States Treasury In .125 0.125% due 07/15/2026	1	10,069,369	9,785,042
999999999 - Totals				9,426,953,446	10,131,656,246	XXX	XXX	XXX	451,850,719	538,982,541	XXX	XXX	XXX	8,975,102,727	9,592,673,705

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SCHEDULE DB - PART C - SECTION 2

Replication (Synthetic Asset) Transactions Open

	First Quarter		Second Quarter		Third Quarter		Fourth Quarter		Year To Date	
	1 Number of Positions	2 Total Replication (Synthetic Asset) Transactions Statement Value	3 Number of Positions	4 Total Replication (Synthetic Asset) Transactions Statement Value	5 Number of Positions	6 Total Replication (Synthetic Asset) Transactions Statement Value	7 Number of Positions	8 Total Replication (Synthetic Asset) Transactions Statement Value	9 Number of Positions	10 Total Replication (Synthetic Asset) Transactions Statement Value
1. Beginning Inventory	188	9,165,432,645							188	9,165,432,645
2. Add: Opened or Acquired Transactions.....										
3. Add: Increases in Replication (Synthetic Asset) Transactions Statement Value.....	XXX	267,325,176	XXX		XXX		XXX		XXX	267,325,176
4. Less: Closed or Disposed of Transactions.....	1	5,804,375							1	5,804,375
5. Less: Positions Disposed of for Failing Effectiveness Criteria.....										
6. Less: Decreases in Replication (Synthetic Asset) Transactions Statement Value.....	XXX		XXX		XXX		XXX		XXX	
7. Ending Inventory	187	9,426,953,446							187	9,426,953,446

SCHEDULE DB - VERIFICATION

Verification of Book/Adjusted Carrying Value, Fair Value and Potential Exposure of all Open Derivative Contracts

	Book/Adjusted Carrying Value Check
1. Part A, Section 1, Column 14.....	709,203,538
2. Part B, Section 1, Column 15 plus Part B, Section 1 Footnote - Total Ending Cash Balance.....	.....
3. Total (Line 1 plus Line 2).....	709,203,538
4. Part D, Section 1, Column 5.....	858,675,938
5. Part D, Section 1, Column 6.....	(149,472,400)
6. Total (Line 3 minus Line 4 minus Line 5).....	.....
	Fair Value Check
7. Part A, Section 1, Column 16.....	775,232,682
8. Part B, Section 1, Column 13.....	.....
9. Total (Line 7 plus Line 8).....	775,232,682
10. Part D, Section 1, Column 8.....	956,950,553
11. Part D, Section 1, Column 9.....	(181,717,871)
12. Total (Line 9 minus Line 10 minus Line 11).....	.....
	Potential Exposure Check
13. Part A, Section 1, Column 21.....	8,882,037,015
14. Part B, Section 1, Column 20.....	.....
15. Part D, Section 1, Column 11.....	8,882,037,015
16. Total (Line 13 plus Line 14 minus Line 15).....	.....

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	480,413,504	316,991,099
2. Cost of cash equivalents acquired	4,576,570,597	35,531,452,968
3. Accrual of discount	880,944	7,207,478
4. Unrealized valuation increase (decrease)		
5. Total gain (loss) on disposals	283	(2,050)
6. Deduct consideration received on disposals	5,044,365,328	35,375,235,991
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)	13,500,000	480,413,504
11. Deduct total nonadmitted amounts		
12. Statement value at end of current period (Line 10 minus Line 11)	13,500,000	480,413,504

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE A - PART 2

Showing All Real Estate ACQUIRED AND ADDITIONS MADE During the Current Quarter

1 Description of Property	Location		4 Date Acquired	5 Name of Vendor	6 Actual Cost at Time of Acquisition	7 Amount of Encumbrances	8 Book/Adjusted Carrying Value Less Encumbrances	9 Additional Investment Made After Acquisition
	2 City	3 State						
One Brickell Square	Miami	FL	08/28/2002	Various				1,468,826
Kent Valley Industrial	Renton	WA	12/30/2002	Various				(51,074)
Houston Industrial Group I	Houston	TX	12/31/2002	Various				22,641
Port Northwest Phase IV and V	Houston	TX	12/31/2002	Various				44,311
Emerald Corporate Park	Auburn	WA	08/23/2005	Various				28,843
Westlake Tower	Seattle	WA	08/17/2011	Various				303,958
North Orange County Industrial Portfolio	Brea	CA	11/15/2012	Various				189,008
Empire Landing	Burbank	CA	04/30/2013	Various				121,288
Cyan PDX	Portland	OR	05/21/2013	Various				(11,411)
Hillwood Forward - Redlands	Redlands	CA	06/15/2016	Various				315,676
Franklin 299	Redwood City	CA	06/03/2016	Various				87,174
600-650 College Road	Princeton	NJ	11/03/2016	Various				(35,204)
Sole at Casselberry	Orlando	FL	05/03/2018	Various				7,320
Alta Yorktown Apartments	Dallas	TX	07/25/2018	Various				39,727
Oak View Mall	Omaha	NE	11/01/2018	Various				31,566
Sandy Commerce Park	Sandy	UT	01/23/2019	Boyer 9400 South, L.C.	31,250,000			392,756
3401 North Ashton Blvd	Lehi	UT	01/24/2019	Gardner Thanksgiving Point, L.C. (91%) & WTP LLC (9%)	41,750,000			174,667
Pleasant Prairie Center	Pleasant Prairie	WI	03/20/2019	Key Control Holding, Inc., a Delaware Corporation	2,150,000			265,152
730 Third Avenue	New York	NY	01/01/1973	Various				1,573,178
0199999. Acquired by Purchase					75,150,000			4,968,402
0399999 - Totals					75,150,000			4,968,402

SCHEDULE A - PART 3

Showing All Real Estate DISPOSED During the Quarter, Including Payments During the Final Year on "Sales Under Contract"

1 Description of Property	Location		4 Disposal Date	5 Name of Purchaser	6 Actual Cost	7 Expended for Additions, Permanent Improvements and Changes in Encumbrances	8 Book/Adjusted Carrying Value Less Encumbrances Prior Year	Change in Book/Adjusted Carrying Value Less Encumbrances					14 Book/Adjusted Carrying Value Less Encumbrances on Disposal	15 Amounts Received During Year	16 Foreign Exchange Gain (Loss) on Disposal	17 Realized Gain (Loss) on Disposal	18 Total Gain (Loss) on Disposal	19 Gross Income Earned Less Interest Incurred on Encumbrances	20 Taxes, Repairs and Expenses Incurred
	2 City	3 State						9 Current Year's Depreciation	10 Current Year's Other Than Temporary Impairment Recognized	11 Current Year's Change in Encumbrances	12 Total Change in Book/Adjusted Carrying Value (11-9-10)	13 Total Foreign Exchange Change in Book/Adjusted Carrying Value							
NONE																			
0399999 - Totals																			

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE B - PART 3

Showing All Mortgage Loans DISPOSED, Transferred or Repaid During the Current Quarter

Table with columns: Loan Number, Location (City, State), Loan Type, Date Acquired, Disposal Date, Book Value/Recorded Investment Excluding Accrued Interest Prior Year, Change in Book Value/Recorded Investment (Unrealized Valuation Increase/Decrease, Current Year's Amortization/Accretion, Current Year's Other Than Temporary Impairment Recognized, Capitalized Deferred Interest and Other, Total Change in Book Value, Total Foreign Exchange Change in Book Value), Book Value/Recorded Investment Excluding Accrued Interest on Disposal, Consideration, Foreign Exchange Gain (Loss) on Disposal, Realized Gain (Loss) on Disposal, Total Gain (Loss) on Disposal.

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE B - PART 3

Showing All Mortgage Loans DISPOSED, Transferred or Repaid During the Current Quarter

1 Loan Number	2 Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/Recorded Investment Excluding Accrued Interest Prior Year	8 Change in Book Value/Recorded Investment					14 Book Value/Recorded Investment Excluding Accrued Interest on Disposal	15 Consid-eration	16 Foreign Exchange Gain (Loss) on Disposal	17 Realized Gain (Loss) on Disposal	18 Total Gain (Loss) on Disposal
	2 City	3 State					8 Unrealized Valuation Increase (Decrease)	9 Current Year's (Amortization) /Accretion	10 Current Year's Other Than Temporary Impairment Recognized	11 Capitalized Deferred Interest and Other	12 Total Change in Book Value (8+9-10+11)						13 Total Foreign Exchange Change in Book Value
EB1564000620	FORT COLLINS	CO.		08/07/2015		823,347						4,453	4,453			
EB1564000716	FRASER	CO.		12/18/2015		361,211						3,440	3,440			
EB1564000966	DENVER	CO.		08/19/2016		526,197						17,778	17,778			
EB1564000993	DENVER	CO.		08/19/2016		498,862						2,775	2,775			
EB1564001009	DENVER	CO.		08/17/2016		471,416						2,366	2,366			
EB1564001065	DENVER	CO.		12/16/2016		632,221						3,495	3,495			
EB1564001079	NIWOT	CO.		10/07/2016		495,295						2,639	2,639			
EB1564001105	DENVER	CO.		12/16/2016		575,982						3,415	3,415			
EB1564001132	DENVER	CO.		12/16/2016		612,425						4,706	4,706			
EB1564001134	DENVER	CO.		12/16/2016		772,988						4,226	4,226			
EB1564001170	ERIE	CO.		12/16/2016		469,389						2,687	2,687			
EB1567001498	BOULDER	CO.		07/17/2015		579,600						3,567	3,567			
EB1567001513	CARLSBAD	CA.		08/07/2015		708,142						5,186	5,186			
EB1567001606	MANHATTAN BEACH	CA.		03/24/2016		613,120						3,152	3,152			
EB1567001695	CASTLE ROCK	CO.		06/24/2016		596,631						3,150	3,150			
EB1567001956	LOS ANGELES	CA.		12/16/2016		840,792						4,423	4,423			
EB1567001968	FORT COLLINS	CO.		12/16/2016		589,902						3,321	3,321			
EB1567002016	HERMOSA BEACH	CA.		12/16/2016		1,303,437						6,962	6,962			
EB1596048348	MOORESVILLE	NC.		12/18/2015		575,262						3,026	3,026			
EB1596048401	YORBA LINDA	CA.		12/18/2015		788,938						4,252	4,252			
EB1596048570	SEDONA	AZ.		09/18/2015		694,735						3,529	3,529			
EB1596048655	CENTERTON	AR.		12/18/2015		438,462						2,396	2,396			
EB1596048737	DELRAY BEACH	FL.		12/18/2015		1,267,104						6,382	6,382			
EB1596048822	CARLSBAD	CA.		12/18/2015		548,980						3,095	3,095			
EB1596048875	LOS ANGELES	CA.		12/18/2015		615,760						2,185	2,185			
EB1596048934	CHINO HILLS	CA.		12/18/2015		499,263						2,648	2,648			
EB1596049199	BELMONT	CA.		03/24/2016		450,591						2,335	2,335			
EB1596049353	TAHOE CITY	CA.		06/24/2016		487,145						2,475	2,475			
EB1596049507	BEVERLY HILLS	CA.		06/24/2016		637,483						4,767	4,767			
EB1596050604	SAN RAMON	CA.		10/09/2015		1,273,704						7,149	7,149			
EB1596050641	NEWPORT BEACH	CA.		09/25/2015		949,861						4,829	4,829			
EB1596050691	LAKE ARROWHEAD	CA.		06/24/2016		673,136						3,589	3,589			
EB1596050790	PACIFICA	CA.		09/25/2015		1,012,079						5,046	5,046			
EB1596050800	SHERMAN OAKS	CA.		10/09/2015		1,140,154						6,173	6,173			
EB1596050829	FOLSOM	CA.		09/25/2015		469,195						2,646	2,646			
EB1596050926	LA CANADA FLINTRIDGE	CA.		10/09/2015		1,314,661						7,089	7,089			
EB1596050928	ARROYO GRANDE	CA.		10/12/2016		605,926						3,157	3,157			
EB1596050959	COSTA MESA	CA.		10/09/2015		725,547						3,830	3,830			
EB1596050979	PARKTON	MD.		10/09/2015		390,216						7,076	7,076			
EB1596050986	LOS ANGELES	CA.		09/25/2015		714,432						4,195	4,195			
EB1596051054	SAN CLEMENTE	CA.		10/09/2015		978,485						5,409	5,409			
EB1596051083	REDWOOD CITY	CA.		09/25/2015		746,335						4,036	4,036			
EB1596051099	COLORADO SPRINGS	CO.		08/07/2015		771,965						10,020	10,020			
EB1596051104	MORAGA	CA.		10/12/2016		1,023,727						15,008	15,008			
EB1596051112	SAN DIEGO	CA.		11/20/2015		887,612						4,772	4,772			
EB1596051124	ARROYO GRANDE	CA.		08/07/2015		484,905						2,552	2,552			
EB1596051169	TEMECULA	CA.		10/09/2015		644,238						3,671	3,671			
EB1596051186	CALABASAS	CA.		10/09/2015		801,831						4,511	4,511			
EB1596051197	DALLAS	TX.		10/09/2015		1,677,828						8,858	8,858			
EB1596051201	TOLUCA LAKE	CA.		11/20/2015		892,783						4,885	4,885			
EB1596051241	COTO DE CEZA	CA.		10/09/2015		1,049,953						5,554	5,554			
EB1596051269	STUDIO CITY	CA.		08/07/2015		663,716						2,340	2,340			
EB1596051303	LONG BEACH	CA.		08/07/2015		515,814						2,719	2,719			
EB1596051318	LOS ANGELES	CA.		11/20/2015		790,753						7,776	7,776			
EB1596051339	CAVE CREEK	AZ.		11/20/2015		597,808						2,318	2,318			
EB1596051360	PEORIA	AZ.		08/07/2015		515,290						2,543	2,543			
EB1596051434	HALEIWA	HI.		08/07/2015		808,329						4,275	4,275			
EB1596051448	CAMARILLO	CA.		09/25/2015		693,008						3,935	3,935			
EB1596051469	SOUTHLAKE	TX.		08/07/2015		644,764						6,172	6,172			
EB1596051479	THOUSAND OAKS	CA.		10/12/2016		910,180						5,346	5,346			

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1 Loan Number	2 Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/Recorded Investment Excluding Accrued Interest Prior Year	8 Change in Book Value/Recorded Investment					14 Book Value/Recorded Investment Excluding Accrued Interest on Disposal	15 Consid-eration	16 Foreign Exchange Gain (Loss) on Disposal	17 Realized Gain (Loss) on Disposal	18 Total Gain (Loss) on Disposal
	2 City	3 State					8 Unrealized Valuation Increase (Decrease)	9 Current Year's (Amortization) /Accretion	10 Current Year's Other Than Temporary Impairment Recognized	11 Capitalized Deferred Interest and Other	12 Total Change in Book Value (8+9-10+11)						13 Total Foreign Exchange Change in Book Value
EB1596051542	GOLDEN	CO.		10/09/2015		540,735						2,667	2,667			
EB1596051551	SNOQUALMIE	WA.		12/18/2015		532,045						2,775	2,775			
EB1596051556	GIG HARBOR	WA.		10/09/2015		949,404						4,880	4,880			
EB1596051712	LONE TREE	CO.		06/24/2016		668,568						5,263	5,263			
EB1596051732	DENVER	CO.		12/18/2015		550,612						2,648	2,648			
EB1596051852	DENVER	CO.		12/18/2015		575,711						2,794	2,794			
EB1596051978	SEATTLE	WA.		12/18/2015		628,301						4,127	4,127			
EB1596052025	SCOTTSDALE	AZ.		12/18/2015		689,345						3,463	3,463			
EB1596052367	SEATTLE	WA.		12/18/2015		594,405						2,986	2,986			
EB1596052570	PHOENIX	AZ.		12/18/2015		401,194						37,705	37,705			
EB1596052680	EL DORADO HILLS	CA.		10/12/2016		500,312						9,806	9,806			
EB1596052803	UNION CITY	CA.		10/12/2016		967,173						4,876	4,876			
EB1596052956	NAPLES	FL.		06/24/2016		472,395						2,747	2,747			
EB1596053002	HAWTHORN WOODS	IL.		10/12/2016		403,278						2,203	2,203			
EB1596053005	CORONA	CA.		06/24/2016		659,794						3,170	3,170			
EB1596053030	APTOS	CA.		06/24/2016		1,461,318						6,583	6,583			
EB1596053037	SAN CLEMENTE	CA.		06/24/2016		1,516,089						29,797	29,797			
EB1596053057	GILROY	CA.		06/24/2016		522,617						2,451	2,451			
EB1596053060	LOS ANGELES	CA.		06/24/2016		1,144,709						5,879	5,879			
EB1596053071	LAKEWOOD	CO.		10/07/2016		524,034						3,902	3,902			
EB1596053095	SAN JOSE	CA.		06/24/2016		698,654						3,356	3,356			
EB1596053207	PALM BEACH	FL.		08/19/2016		539,978						5,047	5,047			
EB1596053210	CAREFREE	AZ.		06/24/2016		638,298						3,098	3,098			
EB1596053229	LONE TREE	CO.		08/19/2016		539,388						2,762	2,762			
EB1596053279	MURRIETA	CA.		10/12/2016		442,746						3,078	3,078			
EB1596053283	MALIBU	CA.		10/12/2016		1,438,781						7,489	7,489			
EB1596053309	KEY WEST	FL.		08/19/2016		505,918						2,347	2,347			
EB1596053325	CANYON COUNTRY	CA.		08/17/2016		512,880						2,468	2,468			
EB1596053332	LADERA RANCH	CA.		10/12/2016		1,286,232						6,496	6,496			
EB1596053333	FLAGSTAFF	AZ.		08/19/2016		471,850						2,348	2,348			
EB1596053359	PARADISE VALLEY	AZ.		12/16/2016		597,074						2,836	2,836			
EB1596053361	COLORADO SPRINGS	CO.		08/19/2016		449,614						2,181	2,181			
EB1596053366	ALTADENA	CA.		08/17/2016		880,630						10,238	10,238			
EB1596053368	LOS ANGELES	CA.		10/12/2016		972,649						3,370	3,370			
EB1596053369	WHEAT RIDGE	CO.		08/19/2016		508,761						2,576	2,576			
EB1596053381	AURORA	CO.		08/19/2016		574,009						2,968	2,968			
EB1596053387	DAVIS	CA.		10/12/2016		531,907						2,686	2,686			
EB1596053388	MIDWAY	UT.		08/19/2016		468,993						2,394	2,394			
EB1596053391	BLIFFDALE	UT.		08/17/2016		429,114						2,181	2,181			
EB1596053398	RANCHO PALOS VERDES	CA.		08/17/2016		1,153,071						5,988	5,988			
EB1596053407	SANTA MONICA	CA.		08/17/2016		1,160,893						3,805	3,805			
EB1596053408	VALENCIA	CA.		08/17/2016		957,392						4,989	4,989			
EB1596053412	FORT LAUDERDALE	FL.		08/17/2016		564,006						2,986	2,986			
EB1596053414	WESTMINSTER	CO.		08/19/2016		545,203						2,764	2,764			
EB1596053421	REDWOOD CITY	CA.		08/17/2016		757,932						3,823	3,823			
EB1596053430	ENGLEWOOD	CO.		08/19/2016		607,997						3,083	3,083			
EB1596053434	SANTA BARBARA	CA.		10/12/2016		983,529						5,168	5,168			
EB1596053446	LONE TREE	CO.		08/19/2016		542,341						2,764	2,764			
EB1596053476	TUSTIN	CA.		08/17/2016		687,211						3,297	3,297			
EB1596053482	AQUA DULCE	CA.		08/17/2016		756,941						4,029	4,029			
EB1596053487	HUNTINGTON BEACH	CA.		10/12/2016		674,568						3,459	3,459			
EB1596053493	LOS ANGELES	CA.		08/17/2016		705,184						3,539	3,539			
EB1596053495	SAN CLEMENTE	CA.		08/17/2016		788,843						3,549	3,549			
EB1596053496	AGUA DULCE AREA	CA.		12/16/2016		701,844						3,679	3,679			
EB1596053498	LOS ANGELES	CA.		08/17/2016		922,249						4,766	4,766			
EB1596053514	CARMEL	CA.		08/17/2016		521,988						2,751	2,751			
EB1596053515	THOUSAND OAKS	CA.		08/17/2016		1,261,828						5,967	5,967			
EB1596053516	SANTA FE	NM.		08/17/2016		595,534						5,812	5,812			
EB1596053538	MISSION VIEJO	CA.		08/17/2016		1,047,591						5,258	5,258			
EB1596053546	CORONA DEL MAR	CA.		08/17/2016		959,078						4,837	4,837			

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1 Loan Number	2 Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/ Recorded Investment Excluding Accrued Interest Prior Year	8 Change in Book Value/Recorded Investment					13 Total Foreign Exchange Change in Book Value	14 Book Value/ Recorded Investment Excluding Accrued Interest on Disposal	15 Consid- eration	16 Foreign Exchange Gain (Loss) on Disposal	17 Realized Gain (Loss) on Disposal	18 Total Gain (Loss) on Disposal
	2 City	3 State					8 Unrealized Valuation Increase (Decrease)	9 Current Year's (Amortization) /Accretion	10 Current Year's Other Than Temporary Impairment Recognized	11 Capitalized Deferred Interest and Other	12 Total Change in Book Value (8+9-10+11)						
EB1596053586	BA/NBRI DGE ISLAND	WA		12/16/2016		564,065							2,680	2,680			
EB1596053604	ALEXANDRIA	VA		12/16/2016		678,165							3,619	3,619			
EB1596053616	PASADENA	CA		12/16/2016		695,165							6,250	6,250			
EB1596053717	NEWPORT BEACH	CA		12/16/2016		956,718							4,696	4,696			
EB1596053732	SANTA ROSA	CA		12/16/2016		599,109							3,275	3,275			
EB1596053750	EL SEGUNDO	CA		10/07/2016		1,240,135							6,093	6,093			
EB1596053766	DUCK	NC		12/16/2016		704,813							4,393	4,393			
EB1596053799	LA HABRA HEIGHTS	CA		12/16/2016		667,538							3,665	3,665			
EB1596053805	JURUPA VALLEY	CA		12/16/2016		436,185							2,170	2,170			
EB1596053808	SAN JOSE	CA		12/16/2016		694,833							3,561	3,561			
EB1596053818	CULVER CITY	CA		12/16/2016		1,001,758							8,121	8,121			
EB1596053821	ERIE	CO		12/16/2016		539,755							2,814	2,814			
EB1596053822	SEATTLE	WA		12/16/2016		611,995							3,408	3,408			
EB1596053825	LONG BEACH	CA		12/16/2016		994,549							5,366	5,366			
EB1596053836	GLENDALE	CA		12/16/2016		979,546							7,174	7,174			
EB1596053850	LOS ANGELES	CA		12/16/2016		850,917							4,021	4,021			
EB1596053855	FOSTER CITY	CA		12/16/2016		536,386							2,465	2,465			
EB1596053857	SACRAMENTO	CA		12/16/2016		794,771							3,589	3,589			
EB1596053871	SANTA BARBARA	CA		12/16/2016		1,826,346							8,812	8,812			
EB1596053905	ERIE	CO		12/16/2016		416,855							2,835	2,835			
EB1596053910	DENVER	CO		12/16/2016		1,148,721							5,635	5,635			
EB1596053911	BOTHELL	WA		12/16/2016		682,757							3,992	3,992			
EB1596053930	SOUTH SAN FRANCISCO	CA		12/16/2016		987,080							6,844	6,844			
EB1596053937	SCOTTSDALE	AZ		12/16/2016		785,117						103,889	103,889				
EB1596053958	SCOTTSDALE	AZ		12/16/2016		494,785							2,338	2,338			
EB1596053960	PACIFICA	CA		12/16/2016		650,629							3,393	3,393			
EB1596053967	GUALALA	CA		12/16/2016		608,905							2,965	2,965			
EB1596053974	PHOENIX	AZ		12/16/2016		677,897							3,297	3,297			
EB1596053990	SEATTLE	WA		12/16/2016		752,009							3,524	3,524			
EB1596053993	CALABASAS	CA		12/16/2016		978,123							4,822	4,822			
EB1596054004	DENVER	CO		12/16/2016		893,516							4,662	4,662			
EB1596054012	BROOMFIELD	CO		12/16/2016		538,719							2,886	2,886			
EB1596054021	LOS ANGELES	CA		12/16/2016		949,502							6,932	6,932			
EB1596054049	PALM SPRINGS	CA		12/16/2016		482,016							5,264	5,264			
EB1596054061	SANTA CLARA	CA		12/16/2016		777,023							3,797	3,797			
EB1596054080	SOLANA BEACH	CA		12/16/2016		919,351							4,417	4,417			
EB1706505057	BEVERLY	MA		12/18/2015		474,547							2,361	2,361			
EB1706505305	SUGAR LAND	TX		12/18/2015		509,634							3,603	3,603			
EB1706542026	CLARKSVILLE	MD		08/19/2016		817,357							4,362	4,362			
EB1706551323	SCOTTSDALE	AZ		12/16/2016		479,486							2,621	2,621			
EB1723001151	ENCINITAS	CA		08/07/2015		614,847							3,306	3,306			
EB1723001157	LOS ANGELES	CA		07/17/2015		518,842							2,879	2,879			
EB1723001216	ALEXANDRIA	VA		12/18/2015		400,617							2,788	2,788			
EB1723001246	LOS ANGELES	CA		06/24/2016		1,004,935							5,358	5,358			
EB1723001389	MANHATTAN BEACH	CA		12/16/2016		1,523,910							8,196	8,196			
EB1723001394	LOS ANGELES	CA		12/16/2016		965,583							5,011	5,011			
EB1725001382	NEWPORT BEACH	CA		12/18/2015		625,723							3,381	3,381			
EB1725002290	NEWPORT BEACH	CA		11/20/2015		1,042,141							5,656	5,656			
EB1725002337	PALM DESERT	CA		07/17/2015		416,027							2,552	2,552			
EB1725002346	PALM SPRINGS	CA		11/20/2015		419,968							1,505	1,505			
EB1725002355	LADERA RANCH	CA		07/17/2015		878,884							4,732	4,732			
EB1725002360	PALM SPRINGS	CA		06/24/2016		1,568,346							8,936	8,936			
EB1725002424	PALM SPRINGS	CA		08/07/2015		413,151							2,210	2,210			
EB1725002450	SAN CLEMENTE	CA		08/07/2015		557,839							3,021	3,021			
EB1725002628	LOS ANGELES	CA		06/24/2016		455,651							2,316	2,316			
EB1725002836	LOS ANGELES	CA		06/24/2016		431,210							3,377	3,377			
EB1725002907	COSTA MESA	CA		03/24/2016		684,326							3,458	3,458			
EB1725002983	PALM SPRINGS	CA		06/24/2016		418,669							2,116	2,116			
EB1725003098	NEWPORT BEACH	CA		10/12/2016		1,402,359							9,466	9,466			
EB1725003333	SAN JOSE	CA		12/16/2016		626,552							3,327	3,327			

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1 Loan Number	Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/ Recorded Investment Excluding Accrued Interest Prior Year	Change in Book Value/Recorded Investment					14 Book Value/ Recorded Investment Excluding Accrued Interest on Disposal	15 Consid- eration	16 Foreign Exchange Gain (Loss) on Disposal	17 Realized Gain (Loss) on Disposal	18 Total Gain (Loss) on Disposal
	2 City	3 State					8 Unrealized Valuation Increase (Decrease)	9 Current Year's (Amortization) /Accretion	10 Current Year's Other Than Temporary Impairment Recognized	11 Capitalized Deferred Interest and Other	12 Total Change in Book Value (8+9-10+11)						13 Total Foreign Exchange Change in Book Value
EB1725003376	SAN DIEGO	CA		12/16/2016		1,009,717							5,262	5,262		
EB1725003421	SAN ANSELMO	CA		12/16/2016		847,314							4,301	4,301		
EB1725003445	SAN CLEMENTE	CA		12/16/2016		623,531							3,139	3,139		
EB1725003460	LADERA RANCH	CA		12/16/2016		494,726							2,785	2,785		
EB1771000521	HUNTINGTON BEACH	CA		09/18/2015		802,273							13,355	13,355		
EB1771000608	SAN JUAN CAPISTRANO	CA		11/20/2015		942,941							5,873	5,873		
EB1771000663	HUNTINGTON BEACH	CA		07/30/2015		1,007,393							5,749	5,749		
EB1771000666	SANTA ANA	CA		09/18/2015		644,173							3,494	3,494		
EB1771000713	SAN JUAN CAPISTRANO	CA		11/20/2015		1,076,204							9,601	9,601		
EB1771000721	SAN JUAN CAPISTRANO	CA		09/25/2015		948,244							5,286	5,286		
EB1771000972	HUNTINGTON BEACH	CA		09/25/2015		830,546							8,568	8,568		
EB1771001011	NEWPORT BEACH	CA		11/20/2015		816,727							4,482	4,482		
EB1771001014	LA MIRADA	CA		07/17/2015		447,777							2,614	2,614		
EB1771001018	LA MIRADA	CA		07/17/2015		480,870							2,589	2,589		
EB1771001118	SAN JUAN CAPISTRANO	CA		08/17/2016		872,291							5,038	5,038		
EB1771001235	HUNTINGTON BEACH	CA		10/12/2016		941,654							5,128	5,128		
EB1771001373	HUNTINGTON BEACH	CA		03/24/2016		962,279							4,848	4,848		
EB1771001383	LAKE FOREST	CA		06/24/2016		720,231							5,061	5,061		
EB1771001472	HUNTINGTON BEACH	CA		12/16/2016		1,306,596							7,020	7,020		
EB1771001805	FOLSOM	CA		12/16/2016		532,207							2,786	2,786		
EB1771001934	HUNTINGTON BEACH	CA		12/16/2016		1,298,660							10,053	10,053		
EB1784001085	WALNUT CREEK	CA		07/30/2015		769,936							4,272	4,272		
EB1784001354	SANTA CLARA	CA		07/30/2015		598,941							3,324	3,324		
EB1784001427	MOUNTAIN VIEW	CA		07/30/2015		922,444							5,119	5,119		
EB1784001440	SAN FRANCISCO	CA		07/30/2015		669,188							3,713	3,713		
EB1784001757	NOVATO	CA		03/24/2016		577,479							3,092	3,092		
EB1784001925	BELMONT	CA		06/24/2016		1,152,567							6,299	6,299		
EB1784002143	SAN FRANCISCO	CA		03/24/2016		990,389							5,143	5,143		
EB1784002144	REDWOOD CITY	CA		09/25/2015		862,124							4,686	4,686		
EB1784002168	SAN FRANCISCO	CA		11/20/2015		1,045,652							5,916	5,916		
EB1784002217	SAN FRANCISCO	CA		09/25/2015		499,470							2,715	2,715		
EB1784002268	SAN FRANCISCO	CA		09/25/2015		941,640							5,545	5,545		
EB1784002309	LAFAYETTE	CA		10/12/2016		1,234,637							6,785	6,785		
EB1784002331	SAN JOSE	CA		10/12/2016		1,660,797							9,082	9,082		
EB1784002334	REDWOOD CITY	CA		07/17/2015		744,145							4,016	4,016		
EB1784002358	EMERALD HILLS	CA		07/17/2015		658,723							4,947	4,947		
EB1784002384	REDWOOD CITY	CA		07/17/2015		859,243							6,016	6,016		
EB1784002424	SAN FRANCISCO	CA		10/12/2016		2,169,855							12,227	12,227		
EB1784002429	OAKLAND	CA		11/20/2015		650,628							3,681	3,681		
EB1784002431	SAN FRANCISCO	CA		03/24/2016		1,093,963							5,870	5,870		
EB1784002442	PALO ALTO	CA		08/07/2015		1,187,868							6,527	6,527		
EB1784002449	SAN FRANCISCO	CA		08/07/2015		437,908							7,783	7,783		
EB1784002458	SAN CARLOS	CA		08/07/2015		898,812							4,955	4,955		
EB1784002535	SAN FRANCISCO	CA		08/07/2015		791,686							4,182	4,182		
EB1784002546	CORTE MADERA	CA		08/07/2015		1,035,877							5,769	5,769		
EB1784002563	SAN FRANCISCO	CA		08/07/2015		539,423							3,168	3,168		
EB1784002775	SAN FRANCISCO	CA		06/24/2016		620,105							3,142	3,142		
EB1784002796	SAN BRUNO	CA		03/24/2016		629,597							3,253	3,253		
EB1784002902	MORGAN HILL	CA		03/24/2016		524,688							2,711	2,711		
EB1784002927	SANTA ROSA	CA		03/24/2016		470,293							2,486	2,486		
EB1784002958	MENLO PARK	CA		06/24/2016		519,811							2,756	2,756		
EB1784003112	MENLO PARK	CA		03/24/2016		593,653							3,122	3,122		
EB1784003157	LA CRESCENTA	CA		06/24/2016		399,053							3,045	3,045		
EB1784003213	REDWOOD CITY	CA		10/12/2016		1,273,388							6,759	6,759		
EB1784003367	REDWOOD CITY	CA		10/12/2016		719,047							3,723	3,723		
EB1784003417	NOVATO	CA		06/24/2016		519,061							2,605	2,605		
EB1784003436	SANTA ROSA	CA		06/24/2016		486,591							2,407	2,407		
EB1784003477	SAN FRANCISCO	CA		03/24/2016		620,873							3,355	3,355		
EB1784003514	SAN JOSE	CA		03/24/2016		587,332							3,517	3,517		
EB1784003648	SAN FRANCISCO	CA		06/24/2016		910,597							4,808	4,808		

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1 Loan Number	2 Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/ Recorded Investment Excluding Accrued Interest Prior Year	8 Change in Book Value/Recorded Investment					14 Book Value/ Recorded Investment Excluding Accrued Interest on Disposal	15 Consi- deration	16 Foreign Exchange Gain (Loss) on Disposal	17 Realized Gain (Loss) on Disposal	18 Total Gain (Loss) on Disposal
	2 City	3 State					8 Unrealized Valuation Increase (Decrease)	9 Current Year's (Amortization) /Accretion	10 Current Year's Other Than Temporary Impairment Recognized	11 Capitalized Deferred Interest and Other	12 Total Change in Book Value (8+9-10+11)						13 Total Foreign Exchange Change in Book Value
EB1784003899	SAN FRANCISCO	CA		10/12/2016		1,232,732						6,585	6,585			
EB1784003927	SAN JOSE	CA		06/24/2016		971,211						5,406	5,406			
EB1784003936	SAN BRUNO	CA		10/12/2016		618,985						4,380	4,380			
EB1784003944	SAN CARLOS	CA		12/16/2016		638,260						3,275	3,275			
EB1784003974	SAN JOSE	CA		08/17/2016		654,555						3,541	3,541			
EB1784004014	SAN FRANCISCO	CA		08/17/2016		926,806						4,910	4,910			
EB1784004039	SAN FRANCISCO	CA		12/16/2016		473,314						2,466	2,466			
EB1784004040	CORTE MADERA	CA		08/17/2016		866,860						2,351	2,351			
EB1784004072	SAN RAFAEL	CA		12/16/2016		725,842						6,635	6,635			
EB1784004088	NOVATO	CA		12/16/2016		1,020,658						5,473	5,473			
EB1784004097	SAN FRANCISCO	CA		12/16/2016		1,887,517						10,141	10,141			
EB1784004120	SAN FRANCISCO	CA		10/12/2016		637,002						3,315	3,315			
EB1784004122	SAN FRANCISCO	CA		08/17/2016		963,184						4,977	4,977			
EB1784004180	SAN FRANCISCO	CA		10/12/2016		652,651						4,421	4,421			
EB1784004245	TIBURON	CA		12/16/2016		712,633						3,792	3,792			
EB1784004248	SAN FRANCISCO	CA		12/16/2016		757,874						4,033	4,033			
EB1784004293	EL CERRITO	CA		12/16/2016		639,881						3,244	3,244			
EB1784004395	FAIRFAX	CA		12/16/2016		1,014,365						5,243	5,243			
EB1784004497	SEBASTOPOLE	CA		12/16/2016		744,017						5,313	5,313			
EB1784004502	MENLO PARK	CA		12/16/2016		773,795						3,997	3,997			
EB1784004539	SAN MATEO	CA		12/16/2016		1,146,535						6,031	6,031			
EB1784004542	SAN JOSE	CA		12/16/2016		1,078,685						6,737	6,737			
EB1784004563	DANVILLE	CA		12/16/2016		777,132						4,511	4,511			
EB1784004587	CORTE MADERA	CA		12/16/2016		368,932						3,826	3,826			
EB1784004738	SAN FRANCISCO	CA		12/16/2016		738,264						3,943	3,943			
EB1784004775	BELMONT	CA		12/16/2016		870,231						7,416	7,416			
EB1784004777	SAN FRANCISCO	CA		12/16/2016		981,451						6,536	6,536			
EB1784004778	SAN FRANCISCO	CA		12/16/2016		679,452						3,595	3,595			
EB1784004781	BURLINGAME	CA		12/16/2016		1,344,826						7,166	7,166			
EB1784004782	MENLO PARK	CA		12/16/2016		749,447						6,612	6,612			
EB1784004784	SAN RAFAEL	CA		12/16/2016		606,772						3,241	3,241			
EB1784004785	BURLINGAME	CA		12/16/2016		1,305,023						6,938	6,938			
EB1784004815	REDWOOD CITY	CA		12/16/2016		1,103,661						5,728	5,728			
EB1784004840	OAKLAND	CA		12/16/2016		1,005,890						5,347	5,347			
EB1784004856	SAN FRANCISCO	CA		12/16/2016		922,719						4,928	4,928			
EB1784004858	SAN FRANCISCO	CA		12/16/2016		560,425						2,979	2,979			
EB1784004861	SAN FRANCISCO	CA		12/16/2016		734,407						5,379	5,379			
EB1784004870	SAN RAFAEL	CA		12/16/2016		1,110,624						6,080	6,080			
EB1784004880	SAN FRANCISCO	CA		12/16/2016		1,350,451						7,639	7,639			
EB1784004910	SAN RAFAEL	CA		12/16/2016		873,131						4,516	4,516			
EB1784004962	SAN FRANCISCO	CA		12/16/2016		490,572						2,550	2,550			
EB1784005051	SAN BRUNO	CA		12/16/2016		683,623						3,737	3,737			
EB1785002268	SANTA CRUZ	CA		09/18/2015		410,975						3,003	3,003			
EB1785002536	SAN FRANCISCO	CA		07/30/2015		739,908						4,408	4,408			
EB1785003246	LOS ANGELES	CA		03/24/2016		501,900						2,620	2,620			
EB1785003252	NEWARK	CA		10/09/2015		431,721						2,667	2,667			
EB1785003272	MENLO PARK	CA		09/25/2015		944,587						5,154	5,154			
EB1785003289	LINDEN	CA		10/09/2015		516,050						3,120	3,120			
EB1785003399	VALENCIA	CA		11/20/2015		494,732						2,647	2,647			
EB1785003407	SAN JOSE	CA		07/17/2015		762,670						4,159	4,159			
EB1785003447	PORTOLA VALLEY	CA		07/17/2015		1,283,832						7,171	7,171			
EB1785003492	SATELLITE BEACH	FL		08/07/2015		466,141						4,043	4,043			
EB1785003522	E PALO ALTO	CA		08/07/2015		547,650						2,888	2,888			
EB1785003601	LOS GATOS	CA		06/24/2016		853,909						4,465	4,465			
EB1785003665	REDWOOD CITY	CA		06/24/2016		588,728						6,490	6,490			
EB1785004145	PEBBLE BEACH	CA		06/24/2016		556,007						3,524	3,524			
EB1785004180	FREMONT	CA		06/24/2016		743,653						3,927	3,927			
EB1785004254	SAN JOSE	CA		06/24/2016		692,167						3,635	3,635			
EB1785004280	LOS GATOS	CA		06/24/2016		581,989						4,376	4,376			
EB1785004420	SUNNYVALE	CA		08/17/2016		1,212,648						33,447	33,447			

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1 Loan Number	2 Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/ Recorded Investment Excluding Accrued Interest Prior Year	Change in Book Value/Recorded Investment					14 Book Value/ Recorded Investment Excluding Accrued Interest on Disposal	15 Consid- eration	16 Foreign Exchange Gain (Loss) on Disposal	17 Realized Gain (Loss) on Disposal	18 Total Gain (Loss) on Disposal
	2 City	3 State					8 Unrealized Valuation Increase (Decrease)	9 Current Year's (Amortization) /Accretion	10 Current Year's Other Than Temporary Impairment Recognized	11 Capitalized Deferred Interest and Other	12 Total Change in Book Value (8+9-10+11)						13 Total Foreign Exchange Change in Book Value
EB1785004656	SCOTT VALLEY	CA		12/16/2016		681,267							3,894	3,894		
EB1785004673	SAN JOSE	CA		10/07/2016		1,083,427							5,599	5,599		
EB1785004871	LOS ALTOS	CA		12/16/2016		495,856							2,791	2,791		
EB1785004879	SANTA CRUZ	CA		12/16/2016		690,937							3,495	3,495		
EB1785004925	SANTA CRUZ	CA		12/16/2016		730,273							3,998	3,998		
EB1786002179	HALF MOON BAY	CA		07/30/2015		1,065,892							6,012	6,012		
EB1786002320	PORTOLA VALLEY	CA		10/09/2015		577,790							4,024	4,024		
EB1786002424	LOS ALTOS	CA		09/25/2015		1,660,228							8,979	8,979		
EB1786002511	BELMONT	CA		03/24/2016		915,916							5,064	5,064		
EB1786002571	SAN FRANCISCO	CA		08/07/2015		1,294,128							7,268	7,268		
EB1786002646	SOUTH SAN FRANCISCO	CA		03/24/2016		712,832							3,883	3,883		
EB1786002666	SAN MATEO	CA		03/24/2016		973,144							3,623	3,623		
EB1786002673	SANTA CLARA	CA		07/17/2015		610,143							4,299	4,299		
EB1786002688	SAN MATEO	CA		09/25/2015		850,847							3,628	3,628		
EB1786002704	BELMONT	CA		06/24/2016		1,096,125							6,992	6,992		
EB1786002708	TRUCKEE	CA		11/20/2015		542,717							3,086	3,086		
EB1786002719	MENLO PARK	CA		07/17/2015		731,470							4,132	4,132		
EB1786002720	EL GRANADA	CA		11/20/2015		878,162							4,968	4,968		
EB1786002754	BURLINGAME	CA		07/17/2015		739,371							4,092	4,092		
EB1786002773	REDWOOD CITY	CA		07/17/2015		747,015							4,013	4,013		
EB1786002804	ARNOLD	CA		10/12/2016		458,661							2,382	2,382		
EB1786002848	FOSTER CITY	CA		06/24/2016		1,070,590							5,570	5,570		
EB1786002896	NOVATO	CA		03/24/2016		623,239							3,362	3,362		
EB1786003293	CUPERTINO	CA		06/24/2016		481,046							2,416	2,416		
EB1786003297	LOS ALTOS	CA		10/07/2016		882,517							4,455	4,455		
EB1786003342	BURLINGAME	CA		06/24/2016		891,295							4,712	4,712		
EB1786003372	SAN CARLOS	CA		06/24/2016		1,612,513							8,515	8,515		
EB1786003544	BELMONT	CA		10/12/2016		950,582							5,102	5,102		
EB1786003545	CASTRO VALLEY	CA		10/12/2016		744,745							3,960	3,960		
EB1786003598	FOSTER CITY	CA		08/17/2016		918,349							4,990	4,990		
EB1786003610	SAN MATEO	CA		12/16/2016		1,069,422							5,929	5,929		
EB1786003623	SAN MATEO	CA		12/16/2016		1,236,852							6,838	6,838		
EB1786003657	SAN FRANCISCO	CA		08/17/2016		842,551							4,463	4,463		
EB1786003720	BELMONT	CA		12/16/2016		1,236,140							6,767	6,767		
EB1786003745	BELMONT	CA		12/16/2016		819,853							4,596	4,596		
EB1786003774	REDWOOD CITY	CA		12/16/2016		769,346							4,086	4,086		
EB1786003890	SAN MATEO	CA		12/16/2016		693,334							3,786	3,786		
EB1786003928	SAN FRANCISCO	CA		12/16/2016		647,706							3,304	3,304		
EB1786003969	SAN MATEO	CA		12/16/2016		984,895							5,111	5,111		
EB1786003970	SAN MATEO	CA		12/16/2016		919,792							4,653	4,653		
EB1786004118	SANTA CLARA	CA		12/16/2016		1,072,949							5,704	5,704		
EB1786004135	PALO ALTO	CA		12/16/2016		1,128,548							6,170	6,170		
EB1787002719	OAKLAND	CA		08/07/2015		671,996							3,729	3,729		
EB1787002755	CASTRO VALLEY	CA		07/17/2015		592,957							3,266	3,266		
EB1787002756	SAN RAMON	CA		11/20/2015		540,024							3,849	3,849		
EB1787002772	NOVATO	CA		07/17/2015		603,030							3,254	3,254		
EB1787002798	SAN RAMON	CA		08/07/2015		717,033							3,859	3,859		
EB1787002827	CASTRO VALLEY	CA		08/07/2015		649,204							7,191	7,191		
EB1787002855	SAN JOSE	CA		08/07/2015		610,565							3,236	3,236		
EB1787003150	SAN RAMON	CA		03/24/2016		816,067							4,132	4,132		
EB1787003203	PLEASANTON	CA		03/24/2016		766,368							6,351	6,351		
EB1787003208	HAYWARD	CA		06/24/2016		471,788							2,310	2,310		
EB1787003214	WALNUT CREEK	CA		03/24/2016		785,900							4,052	4,052		
EB1787003319	MILPITAS	CA		12/16/2016		651,035							3,498	3,498		
EB1787003346	DANVILLE	CA		06/24/2016		394,847							2,095	2,095		
EB1787003434	UNION CITY	CA		10/12/2016		653,648							3,492	3,492		
EB1787003508	FREMONT	CA		12/16/2016		649,947							5,693	5,693		
EB1787003647	DANVILLE	CA		12/16/2016		898,077							4,769	4,769		
EB1787003800	DUBLIN	CA		12/16/2016		622,599							3,141	3,141		
EB1787003834	SAN BRUNO	CA		12/16/2016		1,121,097							10,089	10,089		

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1 Loan Number	2 Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/ Recorded Investment Excluding Accrued Interest Prior Year	8 Change in Book Value/Recorded Investment					14 Book Value/ Recorded Investment Excluding Accrued Interest on Disposal	15 Consid- eration	16 Foreign Exchange Gain (Loss) on Disposal	17 Realized Gain (Loss) on Disposal	18 Total Gain (Loss) on Disposal
	2 City	3 State					8 Unrealized Valuation Increase (Decrease)	9 Current Year's (Amortization) /Accretion	10 Current Year's Other Than Temporary Impairment Recognized	11 Capitalized Deferred Interest and Other	12 Total Change in Book Value (8+9-10+11)						13 Total Foreign Exchange Change in Book Value
EB1787003868	DUBLIN	CA		12/16/2016		728,936						4,778	4,778			
EB1787003934	LIVERMORE	CA		12/16/2016		614,254						3,319	3,319			
EB1787003938	SAN JOSE	CA		12/16/2016		430,541						2,216	2,216			
EB1787003957	PLEASANTON	CA		12/16/2016		782,044						4,931	4,931			
EB1787003964	PLEASANTON	CA		12/16/2016		502,103						2,606	2,606			
EB1787003973	DUBLIN	CA		12/16/2016		599,052						3,280	3,280			
EB1787004002	PENNGROVE	CA		12/16/2016		666,822						3,634	3,634			
EB1787004061	FREMONT	CA		12/16/2016		731,573						4,694	4,694			
EB1787004076	ORINDA	CA		12/16/2016		1,109,308						5,925	5,925			
EB1787004136	DUBLIN	CA		12/16/2016		418,642						2,226	2,226			
EB1789002868	OAKLAND	CA		07/30/2015		597,959						9,430	9,430			
EB1789003029	REDWOOD CITY	CA		06/24/2016		711,197						3,801	3,801			
EB1789003354	LOS ALTOS	CA		03/24/2016		1,327,162						7,230	7,230			
EB1789003359	SARATOGA	CA		03/24/2016		426,585						2,312	2,312			
EB1789003375	SAN FRANCISCO	CA		10/09/2015		418,534						2,289	2,289			
EB1789003401	MOUNTAIN VIEW	CA		09/25/2015		494,562						2,829	2,829			
EB1789003454	APTOS	CA		06/24/2016		654,425						3,577	3,577			
EB1789003531	SUNNYVALE	CA		10/12/2016		592,648						3,178	3,178			
EB1789003549	SAN MATEO	CA		06/24/2016		925,918						6,102	6,102			
EB1789003567	REDWOOD CITY	CA		03/24/2016		639,272						3,534	3,534			
EB1789003570	DUBLIN	CA		09/25/2015		622,765						3,291	3,291			
EB1789003581	MOUNTAIN VIEW	CA		09/25/2015		530,022						2,940	2,940			
EB1789003621	MOUNTAIN VIEW	CA		03/24/2016		954,718						4,554	4,554			
EB1789003629	BELMONT	CA		11/20/2015		711,868						4,755	4,755			
EB1789003653	FREMONT	CA		07/17/2015		410,313						2,357	2,357			
EB1789003655	BERKELEY	CA		07/17/2015		623,341						3,997	3,997			
EB1789003669	SAN RAMON	CA		07/17/2015		643,460						3,544	3,544			
EB1789003676	SANTA CLARA	CA		08/07/2015		500,140						4,128	4,128			
EB1789003695	MOUNTAIN VIEW	CA		11/20/2015		1,003,826						5,679	5,679			
EB1789003698	SUNNYVALE	CA		08/07/2015		800,299						4,391	4,391			
EB1789003711	SANTA CRUZ	CA		10/12/2016		635,876						3,477	3,477			
EB1789003722	SUNNYVALE	CA		07/17/2015		580,264						3,131	3,131			
EB1789003958	BURLINGAME	CA		06/24/2016		609,170						3,169	3,169			
EB1789003985	SAN CARLOS	CA		06/24/2016		641,831						3,327	3,327			
EB1789004148	BURLINGAME	CA		06/24/2016		822,031						4,197	4,197			
EB1789004236	SAN JOSE	CA		03/24/2016		885,963						4,732	4,732			
EB1789004288	CAMPBELL	CA		03/24/2016		577,356						2,909	2,909			
EB1789004300	SAN JOSE	CA		06/24/2016		676,418						2,664	2,664			
EB1789004328	DANVILLE	CA		12/16/2016		1,036,806						5,648	5,648			
EB1789004341	SUNNYVALE	CA		06/24/2016		894,997						5,528	5,528			
EB1789004375	HAYWARD	CA		10/12/2016		1,150,811						7,520	7,520			
EB1789004388	SAN JOSE	CA		10/07/2016		706,519						6,596	6,596			
EB1789004398	REDWOOD CITY	CA		06/24/2016		1,003,037						5,293	5,293			
EB1789004486	ALCOA	TN		08/19/2016		512,311						2,748	2,748			
EB1789004493	SUNNYVALE	CA		08/17/2016		1,118,460						6,077	6,077			
EB1789004502	SAN CARLOS	CA		10/12/2016		1,101,079						5,713	5,713			
EB1789004521	BURLINGAME	CA		08/17/2016		984,817						6,143	6,143			
EB1789004539	REDWOOD CITY	CA		08/17/2016		860,743						4,560	4,560			
EB1789004549	SAN JOSE	CA		08/17/2016		379,490						5,148	5,148			
EB1789004553	THE WOODLANDS	TX		12/16/2016		1,106,160						5,915	5,915			
EB1789004565	SAN JOSE	CA		08/17/2016		379,490						5,148	5,148			
EB1789004596	MOUNTAIN VIEW	CA		08/17/2016		684,438						3,537	3,537			
EB1789004848	SAN JOSE	CA		12/16/2016		838,290						4,568	4,568			
EB1789004888	SAN JOSE	CA		12/16/2016		971,644						9,515	9,515			
EB1789004899	REDWOOD CITY	CA		12/16/2016		287,896						1,563	1,563			
EB1789004890	BELMONT	CA		12/16/2016		1,075,553						5,563	5,563			
EB1789004944	SAN JOSE	CA		12/16/2016		619,387						4,691	4,691			
EB1789004950	SAN JOSE	CA		12/16/2016		559,435						2,988	2,988			
EB1789004967	SANTA CLARA	CA		12/16/2016		569,686						3,115	3,115			
EB1790002216	ALEXANDRIA	VA		09/25/2015		935,204						5,232	5,232			

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Showing All Mortgage Loans DISPOSED, Transferred or Repaid During the Current Quarter

1 Loan Number	2 Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/ Recorded Investment Excluding Accrued Interest Prior Year	8 Change in Book Value/Recorded Investment					14 Book Value/ Recorded Investment Excluding Accrued Interest on Disposal	15 Consid- eration	16 Foreign Exchange Gain (Loss) on Disposal	17 Realized Gain (Loss) on Disposal	18 Total Gain (Loss) on Disposal	
	2 City	3 State					8 Unrealized Valuation Increase (Decrease)	9 Current Year's (Amortization) /Accretion	10 Current Year's Other Than Temporary Impairment Recognized	11 Capitalized Deferred Interest and Other	12 Total Change in Book Value (8+9-10+11)						13 Total Foreign Exchange Change in Book Value
EB179002358	FALLS CHURCH	VA		11/20/2015		705,069						3,832					3,832
EB179002648	WASHINGTON	DC		06/24/2016		731,756						3,804					3,804
EB179002986	WASHINGTON	DC		10/12/2016		612,375						3,287					3,287
EB1791002759	ROCKVILLE	MD		07/17/2015		610,246						4,192					4,192
EB1791002764	POTOMAC	MD		07/17/2015		695,088						3,828					3,828
EB1791002772	RESTON	VA		08/07/2015		1,074,867						9,572					9,572
EB1791002779	REHOBOTH BEACH	DE		07/17/2015		589,058						3,737					3,737
EB1791002786	MCLEAN	VA		08/07/2015		747,453						4,121					4,121
EB1793000749	VOORHEESVILLE	NY		12/18/2015		541,718						5,605					5,605
EB1793000950	VIENNA	VA		10/09/2015		1,080,987						5,975					5,975
EB1793000960	ARLINGTON	VA		07/17/2015		745,086						4,021					4,021
EB1793000975	KENSINGTON	MD		07/17/2015		838,328						4,640					4,640
EB1793000986	ARLINGTON	VA		08/07/2015		843,156						5,066					5,066
EB1793001367	WASHINGTON	DC		10/07/2016		937,874						5,293					5,293
EB1793001391	POTOMAC	MD		08/19/2016		608,264						3,246					3,246
EB1793001392	ARLINGTON	VA		08/19/2016		905,878						4,963					4,963
EB1793001647	MC LEAN	VA		12/16/2016		624,383						3,180					3,180
EB1793001664	DARIEN	CT		12/16/2016		608,561						3,332					3,332
EB1794002440	SEVERN	MD		07/30/2015		469,707						2,946					2,946
EB1794002606	ARLINGTON	VA		09/18/2015		886,367						5,210					5,210
EB1794003134	WASHINGTON	DC		10/09/2015		400,200						3,177					3,177
EB1794003210	ASHBURN	VA		11/20/2015		513,196						2,775					2,775
EB1794003329	NOKESVILLE	VA		12/18/2015		651,677						4,458					4,458
EB1794003381	FAIRFAX	VA		08/07/2015		606,044						3,289					3,289
EB1794003388	ANNANDALE	VA		08/07/2015		563,006						4,169					4,169
EB1794003466	ANNANDALE	VA		12/18/2015		492,224						3,446					3,446
EB1794003540	WASHINGTON	DC		12/18/2015		756,653						5,784					5,784
EB1794003584	ANNANDALE	VA		06/24/2016		511,604						2,755					2,755
EB1794003597	FALLS CHURCH	VA		06/24/2016		984,689						5,027					5,027
EB1794003753	NORTH POTOMAC	MD		06/24/2016		619,285						3,355					3,355
EB1795000799	WESTFIELD	NJ		09/18/2015		576,525						3,144					3,144
EB1795001038	STATEN ISLAND	NY		12/18/2015		503,315						2,560					2,560
EB1795001161	WEST LONG BRANCH	NJ		11/20/2015		529,565						8,779					8,779
EB1795001225	UPPER MONTCLAIR	NJ		07/17/2015		414,329						2,299					2,299
EB1795001267	GLEN RIDGE	NJ		11/20/2015		647,056						3,533					3,533
EB1795001327	MENDHAM	NJ		12/18/2015		439,197						2,302					2,302
EB1795001484	OCEANPORT	NJ		12/18/2015		471,684						3,341					3,341
EB1795001933	ROCKAWAY	NJ		12/16/2016		667,234						3,453					3,453
EB1994000187	LAFAYETTE HILL	PA		09/18/2015		669,513						3,651					3,651
FR121181213	ESSEX FIELDS	NJ		09/23/2016		666,263						3,613					3,613
FR125660147	BOSTON	MA		09/23/2016		543,498						2,934					2,934
FR125676614	NEWTON	MA		09/09/2016		866,677						4,697					4,697
FR125686555	SAN RAFAEL	CA		09/09/2016		965,201						5,160					5,160
FR125687686	PALO ALTO	CA		10/07/2016		1,093,564						5,936					5,936
FR125688452	BURLINGAME	CA		09/09/2016		855,797						4,645					4,645
FR125689476	DANVILLE	CA		10/07/2016		431,631						2,256					2,256
FR125689609	LARCHMONT	NY		09/09/2016		912,898						4,955					4,955
FR125690276	BURLINGAME	CA		10/07/2016		715,485						3,860					3,860
FR125690953	LEXINGTON	MA		09/09/2016		571,435						3,097					3,097
FR125692355	ORINDA	CA		10/07/2016		1,043,297						5,628					5,628
FR125692496	SAN FRANCISCO	CA		10/07/2016		931,668						5,026					5,026
FR125692728	SAN DIEGO	CA		10/07/2016		638,098						3,458					3,458
FR125692959	LAFAYETTE	CA		09/09/2016		950,756						5,176					5,176
FR125693304	HINGHAM	MA		11/04/2016		829,347						4,478					4,478
FR125693379	SAN FRANCISCO	CA		09/09/2016		852,016						4,620					4,620
FR125693742	ALAMO	CA		09/23/2016		787,870						4,226					4,226
FR125694955	WELLESLEY	MA		09/23/2016		1,205,680						6,467					6,467
FR125695028	KENSINGTON	CA		09/23/2016		1,002,243						5,460					5,460
FR125695481	HILLSBOROUGH	CA		10/07/2016		647,529						3,495					3,495
FR125695861	CORTE MADERA	CA		09/23/2016		1,070,950						5,807					5,807

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SCHEDULE B - PART 3

Showing All Mortgage Loans DISPOSED, Transferred or Repaid During the Current Quarter

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	2 City	3 State					8 Unrealized Valuation Increase (Decrease)	9 Current Year's (Amortization) /Accretion	10 Current Year's Other Than Temporary Impairment Recognized	11 Capitalized Deferred Interest and Other	12 Total Change in Book Value (8+9-10+11)					
FR125696794	SAN FRANCISCO	CA		10/07/2016		899,447						4,878	4,878			
FR125696927	MOUNTAIN VIEW	CA		10/07/2016		853,382						4,606	4,606			
FR125697404	SAN FRANCISCO	CA		11/04/2016		657,901						3,551	3,551			
FR125697446	WELLESLEY	MA		10/07/2016		714,777						3,860	3,860			
FR125697743	SAN DIEGO	CA		10/07/2016		911,058						4,918	4,918			
FR125697792	SHERMAN OAKS	CA		09/23/2016		1,004,331						5,446	5,446			
FR125698089	SAN MATEO	CA		09/23/2016		947,271						5,137	5,137			
FR125698386	ALISO VIEJO	CA		10/07/2016		563,464						3,042	3,042			
FR125698675	WELLESLEY	MA		10/07/2016		657,595						3,551	3,551			
FR125698956	BURLINGAME	CA		11/18/2016		853,173						4,606	4,606			
FR125699020	GARDEN CITY	NY		09/23/2016		715,069						3,860	3,860			
FR125699384	SAN RAMON	CA		12/02/2016		836,950						4,443	4,443			
FR125699483	NOVATO	CA		11/04/2016		616,996						3,335	3,335			
FR125699954	DANA POINT MONARCH B	CA		10/07/2016		650,545						3,513	3,513			
FR125700224	WELLESLEY	MA		10/07/2016		571,457						3,100	3,100			
FR125700737	SAN FRANCISCO	CA		11/18/2016		1,119,088						5,931	5,931			
FR125701107	LOS ANGELES	CA		10/07/2016		931,741						5,032	5,032			
FR125701305	BOSTON	MA		10/07/2016		1,072,992						6,526	6,526			
FR125702451	SAN FRANCISCO	CA		10/07/2016		714,948						3,860	3,860			
FR125704689	SAN DIEGO	CA		10/21/2016		695,731						3,796	3,796			
FR125704804	WALNUT CREEK	CA		12/02/2016		632,605						3,468	3,468			
FR125704960	SAN FRANCISCO	CA		11/18/2016		910,351						4,838	4,838			
FR125704978	SAN FRANCISCO	CA		09/23/2016		791,085						6,550	6,550			
FR125705470	DANA POINT	CA		11/18/2016		656,765						3,634	3,634			
FR125705868	MENLO PARK	CA		10/07/2016		1,049,509						5,618	5,618			
FR125706197	SHERMAN OAKS	CA		10/21/2016		849,447						4,573	4,573			
FR125706494	MORAGA	CA		10/07/2016		742,545						4,026	4,026			
FR125708235	MORAGA	CA		10/21/2016		762,484						4,117	4,117			
FR125708359	LEXINGTON	MA		12/02/2016		806,888						4,336	4,336			
FR125709076	SONOMA	CA		11/18/2016		733,798						3,776	3,776			
FR125709688	PASADENA	CA		11/18/2016		678,975						3,441	3,441			
FR125711528	SAN FRANCISCO	CA		10/21/2016		805,707						4,126	4,126			
FR125712427	BOSTON	MA		10/21/2016		541,927						4,362	4,362			
FR125712625	MILL VALLEY	CA		10/21/2016		926,212						39,062	39,062			
FR125713748	LOS ANGELES	CA		11/04/2016		663,864						3,487	3,487			
FR125713839	SAN FRANCISCO	CA		10/21/2016		537,487						4,950	4,950			
FR125716451	PLEASANTON	CA		11/04/2016		572,640						3,079	3,079			
FR125716923	NEWTON	MA		11/18/2016		788,201						4,217	4,217			
FR125717244	LOS ANGELES VEN	CA		11/04/2016		959,961						5,173	5,173			
FR125717814	NEWTON	MA		10/21/2016		678,725						3,656	3,656			
FR125718499	LAKE ARROYHEAD	CA		12/02/2016		574,651						3,057	3,057			
FR125718614	LA JOLLA	CA		12/02/2016		1,182,962						6,305	6,305			
FR125718697	SANTA MONICA	CA		12/22/2016		905,857						4,832	4,832			
FR125718747	SAN JOSE	CA		12/02/2016		1,053,689						5,644	5,644			
FR125718754	SAN JOSE	CA		10/21/2016		1,175,286						6,295	6,295			
FR125719067	SAUSALITO	CA		11/04/2016		763,034						4,086	4,086			
FR125719265	LOS ANGELES	CA		11/04/2016		814,499						4,148	4,148			
FR125719471	BURLINGAME	CA		11/18/2016		787,740						4,202	4,202			
FR125720016	NEEDHAM	MA		11/18/2016		932,180						4,965	4,965			
FR125722053	DANVILLE	CA		11/04/2016		624,301						3,343	3,343			
FR125722392	NAPA	CA		11/04/2016		994,746						10,181	10,181			
FR125722418	HALEIWA	HI		12/02/2016		1,227,498						6,525	6,525			
FR125725346	SAN FRANCISCO	CA		11/18/2016		763,961						4,074	4,074			
FR125727805	TIBURON	CA		11/04/2016		1,781,394						9,541	9,541			
FR125727854	NEEDHAM	MA		11/04/2016		475,730						17,870	17,870			
FR125750369	WESTON	MA		11/18/2016		1,517,113						8,021	8,021			
FR125751169	BOSTON	MA		11/18/2016		1,176,030						20,796	20,796			
FR125755467	BURLINGAME	CA		11/18/2016		895,110						4,772	4,772			
FR125755640	LOS ANGELES	CA		11/18/2016		955,294						5,093	5,093			
FR125757133	PIEDMONT	CA		11/18/2016		1,213,430						6,502	6,502			

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SCHEDULE B - PART 3

Showing All Mortgage Loans DISPOSED, Transferred or Repaid During the Current Quarter

1 Loan Number	2 Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/ Recorded Investment Excluding Accrued Interest Prior Year	8 Change in Book Value/Recorded Investment					13 Total Foreign Exchange Change in Book Value	14 Book Value/ Recorded Investment Excluding Accrued Interest on Disposal	15 Consid- eration	16 Foreign Exchange Gain (Loss) on Disposal	17 Realized Gain (Loss) on Disposal	18 Total Gain (Loss) on Disposal
	2 City	3 State					8 Unrealized Valuation Increase (Decrease)	9 Current Year's (Amortization) /Accretion	10 Current Year's Other Than Temporary Impairment Recognized	11 Capitalized Deferred Interest and Other	12 Total Change in Book Value (8+9-10+11)						
FR125758883	ORINDA	CA		11/04/2016		1,251,041							6,755	6,755			
FR125758941	MORAGA	CA		12/02/2016		931,645							4,989	4,989			
FR125760210	VALLEY VILLAGE	CA		11/18/2016		859,557							4,584	4,584			
FR125762810	MILL VALLEY	CA		11/04/2016		991,134							5,284	5,284			
FR125763826	BOSTON	MA		11/04/2016		649,548							3,463	3,463			
FR125764253	PALO ALTO	CA		12/02/2016		1,262,158							6,703	6,703			
FR125765219	WELLESLEY	MA		12/22/2016		663,949							3,571	3,571			
FR125765375	SAN FRANCISCO	CA		12/02/2016		698,436							3,707	3,707			
FR125767272	BROOKLINE	MA		12/02/2016		520,250							2,761	2,761			
FR125767314	LEXINGTON	MA		12/02/2016		637,456							3,383	3,383			
FR125768064	SAN FRANCISCO	CA		12/02/2016		665,252							6,883	6,883			
FR125768221	WINCHESTER	MA		12/02/2016		716,266							3,820	3,820			
FR125768239	BOSTON	MA		12/02/2016		588,061							3,136	3,136			
FR125768619	LA CANADA FLINT	CA		12/02/2016		907,270							4,838	4,838			
FR125768932	POUND RIDGE	NY		12/22/2016		673,357							3,578	3,578			
FR125769161	EL CERRITO	CA		12/02/2016		657,332							3,531	3,531			
FR125769815	SAN FRANCISCO	CA		12/02/2016		846,967							4,494	4,494			
FR125769872	LOS ALTOS	CA		12/02/2016		772,823							4,056	4,056			
FR125770821	SAN MATEO	CA		12/02/2016		1,170,944							6,152	6,152			
FR125771639	SAN FRANCISCO	CA		12/02/2016		883,470							4,747	4,747			
FR125771746	SAN FRANCISCO	CA		12/02/2016		2,273,910							12,214	12,214			
FR125772785	CORTE MADERA	CA		12/22/2016		1,267,352							6,807	6,807			
FR125772843	SAN FRANCISCO	CA		12/02/2016		1,012,735							5,440	5,440			
FR125773668	BOSTON	MA		12/02/2016		803,711							4,298	4,298			
FR125774310	SAN FRANCISCO	CA		12/02/2016		748,847							4,035	4,035			
FR125775150	CAMBRIDGE	MA		12/22/2016		1,805,881							13,456	13,456			
FR125776182	OAKLAND	CA		12/22/2016		639,297							3,373	3,373			
FR125778337	SAN RAFAEL	CA		12/22/2016		1,190,574							6,322	6,322			
FR125778618	MELROSE	MA		12/22/2016		561,183							3,772	3,772			
FR125783303	SAN MATEO	CA		12/22/2016		812,472							4,186	4,186			
FR125785795	LAFAYETTE	CA		12/22/2016		765,563							4,031	4,031			
FR125789136	SAN FRANCISCO	CA		12/22/2016		1,317,440							6,984	6,984			
FR125796289	LOS ANGELES	CA		01/20/2017		622,842							3,195	3,195			
FR125799077	CAMBRIDGE	MA		12/22/2016		649,941							3,344	3,344			
FR125806799	SAN FRANCISCO	CA		12/22/2016		1,226,389							6,112	6,112			
FR125819057	REDWOOD CITY	CA		02/17/2017		695,973							11,840	11,840			
FR125819842	BURLINGAME	CA		02/03/2017		858,844							4,055	4,055			
FR125835566	LOS ANGELES	CA		06/08/2017		907,208							13,242	13,242			
FR125875240	SAN FRANCISCO	CA		06/08/2017		754,298							3,575	3,575			
FR125941489	BERKELEY	CA		09/15/2017		866,219							4,211	4,211			
FR225706346	WATER MILL	NY		10/21/2016		1,906,435							10,472	10,472			
PH5041132977	SANIBEL	FL		05/08/2015		1,247,415							6,906	6,906			
PH7118499545	SAN JOSE	CA		09/12/2014		411,299							2,156	2,156			
PH7118499743	SOUTH SAN FRANCISCO	CA		08/28/2014		475,655							2,553	2,553			
PH7118500128	MORGAN HILL	CA		08/28/2014		635,615							4,713	4,713			
PH7118585004	HARVARD	MA		10/10/2014		492,555							2,627	2,627			
PH7118593339	GROTON	MA		12/29/2014		466,496							2,501	2,501			
PH7118595441	ACTON	MA		12/29/2014		431,843							2,337	2,337			
PH7118598668	BLAINE	MINN		01/29/2015		784,217							4,368	4,368			
PH7118674535	SAN FRANCISCO	CA		01/16/2015		626,084							3,528	3,528			
PH7118677595	MINNETONKA	MINN		02/26/2015		593,341							5,156	5,156			
PH7118682280	MINNEAPOLIS	MINN		04/24/2015		902,457							4,820	4,820			
PH7118686513	NORTH SALT LAKE	UT		05/08/2015		439,624							2,412	2,412			
PH7118770002	LIVERMORE	CA		06/19/2015		437,868							2,646	2,646			
PH7118774939	HEALDSBURG	CA		06/19/2015		604,803							3,190	3,190			
PH7118778682	LAFAYETTE	CA		07/24/2015		931,359							4,785	4,785			
PH7118858740	DOINERS GROVE	IL		07/24/2015		420,762							2,212	2,212			
PH7118861454	MINNETONKA	MINN		09/18/2015		394,147							2,119	2,119			
PH7118861462	NAPERVILLE	IL		09/18/2015		564,549							3,431	3,431			
PH7118864581	HALF MOON BAY	CA		08/07/2015		816,740							4,090	4,090			

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	2 City	3 State					8 Unrealized Valuation Increase (Decrease)	9 Current Year's (Amortization) /Accretion	10 Current Year's Other Than Temporary Impairment Recognized	11 Capitalized Deferred Interest and Other	12 Total Change in Book Value (8+9-10+11)						
PH7118865497	MORAGA	CA		09/18/2015		1,070,675							5,254	5,254			
PH7118865950	SAN MATEO	CA		08/21/2015		955,725							4,691	4,691			
PH7118866214	GILROY	CA		09/18/2015		650,053							3,190	3,190			
PH7118927438	BELMONT	CA		08/01/2014		749,242							4,168	4,168			
PH7118930622	SAN FRANCISCO	CA		08/15/2014		830,389							4,462	4,462			
PH7118930648	EL GRANADA	CA		08/15/2014		889,728							4,756	4,756			
PH7118931331	FAIRFAX	VA		09/26/2014		533,009							2,903	2,903			
PH7118932727	CORONA	CA		08/28/2014		474,719							2,503	2,503			
PH7118932958	MORGAN HILL	CA		08/28/2014		569,706							8,879	8,879			
PH7118953657	POTOMAC	MD		01/28/2016		974,828							4,881	4,881			
PH7118959878	MENLO PARK	CA		12/11/2015		1,301,218							6,552	6,552			
PH7119015258	NORTHBOROUGH	MA		10/24/2014		398,788							6,322	6,322			
PH7119108160	HEBER CITY	UT		01/29/2015		485,331							2,599	2,599			
PH7119108293	LAKE BLUFF	IL		01/29/2015		728,081							3,955	3,955			
PH7119108798	SCITUATE	MA		12/29/2014		485,378							2,637	2,637			
PH7119108947	MAPLETON	UT		01/16/2015		563,328							3,100	3,100			
PH7119109242	BELMONT	CA		01/29/2015		744,414							3,937	3,937			
PH7119111347	CALABASAS	CA		03/13/2015		963,145							19,962	19,962			
PH7119117104	PRINCETON	MA		05/08/2015		699,117							4,245	4,245			
PH7119119142	BEDFORD	NH		04/10/2015		551,343							3,007	3,007			
PH7119119472	LOS GATOS	CA		04/24/2015		961,803							5,111	5,111			
PH7119120116	BURBANK	CA		05/08/2015		761,641							3,971	3,971			
PH7119120272	MONTE SERENO	CA		05/08/2015		1,093,838							6,902	6,902			
PH7119120488	SAN BRUNO	CA		03/27/2015		646,000							4,843	4,843			
PH7119123763	SAN JOSE	CA		05/22/2015		574,786							3,213	3,213			
PH7119129091	SAN FRANCISCO	CA		05/22/2015		638,478							3,502	3,502			
PH7119133564	LA JOLLA	CA		09/18/2015		542,512							9,233	9,233			
PH7119213556	CAMPBELL	CA		07/24/2015		985,816							5,058	5,058			
PH7119213721	FALLS CHURCH	VA		08/21/2015		799,428							4,101	4,101			
PH7119217458	PASADENA	CA		07/24/2015		916,826							8,057	8,057			
PH7119218225	MOUNTAIN VIEW	CA		08/21/2015		754,452							3,875	3,875			
PH7119296940	DOWNERS GROVE	IL		08/21/2015		420,690							2,337	2,337			
PH7119298664	CARMEL VALLEY	CA		10/16/2015		918,212							4,621	4,621			
PH7119300320	HIGHLAND	UT		10/29/2015		542,445							2,744	2,744			
PH7119305063	ANNAPOLIS	MD		12/11/2015		725,714							3,574	3,574			
PH7129144932	CERRITOS	CA		11/21/2014		677,599							3,626	3,626			
PH7130350924	NATICK	MA		08/01/2014		496,462							2,638	2,638			
PH7130881704	FLOWER MOUND	TX		08/01/2014		476,121							2,540	2,540			
PH7130919397	SUMMIT	NJ		08/28/2014		652,185							3,550	3,550			
PH7131120482	SUBURY	MA		08/28/2014		619,425							3,741	3,741			
PH7131164449	WESTFIELD	NJ		07/24/2015		672,566							3,698	3,698			
PH7131166543	COHASSET	MA		09/12/2014		686,585							3,951	3,951			
PH7131263332	CLARKSVILLE	MD		08/01/2014		494,283							2,666	2,666			
PH7131264066	HOUSTON	TX		08/01/2014		517,718							12,735	12,735			
PH7131272168	SHREWSBURY	MA		10/24/2014		567,251							4,239	4,239			
PH7131356037	SIERRA MADRE	CA		09/12/2014		642,427							3,488	3,488			
PH7131390259	SEVERNA PARK	MD		08/15/2014		566,652							3,199	3,199			
PH7131394289	JACKSONVILLE BEACH	FL		02/26/2015		409,965							2,267	2,267			
PH7131399508	LANTANA	FL		08/15/2014		414,832							33,404	33,404			
PH7131399961	STOW	MA		08/15/2014		545,348							3,014	3,014			
PH7131431731	SOUTHLAKE	TX		09/12/2014		643,785							3,534	3,534			
PH7131433901	WEXFORD	PA		08/28/2014		507,306							2,908	2,908			
PH7131436292	MILL CREEK	WA		08/15/2014		493,434							2,805	2,805			
PH7131436474	SAN DIEGO	CA		09/12/2014		524,235							3,836	3,836			
PH7131438264	PALMETTO BAY	FL		08/28/2014		492,138							2,746	2,746			
PH7131474939	ORANGE	CA		08/28/2014		660,795							3,564	3,564			
PH7131481744	FISHERS	IN		08/28/2014		432,862							2,485	2,485			
PH7131515848	KILDEER	IL		09/12/2014		590,373							3,247	3,247			
PH7131534724	OAKDALE	CA		08/15/2014		425,155							3,001	3,001			
PH7131573060	KERNERSVILLE	NC		08/28/2014		460,197							2,559	2,559			

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SCHEDULE B - PART 3

Showing All Mortgage Loans DISPOSED, Transferred or Repaid During the Current Quarter

1 Loan Number	2 Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/ Recorded Investment Excluding Accrued Interest Prior Year	8 Change in Book Value/Recorded Investment					14 Book Value/ Recorded Investment Excluding Accrued Interest on Disposal	15 Consid-eration	16 Foreign Exchange Gain (Loss) on Disposal	17 Realized Gain (Loss) on Disposal	18 Total Gain (Loss) on Disposal
	2 City	3 State					8 Unrealized Valuation Increase (Decrease)	9 Current Year's (Amortization) /Accretion	10 Current Year's Other Than Temporary Impairment Recognized	11 Capitalized Deferred Interest and Other	12 Total Change in Book Value (8+9-10+11)						13 Total Foreign Exchange Change in Book Value
PH7 131574175	WESLEY CHAPEL	FL		09/26/2014		462,599							2,510	2,510		
PH7 131574340	LARCHMONT	NY		09/26/2014		667,389							3,604	3,604		
PH7 131590437	MARVIN	NC		09/12/2014		509,207							2,810	2,810		
PH7 131592391	WOODINVILLE	WA		09/12/2014		539,743							2,951	2,951		
PH7 131592649	HEATH	TX		12/12/2014		514,354							2,769	2,769		
PH7 131648391	NEEDHAM	MA		09/26/2014		468,596							2,500	2,500		
PH7 131649415	OLD BROOKVILLE	NY		09/26/2014		963,354							5,229	5,229		
PH7 131649621	DALLAS	TX		08/28/2014		465,628							6,595	6,595		
PH7 131649795	DOWNINGTOWN	PA		10/10/2014		623,198							3,369	3,369		
PH7 131689379	CARY	NC		08/28/2014		420,316							2,732	2,732		
PH7 131692662	LA JOLLA	CA		09/26/2014		611,538							3,208	3,208		
PH7 131731312	PARK CITY	UT		09/26/2014		590,384							3,208	3,208		
PH7 131736733	MAHWAH	NJ		06/19/2015		653,092							3,759	3,759		
PH7 131777562	ANNAPOLIS	MD		10/10/2014		508,754							2,728	2,728		
PH7 131845898	SAN JOSE	CA		10/24/2014		450,074							2,367	2,367		
PH7 131846680	EVERGREEN	CO		09/26/2014		651,174							3,477	3,477		
PH7 131847589	MORGANVILLE	NJ		10/24/2014		532,334							3,765	3,765		
PH7 131884665	PHILADELPHIA	PA		10/10/2014		441,018							2,398	2,398		
PH7 131885449	SAMMAMISH	WA		10/24/2014		767,305							4,150	4,150		
PH7 131887809	LITTLE SILVER	NJ		10/24/2014		892,766							4,787	4,787		
PH7 131892015	MIDLAND	TX		11/07/2014		500,960							2,708	2,708		
PH7 131926664	SAN JOSE	CA		12/12/2014		466,991							2,457	2,457		
PH7 131930617	SALEM	NH		10/10/2014		414,726							3,094	3,094		
PH7 131930971	PHILADELPHIA	PA		10/24/2014		421,877							2,279	2,279		
PH7 131984614	WESTBOROUGH	MA		10/24/2014		518,792							2,830	2,830		
PH7 132211116	DENVER	CO		06/19/2015		449,906							2,420	2,420		
PH7 132237574	WESTFORD	MA		10/24/2014		487,474							1,946	1,946		
PH7 132279568	SOUTHLAKE	TX		11/07/2014		1,037,302							5,847	5,847		
PH7 132314662	COLLEYVILLE	TX		11/07/2014		494,064							3,080	3,080		
PH7 132320412	ARLINGTON	VA		11/07/2014		709,181							3,969	3,969		
PH7 132361465	POTOMAC	MD		11/07/2014		766,929							4,288	4,288		
PH7 132364493	COLLEYVILLE	TX		07/24/2015		506,910							2,721	2,721		
PH7 132365243	WESTFIELD	NJ		08/21/2015		978,209							5,243	5,243		
PH7 132397063	ISSAQUAH	WA		11/21/2014		588,377							4,196	4,196		
PH7 132398855	SOUTHBURY	CT		12/29/2014		409,256							2,275	2,275		
PH7 132439873	PITTSBURGH	PA		12/29/2014		450,399							3,334	3,334		
PH7 132441713	RYE BROOK	NY		12/12/2014		743,674							3,973	3,973		
PH7 132479192	BETHESDA	MD		01/16/2015		950,539							6,586	6,586		
PH7 132480190	MADISON	NJ		01/16/2015		746,705							4,057	4,057		
PH7 132481578	SCARSDALE	NY		01/29/2015		862,985							4,700	4,700		
PH7 132483319	KELLER	TX		01/16/2015		824,669							4,290	4,290		
PH7 132517579	SEATTLE	WA		12/29/2014		585,606							3,101	3,101		
PH7 132522348	WESTFIELD	NJ		12/29/2014		662,267							3,886	3,886		
PH7 132525655	MADISON	NJ		05/22/2015		610,411							3,341	3,341		
PH7 132597407	AGOURA HILLS	CA		12/29/2014		573,142							6,417	6,417		
PH7 132604807	DENVER	CO		01/16/2015		457,331							2,458	2,458		
PH7 132658050	WEXFORD	PA		01/16/2015		432,774							4,223	4,223		
PH7 132659025	MUNDELEIN	IL		01/29/2015		459,194							2,644	2,644		
PH7 132693693	GAITHERSBURG	MD		02/13/2015		489,741							2,627	2,627		
PH7 132695144	DALLAS	TX		01/16/2015		422,800							2,348	2,348		
PH7 132697819	GILBERT	AZ		01/16/2015		435,797							2,419	2,419		
PH7 132698023	PHILADELPHIA	PA		02/13/2015		421,414							2,970	2,970		
PH7 132698379	PHILADELPHIA	PA		01/16/2015		398,929							2,535	2,535		
PH7 132732392	CHESTER	NJ		01/16/2015		609,830							3,366	3,366		
PH7 132732681	BEDFORD	NY		01/29/2015		515,989							2,820	2,820		
PH7 132735106	CONROE	TX		03/13/2015		429,316							2,403	2,403		
PH7 132735130	WASHINGTON	DC		01/16/2015		673,250							3,703	3,703		
PH7 132773750	SAN JOSE	CA		01/16/2015		539,939							2,861	2,861		
PH7 132833976	PELHAM	NY		02/13/2015		622,888							3,330	3,330		
PH7 132834222	SPRING	TX		02/13/2015		454,864							2,609	2,609		

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1	Location		4	5	6	7	Change in Book Value/Recorded Investment					14	15	16	17	18	
	2	3					8	9	10	11	12						13
Loan Number	City	State	Loan Type	Date Acquired	Disposal Date	Book Value/Recorded Investment Excluding Accrued Interest Prior Year	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) /Accretion	Current Year's Other Than Temporary Impairment Recognized	Capitalized Deferred Interest and Other	Total Change in Book Value (8+9-10+11)	Total Foreign Exchange Change in Book Value	Book Value/Recorded Investment Excluding Accrued Interest on Disposal	Consid-eration	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal
PH7132846259	NAPERVILLE	IL		04/10/2015		489,969							2,683	2,683			
PH7132935227	CAMAS	WA		03/27/2015		445,354							2,383	2,383			
PH7132967345	WESTFIELD	NJ		03/27/2015		607,751							3,436	3,436			
PH7132968541	COLUMBUS	OH		02/26/2015		441,800							2,712	2,712			
PH7132976726	GLENSIDE	PA		05/08/2015		674,230							3,636	3,636			
PH7133008628	SCOTCH PLAINS	NJ		04/10/2015		709,028							98,835	98,835			
PH7133026380	QUEEN CREEK	AZ		02/26/2015		420,478							2,317	2,317			
PH7133027941	SHREWSBURY	MA		06/05/2015		423,586							2,764	2,764			
PH7133029764	ATLANTIC HIGHLANDS	NJ		08/07/2015		424,113							2,441	2,441			
PH7133070008	DALLAS	TX		03/27/2015		448,268							2,406	2,406			
PH7133124458	SOUTH LYON	MI		04/24/2015		518,090							2,987	2,987			
PH7133126412	MCKINNEY	TX		04/10/2015		458,874							2,678	2,678			
PH7133128608	NATICK	MA		05/08/2015		520,784							2,859	2,859			
PH7133166889	MONTVILLE	NJ		07/24/2015		726,431							3,925	3,925			
PH7133170196	UPTON	MA		04/24/2015		439,878							2,794	2,794			
PH7133196597	VILLA PARK	CA		06/19/2015		532,066							9,970	9,970			
PH7133197967	MAPLEWOOD	NJ		05/22/2015		547,587							3,083	3,083			
PH7133201017	CORONA	CA		09/18/2015		559,378							2,980	2,980			
PH7133201116	WESTFIELD	NJ		04/24/2015		637,978							3,401	3,401			
PH7133232087	BRYN MAWR	PA		06/19/2015		503,863							9,485	9,485			
PH7133299334	MERCER ISLAND	WA		04/24/2015		986,504							5,431	5,431			
PH7133299482	HOLLIS HILLS	NY		05/22/2015		782,441							4,300	4,300			
PH7133300769	FRISCO	TX		09/18/2015		498,448							2,594	2,594			
PH7133300991	NICEVILLE	FL		07/24/2015		442,447							2,488	2,488			
PH7133303037	NAPERVILLE	IL		08/21/2015		454,423							2,445	2,445			
PH7133305354	SEATTLE	WA		05/08/2015		809,026							4,615	4,615			
PH7133305800	SCOTTSDALE	AZ		04/24/2015		491,733							2,761	2,761			
PH7133338314	SAN DIEGO	CA		10/29/2015		840,236							4,599	4,599			
PH7133338546	MANCHESTER	MA		08/07/2015		582,963							3,293	3,293			
PH7133340690	AUSTIN	TX		06/05/2015		716,385							3,851	3,851			
PH7133340716	TUCSON	AZ		04/24/2015		429,125							2,469	2,469			
PH7133341524	OAKDALE	CA		05/22/2015		495,989							2,706	2,706			
PH7133343231	WOODINVILLE	WA		04/24/2015		550,696							3,005	3,005			
PH7133365523	PONTE VEDRA BEACH	FL		05/22/2015		578,582							3,199	3,199			
PH7133367032	TUCSON	AZ		06/05/2015		463,234							2,515	2,515			
PH7133421086	HOUSTON	TX		06/05/2015		856,871							4,718	4,718			
PH7133423496	WALL TOWNSHIP	NJ		07/24/2015		700,376							3,753	3,753			
PH7133425574	SUMMIT	NJ		05/22/2015		866,286							4,669	4,669			
PH7133461942	CRANBURY	NJ		02/12/2016		649,654							3,241	3,241			
PH7133467899	BELLAIRE	TX		05/22/2015		701,179							3,798	3,798			
PH7133508072	SAN DIEGO	CA		07/10/2015		451,625							2,391	2,391			
PH7133510508	WAYZATA	MIN		07/10/2015		570,467							4,112	4,112			
PH7133512777	DAVIS	CA		07/10/2015		512,433							2,821	2,821			
PH7133513403	SAN DIEGO	CA		08/07/2015		568,956							2,919	2,919			
PH7133513825	LOS ALAMITOS	CA		10/29/2015		656,941							3,409	3,409			
PH7133548417	CARY	NC		06/19/2015		393,254							2,210	2,210			
PH7133549670	MONCLAIR	NJ		06/19/2015		474,328							2,582	2,582			
PH7133701008	CHAGRIN FALLS	OH		07/10/2015		447,840							4,085	4,085			
PH7133701495	ACTON	MA		09/18/2015		636,083							3,279	3,279			
PH7133704077	NAPLES	FL		01/15/2016		614,667							3,260	3,260			
PH7133705280	SYOSSET	NY		10/16/2015		609,943							4,812	4,812			
PH7133737564	CARLISLE	PA		07/10/2015		461,476							2,651	2,651			
PH7133739461	MILLBRAE	CA		07/10/2015		1,190,293							36,009	36,009			
PH7133740048	CHANDLER	AZ		06/19/2015		461,822							8,994	8,994			
PH7133740170	GLEN ROCK	NJ		07/24/2015		628,692							3,403	3,403			
PH7133741137	MEDFORD	NJ		08/21/2015		442,398							2,321	2,321			
PH7133780184	MOORESTOWN	NJ		08/21/2015		458,120							2,484	2,484			
PH7133784905	FORT WORTH	TX		06/19/2015		399,266							4,602	4,602			
PH7133785928	WESTFIELD	NJ		08/21/2015		508,012							2,679	2,679			
PH7133788401	SPRING	TX		06/05/2015		607,031							3,272	3,272			

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1 Loan Number	2 Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/ Recorded Investment Excluding Accrued Interest Prior Year	Change in Book Value/Recorded Investment						14 Book Value/ Recorded Investment Excluding Accrued Interest on Disposal	15 Consid- eration	16 Foreign Exchange Gain (Loss) on Disposal	17 Realized Gain (Loss) on Disposal	18 Total Gain (Loss) on Disposal
	2 City	3 State					8 Unrealized Valuation Increase (Decrease)	9 Current Year's (Amortization) /Accretion	10 Current Year's Other Than Temporary Impairment Recognized	11 Capitalized Deferred Interest and Other	12 Total Change in Book Value (8+9-10+11)	13 Total Foreign Exchange Change in Book Value					
PH7134723019	WESTPORT	CT		12/23/2015		836,451							4,555	4,555			
PH7134723191	HOWELL	MI		12/11/2015		461,296							3,429	3,429			
PH7134723431	PARKER	CO		10/29/2015		446,439							2,342	2,342			
PH7134796304	ALEXANDRIA	VA		12/11/2015		585,859							2,981	2,981			
PH7134797963	HIGHLANDS RANCH	CO		10/29/2015		417,734							2,266	2,266			
PH7134800122	WESTFIELD	NJ		12/11/2015		507,735							2,634	2,634			
PH7134805360	WESTFORD	MA		03/11/2016		563,383							2,897	2,897			
PH7134840003	TAMPA	FL		10/29/2015		542,769						(4,894)	(4,894)				
PH7134840169	ARLINGTON	VA		10/16/2015		678,802							36,607	36,607			
PH7134842876	ARLINGTON	VA		11/13/2015		535,891							3,203	3,203			
PH7134844278	HALF MOON BAY	CA		01/28/2016		476,574							8,642	8,642			
PH7134891295	MCKINNEY	TX		10/16/2015		426,781							3,533	3,533			
PH7134949747	DENVER	CO		12/11/2015		458,529							4,249	4,249			
PH7134951453	WOODCLIFF LAKE	NJ		12/11/2015		605,531							3,070	3,070			
PH7134953244	MALVERN	PA		12/11/2015		510,500							2,684	2,684			
PH7134999361	RAYNHAM	MA		02/12/2016		428,342							2,151	2,151			
PH7135019193	ARLINGTON	VA		01/15/2016		897,917							4,765	4,765			
PH7135056070	TRAFFORD	PA		04/22/2016		545,601							3,815	3,815			
PH7135074651	HOCKLEY	TX		03/25/2016		434,700							3,907	3,907			
PH7135083538	LAFAYETTE	CO		01/15/2016		415,950							2,628	2,628			
PH7135132293	TUCSON	AZ		01/15/2016		721,248							3,893	3,893			
PH7135211105	PLEASANTON	CA		12/11/2015		723,455							3,946	3,946			
PH7135240666	NAPLES	FL		03/11/2016		464,009							2,448	2,448			
PH7135281728	MOUNT PLEASANT	SC		12/23/2015		453,460							2,376	2,376			
PH7135288749	NEEDHAM	MA		12/23/2015		774,307							4,367	4,367			
PH7135338270	PLANDOME	NY		12/11/2015		949,564							4,953	4,953			
PH7135338999	SCOTTSDALE	AZ		01/15/2016		587,541							3,039	3,039			
PH7135348469	AUSTIN	TX		01/28/2016		598,451							3,001	3,001			
PH7135353089	AURORA	CO		03/25/2016		486,982							2,499	2,499			
PH7135362676	FLEMINGTON	NJ		04/08/2016		610,102							3,126	3,126			
PH7135395585	FAIR HAVEN	NJ		04/08/2016		782,533							4,265	4,265			
PH7135399710	SUMMIT	NJ		01/15/2016		685,964							3,661	3,661			
PH7135406904	CARLSBAD	CA		01/15/2016		906,104							4,799	4,799			
PH7135532245	CLAREMONT	CA		02/12/2016		637,562							3,179	3,179			
PH7135549470	GREENWOOD VILLAGE	CO		01/28/2016		719,973							3,652	3,652			
PH7135556475	RIPON	CA		01/28/2016		605,002							5,308	5,308			
PH7135941057	NEEDHAM	MA		02/12/2016		646,152							4,565	4,565			
PH7136100851	CAMBRIA	CA		04/08/2016		630,375							3,078	3,078			
PH7136101644	MIAMI	FL		02/26/2016		422,884							2,218	2,218			
PH7136104622	TUCSON	AZ		02/12/2016		567,522							3,459	3,459			
PH7136358939	BOCA RATON	FL		03/25/2016		548,247							2,700	2,700			
PH7136393464	ENGLEWOOD	CO		03/25/2016		626,680							3,225	3,225			
PH7136743734	LIVERMORE	CA		04/22/2016		695,832							3,756	3,756			
PH7136885105	MOORESTOWN	NJ		04/08/2016		477,196							2,577	2,577			
0299999 - Mortgages with partial repayments						8,201,031,898							76,958,975	76,958,975			
0599999 - Totals						8,554,552,828		(19,575)				(19,575)	429,318,074	430,460,330			

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE BA - PART 2

Showing Other Long-Term Invested Assets ACQUIRED AND ADDITIONS MADE During the Current Quarter

1 CUSIP Identification	2 Name or Description	3 Location		5 Name of Vendor or General Partner	6 NAIC Designation and Administrative Symbol/Market Indicator	7 Date Originally Acquired	8 Type and Strategy	9 Actual Cost at Time of Acquisition	10 Additional Investment Made After Acquisition	11 Amount of Encumbrances	12 Commitment for Additional Investment	13 Percentage of Ownership
		City	State									
000000-00-0	TZ Parent Holding, LLC	Wilmington	DE	PNC RiverArch Capital		03/27/2018	3		979,279			12.156
000000-00-0	Tailwind Capital Partners II, L.P.	Wilmington	DE	Tailwind Capital Partners		05/15/2015	3		56,218		5,649,485	3.158
000000-00-0	Tailwind Capital Partners III, L.P.	Wilmington	DE	Tailwind Capital Partners		09/27/2018	3		1,672,944		34,145,510	3.370
000000-00-0	Terra Firma Capital Partners III, L.P.	St. Peter Port		Terra Firma		03/27/2007	3		39,954		339,085	1.412
000000-00-0	TorQuest Partners Fund IV, LP	Toronto	CAN	TorQuest Partners		08/31/2016	3		4,006,386		11,728,261	3.240
000000-00-0	Trilantic Capital Partners V	Wilmington	DE	Trilantic Capital Management, LLC		05/01/2013	3		970,307		4,941,252	2.404
000000-00-0	Trinity Hunt Partners IV	Wilmington	DE	Trinity Hunt Partners		11/05/2012	3		68,659		4,540,122	14.244
000000-00-0	Trinity Hunt Partners V, LP	Wilmington	DE	THPV, LP		01/17/2018	3		3,330,348		26,143,491	10.000
000000-00-0	True Wind Capital, L.P.	Wilmington	DE	True Wind Capital Management, LLC		03/10/2017	3		6,123,950		22,489,630	7.407
000000-00-0	Vestar Capital Partners V, L.P.	George Town	CYM	Vestar Capital Partners		12/19/2005	3		2,536		65,407	4.630
000000-00-0	Vestar Capital Partners VII, L.P.	Grand Cayman	CYM	Vestar Capital Partners		04/02/2018	3		189,543		49,374,935	4.800
000000-00-0	WCAS XIII, L.P.	Wilmington	DE	WCAS XIII ASSOCIATES LLC		03/14/2019	3	220,059			29,779,941	0.750
000000-00-0	Warburg Pincus Private Equity XII, L.P.	Wilmington	DE	Warburg Pincus LLC		01/19/2016	3		799,500		10,627,500	0.312
000000-00-0	Wellspring Capital Partners VI, L.P.	Ugland House	CYM	Wellspring Capital Management		04/27/2018	3		2,842,976		35,117,802	2.827
000000-00-0	Welsh, Carson, Anderson, and Stowe XII, L.P.	Wilmington	DE	WCAS XII Associates LLC		08/26/2015	3		712,851		8,921,785	0.951
000000-00-0	White Deer Energy II, L.P.	George Town	CYM	White Deer Energy		03/22/2013	3		862,598		5,202,530	1.797
000000-00-0	White Deer Energy, L.P.	George Town	CYM	White Deer Energy		10/30/2009	3		115,564		14,809,453	12.160
000000-00-0	Wind Point Partners VIII	Wilmington	DE	Wind Point Partners		01/03/2017	3		4,313,763		17,965,067	4.824
1599999. Joint Venture Interests - Common Stock - Unaffiliated									66,468,092	156,421,118	1,482,440,353	XXX
000000-00-0	Infra Alpha, LLC	Wilmington	DE	EMG Investments, LLC		12/21/2010			225,024			100.000
000000-00-0	DWM Inclusive Finance Equity Fund II	Luxembourg	LUX	DWM Funds S.a.r.l.	S.a.r.l.	01/10/2014			4,657,409	4,657,409		44.146
000000-00-0	TIAA Stonepeak Fund I, LLC	Wilmington	DE	Stonepeak Associates, LLC		09/08/2011			295,340		52,938,664	100.000
000000-00-0	EPP LFG I, LLC	Wilmington	DE	Energy Power Partners		11/03/2011			212,276		815,847	49.000
000000-00-0	Liberty M & R SPV II, LP	Wilmington	DE	Energy & Minerals Group		03/12/2010			13,147		(12)	100.000
000000-00-0	TIAA Stonepeak Investments II, LLC	Wilmington	DE	Stonepeak Associates, LLC		09/08/2011			61,383			100.000
000000-00-0	TIAA-CREF Individual & Institutional Services, LLC	New York	NY	TIAA		09/04/1990			48,000,000			100.000
000000-00-0	TIAA Infrastructure Investments, LLC	Wilmington	DE	ACS Infrastructure Development, Inc. / EPP Horizon LFG, LLC / EPP		11/04/2011			482,312		8,664,256	100.000
000000-00-0	TIAA Oil & Gas Investments, LLC	Wilmington	DE	ABARTA Oil & Gas / NGP IX Oklahoma Investment Holdings, LLC / Capistrano Wind Partners, LLC / Triangle Petroleum / Great Western Oil and Gas Company / EMG AE Utica Holdings, LLC		07/11/2011			48,101		20,382,699	100.000
000000-00-0	TIAA SynGas, LLC	Wilmington	DE	AE Investor II LLC / SG Solutions / Catalina Solar Lessee, LLC		03/31/2011			63,789			100.000
000000-00-0	UK PPP Investments LP	London	GBR	TIAA		09/26/2016			100,187		24,909	100.000
000000-00-0	730 Data Centers LLC	Wilmington	DE	TIAA		07/18/2016			7,255,917			100.000
000000-00-0	730 Power Development LLC	Wilmington	DE	CCE Holdings / CVEC LLC		12/24/2014			391,371			100.000
000000-00-0	730 Telecom, LLC	Wilmington	DE	TIAA		10/19/2015			56,182		1,807,315	100.000
000000-00-0	ActOil Colorado, LLC	Wilmington	DE	Great Western Petroleum, LLC		08/02/2013			170,863		100,849,875	100.000
000000-00-0	TIAA Wind Investments LLC	Wilmington	DE	Capistrano Wind Partners, LLC		01/23/2012			224,024			100.000
1699999. Joint Venture Interests - Common Stock - Affiliated									62,257,325	4,657,409	185,483,553	XXX
000000-00-0	Avanath Affordable Housing III, LLC	Wilmington	DE	Avanath Capital Management		04/17/2017			11,602,732		4,701,794	38.462
000000-00-0	Rose Affordable Housing Preservation Fund IV	Dover	DE	Jonathon Rose Companies, LLC		07/12/2016			8,500,000		13,943,941	21.470
000000-00-0	Turner-Agassi Charter School Facilities Fund II	Wilmington	DE	Turner Impact Capital		06/23/2016			225,220		6,643,100	3.185
1799999. Joint Venture Interests - Real Estate - Unaffiliated									20,327,952		25,288,835	XXX
000000-00-0	485 Properties LLC	N/A	DE	TIAA		12/17/1997			23,671			100.000
000000-00-0	730 Texas Timberlands II, Ltd.	Austin	TX	TIAA		10/27/2005			115			100.000
000000-00-0	NRFC Inception IV, LP	Wilmington	DE	Northstar		04/01/2013			51,919			49.000
000000-00-0	THRE US Strategic Industrial Fund	N/A		TH Real Estate U.S. Strategic Industrial Fund I GP, LLC		12/08/2017			1,962		44,683,863	15.645
000000-00-0	Broadleaf Timberland Investments, LLC	Wilmington	DE	TIAA		03/07/2013			128,103			100.000
000000-00-0	TGA NJAHP INVESTOR MEMBER LLC	Wilmington	DE	Hudson Valley Property Group, LLC		03/27/2019		10,445,820			50,683,714	100.000
000000-00-0	U.S. Cities Retail Fund LP	Various		U.S. Cities Retail Fund GP LLC		06/28/2016			717		12,155,759	100.000
000000-00-0	Ceres Agricultural Properties, LLC	Wilmington	DE	Westchester Group Investment Management, Inc.		07/31/2007			22,907			100.000
000000-00-0	TIAA Union Place Phase I LLC	N/A	DE	TIAA		01/18/2007			121,962			100.000
000000-00-0	Mansilla Participacoes LTDA	Sao Paulo	BRA	TIAA		09/03/2008			18,246			100.000
000000-00-0	T-C JK I LLC	N/A	DE	TIAA		01/13/2014			98,851			100.000
000000-00-0	Occator Agricultural Properties, LLC	Wilmington	DE	Teays River Management, LLC / Materra LLC / AGR Partners		04/30/2009			7,975,978		7,729,903	100.000

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE BA - PART 2

Showing Other Long-Term Invested Assets ACQUIRED AND ADDITIONS MADE During the Current Quarter

1 CUSIP Identification	2 Name or Description	Location		5 Name of Vendor or General Partner	6 NAIC Designation and Admini- strative Symbol/ Market Indicator	7 Date Originally Acquired	8 Type and Strategy	9 Actual Cost at Time of Acquisition	10 Additional Investment Made After Acquisition	11 Amount of Encumbrances	12 Commitment for Additional Investment	13 Percentage of Ownership
		3 City	4 State									
000000-00-0	T-C JK II LLC	N/A	DE	TIAA		01/13/2014		94,975				100.000
000000-00-0	TIAA Global Ag Holdco, LLC	Wilmington	DE	TIAA-CREF Alternative Advisors, LLC		06/03/2011		7,331,742			114,380,258	100.000
000000-00-0	T-C Australia RE Holdings I, LLC	N/A	DE	TIAA		04/29/2016		1,333				100.000
000000-00-0	TEFF Holdco LLC	Wilmington	DE	TIAA-CREF Alternative Advisors, LLC		07/29/2016					45,784,396	100.000
000000-00-0	T-C Mt. Omaney Centre Holding Company LLC	N/A	DE	TIAA		09/26/2014		762				100.000
000000-00-0	TIAA GTR HoldCo LLC	Wilmington	DE	TIAA		12/17/2013					98,850,000	100.000
000000-00-0	T-C Europe LP	N/A	DE	TIAA		11/18/2014		171,266				100.000
000000-00-0	Lewis & Clark Timberlands, LP	Wilmington	DE	L&C Special Member Holdco, LLC		07/01/2015		9,435				57.430
	T-C UK RE Holdings I LLC	N/A	DE	TIAA		06/17/2016		3,184				100.000
	T-C Waterford Blue Lagoon GP LLC	N/A	DE	TIAA		10/08/2015		1,375				100.000
	T-C Waterford Blue Lagoon LLC	N/A	DE	TIAA		10/08/2015		68,734				100.000
	TGA Montrose Residences Member LLC	N/A	DE	TIAA		08/03/2016		8,941,459			22,706,166	100.000
	TGA Japan Holdings, LLC	N/A	DE	TIAA		08/10/2016		1,054				100.000
	TIAA Realty LLC	N/A	DE	TIAA		01/01/2013		1,728,873				100.000
	T-C 400 Montgomery LLC	N/A	DE	TIAA		08/03/2016		392,787				100.000
	TGA Montague Investor Member LLC	N/A	DE	TIAA		10/21/2016		466,077				100.000
	TGA FC Investor Member LLC	N/A	DE	TIAA		10/12/2016		6,708,493			12,307,171	100.000
	TGA APAC Fund Holdings LLC	N/A	DE	TIAA		07/20/2017		606,931				100.000
	CASA Student Housing Fund Holdings LLC	N/A	DE	TIAA		10/08/2014		330,896				100.000
	TGA Connection at Athens Investor Member LLC	N/A	DE	TIAA		06/04/2018		66,116				100.000
	TGA SP-MPC Housing Investor Member LLC	N/A	DE	TIAA		09/26/2018		131,226			64,152,826	100.000
	TGA MS Self Storage Investor Member LLC	N/A	DE	TIAA		09/14/2018		261,128				100.000
	TGA European RE Holdings I LLC	N/A	DE	TIAA		12/11/2018		135,926			36,594,478	100.000
	T-C GA Real Estate Holdings LLC	N/A	DE	TIAA		07/27/2011		4,409,170				100.000
1899999	Joint Venture Interests - Real Estate - Affiliated							10,445,820	40,307,373		510,028,534	XXX
000000-00-0	Impact Community Capital LLC	Wilmington	DE	Impact Community Capital	3	03/19/1998		40,127			1,524,535	15.520
000000-00-0	PCCP Credit IX, LP	Dover	DE	PCCP		07/17/2017		4,800,000			66,160,000	10.000
000000-00-0	PCCP Credit VI, LP	Wilmington	DE	PCCP	3	06/30/2015		3,299,786			21,207,635	20.000
1999999	Joint Venture Interests - Mortgage Loans - Unaffiliated							8,139,913	22,093,000		88,892,170	XXX
000000-00-0	U.S. Core-Plus Real Estate Debt Fund LP	Various		CRED GP LLC		06/01/2018		22,093,000			183,237,000	46.819
000000-00-0	Primary Residential Individual Mortgage Entity Trust	Wilmington	DE	Teachers Advisors, Inc.		11/17/2016		508,949				100.000
2099999	Joint Venture Interests - Mortgage Loans - Affiliated							22,601,949	600,630		183,237,000	XXX
000000-00-0	Bison Capital Partners IV, L.P.	Wilmington	DE	Bison Capital Asset Management, LLC		04/25/2012	2		3,294,674			13.720
000000-00-0	Cyprum Investors IV, L.P.	Wilmington	DE	Cyprum Investment Partners, LLC		12/30/2013	2		7,549,729			8.000
000000-00-0	Falcon Strategic Partners IV, L.P.	Wilmington	DE	Falcon Investment Advisors, LLC		12/17/2012	2		7,389,012			4.397
000000-00-0	Fortress Credit Opportunities Fund II, LP	Wilmington	DE	Fortress Credit Opportunities Advisors LLC		08/04/2010		33,050	3,001,402			1.449
000000-00-0	Pinnacle IV, L.P.	Wilmington	DE	Pinnacle Ventures		05/26/2015	1		1,656,645			23.904
000000-00-0	Prudential Capital Partners IV, L.P.	Wilmington	DE	Prudential Investment Management, Inc		12/20/2012	2		1,522,355			3.478
000000-00-0	Royalty Opportunities S.ar.l	Luxembourg	LUX	OrbiMed Advisors		08/30/2011	1		68,762			2.493
000000-00-0	Summit Partners Credit Fund II, L.P.	Wilmington	DE	Summit Partners		11/04/2014	2		8,576,052			4.912
000000-00-0	Upfront Ventures III (GPP)	Wilmington	DE	GPP Partners		03/18/2008	1		12,110,000			10.012
2199999	Joint Venture Interests - Other - Unaffiliated							7,896,469	57,071		45,099,869	XXX
000000-00-0	TIAA-CREF Asset Management Distressed Opportunities Fund, LP	Wilmington	DE	TCAM DOF GP, LLC		01/28/2009			8,712,033			50.000
000000-00-0	Pinnacle Third Avenue, LP	Wilmington	DE	Pinnacle Ventures		07/11/2008	1		9,009,181			41.992
87216*-10-7	TIAA OMS I, LLC	Wilmington	DE	TIAA		06/30/2001		2,071				100.000
000000-00-0	TGAM Agribusiness Fund LP	Wilmington	DE	TGAM Agribusiness Fund GP, LLC		03/31/2016			84,790,021			97.415
2299999	Joint Venture Interests - Other - Affiliated							1,500,000	57,071		102,511,235	XXX
000000-00-0	TIAA Charitable, Inc	Wilmington	DE	TIAA		10/30/2014			6,500,000			0.000
2799999	Non-collateral Loans - Unaffiliated							1,500,000	57,071		6,500,000	XXX
4499999	Total - Unaffiliated							66,468,092	194,285,452		1,648,221,227	XXX
4599999	Total - Affiliated							10,445,820	154,328,249	4,657,409	981,260,322	XXX
4699999	Totals							76,913,912	348,613,701	4,657,409	2,629,481,549	XXX

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE BA - PART 3

Showing Other Long-Term Invested Assets DISPOSED, Transferred or Repaid During the Current Quarter

1 CUSIP Identification	2 Name or Description	3 Location		5 Name of Purchaser or Nature of Disposal	6 Date Originally Acquired	7 Disposal Date	8 Book/ Adjusted Carrying Value Less Encumbrances, Prior Year	9 Change in Book/Adjusted Carrying Value						15 Book/ Adjusted Carrying Value Less Encumbrances on Disposal	16 Consid-eration	17 Foreign Exchange Gain (Loss) on Disposal	18 Realized Gain (Loss) on Disposal	19 Total Gain (Loss) on Disposal	20 Invest-ment Income
		3 City	4 State					9 Unrealized Valuation Increase (De-crease)	10 Current Year's (Depre-ciation) or (Amorti-zation)/ Accretion	11 Current Year's Other Than Temporary Impair-ment Recog-nized	12 Capital-ized Deferred Interest and Other	13 Total Change in Book/ Adjusted Carrying Value (9+10-11+12)	14 Total Foreign Exchange Change in Book/ Adjusted Carrying Value						
000000-00-0	Global Real Estate Debt Partners - Fund I (UK) SCSp-SIF	Luxembourg	LUX	Fund Distribution	03/30/2015	01/28/2019	1,252,011						63,920	1,315,931	1,252,011	(63,920)		(63,920)	
000000-00-0	Global Real Estate Debt Partners - Fund II Primary Residential Individual Mortgage Entity Trust	Luxembourg	LUX	Fund Distribution	01/25/2018	01/29/2019	134,821						734	135,554	134,821	(734)		(734)	
000000-00-0	Entity Trust	Wilmington	DE	Fund Distribution	11/17/2016	03/25/2019	17,641,050						17,641,050	17,641,050	17,641,050				
2099999. Joint Venture Interests - Mortgage Loans - Affiliated								19,027,882					64,654	19,092,535	19,027,882	(64,654)		(64,654)	
000000-00-0	Atlas Capital Resources, L.P.	Wilmington	DE	Fund Distribution	02/22/2010	03/28/2019	(2,029,217)						(2,029,217)	(2,029,217)					
000000-00-0	Benefit Street Partners Debt Fund IV, LP	Wilmington	DE	Fund Distribution	03/27/2017	03/20/2019	90,572						90,572	90,572					
000000-00-0	Bison Capital Partners IV, L.P.	Wilmington	DE	Fund Distribution	04/25/2012	03/28/2019	(381,403)						(381,403)	(381,403)					
000000-00-0	Castlelake II Opportunities, L.P.	Wilmington	DE	Fund Distribution	09/08/2011	01/31/2019	45,356						45,356	45,356					
000000-00-0	Castlelake II, L.P.	Wilmington	DE	Fund Distribution	09/08/2011	01/31/2019	254,874						254,874	254,874					
000000-00-0	Clearwater Capital Partners Fund IV, L.P.	George Town	CYM	Fund Distribution	12/29/2011	01/10/2019	1,031,298						1,031,298	1,031,298					
000000-00-0	FMMA (RES. DUE 4/25/20)	District of Columbia	DC	Fund Distribution	12/31/1990	03/07/2019	1,684						1,684	1,684					
000000-00-0	Falcon Strategic Partners IV, L.P.	Wilmington	DE	Fund Distribution	12/17/2012	03/28/2019	2,061,382						2,061,382	2,061,382					
000000-00-0	Fortress Credit Opportunities Fund II, LP	Wilmington	DE	Fund Distribution	08/04/2010	02/07/2019	348,668						348,668	348,668					
000000-00-0	Lexington Capital Partners V, L.P.	Wilmington	DE	Fund Distribution	11/12/2002	03/28/2019	44,431						44,431	44,431					
000000-00-0	Lexington Capital Partners VI, LP	Wilmington	DE	Fund Distribution	12/28/2005	03/28/2019	(23,672)						(23,672)	(23,672)					
000000-00-0	NXT Capital Senior Loan Fund II, LP	George Town	CYM	Fund Distribution	08/12/2013	02/14/2019	1,410,035						1,410,035	1,410,035					
000000-00-0	Plexus Fund III, LP	Wilmington	DE	Fund Distribution	09/17/2013	03/08/2019	(899,983)						(899,983)	(899,983)					
000000-00-0	Providence Debt Fund III	Wilmington	DE	Fund Distribution	01/31/2014	01/31/2019	1,338,320						1,338,320	1,338,320					
000000-00-0	Prudential Capital Partners IV, L.P.	Wilmington	DE	Fund Distribution	12/20/2012	03/29/2019	1,048,808						1,048,808	1,048,808					
000000-00-0	Resilience Fund III, L.P.	Wilmington	DE	Fund Distribution	06/17/2011	03/04/2019	2,229,213						2,229,213	2,229,213					
000000-00-0	Royalty Opportunities S.ar.l	Luxembourg	LUX	Fund Distribution	08/30/2011	03/27/2019	193,415						193,415	193,415					
000000-00-0	Summit Partners Credit Fund II, L.P.	Wilmington	DE	Fund Distribution	11/04/2014	03/29/2019	1,146,793						1,146,793	1,146,793					
000000-00-0	Summit Partners Credit Fund, L.P.	Wilmington	DE	Fund Distribution	07/27/2011	03/28/2019	783,233						783,233	783,233					
000000-00-0	TCL Aventura, L.P.	Wilmington	DE	Fund Distribution	10/25/2011	02/27/2019	(1,289,799)						(1,289,799)	(1,289,799)					
2199999. Joint Venture Interests - Other - Unaffiliated								7,404,008					7,404,008	7,404,008					
000000-00-0	TIAA-CREF Asset Management Distressed Opportunities Fund, LP	Wilmington	DE	Fund Distribution	01/28/2009	03/20/2019	2,247,044						2,247,044	2,247,044					
000000-00-0	Churchill Middle Market Senior Loan Fund, LP	Wilmington	DE	Fund Distribution	07/21/2016	02/15/2019	506,619						506,619	506,619					
2299999. Joint Venture Interests - Other - Affiliated								2,753,663					2,753,663	2,753,663					
4499999. Total - Unaffiliated								245,036,608	(2,357,810)			(2,357,810)	3,321,703	246,000,501	244,215,979	(3,321,703)	2,336,975	(984,728)	14,109,085
4599999. Total - Affiliated								121,006,098					64,654	121,070,751	121,006,098	(64,654)		(64,654)	
4699999 - Totals								366,042,706	(2,357,810)			(2,357,810)	3,386,357	367,071,252	365,222,077	(3,386,357)	2,336,975	(1,049,382)	14,109,085

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 3

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

1 CUSIP Identification	2 Description	3 Foreign	4 Date Acquired	5 Name of Vendor	6 Number of Shares of Stock	7 Actual Cost	8 Par Value	9 Paid for Accrued Interest and Dividends	10 NAIC Designation and Admini- strative Symbol/ Market Indicator (a)
3617AC-CN-8	GN BA0077 4.010% 03/15/44		02/25/2019	PRUDENTIAL HUNTOON		6,801,547	6,801,547	20,552	1
3617H1-ZD-2	GN BH4340 4.530% 02/15/46		03/20/2019	WELLS FARGO		3,332,440	3,251,161	10,202	1
3617JF-MA-9	GN BL3053 4.330% 05/15/35		03/18/2019	WELLS FARGO		16,756,146	16,387,429	25,923	1
36196L-LV-1	GN AX8440 3.340% 07/15/44		03/18/2019	WELLS FARGO		18,288,194	18,288,194	37,018	1
38373M-VJ-3	GNR 2007-12 Z CSTR DLY Z SEQ 4.557% 02/16/47		03/01/2019	Interest Capitalization		97,575	97,575		1
38374N-BB-6	GNR 2006-67 Z DLY Z AFC SEQ 5.415% 11/16/46		03/01/2019	Interest Capitalization		260,619	260,619		1
38374N-V7-9	GNR 2006-63 Z Z AFC SEQ 4.665% 10/16/46		03/01/2019	Interest Capitalization		143,850	143,850		1
38375C-M2-3	GNR 2012-71 Z SC Z SEQ 3.500% 01/20/42		03/01/2019	Interest Capitalization		324,775	324,775		1
38375C-M5-6	GNR 2012-71 JZ SC Z SEQ 3.500% 04/16/41		03/01/2019	Interest Capitalization		245,735	245,735		1
38375C-PC-8	GNR 2012-47 ZP Z AD PAC-11 3.500% 04/20/42		03/01/2019	Interest Capitalization		251,360	251,360		1
38375C-RN-2	GNR 2012-48 Z Z SEQ 3.500% 04/20/42		03/01/2019	Interest Capitalization		241,501	241,501		1
38375C-VC-1	GNR 2012-54 VZ Z SEQ 3.500% 04/20/42		03/01/2019	Interest Capitalization		106,215	106,215		1
38375C-VX-5	GNR 2012-43 Z Z SEQ 3.500% 04/20/42		03/01/2019	Interest Capitalization		276,950	276,950		1
38375C-WZ-9	GNR 2012-43 HZ Z PAC-11 3.500% 04/20/42		03/01/2019	Interest Capitalization		110,780	110,780		1
38375C-C6-4	GNR 2012-73 NZ Z AD PAC-1-11 3.500% 06/20/42		03/01/2019	Interest Capitalization		94,949	94,949		1
38375C-CP-9	GNR 2012-94 BZ Z SEQ 3.500% 07/20/42		03/01/2019	Interest Capitalization		327,480	327,480		1
38375C-RK-9	GNR 2012-92 Z SC Z SEQ 3.500% 04/20/42		03/01/2019	Interest Capitalization		237,432	237,432		1
38375J-CK-9	GNR 2006-68 Z Z AFC SEQ 5.454% 05/16/46		03/01/2019	Interest Capitalization		113,742	113,742		1
38375J-KZ-7	GNR 2007-4 Z CSTR Z SEQ 4.337% 01/16/47		03/01/2019	Interest Capitalization		204,870	204,870		1
38376C-ZH-5	GNR 2009-76 BZ Z SUP 5.500% 09/16/39		03/01/2019	Interest Capitalization		102,599	102,599		1
38376F-ZT-2	GNR 2009-74 JZ Z SUP 5.500% 09/20/39		03/01/2019	Interest Capitalization		1,166	1,166		1
38376K-ZC-8	GNR 2009-97 PZ SC Z SEQ 5.000% 08/16/39		03/01/2019	Interest Capitalization		391,690	391,690		1
38376L-TP-4	GNR 2011-80 BZ Z SEQ 3.500% 06/16/41		03/01/2019	Interest Capitalization		144,263	144,263		1
38376P-AK-6	GNR 2009-121 ZA Z AD PAC-1-11 5.000% 12/20/39		03/01/2019	Interest Capitalization		404,674	404,674		1
38376T-DV-1	GNR 2010-2 PZ Z PAC-1 5.000% 01/20/40		03/01/2019	Interest Capitalization		805,094	805,094		1
38376T-KH-4	GNR 2010-3 YZ SC Z SEQ 5.000% 12/20/39		03/01/2019	Interest Capitalization		373,717	373,717		1
38376V-3Z-8	GNR 2010-26 PZ SC Z SEQ 5.000% 01/20/40		03/01/2019	Interest Capitalization		591,599	591,599		1
38376X-NW-9	GNR 2010-29 CZ Z PAC-1-11 5.000% 03/20/40		03/01/2019	Interest Capitalization		208,375	208,375		1
38376X-S7-9	GNR 2010-51 WZ Z PAC-1-11 5.000% 04/20/40		03/01/2019	Interest Capitalization		406,336	406,336		1
38376X-UL-5	GNR 2010-30 PZ Z PAC-1-11 5.000% 03/20/40		03/01/2019	Interest Capitalization		318,137	318,137		1
38376X-VV-2	GNR 2010-30 ZN Z PAC-1-11 5.000% 03/16/40		03/01/2019	Interest Capitalization		316,525	316,525		1
38376Y-VH-8	GNR 2010-43 ZM Z PAC-1-11 5.000% 04/20/40		03/01/2019	Interest Capitalization		403,474	403,474		1
38377G-NK-1	GNR 2010-75 Z Z SEQ 4.000% 06/20/40		03/01/2019	Interest Capitalization		77,697	77,697		1
38377J-P3-1	GNR 2010-111 ZB Z SUP 4.500% 09/16/40		03/01/2019	Interest Capitalization		232,363	232,363		1
38377J-PS-6	GNR 2010-98 VZ Z SEQ 4.500% 08/20/40		03/01/2019	Interest Capitalization		314,635	314,635		1
38377K-A6-7	GNR 2010-112 Z Z SEQ 4.500% 09/16/40		03/01/2019	Interest Capitalization		224,749	224,749		1
38377K-C9-9	GNR 2010-112 TZ SC Z PAC-11 4.500% 07/20/40		03/01/2019	Interest Capitalization		425,976	425,976		1
38377M-AZ-6	GNR 2010-146 ZK SC Z AD SEQ 4.500% 06/20/40		03/01/2019	Interest Capitalization		277,591	277,591		1
38377M-VJ-2	GNR 2010-146 ZC Z PAC-1-11 4.000% 11/16/40		03/01/2019	Interest Capitalization		158,604	158,604		1
38377N-SS-4	GNR 2010-167 AZ Z AD PAC-11 4.250% 12/20/40		03/01/2019	Interest Capitalization		212,086	212,086		1
38377N-T2-0	GNR 2010-164 JZ Z SEQ 4.000% 12/20/40		03/01/2019	Interest Capitalization		109,098	109,098		1
38377N-VD-3	GNR 2010-167 YZ SC Z AD SEQ 4.500% 09/16/40		03/01/2019	Interest Capitalization		133,974	133,974		1
38377Q-YM-3	GNR 2011-46 ZA Z SEQ 4.500% 03/20/41		03/01/2019	Interest Capitalization		350,588	350,588		1
38377R-LJ-2	GNR 2010-160 MZ Z AD PAC-1-11 4.500% 12/20/40		03/01/2019	Interest Capitalization		146,768	146,768		1
38377R-LU-7	GNR 2010-160 ZY Z PAC-11 4.500% 12/20/40		03/01/2019	Interest Capitalization		563,783	563,783		1
38377T-AZ-1	GNR 2011-23 PZ SC Z SEQ 4.500% 01/20/41		03/01/2019	Interest Capitalization		240,810	240,810		1
38377T-B5-9	GNR 2011-19 ZC SC Z SEQ 5.000% 05/20/40		03/01/2019	Interest Capitalization		298,756	298,756		1
38377T-LB-2	GNR 2011-24 Z Z SEQ 3.500% 02/20/41		03/01/2019	Interest Capitalization		115,390	115,390		1
38377U-O9-2	GNR 2011-48 ZB Z SEQ 4.500% 04/20/41		03/01/2019	Interest Capitalization		345,306	345,306		1
38377V-BC-9	GNR 2011-51 AZ Z SEQ 4.500% 04/16/41		03/01/2019	Interest Capitalization		204,718	204,718		1
38377V-CB-0	GNR 2011-51 MZ Z PAC-1-11 4.000% 04/20/41		03/01/2019	Interest Capitalization		202,406	202,406		1
38377V-CP-9	GNR 2011-51 ZD Z AD PAC-1-11 4.000% 04/20/41		03/01/2019	Interest Capitalization		136,273	136,273		1
38377V-PX-8	GNR 2011-61 CZ Z SEQ 4.500% 04/20/41		03/01/2019	Interest Capitalization		313,911	313,911		1
38377V-RH-1	GNR 2011-56 ZL Z SEQ 4.500% 04/16/41		01/01/2019	Interest Capitalization		75,013	75,013		1
38377W-JB-8	GNR 2011-94 Z Z SEQ 4.000% 07/20/41		03/01/2019	Interest Capitalization		142,690	142,690		1
38377X-CB-3	GNR 2011-133 MZ Z SEQ 3.500% 09/16/41		03/01/2019	Interest Capitalization		137,108	137,108		1
38377X-PX-4	GNR 2011-117 ZA SC Z PT 4.500% 04/16/41		03/01/2019	Interest Capitalization		280,404	280,404		1
38378A-5C-1	GNR 2012-8 PZ Z AD PAC-1-11 4.000% 01/20/42		03/01/2019	Interest Capitalization		81,560	81,560		1

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 3

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

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol/ Market Indicator (a)
38378A-R5-2	GNR 2011-160 Z Z SEQ 3.500% 12/20/41		.03/01/2019	Interest Capitalization		230,433	230,433		1
38378A-WZ-0	GNR 2011-157 QZ Z SEQ 3.500% 12/20/41		.03/01/2019	Interest Capitalization		187,546	187,546		1
38378A-X7-1	GNR 2011-158 KZ SC Z SEQ 4.500% 05/20/41		.03/01/2019	Interest Capitalization		399,729	399,729		1
38378A-YX-3	GNR 2011-157 ZC EXCH SC Z PAC-11 4.000% 04/16/41		.03/01/2019	Interest Capitalization		208,765	208,765		1
38378C-3P-0	GNR 2012-26 ZA Z SEQ 3.500% 02/20/42		.03/01/2019	Interest Capitalization		219,967	219,967		1
38378C-CV-7	GNR 2011-169 AZ Z SEQ 3.500% 12/20/41		.03/01/2019	Interest Capitalization		165,147	165,147		1
38378C-E6-0	GNR 2012-3 HZ Z SEQ 3.500% 01/20/42		.03/01/2019	Interest Capitalization		186,347	186,347		1
38378C-LR-6	GNR 2012-13 ZK Z SEQ 3.500% 01/20/42		.03/01/2019	Interest Capitalization		573,591	573,591		1
38378C-NT-0	GNR 2012-7 Z Z SEQ 3.500% 01/20/42		.03/01/2019	Interest Capitalization		273,212	273,212		1
38378C-PL-5	GNR 2012-7 JZ Z SEQ 3.500% 01/20/42		.03/01/2019	Interest Capitalization		144,585	144,585		1
38378C-ZW-0	GNR 2012-5 Z Z SEQ 3.500% 01/20/42		.03/01/2019	Interest Capitalization		670,514	670,514		1
38378D-CV-5	GNR 2012-16 VZ Z SEQ 3.500% 02/20/42		.03/01/2019	Interest Capitalization		1,034,580	1,034,580		1
38378D-DK-8	GNR 2012-16 ZP Z PAC-11 3.500% 02/20/42		.03/01/2019	Interest Capitalization		255,091	255,091		1
38378D-DP-7	GNR 2012-16 ZG SC Z PAC-11 4.000% 09/20/40		.03/01/2019	Interest Capitalization		96,678	96,678		1
38378D-E8-4	GNR 2012-31 ZP Z PAC-11 3.500% 03/20/42		.03/01/2019	Interest Capitalization		124,269	124,269		1
38378D-F6-7	GNR 2012-31 GZ Z SEQ 3.500% 03/20/42		.03/01/2019	Interest Capitalization		200,964	200,964		1
38378D-MD-4	GNR 2012-20 CZ Z SEQ 3.500% 02/20/42		.03/01/2019	Interest Capitalization		446,903	446,903		1
38378E-2M-4	GNR 2012-91 ZD Z SEQ 3.500% 07/20/42		.03/01/2019	Interest Capitalization		133,794	133,794		1
38378E-BG-7	GNR 2012-51 ZM Z SEQ 3.500% 04/16/42		.03/01/2019	Interest Capitalization		171,643	171,643		1
38378E-BU-6	GNR 2012-51 ZQ Z AD PAC-11 3.500% 04/20/42		.03/01/2019	Interest Capitalization		125,724	125,724		1
38378E-JN-4	GNR 2012-65 BZ Z SEQ 3.500% 05/20/42		.03/01/2019	Interest Capitalization		165,687	165,687		1
38378E-TD-5	GNR 2012-68 CZ Z SEQ 3.000% 05/20/42		.03/01/2019	Interest Capitalization		103,260	103,260		1
38378E-ZG-1	GNR 2012-64 ZA Z SEQ 3.500% 05/16/42		.03/01/2019	Interest Capitalization		151,327	151,327		1
38378G-DU-9	GNR 2012-140 ZT SC Z AD SEQ 3.000% 02/20/42		.03/01/2019	Interest Capitalization		125,580	125,580		1
38378G-HR-2	GNR 2012-129 Z Z SEQ 3.000% 11/20/42		.03/01/2019	Interest Capitalization		119,382	119,382		1
38378J-AB-5	GNR 2013-75 ZG Z SEQ 3.000% 05/20/43		.03/01/2019	Interest Capitalization		89,004	89,004		1
38378J-NG-1	GNR 2013-37 ZG Z SEQ 3.000% 03/20/43		.03/01/2019	Interest Capitalization		74,267	74,267		1
38378M-BD-6	GNR 2013-23 ZC Z SEQ 3.000% 02/20/43		.03/01/2019	Interest Capitalization		628,757	628,757		1
38378M-BJ-3	GNR 2013-23 ZU SC Z SEQ 2.500% 11/20/42		.03/01/2019	Interest Capitalization		314,666	314,666		1
38378M-JE-3	GNR 2013-53 Z Z SEQ 3.000% 04/20/43		.03/01/2019	Interest Capitalization		83,550	83,550		1
38378P-2M-9	GNR 2014-4 Z Z SEQ 4.000% 01/20/44		.03/01/2019	Interest Capitalization		134,335	134,335		1
38378P-A7-3	GNR 2014-10 BZ EXCH Z SEQ 2.500% 01/16/44		.03/01/2019	Interest Capitalization		186,158	186,158		1
38378P-OB-2	GNR 2013-192 MZ Z SEQ 3.500% 12/20/43		.03/01/2019	Interest Capitalization		119,856	119,856		1
38378P-F7-8	GNR 2014-12 NZ Z SEQ 3.000% 01/20/44		.03/01/2019	Interest Capitalization		386,087	386,087		1
38378P-KX-5	GNR 2013-188 DZ Z SEQ 2.500% 12/20/43		.03/01/2019	Interest Capitalization		295,072	295,072		1
38378T-HD-5	GNR 2013-79 Z Z SEQ 3.000% 05/20/43		.03/01/2019	Interest Capitalization		131,052	131,052		1
38378T-KY-5	GNR 2013-70 ZA Z SEQ 3.500% 05/20/43		.03/01/2019	Interest Capitalization		101,768	101,768		1
38378T-XH-8	GNR 2013-90 Z Z SEQ 3.500% 06/20/43		.03/01/2019	Interest Capitalization		114,799	114,799		1
38378T-YM-6	GNR 2013-90 BZ Z SEQ 3.500% 06/20/43		.03/01/2019	Interest Capitalization		106,354	106,354		1
38378V-V6-9	GNR 2013-117 VZ Z SEQ 3.500% 08/20/43		.03/01/2019	Interest Capitalization		164,314	164,314		1
38378V-V8-5	GNR 2013-117 AZ Z SEQ 3.500% 08/20/43		.03/01/2019	Interest Capitalization		190,579	190,579		1
38378W-VN-0	GNR 2013-124 BZ Z SEQ 3.500% 08/20/43		.03/01/2019	Interest Capitalization		369,604	369,604		1
38378Y-ZL-6	GNR 2014-3 AZ Z SEQ 3.000% 01/20/44		.03/01/2019	Interest Capitalization		165,761	165,761		1
38379C-IIH-5	GNR 2014-90 Z Z SEQ 3.500% 06/20/44		.03/01/2019	Interest Capitalization		132,281	132,281		1
38379V-4F-8	GNR 2016-32 NY EXCH PAC-11 3.000% 03/20/46		.02/19/2019	CITIGROUP GLOBAL MARKETS INC		9,786,645	10,467,000	18,317	1
38380C-P9-8	GNR 2017-26 ZB EXCH SC Z PAC PT 3.000% 02/20/47		.03/01/2019	Interest Capitalization		153,487	153,487		1
38380C-PQ-0	GNR 2017-5 LZ SC Z SEQ 3.000% 12/20/46		.03/01/2019	Interest Capitalization		98,751	98,751		1
38381A-XE-1	GNR 2018-154 GZ Z SEQ 4.000% 11/20/48		.01/17/2019	BNP PARIBAS		10,488,531	10,221,806	24,987	1
38381A-XE-1	GNR 2018-154 GZ Z SEQ 4.000% 11/20/48		.03/01/2019	Interest Capitalization		68,259	68,259		1
0599999. Subtotal - Bonds - U.S. Governments						89,384,721	89,348,355	136,999	XXX
68323A-FC-3	ONTARIO -PROVINCE OF SR UNSEC 3.050% 01/29/24	A	.01/18/2019	CIBC WORLD MARKETS		4,994,950	5,000,000		1FE
195325-DP-7	REPUBLIC OF COLOMBIA SR UNSEC 4.500% 03/15/29	D	.01/23/2019	BANK OF AMERICA		4,820,592	4,800,000	63,600	2FE
471068-AP-1	JAPAN FIN ORG MUNICIPAL SR UNSEC 3.000% 03/12/24	D	.03/05/2019	CITIGROUP GLOBAL MARKETS INC		7,376,468	7,400,000		1FE
718286-CG-0	REPUBLIC OF PHILIPPINES SR UNSEC 3.750% 01/14/29	D	.01/07/2019	JP MORGAN SECURITIES		12,965,680	13,000,000		2FE
74727P-BB-6	STATE OF QATAR SR UNSEC 4.817% 03/14/49	D	.03/07/2019	DEUTSCHE BANK SECURITIES INCOR		22,560,000	22,550,000		1FE
A48956-90-3	ROMANIA UNSEC 3.500% 04/03/34	B	.03/27/2019	CITIGROUP GLOBAL MARKETS INC		11,099,335	11,250,999		2FE
1099999. Subtotal - Bonds - All Other Governments						63,817,025	64,000,999	63,600	XXX

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 3

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

1 CUSIP Identification	2 Description	3 Foreign	4 Date Acquired	5 Name of Vendor	6 Number of Shares of Stock	7 Actual Cost	8 Par Value	9 Paid for Accrued Interest and Dividends	10 NAIC Designation and Administrative Symbol/Market Indicator (a)
130179-LF-9	CALIFORNIA ST EDUC FACS AUT CALIFORNIA EDUCATIONAL FA 3.78 3.787% 04/01/42		03/07/2019	WELLS FARGO		938,360	1,000,000	16,831	1FE
3136A1-FH-3	FNR 2011-98 ZA Z SEQ 3.500% 10/25/41		03/01/2019	Interest Capitalization		919,566	919,566		1
3136A1-JZ-9	FNR 2011-99 AZ Z SEQ 4.000% 10/25/41		03/01/2019	Interest Capitalization		338,633	338,633		1
3136A1-KE-4	FNR 2011-99 CZ Z SEQ 4.500% 10/25/41		03/01/2019	Interest Capitalization		156,388	156,388		1
3136A4-3X-5	FNR 2012-38 ZB Z SEQ 4.000% 04/25/42		03/01/2019	Interest Capitalization		262,749	262,749		1
3136A4-6H-7	FNR 2012-37 EZ Z SEQ 3.500% 04/25/42		03/01/2019	Interest Capitalization		119,160	119,160		1
3136A5-ER-3	FNR 2012-36 JZ EXCH Z AD PAC-11 3.500% 04/25/42		01/18/2019	MORGAN STANLEY & CO. INC.		20,144,208	20,607,885	46,082	1
3136A5-ER-3	FNR 2012-36 JZ EXCH Z AD PAC-11 3.500% 04/25/42		03/01/2019	Interest Capitalization		120,388	120,388		1
3136A5-RC-2	FNR 2012-33 MW PAC-11 3.500% 04/25/42		02/20/2019	MITSUBISHI UFJ SECURITIES USA		10,018,750	10,000,000	23,333	1
3136A5-X8-4	FNR 2012-50 Z Z SEQ 4.000% 05/25/42		03/01/2019	Interest Capitalization		148,680	148,680		1
3136A5-Y9-1	FNR 2012-50 LZ Z PAC-11 3.500% 05/25/42		03/01/2019	Interest Capitalization		127,344	127,344		1
3136A6-5T-7	FNR 2012-73 ZM EXCH Z SEQ 4.000% 07/25/42		03/01/2019	Interest Capitalization		1,171,824	1,171,824		1
3136A6-JN-5	FNR 2012-58 LZ Z SEQ 3.500% 06/25/42		03/01/2019	Interest Capitalization		110,845	110,845		1
3136A6-KK-9	FNR 2012-58 AZ Z SEQ 4.000% 06/25/42		03/01/2019	Interest Capitalization		132,069	132,069		1
3136A6-MA-3	FNR 2012-76 ZC Z SEQ 4.000% 07/25/42		03/01/2019	Interest Capitalization		198,954	198,954		1
3136A6-NA-2	FNR 2012-76 ZG Z SEQ 4.000% 07/25/42		03/01/2019	Interest Capitalization		358,833	358,833		1
3136A6-P4-0	FNR 2012-76 DZ Z SEQ 4.000% 07/25/42		03/01/2019	Interest Capitalization		1,147,120	1,147,120		1
3136A6-TK-0	FNR 2012-63 MZ Z AD PAC-11 4.000% 06/25/42		03/01/2019	Interest Capitalization		130,503	130,503		1
3136A6-UC-6	FNR 2012-63 JZ Z AD PAC-11 3.500% 06/25/42		03/01/2019	Interest Capitalization		264,381	264,381		1
3136A6-UR-3	FNR 2012-63 ZA Z SEQ 4.000% 06/25/42		03/01/2019	Interest Capitalization		1,564,288	1,564,288		1
3136A6-UW-2	FNR 2012-63 ZG Z SEQ 4.000% 06/25/42		03/01/2019	Interest Capitalization		348,378	348,378		1
3136A6-YD-1	FNR 2012-56 ZM Z SEQ 4.000% 06/25/42		03/01/2019	Interest Capitalization		377,114	377,114		1
3136A7-6T-4	FNR 2012-101 Z Z SEQ 3.500% 09/25/42		03/01/2019	Interest Capitalization		286,591	286,591		1
3136A7-CU-4	FNR 2012-68 ZB Z SEQ 3.500% 07/25/42		03/01/2019	Interest Capitalization		131,283	131,283		1
3136A7-F5-6	FNR 2012-85 Z Z SEQ 3.500% 08/25/42		03/01/2019	Interest Capitalization		137,959	137,959		1
3136A7-RT-1	FNR 2012-90 ZE Z SEQ 3.500% 08/25/42		03/01/2019	Interest Capitalization		454,388	454,388		1
3136A7-UN-0	FNR 2012-80 LZ Z SEQ 4.000% 08/25/42		03/01/2019	Interest Capitalization		186,749	186,749		1
3136A7-UU-4	FNR 2012-80 AZ Z SEQ 3.500% 08/25/42		03/01/2019	Interest Capitalization		436,794	436,794		1
3136A7-V9-0	FNR 2012-89 Z Z SEQ 4.000% 08/25/42		03/01/2019	Interest Capitalization		463,509	463,509		1
3136A7-HY-4	FNR 2012-87 VZ Z SEQ 3.000% 08/25/42		03/01/2019	Interest Capitalization		184,756	184,756		1
3136A7-X0-0	FNR 2012-87 Z Z SEQ 3.000% 08/25/42		03/01/2019	Interest Capitalization		107,074	107,074		1
3136A7-XX-5	FNR 2012-87 NZ Z SEQ 3.500% 08/25/42		02/21/2019	NOMURA SECURITIES INTL INC.		9,727,006	9,943,748	24,169	1
3136A7-XX-5	FNR 2012-87 NZ Z SEQ 3.500% 08/25/42		03/01/2019	Interest Capitalization		29,003	29,003		1
3136A8-AZ-3	FNR 2012-98 VZ Z SEQ 4.000% 09/25/42		03/01/2019	Interest Capitalization		362,424	362,424		1
3136A8-D6-4	FNR 2012-103 ZC EXCH Z SEQ 3.500% 09/25/42		03/01/2019	Interest Capitalization		330,703	330,703		1
3136A8-JK-7	FNR 2012-93 ZG Z AD PAC-11 3.000% 09/25/42		03/01/2019	Interest Capitalization		124,032	124,032		1
3136A9-2X-5	FNR 2012-118 ZV Z SEQ 3.000% 11/25/42		03/01/2019	Interest Capitalization		236,768	236,768		1
3136A9-3C-0	FNR 2012-118 DZ Z SEQ 3.000% 11/25/42		03/01/2019	Interest Capitalization		218,382	218,382		1
3136A9-JV-1	FNR 2012-110 BZ Z SEQ 3.500% 10/25/42		03/01/2019	Interest Capitalization		111,078	111,078		1
3136A9-LM-8	FNR 2012-114 ZG Z SEQ 3.500% 10/25/42		03/01/2019	Interest Capitalization		537,617	537,617		1
3136A9-V8-8	FNR 2012-124 ZL Z SEQ 3.500% 11/25/42		03/01/2019	Interest Capitalization		179,469	179,469		1
3136A9-Y9-3	FNR 2012-124 ZD Z SEQ 3.500% 11/25/42		03/01/2019	Interest Capitalization		205,289	205,289		1
3136AA-HH-8	FNR 2012-135 Z Z SEQ 3.000% 12/25/42		03/01/2019	Interest Capitalization		119,554	119,554		1
3136AB-2N-2	FNR 2013-11 Z Z SEQ 3.000% 02/25/43		03/01/2019	Interest Capitalization		233,469	233,469		1
3136AB-CK-7	FNR 2012-147 GZ Z SEQ 3.500% 01/25/43		03/01/2019	Interest Capitalization		125,241	125,241		1
3136AB-CT-8	FNR 2012-147 HZ Z SEQ 3.500% 01/25/43		03/01/2019	Interest Capitalization		88,466	88,466		1
3136AB-E7-4	FNR 2013-5 BZ Z SEQ 3.500% 02/25/43		03/01/2019	Interest Capitalization		118,138	118,138		1
3136AB-Q2-2	FNR 2013-6 ZM Z SEQ 3.500% 02/25/43		03/01/2019	Interest Capitalization		224,310	224,310		1
3136AB-YK-3	FNR 2013-1 ZV Z SEQ 3.000% 02/25/43		03/01/2019	Interest Capitalization		183,645	183,645		1
3136AC-SD-9	FNR 2013-28 ZJ Z SUP 3.000% 04/25/43		03/01/2019	Interest Capitalization		102,895	102,895		1
3136AC-F8-9	FNR 2013-13 Z Z SEQ 3.000% 03/25/43		03/01/2019	Interest Capitalization		92,691	92,691		1
3136AC-HW-4	FNR 2013-17 PZ Z SEQ 3.000% 03/25/43		03/01/2019	Interest Capitalization		221,143	221,143		1
3136AC-P6-2	FNR 2013-15 VZ Z SEQ 3.500% 03/25/43		03/01/2019	Interest Capitalization		216,379	216,379		1
3136AC-S8-5	FNR 2013-15 MZ Z SEQ 3.500% 03/25/43		03/01/2019	Interest Capitalization		307,382	307,382		1
3136AC-I9-8	FNR 2013-15 LZ EXCH SC Z PAC SEQ 3.000% 03/25/43		03/01/2019	Interest Capitalization		265,305	265,305		1
3136AD-GE-3	FNR 2013-31 ZN Z SUP 3.000% 04/25/43		03/01/2019	Interest Capitalization		172,729	172,729		1
3136AD-HC-6	FNR 2013-31 Z EXCH Z SEQ 3.500% 04/25/43		03/01/2019	Interest Capitalization		181,131	181,131		1
3136AD-HQ-5	FNR 2013-32 ZB Z SEQ 4.000% 04/25/43		03/01/2019	Interest Capitalization		447,840	447,840		1

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 3

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

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol/Market Indicator (a)
3136AD-S3-4	FNR 2013-41 ZY Z SEQ 3.500% 05/25/43		.03/01/2019	Interest Capitalization		213,951	213,951		1
3136AD-YD-5	FNR 2013-27 Z Z SEQ 3.500% 04/25/43		.03/01/2019	Interest Capitalization		107,287	107,287		1
3136AE-2F-3	FNR 2013-70 ZM Z SEQ 3.500% 07/25/43		.03/01/2019	Interest Capitalization		253,963	253,963		1
3136AE-5G-8	FNR 2013-74 HZ Z SEQ 3.000% 07/25/43		.03/01/2019	Interest Capitalization		106,389	106,389		1
3136AE-5R-4	FNR 2013-74 ZG Z SEQ 4.000% 07/25/43		.03/01/2019	Interest Capitalization		125,757	125,757		1
3136AE-BD-8	FNR 2013-47 MZ Z SEQ 4.000% 05/25/43		.03/01/2019	Interest Capitalization		135,879	135,879		1
3136AE-ET-0	FNR 2013-53 CZ Z SEQ 3.500% 06/25/43		.03/01/2019	Interest Capitalization		246,681	246,681		1
3136AE-EX-1	FNR 2013-53 ZC Z SEQ 3.000% 06/25/43		.03/01/2019	Interest Capitalization		301,289	301,289		1
3136AF-6F-6	FNR 2013-90 AZ Z SEQ 4.000% 09/25/43		.03/01/2019	Interest Capitalization		248,297	248,297		1
3136AF-AQ-7	FNR 2013-79 UZ Z SEQ 3.500% 07/25/43		.03/01/2019	Interest Capitalization		309,568	309,568		1
3136AF-ER-1	FNR 2013-67 LZ Z SEQ 3.000% 07/25/43		.03/01/2019	Interest Capitalization		239,270	239,270		1
3136AF-FB-5	FNR 2013-67 VZ Z SEQ 4.000% 07/25/43		.03/01/2019	Interest Capitalization		426,860	426,860		1
3136AF-U6-9	FNR 2013-83 ZC Z SEQ 3.500% 08/25/43		.03/01/2019	Interest Capitalization		281,178	281,178		1
3136AF-VW-1	FNR 2013-66 MZ Z SEQ 3.000% 07/25/43		.03/01/2019	Interest Capitalization		81,935	81,935		1
3136AF-ZE-7	FNR 2013-90 ZV Z SEQ 4.000% 08/25/43		.03/01/2019	Interest Capitalization		373,688	373,688		1
3136AG-EU-2	FNR 2013-98 ZM Z SLP 4.500% 09/25/43		.03/01/2019	Interest Capitalization		311,678	311,678		1
3136AG-GT-3	FNR 2013-91 CZ Z SEQ 4.000% 09/25/43		.03/01/2019	Interest Capitalization		344,967	344,967		1
3136AG-LN-0	FNR 2013-93 ZV Z SEQ 3.500% 09/25/43		.03/01/2019	Interest Capitalization		230,303	230,303		1
3136AG-TQ-5	FNR 2013-100 CZ Z SEQ 4.000% 10/25/43		.03/01/2019	Interest Capitalization		333,371	333,371		1
3136AH-3L-2	FNR 2014-7 Z Z SEQ 3.500% 02/25/44		.03/01/2019	Interest Capitalization		419,674	419,674		1
3136AH-5D-8	FNR 2014-5 DZ SC Z SEQ 4.000% 01/25/42		.03/01/2019	Interest Capitalization		114,620	114,620		1
3136AH-CF-5	FNR 2013-118 Z Z SEQ 3.500% 12/25/43		.03/01/2019	Interest Capitalization		167,707	167,707		1
3136AJ-5U-6	FNR 2014-27 ZC Z SEQ 4.000% 05/25/44		.03/01/2019	Interest Capitalization		150,118	150,118		1
3136AJ-C6-1	FNR 2014-26 GZ Z SEQ 3.000% 05/25/44		.03/01/2019	Interest Capitalization		167,712	167,712		1
3136AJ-D2-9	FNR 2014-26 KZ Z SEQ 4.000% 05/25/44		.03/01/2019	Interest Capitalization		224,157	224,157		1
3136AJ-GY-6	FNR 2014-11 Z SC Z SEQ 4.500% 04/25/42		.03/01/2019	Interest Capitalization		160,388	160,388		1
3136AJ-K9-6	FNR 2014-28 ZA Z SEQ 3.000% 05/25/44		.03/01/2019	Interest Capitalization		320,736	320,736		1
3136AJ-PR-1	FNR 2014-19 ZJ Z SEQ 4.500% 04/25/44		.03/01/2019	Interest Capitalization		400,123	400,123		1
3136AK-6J-7	FNR 2014-65 DZ Z SEQ 3.500% 10/25/44		.03/01/2019	Interest Capitalization		236,633	236,633		1
3136AK-KA-0	FNR 2014-41 ZB EXCH Z SEQ 3.000% 07/25/44		.03/01/2019	Interest Capitalization		177,729	177,729		1
3136AK-S5-3	FNR 2014-53 VZ Z SEQ 3.500% 09/25/44		.03/01/2019	Interest Capitalization		503,132	503,132		1
3136AK-V5-9	FNR 2014-55 MZ Z SEQ 3.000% 09/25/44		.03/01/2019	Interest Capitalization		220,382	220,382		1
3136AK-VH-3	FNR 2014-46 DZ EXCH Z SEQ 3.000% 08/25/44		.03/01/2019	Interest Capitalization		250,809	250,809		1
3136AK-YQ-0	FNR 2014-56 ZE Z SEQ 3.500% 09/25/44		.03/01/2019	Interest Capitalization		102,105	102,105		1
3136AK-ZL-0	FNR 2014-59 ZB Z SEQ 3.000% 09/25/44		.03/01/2019	Interest Capitalization		232,385	232,385		1
3136AL-DZ-1	FNR 2014-60 LZ Z SEQ 3.500% 10/25/44		.03/01/2019	Interest Capitalization		312,874	312,874		1
3136AL-EY-3	FNR 2014-66 VZ Z SEQ 3.000% 10/25/44		.03/01/2019	Interest Capitalization		182,474	182,474		1
3136AL-NX-5	FNR 2014-76 Z Z SEQ 3.500% 11/25/44		.03/01/2019	Interest Capitalization		284,233	284,233		1
3136AL-VH-0	FNR 2014-70 DZ EXCH Z SEQ 3.000% 11/25/44		.03/01/2019	Interest Capitalization		160,503	160,503		1
3136AM-4R-7	FNR 2015-23 ZA Z SEQ 3.500% 04/25/45		.03/01/2019	Interest Capitalization		148,544	148,544		1
3136AR-MF-2	FNR 2016-13 Z Z SEQ 4.000% 03/25/46		.03/01/2019	Interest Capitalization		174,709	174,709		1
3136AR-VT-2	FNR 2016-17 ZB Z SEQ 4.000% 04/25/46		.03/01/2019	Interest Capitalization		147,855	147,855		1
3136AT-5W-0	FNR 2016-81 PZ Z AD PAC-11 3.000% 11/25/46		.03/01/2019	Interest Capitalization		155,306	155,306		1
3136AU-6P-1	FNR 2017-2 ZH Z SEQ 3.000% 02/25/47		.03/01/2019	Interest Capitalization		115,544	115,544		1
3136AU-6T-3	FNR 2017-2 ZE Z SEQ 3.000% 02/25/47		.03/01/2019	Interest Capitalization		124,161	124,161		1
3136AU-SE-2	FNR 2016-92 ZA Z SEQ 3.000% 12/25/46		.03/01/2019	Interest Capitalization		181,209	181,209		1
3136AU-U3-3	FNR 2016-104 CZ Z SEQ 3.500% 01/25/47		.03/01/2019	Interest Capitalization		109,279	109,279		1
3136AV-CF-4	FNR 2017-5 DZ Z SEQ 3.000% 02/25/47		.03/01/2019	Interest Capitalization		80,269	80,269		1
3136AV-GE-3	FNR 2017-13 MZ Z SEQ 3.000% 02/25/47		.03/01/2019	Interest Capitalization		161,472	161,472		1
3136AV-H9-3	FNR 2017-17 ZL Z SEQ 3.000% 03/25/47		.03/01/2019	Interest Capitalization		310,450	310,450		1
3136AV-HM-4	FNR 2017-4 ZA Z SEQ 3.500% 02/25/47		.03/01/2019	Interest Capitalization		628,696	628,696		1
3136AV-J6-7	FNR 2017-17 ZE Z SEQ 3.000% 03/25/47		.03/01/2019	Interest Capitalization		175,598	175,598		1
3136AV-L1-1	FNR 2017-15 MZ Z SEQ 3.000% 03/25/47		.03/01/2019	Interest Capitalization		174,112	174,112		1
3136AV-ME-6	FNR 2017-15 CZ Z SEQ 3.000% 03/25/47		.03/01/2019	Interest Capitalization		108,556	108,556		1
3136AV-PX-1	FNR 2017-18 Z Z SEQ 3.000% 03/25/47		.03/01/2019	Interest Capitalization		151,167	151,167		1
3136AV-QN-2	FNR 2017-18 CZ Z SEQ 3.000% 03/25/47		.03/01/2019	Interest Capitalization		230,530	230,530		1
3136AV-R6-8	FNR 2017-24 Z Z SEQ 3.000% 04/25/47		.03/01/2019	Interest Capitalization		113,988	113,988		1
3136AV-SF-7	FNR 2017-11 ZE Z SEQ 3.000% 03/25/47		.03/01/2019	Interest Capitalization		459,781	459,781		1

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 3

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

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol/Market Indicator (a)
3136AV-TV-1	FNR 2017-12 TZ Z SEQ 3.000% 03/25/47		03/01/2019	Interest Capitalization		198,584	198,584		1
3136AV-VW-6	FNR 2017-14 Z Z SEQ 3.000% 03/25/47		03/01/2019	Interest Capitalization		88,647	88,647		1
3136AV-XM-6	FNR 2017-9 EZ Z SEQ 3.000% 03/25/47		03/01/2019	Interest Capitalization		260,604	260,604		1
3136AV-XQ-7	FNR 2017-9 ZJ Z SEQ 3.000% 03/25/47		03/01/2019	Interest Capitalization		79,433	79,433		1
3136AW-F5-1	FNR 2017-46 ZA Z SEQ 3.000% 06/25/47		03/01/2019	Interest Capitalization		377,781	377,781		1
3136AW-LU-9	FNR 2017-32 GZ Z SEQ 3.500% 05/25/47		03/01/2019	Interest Capitalization		134,625	134,625		1
3136AW-OK-6	FNR 2017-30 ZH Z SEQ 3.000% 05/25/47		03/01/2019	Interest Capitalization		133,320	133,320		1
3136AW-ON-0	FNR 2017-30 ZG Z SEQ 3.000% 05/25/47		03/01/2019	Interest Capitalization		347,101	347,101		1
3136AW-XM-4	FNR 2017-41 Z Z SEQ 3.000% 06/25/47		03/01/2019	Interest Capitalization		221,620	221,620		1
3136AX-U7-8	FNR 2017-72 PZ Z PAC 3.000% 09/25/47		03/01/2019	Interest Capitalization		112,669	112,669		1
3136AY-TP-8	FNR 2017-86 PZ Z AD PAC 3.000% 11/25/47		03/01/2019	Interest Capitalization		108,828	108,828		1
3136AY-WJ-8	FNR 2017-89 LZ Z AD PAC 3.000% 11/25/47		03/01/2019	Interest Capitalization		133,884	133,884		1
3136B0-4H-6	FNR 2018-13 ZE Z SEQ 3.000% 03/25/48		03/01/2019	Interest Capitalization		77,089	77,089		1
3136B1-S5-9	FNR 2018-37 MZ Z SEQ 4.000% 06/25/48		01/11/2019	NOMURA SECURITIES INTL INC.		14,735,338	14,461,917	24,103	1
3136B1-S5-9	FNR 2018-37 MZ Z SEQ 4.000% 06/25/48		03/01/2019	Interest Capitalization		96,573	96,573		1
3136B1-BL-7	FNR 2018-16 TZ Z SEQ 3.000% 03/25/48		03/01/2019	Interest Capitalization		96,941	96,941		1
3136B1-X4-1	FNR 2018-46 CZ Z SEQ 3.500% 06/25/48		03/01/2019	Interest Capitalization		250,793	250,793		1
3136B2-FB-3	FNR 2018-45 KZ Z SEQ 4.000% 06/25/48		03/01/2019	Interest Capitalization		195,957	195,957		1
3136B3-D5-6	FNR 2019-1 GE EXCH SEQ 3.500% 02/25/49		02/11/2019	WELLS FARGO		22,446,609	22,659,037	28,639	1
3136B3-EW-6	FNR 2018-78 ZB Z 4.000% 10/25/48		03/01/2019	Interest Capitalization		90,031	90,031		1
3136B3-KH-2	FNR 2018-81 GE SEQ 3.500% 11/25/38		01/15/2019	BNP PARIBAS		9,962,500	10,000,000	16,528	1
3136B3-PX-2	FNR 2018-88 BZ Z 4.000% 12/25/48		03/01/2019	Interest Capitalization		363,576	363,576		1
3137A3-4Y-2	FHR 3763 ZW Z PAC-11 4.500% 11/15/40		03/01/2019	Interest Capitalization		292,868	292,868		1
3137AF-GW-6	FHR 3925 Z Z SEQ 4.000% 09/15/41		03/01/2019	Interest Capitalization		400,062	400,062		1
3137AL-QD-4	FHR 4003 WZ Z SEQ 3.500% 02/15/42		03/01/2019	Interest Capitalization		111,437	111,437		1
3137AM-3B-1	FHR 4002 MZ Z SEQ 4.000% 02/15/42		03/14/2019	WELLS FARGO		11,025,066	10,615,378	21,231	1
3137AM-E3-7	FHR 3997 YZ Z SEQ 4.000% 02/15/42		03/01/2019	Interest Capitalization		263,625	263,625		1
3137AP-BW-9	FHR 4033 ZE Z SEQ 4.000% 04/15/42		03/01/2019	Interest Capitalization		399,951	399,951		1
3137AP-EN-6	FHR 4028 ZA Z SEQ 4.000% 04/15/42		03/01/2019	Interest Capitalization		580,397	580,397		1
3137AQ-JU-3	FHR 4050 CZ Z SEQ 4.000% 05/15/42		03/01/2019	Interest Capitalization		326,258	326,258		1
3137AQ-LC-0	FHR 4050 MZ EXCH Z PAC-1-11 3.500% 05/15/42		03/01/2019	Interest Capitalization		172,083	172,083		1
3137AR-FR-2	FHR 4062 BZ Z SEQ 3.500% 06/15/42		03/01/2019	Interest Capitalization		117,615	117,615		1
3137AR-M2-9	FHR 4057 ZB Z SEQ 3.500% 06/15/42		03/01/2019	Interest Capitalization		330,410	330,410		1
3137AR-UE-4	FHR 4086 Z Z SEQ 3.500% 07/15/42		03/01/2019	Interest Capitalization		260,814	260,814		1
3137AR-WY-8	FHR 4073 HZ EXCH Z SEQ 4.000% 07/15/42		03/01/2019	Interest Capitalization		393,781	393,781		1
3137AR-ZW-9	FHR 4083 MZ Z SEQ 4.000% 07/15/42		03/01/2019	Interest Capitalization		317,360	317,360		1
3137AS-5V-2	FHR 4087 VZ Z SEQ 4.000% 07/15/42		03/01/2019	Interest Capitalization		140,150	140,150		1
3137AT-VH-2	FHR 4113 ZA Z SEQ 3.500% 09/15/42		03/01/2019	Interest Capitalization		200,012	200,012		1
3137AU-A6-6	FHR 4103 DZ Z SEQ 3.000% 09/15/42		03/01/2019	Interest Capitalization		182,030	182,030		1
3137AV-3V-7	FHR 4122 ZJ Z SEQ 3.500% 10/15/42		03/01/2019	Interest Capitalization		358,856	358,856		1
3137AV-3X-3	FHR 4122 ZN Z SEQ 3.500% 10/15/42		03/01/2019	Interest Capitalization		243,552	243,552		1
3137AV-4E-4	FHR 4121 AZ Z SEQ 3.000% 10/15/42		03/01/2019	Interest Capitalization		91,466	91,466		1
3137AV-6Q-5	FHR 4121 MZ Z SEQ 3.000% 10/15/42		03/01/2019	Interest Capitalization		158,301	158,301		1
3137B0-3K-8	FHR 4169 LZ Z SEQ 3.000% 02/15/43		03/01/2019	Interest Capitalization		96,444	96,444		1
3137B0-6G-3	FHR 4174 Z EXCH Z SEQ 3.500% 03/15/43		03/01/2019	Interest Capitalization		482,794	482,794		1
3137B1-KL-5	FHR 4194 ZE Z SEQ 4.000% 04/15/43		03/01/2019	Interest Capitalization		265,026	265,026		1
3137B1-VG-4	FHR 4209 VZ Z SEQ 4.000% 05/15/43		03/01/2019	Interest Capitalization		470,229	470,229		1
3137B2-BB-5	FHR 4199 VZ Z SEQ 3.500% 05/15/43		03/01/2019	Interest Capitalization		306,138	306,138		1
3137B2-F2-1	FHR 4203 ZN Z SEQ 3.500% 05/15/43		03/01/2019	Interest Capitalization		213,347	213,347		1
3137B2-P8-7	FHR 4212 ZX Z SEQ 4.000% 06/15/43		03/01/2019	Interest Capitalization		426,919	426,919		1
3137B3-64-4	FHR 4226 PZ Z SEQ 3.500% 07/15/43		03/01/2019	Interest Capitalization		212,555	212,555		1
3137B3-H8-4	FHR 4229 ZA Z SEQ 4.000% 07/15/43		03/01/2019	Interest Capitalization		237,776	237,776		1
3137B3-JQ-2	FHR 4231 ZB Z SEQ 3.500% 07/15/43		03/01/2019	Interest Capitalization		106,045	106,045		1
3137B3-N4-6	FHR 4223 VZ Z SEQ 4.000% 07/15/43		03/01/2019	Interest Capitalization		284,740	284,740		1
3137B5-YB-3	FHR 4267 ZX SC Z SEQ 4.500% 03/15/41		03/01/2019	Interest Capitalization		384,045	384,045		1
3137B5-YC-1	FHR 4267 ZY Z SEQ 4.500% 11/15/43		03/01/2019	Interest Capitalization		528,485	528,485		1
3137B5-ZR-7	FHR 4276 ZH Z SEQ 3.000% 11/15/43		03/01/2019	Interest Capitalization		87,558	87,558		1
3137B8-B7-1	FHR 4307 NZ EXCH Z SEQ 3.000% 02/15/44		03/01/2019	Interest Capitalization		139,916	139,916		1

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SCHEDULE D - PART 3

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

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol/Market Indicator (a)
3137B8-JL-2	FHR 4315 LZ SC Z SEQ 4.500% 07/15/41		03/01/2019	Interest Capitalization		207,788	207,788		1
3137B9-FE-0	FHR 4314 GZ Z SEQ 3.000% 03/15/44		03/01/2019	Interest Capitalization		232,589	232,589		1
3137B9-QZ-1	FHR 4331 Z Z SEQ 4.000% 04/15/44		03/01/2019	Interest Capitalization		233,700	233,700		1
3137BA-3I-0	FHR 4329 KZ Z SEQ 3.000% 04/15/44		03/01/2019	Interest Capitalization		186,958	186,958		1
3137BA-G6-3	FHR 4323 VZ Z SEQ 4.000% 04/15/44		03/01/2019	Interest Capitalization		253,863	253,863		1
3137BA-JH-6	FHR 4345 Z Z SEQ 3.000% 05/15/44		03/01/2019	Interest Capitalization		93,607	93,607		1
3137BA-JJ-2	FHR 4345 ZE Z SEQ 3.500% 05/15/44		03/01/2019	Interest Capitalization		146,972	146,972		1
3137BA-P7-1	FHR 4341 ZX SC Z SEQ 4.350% 05/15/44		03/01/2019	Interest Capitalization		176,990	176,990		1
3137BA-S7-8	FHR 4343 DZ Z SEQ 3.500% 05/15/44		03/01/2019	Interest Capitalization		250,944	250,944		1
3137BA-UK-6	FHR 4340 DZ Z SEQ 3.000% 05/15/44		03/01/2019	Interest Capitalization		147,646	147,646		1
3137BB-FB-1	FHR 4352 ZW EXCH Z SEQ 3.000% 06/15/44		03/01/2019	Interest Capitalization		77,521	77,521		1
3137BB-JB-4	FHR 4350 KZ Z SEQ 3.000% 03/15/43		03/01/2019	Interest Capitalization		126,327	126,327		1
3137BB-JZ-4	FHR 4357 GZ Z SEQ 3.000% 06/15/44		03/01/2019	Interest Capitalization		131,611	131,611		1
3137BB-Z9-4	FHR 4348 ZA SC Z PT 3.500% 07/15/42		03/01/2019	Interest Capitalization		122,245	122,245		1
3137BC-B0-0	FHR 4366 GZ Z SEQ 3.000% 07/15/44		03/01/2019	Interest Capitalization		85,826	85,826		1
3137BC-NN-4	FHR 4363 Z ARB Z SEQ 3.500% 11/15/50		03/01/2019	Interest Capitalization		184,698	184,698		1
3137BC-R2-6	FHR 4382 Z Z SEQ 3.000% 08/15/44		03/01/2019	Interest Capitalization		171,335	171,335		1
3137BC-SU-3	FHR 4374 NZ ARB Z SEQ 3.750% 06/01/51		03/01/2019	Interest Capitalization		204,326	204,326		1
3137BC-YF-9	FHR 4381 ZJ EXCH Z SEQ 3.500% 08/15/44		03/01/2019	Interest Capitalization		136,377	136,377		1
3137BD-SI-2	FHR 4378 EZ EXCH Z SEQ 3.000% 08/15/44		03/01/2019	Interest Capitalization		193,864	193,864		1
3137BD-CS-3	FHR 4377 LZ Z SEQ 3.000% 08/15/44		03/01/2019	Interest Capitalization		462,305	462,305		1
3137BD-H4-1	FHR 4392 Z Z SEQ 3.000% 09/15/44		03/01/2019	Interest Capitalization		158,139	158,139		1
3137BD-SR-8	FHR 4385 HZ Z SEQ 3.000% 09/15/44		03/01/2019	Interest Capitalization		288,092	288,092		1
3137BD-ZL-3	FHR 4387 HZ Z SEQ 3.000% 09/15/44		03/01/2019	Interest Capitalization		87,755	87,755		1
3137BF-HK-0	FHR 4418 ZX SC Z PT 4.000% 11/15/40		03/13/2019	WELLS FARGO		12,314,428	11,849,698	22,383	1
3137BF-VL-2	FHR 4417 EZ Z SEQ 3.500% 12/15/44		03/01/2019	Interest Capitalization		119,062	119,062		1
3137BG-3K-3	FHR 4430 Z Z SEQ 4.000% 01/15/45		03/01/2019	Interest Capitalization		19,422	19,422		1
3137BG-FZ-7	FHR 4440 ZX SC Z PT 4.000% 01/15/45		03/01/2019	Interest Capitalization		292,326	292,326		1
3137BG-JS-9	FHR 4444 CZ Z SEQ 3.000% 02/15/45		03/01/2019	Interest Capitalization		562,259	562,259		1
3137BG-XL-8	FHR 4447 XZ SC Z PT 4.000% 01/15/45		03/13/2019	WELLS FARGO		15,642,240	15,027,070	28,384	1
3137BG-Y7-8	FHR 4447 ZX SC Z PT 4.000% 01/15/45		03/01/2019	Interest Capitalization		258,761	258,761		1
3137BJ-GT-4	FHR 4471 ZB Z SEQ 3.000% 05/15/45		03/01/2019	Interest Capitalization		203,854	203,854		1
3137BL-2V-9	FHR 4503 ZA Z SEQ 3.500% 08/15/45		03/01/2019	Interest Capitalization		111,622	111,622		1
3137BM-EL-6	FHR 4537 ZN Z SEQ 3.500% 12/15/45		03/01/2019	Interest Capitalization		194,912	194,912		1
3137BM-WK-8	FHR 4549 LZ Z SEQ 3.500% 02/15/46		03/01/2019	Interest Capitalization		121,731	121,731		1
3137BR-YV-1	FHR 4615 LG EXCH SC PT 3.500% 09/15/41		02/28/2019	CREDIT SUISSE SECURITIES US LL		20,790,601	20,832,918	8,102	1
3137BR-ZJ-7	FHR 4615 ZQ SC Z PT 4.500% 04/15/42		03/01/2019	Interest Capitalization		142,198	142,198		1
3137BT-2L-4	FHR 4631 VZ Z SEQ 3.500% 11/15/46		03/01/2019	Interest Capitalization		74,721	74,721		1
3137BT-CW-9	FHR 4639 AZ Z SEQ 3.000% 12/15/46		03/01/2019	Interest Capitalization		478,986	478,986		1
3137BT-PB-8	FHR 4636 DZ Z SEQ 3.500% 12/15/46		03/01/2019	Interest Capitalization		94,109	94,109		1
3137BU-7G-7	FHR 4651 MZ EXCH Z SEQ 3.500% 01/15/47		03/01/2019	Interest Capitalization		190,856	190,856		1
3137BU-ZA-9	FHR 4659 AZ Z SEQ 3.000% 02/15/47		03/01/2019	Interest Capitalization		234,124	234,124		1
3137BV-E6-7	FHR 4655 GZ Z SEQ 3.500% 01/15/47		03/01/2019	Interest Capitalization		93,562	93,562		1
3137BV-EK-8	FHR 4655 HZ EXCH Z SEQ 3.500% 02/15/47		03/01/2019	Interest Capitalization		466,017	466,017		1
3137BV-ET-9	FHR 4655 JZ Z SEQ 3.000% 03/15/46		03/01/2019	Interest Capitalization		115,345	115,345		1
3137BV-FH-4	FHR 4655 KZ Z SEQ 3.500% 02/15/47		03/01/2019	Interest Capitalization		187,124	187,124		1
3137BV-FY-7	FHR 4655 TZ Z SEQ 3.000% 02/15/47		03/01/2019	Interest Capitalization		130,698	130,698		1
3137BV-KL-9	FHR 4660 ZA Z SEQ 3.000% 02/15/47		03/01/2019	Interest Capitalization		159,919	159,919		1
3137BV-V0-6	FHR 4662 CZ Z SEQ 3.500% 05/15/46		03/01/2019	Interest Capitalization		123,006	123,006		1
3137BV-X0-4	FHR 4661 GZ Z SEQ 3.000% 02/15/47		03/01/2019	Interest Capitalization		299,011	299,011		1
3137BV-2J-2	FHR 4671 CZ Z SEQ 3.500% 03/15/47		03/01/2019	Interest Capitalization		155,616	155,616		1
3137BW-DZ-4	FHR 4668 ZA Z SEQ 3.500% 02/15/47		03/01/2019	Interest Capitalization		382,219	382,219		1
3137BW-HK-3	FHR 4665 NZ Z SEQ 3.500% 02/15/47		03/01/2019	Interest Capitalization		650,372	650,372		1
3137BW-JC-9	FHR 4665 ZH Z SEQ 3.500% 03/15/47		03/01/2019	Interest Capitalization		174,984	174,984		1
3137BW-PS-7	FHR 4666 VZ Z SEQ 3.000% 03/15/47		03/01/2019	Interest Capitalization		190,489	190,489		1
3137BW-P6-5	FHR 4666 Z Z SEQ 3.000% 03/15/47		03/01/2019	Interest Capitalization		207,361	207,361		1
3137BW-Q2-3	FHR 4664 DZ Z SEQ 3.500% 11/15/45		03/01/2019	Interest Capitalization		93,292	93,292		1
3137BW-Q6-4	FHR 4664 GZ Z SEQ 3.500% 07/15/46		03/01/2019	Interest Capitalization		116,655	116,655		1

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SCHEDULE D - PART 3

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CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol/Market Indicator (a)
3137B1-13-5	FHR 4663 Z Z SEQ 3.000% 03/15/47		.03/01/2019	Interest Capitalization		452,512	452,512		1
3137B1-14-3	FHR 4663 ZJ Z SEQ 3.500% 03/15/46		.03/01/2019	Interest Capitalization		197,075	197,075		1
3137B1-15-0	FHR 4663 ZK Z SEQ 3.500% 06/15/46		.03/01/2019	Interest Capitalization		626,266	626,266		1
3137B1-16-3	FHR 4676 ZD Z PAC 4.000% 04/15/47		.03/01/2019	Interest Capitalization		140,418	140,418		1
3137B1-17-7	FHR 4674 ZB Z SEQ 3.500% 02/15/47		.03/01/2019	Interest Capitalization		148,830	148,830		1
3137B1-18-2	FHR 4673 HZ Z SEQ 3.500% 04/15/47		.03/01/2019	Interest Capitalization		140,975	140,975		1
3137B1-19-6	FHR 4672 ZH Z SEQ 3.500% 04/15/47		.03/01/2019	Interest Capitalization		173,871	173,871		1
3137F3-20-1	FHR 4689 ZI Z SEQ 3.500% 08/15/46		.03/01/2019	Interest Capitalization		159,290	159,290		1
3137F3-21-8	FHR 4768 KZ Z PAC 3.500% 11/15/47		.03/01/2019	Interest Capitalization		98,661	98,661		1
3137F3-22-1	FHR 4764 NZ Z PAC 3.500% 02/15/48		.03/01/2019	Interest Capitalization		119,044	119,044		1
3137F3-23-7	FHR 4764 PZ Z PAC 3.000% 01/15/48		.03/01/2019	Interest Capitalization		110,561	110,561		1
3137F4-24-3	FHR 4775 LZ Z SEQ 4.500% 04/15/48		.03/01/2019	Interest Capitalization		159,836	159,836		1
3137F4-25-6	FHR 4774 LZ Z SEQ 4.500% 02/15/48		.03/01/2019	Interest Capitalization		126,123	126,123		1
3137F5-26-8	FHR 4794 ZD Z SEQ 4.500% 06/15/48		.03/01/2019	Interest Capitalization		115,920	115,920		1
3137F5-27-5	FHR 4800 KZ Z SEQ 4.500% 06/15/48		.03/01/2019	Interest Capitalization		234,206	234,206		1
3137FC-28-0	FHR 4749 PZ Z PAC 3.000% 01/15/48		.03/01/2019	Interest Capitalization		164,649	164,649		1
3137FD-29-5	FHR 4750 PZ Z PAC 3.000% 01/15/48		.03/01/2019	Interest Capitalization		120,439	120,439		1
3137FD-30-3	FHR 4754 GZ Z SEQ 4.000% 02/15/48		.03/01/2019	Interest Capitalization		167,414	167,414		1
3137FE-31-3	FHR 4760 PZ Z PAC 3.000% 02/15/48		.03/01/2019	Interest Capitalization		86,010	86,010		1
3137FE-32-5	FHR 4793 ZK EXCH Z SEQ 4.500% 06/15/48		.03/01/2019	Interest Capitalization		414,856	414,856		1
3137FG-33-3	FHR 4801 ZD Z SEQ 4.000% 06/15/48		.02/05/2019	CITIGROUP GLOBAL MARKETS INC		1,888,343	1,854,726	1,443	1
3137FG-34-7	FHR 4801 ZD Z SEQ 4.000% 06/15/48		.03/01/2019	Interest Capitalization		6,182	6,182		1
3137FG-35-7	FHR 4810 LZ Z SEQ 4.500% 06/15/48		.03/01/2019	Interest Capitalization		250,069	250,069		1
3137FG-36-0	FHR 4808 MZ Z SEQ 4.000% 03/15/48		.03/01/2019	Interest Capitalization		190,535	190,535		1
3137FK-37-9	FHR 4849 ZA Z 4.000% 03/15/48		.03/01/2019	Interest Capitalization		194,713	194,713		1
313970-XA-1	FNR 2011-15 VZ Z SEQ 4.000% 03/25/41		.03/01/2019	Interest Capitalization		137,183	137,183		1
491034-AP-9	KENTON CNTY KY ARPT BRD SENIOR Kenton County Airport Boa 4.48 4.489% 01/01/39		.03/06/2019	BANK OF AMERICA		1,845,000	1,845,000		1FE
491034-AQ-7	KENTON CNTY KY ARPT BRD SENIOR Kenton County Airport Boa 4.68 4.689% 01/01/49		.03/06/2019	BANK OF AMERICA		5,000,000	5,000,000		1FE
64990G-JY-9	NEW YORK ST DORM AUTH REVENUES New York State Dormitory 4.29 4.294% 07/01/44		.02/13/2019	GOLDMAN SACHS & COMPANY		43,695,000	43,695,000		1FE
678553-BL-1	OKLAHOMA CITY OK ECON DEV TRUS Oklahoma City Economic De 4.32 4.324% 09/01/42		.01/09/2019	WELLS FARGO		2,001,460	2,000,000	25,464	1FE
697364-FG-7	PALO ALTO CA COPS City of Palo Alto CA 4.351 11/ 4.351% 11/01/48		.02/27/2019	STIFEL NICOLAUS & COMPANY INC		5,000,000	5,000,000		1FE
74442P-HD-0	PUBLIC FIN AUTH WI REVENUE Public Finance Authority 4.269 4.269% 07/01/40		.02/20/2019	BANK OF AMERICA		3,045,510	3,000,000	18,143	1FE
79772E-BZ-1	SAN FRANCISCO CITY & CNTY CA City & County of San Fran 4.25 4.250% 09/01/49		.02/08/2019	STIFEL NICOLAUS & COMPANY INC		11,937,766	12,185,000		1FE
79772E-CT-4	SAN FRANCISCO CITY & CNTY CA City & County of San Fran 4.37 4.371% 09/01/49		.02/25/2019	Various		36,337,980	36,310,000	1,214	1FE
977100-EL-6	WISCONSIN ST GEN FUND ANNUAL A State of Wisconsin 3.954 05/01 3.954% 05/01/36		.01/03/2019	CITIGROUP GLOBAL MARKETS INC		998,040	1,000,000	7,249	1FE
3199999. Subtotal - Bonds - U.S. Special Revenues						317,228,469	316,621,641	313,298	XXX
001226-AA-9	AES SOUTHLAND ENERGY-LLC 4.500% 02/29/40		.02/28/2019	CITIGROUP GLOBAL MARKETS INC		11,988,016	11,988,016		2PL
00152-AA-4	AIT WORLDWIDE LOGISTICS-INC. 10.0% cash .75PIK 10.750% 10/20/22		.03/31/2019	Interest Capitalization		60,548	60,548		5
00206R-HK-1	AT&T INC SR UNSEC 4.850% 03/01/39		.02/13/2019	WELLS FARGO		1,905,820	2,000,000		2FE
00392H-AA-0	ABTEEN VENTURES-LLC SR-UNSEC 3.930% 08/15/39		.02/19/2019	GOLDMAN SACHS CAPITAL MARKETS		135,000,000	135,000,000		1FE
00440E-AP-2	CHUBB INA HOLDINGS INC CO GUARNT 2.700% 03/13/23		.01/08/2019	WELLS FARGO		4,971,694	5,100,000	44,753	1FE
00440E-AS-6	CHUBB INA HOLDINGS INC CO GUARNT 3.150% 03/15/25		.03/13/2019	WELLS FARGO		9,975,600	10,000,000		1FE
02209S-BC-6	ALTRIA GROUP INC CO GUARNT 4.400% 02/14/26		.02/12/2019	JP MORGAN SECURITIES		13,521,681	13,550,000		2FE
025932-AL-8	AMERICAN FINANCIAL GROUP SR UNSEC 4.500% 06/15/47		.03/14/2019	WELLS FARGO		8,122,229	8,900,000	103,463	2FE
031100-HF-0	AMETEK INC SERIES Q 1.530% 10/31/28		.01/16/2019	Tax Free Exchange		22,955,102	22,788,127	73,600	2Z
031100-JB-0	AMETEK INC SERIES S 2.700% 11/23/31		.01/16/2019	Tax Free Exchange		8,679,264	9,016,668	35,841	2Z
031100-LF-5	AMETEK INC SERIES L 3.980% 09/30/29		.01/16/2019	Tax Free Exchange		20,000,000	20,000,000	234,378	2Z
031100-LG-9	AMETEK INC SERIES J 3.730% 09/30/24		.01/16/2019	Tax Free Exchange		10,000,000	10,000,000	109,828	2Z
031100-LH-7	AMETEK INC SERIES K 3.830% 09/30/26		.01/16/2019	Tax Free Exchange		10,000,000	10,000,000	112,772	2Z
031100-PB-3	AMETEK-INC. SR-UNSEC 4.320% 12/13/27		.01/14/2019	BANC OF AMERICA SECURITIES INC		12,000,000	12,000,000		2Z
03209S-AH-4	AMPHENOL CORP SR UNSEC 4.350% 06/01/29		.01/07/2019	BARCLAYS BANK PLC		7,118,160	7,125,000		2FE
035240-AQ-3	ANHEUSER-BUSCH INBEV WOR CO GUARNT 4.750% 01/23/29		.01/10/2019	DEUTSCHE BANK SECURITIES INCOR		32,696,680	32,800,000		2FE
037735-CX-3	APPALACHIAN POWER CO SR UNSEC 4.500% 03/01/49		.03/04/2019	WELLS FARGO		1,489,740	1,500,000		2FE
037833-DK-3	APPLE INC SR UNSEC 3.000% 11/13/27		.03/04/2019	CITIGROUP GLOBAL MARKETS INC		19,477,200	20,000,000	188,333	1FE
03789J-AA-6	DIN 2014-1 A2 SEQ 4.277% 09/05/44		.03/19/2019	CREDIT SUISSE SECURITIES US LL		21,031,647	21,033,750	39,983	2FE
038374-A*-5	AQUACHEM-INC. 10% CASH 2.5%PIK 12.500% 02/05/20		.01/01/2019	Interest Capitalization		(123,913)	(123,913)		5G1
038923-A*-9	ARBOR REALTY TRUST-INC. SR-UNSEC 5.750% 04/01/24		.03/22/2019	JP MORGAN SECURITIES		40,000,000	40,000,000		1FE

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03927P-AF-5	ARCAP 2004 RR3 C MEZ CDO-CRE CDO		02/01/2019	Interest Capitalization		125	125		6FE
04317B-BJ-6	ARTHUR J GALLAGHER & CO SR-UNSEC		02/13/2019	BANK OF AMERICA SECURITIES LLC		30,000,000	30,000,000		2Z
054561-AJ-4	AXA EQUITABLE HOLDINGS I SR UNSEC		01/16/2019	Tax Free Exchange		14,973,925	15,000,000	155,875	2FE
054561-AM-7	AXA EQUITABLE HOLDINGS I SR UNSEC		01/23/2019	Tax Free Exchange		5,982,618	6,000,000	77,500	2FE
05531G-AB-7	BB&T CORP SUBORD		03/11/2019	MORGAN STANLEY & CO. INC.		51,449,015	51,500,000		1FE
05547H-AL-5	BBOMS 2015-SRCH C SEQ		02/27/2019	DEUTSCHE BANK SECURITIES INCOR		12,667,500	12,000,000	39,983	1FM
05595F-AA-4	BSIP LDAC ISSUER-LLC SR-UNSEC		02/27/2019	BANC OF AMERICA SECURITIES INC		99,000,000	99,000,000		2FE
05707F-AA-9	BAIRD FINANCIAL CORP SR-UNSEC		03/29/2019	BANC OF AMERICA SECURITIES INC		50,000,000	50,000,000		1FE
060352-AJ-0	BANK 2017-BNK6 AS SUB		03/26/2019	GOLDMAN SACHS & COMPANY		14,939,478	14,589,000	40,933	1FM
06051G-HD-4	BANK OF AMERICA CORP SR UNSEC		03/25/2019	BANK OF AMERICA		35,231,696	36,160,000	307,609	1FE
06051G-HQ-5	BANK OF AMERICA CORP SR UNSEC		02/04/2019	BANK OF AMERICA		1,625,000	1,625,000		1FE
065403-BC-0	BANK 2019-BN17 A4		03/21/2019	MORGAN STANLEY & CO. INC.		7,209,427	7,000,000	2,167	1FE
084664-CR-0	BERKSHIRE HATHAWAY FIN CO GUARNT		01/04/2019	Various		12,002,543	12,125,000		1FE
097023-CF-0	BOEING CO SR UNSEC		02/13/2019	BANK OF AMERICA		1,505,338	1,575,000		1FE
10112R-AY-0	BOSTON PROPERTIES LP SR UNSEC		01/30/2019	BANK OF AMERICA		9,160,200	10,000,000	91,667	2FE
101137-AX-5	BOSTON SCIENTIFIC CORP SR UNSEC		02/21/2019	BARCLAYS BANK PLC		16,419,644	16,475,000		2FE
10334F-AG-7	BOYD WATTERSON GSA REIT SR-UNSEC		03/13/2019	KEYBANC CAPITAL MARKETS		30,000,000	30,000,000		2Z
114259-AT-1	BROOKLYN UNION GAS CO SR UNSEC		02/27/2019	BANK OF AMERICA		10,000,000	10,000,000		1Z
114259-AU-8	BROOKLYN UNION GAS CO SR UNSEC		02/27/2019	BANK OF AMERICA		15,000,000	15,000,000		1Z
12515A-BG-4	CD 2016-CD2 AM SUB AFC		01/29/2019	DEUTSCHE BANK SECURITIES INCOR		6,004,350	6,065,000	18,539	1FM
12528X-AG-0	CFK 2019-FAX C SUB		02/13/2019	CANTOR FITZGERALD & CO.		14,090,378	13,680,000	34,797	1FE
12593J-BL-9	COMM 2015-CR24 D SUB AFC		01/25/2019	CITIGROUP GLOBAL MARKETS INC		5,006,839	5,775,000	12,828	1FM
12593Y-BL-6	COMM 2016-CR28 B SUB CSTR		03/15/2019	DEUTSCHE BANK SECURITIES INCOR		7,249,494	6,850,000	15,915	1FM
12601B-AA-4	CGA CAP CR LEASE-BKD PT TR SER		03/10/2019	Interest Capitalization		355,344	355,344		2
12605-AA-2	CGA CAPITAL CR LEASE-BKD TR-SE SR-UNSEC		02/07/2019	CGA CAPITAL		26,716,381	26,716,381		1Z
12605-AA-2	CGA CAPITAL CR LEASE-BKD TR-SE SR-UNSEC		02/07/2019	CGA CAPITAL		181,830	181,830		1Z
126408-HM-8	CSX CORP SR UNSEC		02/21/2019	JP MORGAN SECURITIES		20,580,800	20,000,000	243,194	2FE
12646X-AK-8	CSMC 2013-1VR3 A4 EXCH CSTR SSNR		03/04/2019	WELLS FARGO		9,012,535	10,000,039	4,167	1FM
12706F-AA-6	CTL PT TRUST-SER 2018-PERRIS-R SR-SEC		03/15/2019	NEWMARK REALTY CAPITAL		2,405,274	2,405,274		1
17311Q-BN-9	CGOMT 2007-C6 AJ CSTR		01/31/2019	No Broker		154,572	232,278	1,087	3FM
17401Q-AU-5	CITIZENS BANK NA/RI SR UNSEC		02/11/2019	JP MORGAN SECURITIES		10,646,060	10,650,000		2FE
191216-BW-9	COCA-COLA CO/THE SR UNSEC		03/22/2019	SUNTRUST CAPITAL MARKETS		11,505,770	11,802,000	96,137	1FE
201723-AN-3	COMMERCIAL METALS CO SR UNSEC		01/17/2019	Tax Free Exchange		11,332,139	11,325,000	166,415	3FE
20369E-AD-4	COMMUNITY HEALTH NETWORK SECURED		01/30/2019	WELLS FARGO		5,816,580	6,000,000	74,100	1FE
20753K-AB-8	CAS 2019-R02 1M2 EXCH MEZ FLT		03/05/2019	NOMURA SECURITIES INTL INC.		7,000,000	7,000,000		4FE
207597-EL-5	CONNECTICUT LIGHT & PIOR 1ST REF MORT		03/25/2019	MIZUHO SECURITIES USA INC.		4,824,644	4,700,000		1FE
21036P-AS-7	CONSTELLATION BRANDS INC CO GUARNT		01/11/2019	CREDIT SUISSE SECURITIES US LL		2,548,728	2,750,000	17,646	2FE
21036P-AY-4	CONSTELLATION BRANDS INC CO GUARNT		01/14/2019	Various		7,408,420	8,000,000	120,800	2FE
228187-AB-6	CROWN AMER/CAP CORP VI CO GUARNT		01/22/2019	Tax Free Exchange		10,344,997	10,300,000	232,394	3FE
22822V-AL-5	CROWN CASTLE INTL CORP SR UNSEC		01/29/2019	JP MORGAN SECURITIES		2,486,525	2,500,000		2FE
22966R-AE-6	CUBESMART LP CO GUARNT		01/24/2019	WELLS FARGO		6,309,106	6,350,000		2FE
23137F-AA-2	CURT MANUFACTURING-LLC SUB 10%cash pik		01/01/2019	Interest Capitalization		75,378	75,378		5
233046-AK-7	DNKN 2019-1A A211 SEQ		03/20/2019	GUGGENHEIM CAPITAL MARKETS LLC		38,570,000	38,570,000		2FE
233046-AL-5	DNKN 2019-1A A23 SEQ		03/20/2019	GUGGENHEIM CAPITAL MARKETS LLC		62,150,000	62,150,000		2FE
23306N-AJ-1	DBWF 2015-LOM C SUB CSTR		02/21/2019	BANK OF AMERICA		7,576,023	8,120,000	18,520	1FM
23338V-AJ-5	DTE ELECTRIC CO GENL REF MORT		02/11/2019	BARCLAYS BANK PLC		1,487,970	1,500,000		1FE
24618F-AM-2	DELAWARE NORTH COS-INC SR-UNSEC		03/18/2019	JP MORGAN SECURITIES		21,000,000	21,000,000		2Z
25466A-AJ-0	DISCOVER BANK SR UNSEC		03/26/2019	BARCLAYS BANK PLC		9,685,900	10,000,000	58,458	2FE
254687-CG-9	WALT DISNEY COMPANY/THE CO GUARNT		03/20/2019	Taxable Exchange		58,170,457	56,000,000		1FE
254687-CL-8	WALT DISNEY COMPANY/THE CO GUARNT		03/20/2019	Taxable Exchange		20,173,312	20,000,000		1FE
254687-CY-0	WALT DISNEY COMPANY/THE CO GUARNT		03/20/2019	Taxable Exchange		6,996,638	6,800,000		1FE
254687-DC-7	WALT DISNEY COMPANY/THE CO GUARNT		03/20/2019	Taxable Exchange		10,081,525	9,800,000		1FE
254687-DG-8	WALT DISNEY COMPANY/THE CO GUARNT		03/20/2019	Taxable Exchange		8,779,955	7,000,000		1FE
254687-DJ-2	WALT DISNEY COMPANY/THE CO GUARNT		03/20/2019	Taxable Exchange		5,730,939	5,675,000		1FE
254687-DL-7	WALT DISNEY COMPANY/THE CO GUARNT		03/20/2019	Taxable Exchange		19,003,443	14,984,000		1FE
254687-DU-7	WALT DISNEY COMPANY/THE CO GUARNT		03/20/2019	Taxable Exchange		27,288,866	21,000,000		1FE
254687-DY-9	WALT DISNEY COMPANY/THE CO GUARNT		03/20/2019	Taxable Exchange		91,267,418	72,000,000		1FE
254687-EA-0	WALT DISNEY COMPANY/THE CO GUARNT		03/20/2019	Taxable Exchange		10,267,720	8,000,000		1FE

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SCHEDULE D - PART 3

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

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Admini- strative Symbol/ Market Indicator (a)
254687-EE-2	WALT DISNEY COMPANY/THE CO. GUARNT 6.150% 03/01/37		.03/20/2019	Taxable Exchange		25,571,292	20,000,000		1FE
254709-AP-3	DISCOVER FINANCIAL SVS SR UNSEC 4.500% 01/30/26		.01/28/2019	BANK OF AMERICA		15,475,200	15,500,000		2FE
26208L-AD-0	HONK 2019-1A A2 SEQ 4.641% 04/20/49		.03/12/2019	BARCLAYS BANK PLC		16,750,000	16,750,000		2FE
26441Y-AZ-0	DUKE REALTY LP SR UNSEC 3.250% 06/30/26		.03/21/2019	Various		7,828,127	7,989,000		2FE
26441Y-BA-4	DUKE REALTY LP SR UNSEC 3.375% 12/15/27		.03/21/2019	WELLS FARGO		1,406,954	1,438,000		13,481
26867L-AL-4	EID FINANCE LLC CO. GUARNT 3.250% 03/19/25		.03/28/2019	BANK OF AMERICA		9,878,000	10,000,000		10,833
26884A-BH-5	ERP OPERATING LP SR UNSEC 4.000% 08/01/47		.03/26/2019	WELLS FARGO		9,920,700	10,000,000		63,333
28488#-AA-6	ELECTRIC GUARD DOG II HLDGS LL 13.250% 12/10/22		.03/31/2019	Interest Capitalization		1,386,727	1,386,727		5
29364H-BC-1	ENTERGY LOUISIANA LLC COLLAT TRST 4.200% 04/01/50		.03/06/2019	BANK OF AMERICA		19,858,600	20,000,000		1FE
29365T-AH-7	ENTERGY TEXAS INC 1ST MORTG 4.500% 03/30/39		.01/03/2019	BNP PARIBAS		2,991,900	3,000,000		2FE
29366M-AA-6	ENTERGY ARKANSAS LLC 1ST MORTG 4.200% 04/01/49		.03/13/2019	JP MORGAN SECURITIES		18,887,330	19,000,000		1FE
313747-AY-3	FEDERAL REALTY INVESTMEN SR UNSEC 3.250% 07/15/27		.03/20/2019	WELLS FARGO		1,876,926	1,926,000		11,650
31620M-AT-3	FIDELITY NATIONAL INFORM SR UNSEC 3.000% 08/15/26		.01/11/2019	Various		6,862,062	7,435,000		92,938
35563K-AH-3	STACR 2019-DNA1 M2 EXCH FLT 5.136% 01/25/49		.03/04/2019	Various		48,546,712	48,095,000		35,361
35563T-AB-7	STACR 2018-DNA2 M2 EXCH MEZ FLT 4.636% 12/25/30		.03/20/2019	Various		11,871,563	12,000,000		34,412
35563W-AH-7	STACR 2018-DNA3 M2 EXCH MEZ FLT 4.586% 09/25/48		.02/11/2019	Various		26,394,531	27,000,000		70,777
35563X-AH-5	STACR 2018-HQA2 M2 EXCH MEZ FLT 4.799% 10/25/48		.03/20/2019	Various		37,198,107	37,677,101		78,046
35564A-BF-7	STACR 2018-HRP2 M3 EXCH MEZ FLT 4.899% 02/25/47		.01/22/2019	JP MORGAN SECURITIES		15,073,242	15,000,000		59,284
35564L-AH-0	STACR 2019-DNA2 M2 EXCH FLT 4.936% 03/25/49		.03/19/2019	BANK OF AMERICA		11,000,000	11,000,000		4FE
35877E-AA-2	FRISSCO GROUND LEASE TR-SENIOR- 4.819% 07/15/53		.03/15/2019	Interest Capitalization		40,434	40,434		1PL
36144B-BC-6	GATX CORP SR UNSEC 4.550% 11/07/28		.01/10/2019	U.S. BANCORP INVESTMENTS INC		8,639,750	8,750,000		74,095
36160Z-AA-3	GF ASSETS HLDGS CORP ALL PIK 13.250% 01/25/25		.03/31/2019	Interest Capitalization		910,875	910,875		5
36250G-AW-5	GSMS 2015-GC30 C SUB CSTR 4.057% 05/10/50		.01/29/2019	CITIGROUP GLOBAL MARKETS INC		1,952,734	2,000,000		6,761
36252S-AZ-0	GSMS 2019-GC38 AS SUB AFC 4.158% 02/10/52		.02/13/2019	GOLDMAN SACHS & COMPANY		1,544,880	1,500,000		4,505
37233#-AA-5	GENN/PAG ACQUISITIONS-INC SUB-UNSEC 11.500% 07/26/25		.01/01/2019	Interest Capitalization		(395)	(395)		5
37310P-AC-5	GEORGETOWN UNIVERSITY UNSEC 4.315% 04/01/49		.01/09/2019	BARCLAYS BANK PLC		33,790,000	33,790,000		1FE
38991#-AA-5	GREASE MONKEY INTL-LLC SUB-UNSEC 11.500% 04/30/23		.03/31/2019	Interest Capitalization		40,602	40,602		5GI
404119-BW-8	HCA INC CO. GUARNT 5.875% 02/01/29		.01/17/2019	U.S. BANCORP LIBRA		1,575,000	1,575,000		3FE
404121-AJ-4	HCA INC CO. GUARNT 5.625% 09/01/28		.01/17/2019	U.S. BANCORP LIBRA		519,750	525,000		12,223
40465E-AG-7	HSRE CORE HLDG I-LLC SR-UNSEC 4.570% 02/27/26		.02/27/2019	BANK OF AMERICA SECURITIES LLC		11,000,000	11,000,000		2Z
40465E-AH-5	HSRE CORE HLDG I-LLC SR-UNSEC 4.650% 02/27/27		.02/27/2019	BANK OF AMERICA SECURITIES LLC		9,000,000	9,000,000		2Z
416515-BB-9	HARTFORD FINL SVCS GRP SR UNSEC 4.300% 04/15/43		.03/29/2019	BARCLAYS BANK PLC		10,004,300	10,000,000		199,472
42225U-AF-1	HEALTHCARE TRUST OF AMER CO. GUARNT 3.750% 07/01/27		.01/22/2019	SUSQUEHANA FINANCIAL GROUP LL		2,908,584	3,062,000		7,336
42689#-AA-4	HEPACO-LLC 9.5%cash 1.5%piik 12.000% 02/18/25		.01/17/2019	HEPACO		1,105,012	1,105,012		5
42689#-AA-4	HEPACO-LLC 9.5%cash 1.5%piik 12.000% 02/18/25		.03/31/2019	Interest Capitalization		(322,141)	(322,141)		5
42690*-AA-5	HEPACO HLDG-LLC SUB-UNSEC 14.250% 02/18/25		.01/17/2019	PIPER JAFFRAY INC		418,807	418,807		4Z
42690*-AA-5	HEPACO HLDG-LLC SUB-UNSEC 14.250% 02/18/25		.03/31/2019	Interest Capitalization		251,930	251,930		4Z
42784#-AA-8	HERSHEY CAMPUS LEASE-BKD TR II SR-UNSEC 5.820% 05/01/54		.03/01/2019	Interest Capitalization		212,218	212,218		1
43074*-AA-9	HIGHLAND RIDGE-NASHVILLE TN-S SR-SEC 4.918% 01/15/54		.01/17/2019	MESIROW FINANCIAL		23,557,086	23,557,086		1FE
43074*-AA-9	HIGHLAND RIDGE-NASHVILLE TN-S SR-SEC 4.918% 01/15/54		.03/15/2019	Interest Capitalization		37,017	37,017		1FE
43128Z-AR-3	HIGHWOODS REALTY LP SR UNSEC 4.200% 04/15/29		.02/27/2019	Various		20,529,502	20,600,000		2FE
43300L-AJ-9	HILT 2016-HHV C SUB CSTR 4.333% 11/05/38		.02/01/2019	JP MORGAN SECURITIES		997,620	1,005,000		468
44409M-AA-4	HUDSON PACIFIC PROPERTIE CO. GUARNT 3.950% 11/01/27		.03/21/2019	WELLS FARGO		6,739,320	7,000,000		110,600
44409M-AB-2	HUDSON PACIFIC PROPERTIE CO. GUARNT 4.650% 04/01/29		.02/20/2019	BANK OF AMERICA		9,816,969	9,950,000		2FE
44891A-AZ-0	HYUNDAI CAPITAL AMERICA SR UNSEC 4.300% 02/01/24		.01/28/2019	CITIGROUP GLOBAL MARKETS INC		14,992,650	15,000,000		2FE
44965L-AA-2	ILPT 2019-SURF A 3.943% 02/11/41		.03/01/2019	MORGAN STANLEY & CO. INC.		19,568,689	19,000,000		13,126
44965L-AG-9	ILPT 2019-SURF B SUB 4.437% 02/11/41		.03/01/2019	MORGAN STANLEY & CO. INC.		4,124,200	4,000,000		2,958
45256#-AA-0	IMPACT C. I. L. PARENT LLC. MBS COMM PASS-THROUGH CERT REVOLVI 5.820% 08/22/56		.02/26/2019	BANK OF AMERICA SECURITIES LLC		6,051,629	6,051,629		2FE
45873#-AA-3	INTERFACE SECURITY SYSS-LLC 11% cash 3% pik 14.000% 07/17/23		.03/31/2019	Interest Capitalization		97,797	97,797		5GI
461070-AQ-7	INTERSTATE POWER & LIGHT SR UNSEC 3.600% 04/01/29		.03/25/2019	Various		21,449,312	21,450,000		2FE
46643A-BL-6	JPMBB 2014-C23 C SUB CSTR 4.471% 09/15/47		.01/01/2019	GOLDMAN SACHS & COMPANY					(162)
46644R-BE-4	JPMBB 2015-C29 B SUB AFC 4.118% 05/15/48		.01/30/2019	JP MORGAN SECURITIES		5,027,734	5,000,000		1FM
46645L-BD-8	JPMBB 2016-C1 AS SUB SEQ 3.970% 03/15/49		.01/22/2019	JP MORGAN SECURITIES		1,001,953	1,000,000		2,537
46645L-BE-6	JPMBB 2016-C1 B SUB CSTR 4.738% 03/15/49		.01/25/2019	JP MORGAN SECURITIES		834,781	800,000		2,948
46648K-AY-2	JPMDB 2017-C7 AS SUB 3.713% 10/15/50		.01/29/2019	BREAN MURRAY CARRET & CO. LLC		4,439,180	4,500,000		13,922
46650H-AE-8	JPMIT 2019-1 A5 EXCH AFC SEQ SSNR 4.000% 05/25/49		.01/18/2019	JP MORGAN SECURITIES		19,343,232	19,858,700		63,989
46658*-AA-6	VETTA-LLC FKA BPCP SPARTAN MER SUB-UNSEC 11.000% 09/22/21		.01/01/2019	Interest Capitalization		43,176	43,176		5
46659#-AA-1	VETTA-LLC FKA J AMERICA-LLC 10% cash 1% pik 11.000% 07/31/22		.01/01/2019	Interest Capitalization		12,445	12,445		5

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SCHEDULE D - PART 3

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

1 CUSIP Identification	2 Description	3 Foreign	4 Date Acquired	5 Name of Vendor	6 Number of Shares of Stock	7 Actual Cost	8 Par Value	9 Paid for Accrued Interest and Dividends	10 NAIC Designation and Admini- strative Symbol/ Market Indicator (a)
47630F-AA-3	JENSEN HUGHES INTERMEDIATE HLD SUB 14.000% 12/04/23		01/02/2019	Interest Capitalization		4,646	4,646		5G1
47630*AA-7	JENSEN HUGHES-INC-SUB DEBT 10% cash 2%piik 12.000% 12/04/22		01/01/2019	Interest Capitalization		(489,391)	(489,391)		5G1
47631*AA-6	JENSEN HUGHES INTERMEDIATE HLD SUB-UNSEC 14.000% 03/22/26		03/31/2019	Interest Capitalization		650,960	650,960		5G1
485134-BS-8	KANSAS CITY POWER & LT GENL REF MORT 4.125% 04/01/49		03/18/2019	BNP PARIBAS		2,983,620	3,000,000		1FE
48563*AA-6	KAR NUT PRODUCTS CO 11.000% 09/30/23		01/01/2019	KAR NUT PRODUCTS COMPANY		11,785,610	12,026,132		5
487836-BU-1	KELLOGG CO SR UNSEC 3.400% 11/15/27		03/25/2019	Various		8,691,877	9,100,000	109,669	2FE
497216-AA-1	KIOP PARENT HLDG CORP. SUB-UNSEC 13.750% 12/29/23		03/31/2019	Interest Capitalization		368,197	368,197		3Z
49836A-AA-2	KLABIN AUSTRIA GMBH KLABIN AUSTRIA GMBH 5.75 04/03 5.750% 04/03/29		03/27/2019	CITIGROUP GLOBAL MARKETS INC		5,180,500	5,200,000		3FE
501044-DL-2	KROGER CO SR UNSEC 4.500% 01/15/29		01/11/2019	Various		16,948,559	17,050,000	134	2FE
50194#-AA-5	LANEY DIRECTIONAL DRILLING SUB 16.000% 10/31/19		03/31/2019	Interest Capitalization		842,615	842,615		5G1
512807-AU-2	LAM RESEARCH CORP SR UNSEC 4.000% 03/15/29		02/25/2019	GOLDMAN SACHS & COMPANY		2,245,928	2,250,000		2FE
524660-AZ-0	LEGGETT & PLATT INC SR UNSEC 4.400% 03/15/29		03/07/2019	Various		24,393,914	24,545,000	4,911	2FE
53079E-BG-8	LIBERTY MUTUAL GROUP INC CO.GUARNT 4.569% 02/01/29		01/28/2019	Taxable Exchange		26,867,286	27,282,000		2FE
53117C-AT-9	LIBERTY PROPERTY LP SR UNSEC 4.375% 02/01/29		01/22/2019	CITIGROUP GLOBAL MARKETS INC		11,270,846	11,300,000		2FE
532457-BT-4	ELI LILLY & CO SR UNSEC 3.950% 03/15/49		02/20/2019	DEUTSCHE BANK SECURITIES INCOR		29,831,700	30,000,000		1FE
550294-AA-1	LUMOS PHOENIX HLDGS INC 13.000% 05/31/24		03/31/2019	Interest Capitalization		743,277	743,277		5
55385*AA-7	MTI INTERMEDIATE-INC. SUB-UNSEC 13.700% 02/05/22		02/05/2019	Interest Capitalization		1,831,934	1,831,934		5G1
57063#-AA-8	MARKETCAST HLDGS-LLC 10%cash 1%piik 11.000% 05/15/23		03/31/2019	Interest Capitalization		35,763	35,763		5G1
57174B-BG-6	MARSH & MCLENNAN COS INC SR UNSEC 4.375% 03/15/29		03/20/2019	GOLDMAN SACHS & COMPANY		25,176,595	24,550,000	128,625	1FE
57174B-BH-4	MARSH & MCLENNAN COS INC SR UNSEC 4.750% 03/15/39		01/08/2019	GOLDMAN SACHS & COMPANY		699,377	700,000		1FE
57878#-AA-3	MAYZURE-LLC SR-UNSEC 5.160% 09/20/26		03/20/2019	BARCLAYS CAPITAL INC		56,924,889	56,924,889		2FE
58472#-AA-1	MEDICUS HEALTHCARE SOLUTIONS L SUB-UNSEC 11.000% 04/02/25		03/31/2019	Interest Capitalization		49,784	49,784		4Z
58472#-AA-3	MEDICUS HLDGS INC. PFDS-UNSEC 13.250% 10/02/25		01/01/2019	Interest Capitalization		491,354	491,354		4Z
589433-AB-7	MEREDITH CORP CO.GUARNT 6.875% 02/01/26		03/05/2019	Tax Free Exchange		7,922,663	7,758,000	50,373	4FE
59140C-AA-8	METAPHARM-INC. SUB 11.500% 10/13/20		03/31/2019	Interest Capitalization		525,401	525,401		5
59828*AA-4	MIDWEST CAN CO LLC 10.5% CASH 1% PIK 11.500% 10/08/24		03/31/2019	Interest Capitalization		60,441	60,441		5
61201#-AC-9	MONTANA DAKOTA UTILITIES SERIES C 4.240% 07/15/24		01/01/2019	Tax Free Exchange		9,000,000	9,000,000	175,960	2Z
61201#-AD-7	MONTANA DAKOTA UTILITIES SERIES D 4.340% 07/15/26		01/01/2019	Tax Free Exchange		19,000,000	19,000,000	380,232	2Z
61201#-AG-0	MONTANA DAKOTA UTILITIES SERIES G 4.030% 12/10/30		01/01/2019	Tax Free Exchange		50,000,000	50,000,000	117,542	2Z
61201#-AK-1	MONTANA DAKOTA UTILITIES SERIES J 3.730% 03/21/37		01/01/2019	Tax Free Exchange		15,000,000	15,000,000	155,417	2Z
61744E-8G-7	MORGAN STANLEY SR UNSEC 4.431% 01/23/30		01/17/2019	MORGAN STANLEY & CO. INC.		11,550,000	11,550,000		1FE
61765D-AX-6	MSC 2015-MS1 B SUB CSTR 4.031% 05/15/48		03/21/2019	WELLS FARGO		4,191,289	4,100,000		1FM
61768H-AV-8	MSC 2019-L2 A3 SEQ 3.806% 03/15/52		03/01/2019	MORGAN STANLEY & CO. INC.		15,149,621	15,000,000	17,444	1FE
61768H-AW-6	MSC 2019-L2 A4 SEQ 4.071% 03/15/52		03/01/2019	MORGAN STANLEY & CO. INC.		23,689,386	23,000,000	28,610	1FE
62845#-AA-3	MYERS EMERGENCY POWER SYSS-LLC SUB-UNSEC 10% cash 1%piik 11.000% 01/02/25		03/31/2019	Interest Capitalization		48,991	48,991		5G1
628530-BK-2	MYLAN INC CO.GUARNT 4.550% 04/15/28		01/11/2019	Tax Free Exchange		7,482,596	7,500,000	81,521	2FE
63902H-AB-5	NATURE CONSERVANCY -THE SR UNSEC 4.498% 02/01/49		02/05/2019	JP MORGAN SECURITIES		10,000,000	10,000,000		1FE
64325*AA-2	NEW CARROLLTON COMMERCIAL 1-LL 3.750% 02/05/34		03/05/2019	Interest Capitalization		143,157	143,157		1
64746#-AA-9	NEW MILANI GROUP LLC SUB-UNSEC 11.000% 06/05/25		03/31/2019	Interest Capitalization		40,790	40,790		4
64829Y-AD-2	NRZT 2019-NOM1 M1 SUB AFC SEQ 4.634% 01/25/49		01/11/2019	CREDIT SUISSE SECURITIES US LL		13,847,997	13,848,000	30,305	2FE
65339K-BJ-8	NEXTERA ENERGY CAPITAL CO.GUARNT 3.500% 04/01/29		03/28/2019	BANK OF AMERICA		11,754,688	11,800,000		2FE
65958*AA-3	NORTH HAVEN CA HLDGS-INC. SUB-UNSEC 14.000% 10/01/24		03/31/2019	Interest Capitalization		1,654,777	1,654,777		5G1
66988A-AE-4	NOVANT HEALTH INC UNSEC 4.371% 11/01/43		02/21/2019	BANK OF AMERICA		6,087,590	6,016,000	83,270	1FE
68389X-BL-8	ORACLE CORP SR UNSEC 2.400% 09/15/23		03/28/2019	MITSUBISHI UFJ SECURITIES USA		20,195,780	20,500,000	21,867	1FE
686514-AG-5	ORLANDO HEALTH OBL GRP UNSEC 4.461% 10/01/49		02/06/2019	GOLDMAN SACHS & COMPANY		13,802,360	13,790,000	248	1FE
69394*AA-7	PPM FINCO LP 4.476% 03/31/54		02/01/2019	GOLDMAN SACHS CAPITAL MARKETS		3,752,155	3,752,155		2FE
69402#-AA-3	PIAB LLC 10.5% cash 1% piik 11.500% 08/02/22		03/31/2019	Interest Capitalization		50,228	50,228		4FE
69410*AA-7	PACEWELL 3-LLC SR-SEC 4.690% 05/10/50		01/31/2019	PACEWELL2?LLC		7,940,000	7,940,000		1FE
69410*AB-5	PACEWELL 3-LLC A-2-SR-SEC 4.750% 05/10/50		03/29/2019	PACEWELL2?LLC		10,000,000	10,000,000		1Z
69764#-AA-9	PAMLICO PRIZELOGIC HLDGS LLC 12.750% 12/30/21		03/31/2019	Interest Capitalization		873,070	873,070		5G1
70109H-AM-7	PARKER-HANNIFIN CORP SR UNSEC 4.200% 11/21/34		01/07/2019	SUSQUEHANA FINANCIAL GROUP LL		1,011,620	1,000,000	5,600	1FE
70213H-B*-8	PARTNERS HEALTHCARE SYSS INC. SR-UNSEC 4.600% 12/21/49		01/24/2019	PARRETO SECURITIES AS		50,000,000	50,000,000		1Z
70432*AA-9	PAYCHEX-INC. SR-UNSEC SER A 4.070% 03/13/26		03/13/2019	BANK AMERICA LEASING & CAPITAL		20,000,000	20,000,000		2Z
70432*AB-7	PAYCHEX-INC. SR-UNSEC SER B 4.250% 03/13/29		03/13/2019	BANK AMERICA LEASING & CAPITAL		20,000,000	20,000,000		2Z
72908#-AA-8	PLENARY PROP PURDUE-LLC SR-UNSEC 5.300% 10/31/63		02/01/2019	PLENARY PROPERTIES PURDUE		5,915,658	5,915,658		2Z
73808#-AA-5	POTTER ELECTRIC SIGNAL CO-LLC SUB-UNSEC 10%cash 1.5 pik 11.500% 06/17/24		01/01/2019	Interest Capitalization		50,587	50,587		5
74005P-BD-5	PRAXAIR INC SR UNSEC 3.550% 11/07/42		03/27/2019	WELLS FARGO		4,930,307	5,105,000	71,484	1FE
74166M-AC-0	PRIME SECSRVC BRR/FINANC SR SEC 5.750% 04/15/26		03/21/2019	DEUTSCHE BANK SECURITIES INCOR		7,525,000	7,525,000		3FE

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 3

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

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol/Market Indicator (a)
743510-AA-6	PROJECT ARROW-OAK CREEK W1-SR SR-SEC 4.067% 07/10/40		03/11/2019	MESIROW FINANCIAL		39,500,000	39,500,000		1Z
744320-CE-3	PRUDENTIAL FINANCIAL INC SR UNSEC 4.350% 02/25/50		02/20/2019	MORGAN STANLEY & CO. INC.		44,943,232	45,050,000		1FE
74834L-BA-7	QUEST DIAGNOSTICS INC SR UNSEC 4.200% 06/30/29		03/07/2019	MORGAN STANLEY & CO. INC.		24,926,750	25,000,000		2FE
74932B-AU-7	RBSCF 2013-SMV C SUB CSTR 3.584% 03/11/31		01/28/2019	MORGAN STANLEY & CO. INC.		1,936,641	2,000,000	5,775	1FM
74949L-AC-6	RELX CAPITAL INC CO.GUARNT 4.000% 03/18/29		03/12/2019	Various		36,101,164	36,400,000		2FE
75884R-AY-9	REGENCY CENTERS LP CO.GUARNT 4.650% 03/15/49		02/25/2019	WELLS FARGO		14,949,150	15,000,000		2FE
758880-AA-5	REGED HOLDCO-INC. A11 PIK 13.750% 12/20/26		01/31/2019	Interest Capitalization		269,712	269,712		3Z
758880-AA-5	REGED HOLDCO-INC. A11 PIK 13.750% 12/20/26		01/31/2019	Interest Capitalization		46,726	46,726		3Z
76169#-AN-3	REYES HLDGS-L.L.C. 4.600% 01/10/29		01/10/2019	BANC OF AMERICA SECURITIES INC		25,000,000	25,000,000		2FE
76169#-AR-4	REYES HLDGS-L.L.C. 4.700% 01/10/31		01/10/2019	BANC OF AMERICA SECURITIES INC		25,000,000	25,000,000		2FE
773903-AJ-8	ROCKWELL AUTOMATION SR UNSEC 4.200% 03/01/49		03/25/2019	Various		18,367,915	17,500,000	47,017	1FE
77775*-BV-2	ROSENTHAL & ROSENTHAL-INC. SR-UNSEC 5.320% 01/31/26		01/31/2019	SUNTRUST CAPITAL MARKETS		35,000,000	35,000,000		2FE
785010-AA-6	SIW INGREDIENTS HLDGS-LLC SUB-UNSEC 10.5% cash 1%pik 11.500% 07/03/26		03/31/2019	Interest Capitalization		74,849	74,849		5G1
80282K-AS-5	SANTANDER HOLDINGS USA SR UNSEC 3.400% 01/18/23		02/21/2019	BANK OF AMERICA		5,106,712	5,200,000	18,171	2FE
80568#-AA-0	SAYERS TECHNOLOGY HLDGS-INC SUB-UNSEC 12.000% 03/26/23		01/01/2019	Interest Capitalization		870	870		5
816300-AH-0	SELECTIVE INSURANCE GROU SR UNSEC 5.375% 03/01/49		02/27/2019	WELLS FARGO		4,901,500	5,000,000		2FE
85236#-AA-1	SUNNOVA ISSUER-LLC SR-UNSEC 4.950% 04/30/31		03/28/2019	WHITEHALL & COMPANY		25,823,614	25,823,614		1Z
866800-AA-8	SUPPLYONE HLDGS-LLC SUB-UNSEC 11.500% 02/01/25		01/01/2019	Interest Capitalization		105,010	105,010		5
87320*-AB-6	TWAIN FDG I LLC A-2-SR-UNSEC 4.571% 07/15/44		03/29/2019	GUGGENHEIM SECURITIES		19,769,400	20,000,000		1FE
874030-AA-6	TAILWIND SMITH COOPER INTERMED SUB-UNSEC 10% cash 1% pik 11.000% 05/21/24		03/31/2019	Interest Capitalization		53,093	53,093		5G1
886313-AE-5	TIAA CHURCHILL MIDDLE MARKET C SUB NOTE-CLO 1 0.000% 10/20/28		01/31/2019	Various		877,141			6*
893890-A*-6	TRANSPORTATION INSIGHT-LLC SR-UNSEC 11.000% 08/30/25		03/31/2019	Interest Capitalization		170,688	170,688		5
89417E-AP-4	TRAVELERS COS INC SR UNSEC 4.100% 03/04/49		02/27/2019	U.S. BANCORP INVESTMENTS INC		2,988,690	3,000,000		1FE
897051-AA-6	TRONOX INC CO.GUARNT 6.500% 04/15/26		02/12/2019	GOLDMAN SACHS & COMPANY		7,373,125	8,000,000	171,889	4FE
90249A-BK-8	TYSON FOODS INC SR UNSEC 4.350% 03/01/29		02/13/2019	MORGAN STANLEY & CO. INC.		20,996,220	21,000,000		2FE
90310#-AB-8	UNLV STUDENT HOUSING PHASE I-L 5.500% 08/15/54		03/15/2019	LESMARK		6,696,264	6,696,264		2FE
90353K-AY-5	UBSCM 2018-C13 A4 SEQ 4.334% 10/15/51		02/01/2019	U.S. BANCORP LIBRA		1,054,023	1,000,000	482	1FM
91740P-AD-0	USA COM PART/USA COM FIN SR UNSEC 6.875% 09/01/27		02/21/2019	JP MORGAN SECURITIES		3,950,000	3,950,000		4FE
91845#-AA-2	VZ-SENIOR NOTE CTL PT TRUST SR SECURED 3.810% 05/15/35		03/19/2019	G2		1,349,197	1,392,375	590	2
92343V-ES-9	VERIZON COMMUNICATIONS SR UNSEC 3.875% 02/08/29		02/05/2019	BANK OF AMERICA		7,286,203	7,300,000		2FE
92345Y-AF-3	VERISK ANALYTICS INC SR UNSEC 4.125% 03/15/29		02/27/2019	Various		11,595,004	11,625,000		2FE
92840V-AB-8	VISTRA OPERATIONS CO LLC SR UNSEC 5.625% 02/15/27		01/22/2019	JP MORGAN SECURITIES		15,700,000	15,700,000		3FE
94989Y-BE-2	WFCM 2016-C32 B SUB W 4.722% 01/15/59		01/18/2019	Various		3,704,625	3,600,000	10,250	1FM
95000U-2D-4	WELLS FARGO & COMPANY SR UNSEC 4.150% 01/24/29		01/16/2019	WELLS FARGO		21,861,018	21,900,000		1FE
950400-AH-7	WELLTOWER INC SR UNSEC 4.125% 03/15/29		02/13/2019	WELLS FARGO		19,911,000	20,000,000		2FE
96145D-AD-7	WRKCO INC CO.GUARNT 3.375% 09/15/27		02/15/2019	Tax Free Exchange		27,839,743	27,850,000	391,641	2FE
96145D-AH-8	WRKCO INC CO.GUARNT 4.000% 03/15/28		02/15/2019	Tax Free Exchange		13,728,209	13,750,000	229,167	2FE
Z00064-23-0	MOBILE TECH-INC. SR-UNSEC 9.995% 08/06/21		01/01/2019	Interest Capitalization		31,690	31,690		3Z
Z00064-33-9	TRANSPORTATION INSIGHT-LLC SUB-UNSEC 13.750% 06/18/26		03/31/2019	Interest Capitalization		316,995	316,995		3Z
Z00064-33-9	TRANSPORTATION INSIGHT-LLC SUB-UNSEC 13.750% 06/18/26		01/01/2019	Interest Capitalization		4,720	4,720		3Z
Z00064-58-6	CRC INTERMEDIATE INC. 14.000% 01/09/24		01/09/2019	Various		9,195,224	9,382,882		4Z
Z00064-98-2	JGIW IX LLC SR-UNSEC 0.000% 05/15/34		03/11/2019	JGIW IX LLC		39,930,872	46,982,569		1Z
Z00066-12-8	JGIW IX LLC SR-UNSEC 0.000% 08/15/43		03/08/2019	JGIW IX LLC		5,941,496	8,378,320		1Z
06367#-JM-6	BANK OF MONTREAL SR UNSEC 2.900% 03/26/22	A.	03/21/2019	BMO CAPITAL MARKETS		9,974,600	10,000,000		1FE
66815P-AA-8	NIERN HYDRO ACQUISITION CO III L SR-UNSEC 3.877% 12/31/36		03/13/2019	RBC CAPITAL MARKETS		36,854,575	36,854,575		1FE
66816D-AA-4	NIERN HYDRO ACQUISITION CO III SR-UNSEC 3.940% 12/31/38		03/13/2019	RBC CAPITAL MARKETS		37,606,709	37,606,709		1FE
00237#-AC-2	ALTIMA DENTAL CANADA HLDGS-INC 2nd amended DDTL 13.000% 06/16/23		02/01/2019	ALTIMA DENTAL CANADA HOLDINGS		339,570	339,570		5G1
Z00064-93-3	ALTIMA DENTAL CANADA HLDGS-INC SUB-UNSEC 11.250% 06/16/23		01/18/2019	ALTIMA DENTAL CANADA HOLDINGS		5,119,520	5,119,520		4Z
00182E-BK-4	ANZ NEW ZEALAND INT'L/DN CO.GUARNT 3.400% 03/19/24	D.	03/12/2019	CITIGROUP GLOBAL MARKETS INC		15,123,639	15,123,639		1FE
00913R-AE-6	AIR LIQUIDE FINANCE CO.GUARNT 3.500% 09/27/46	D.	03/25/2019	JEFFERIES & CO. INC.		1,459,472	1,565,000		1FE
03835V-AG-1	APTIV PLC CO.GUARNT 4.350% 03/15/29	D.	03/20/2019	Various		18,196,182	18,140,000	9,899	2FE
052528-AK-2	AUST & NZ BANKING GROUP SUBORD 4.400% 05/19/26	D.	03/22/2019	Various		15,104,110	15,000,000	207,900	2FE
05578Q-AB-9	BPCE SA SUBORD 5.150% 07/21/24	D.	03/19/2019	Various		5,168,144	5,000,000	42,382	2FE
05578Q-AC-7	BPCE SA SUBORD 4.625% 07/11/24	D.	03/15/2019	BNP PARIBAS		2,520,925	2,500,000	21,840	2FE
05578Q-AD-5	BPCE SA SUBORD 4.500% 03/15/25	D.	03/29/2019	Various		39,243,967	39,071,000	48,968	2FE
05591F-2D-1	BNG BANK NV SR UNSEC 2.625% 02/27/24	D.	02/20/2019	HSBC SECURITIES USA INC		7,923,050	7,923,050		1FE
05968D-AB-6	BANCO INTERNAC DEL PERU SR UNSEC 3.375% 01/18/23	D.	02/20/2019	BARCLAYS BANK PLC		1,964,000	2,000,000	6,375	2FE
059895-AS-1	BANGKOK BANK PCL/HK SR UNSEC 4.450% 09/19/28	D.	02/13/2019	ANZ INVESTMENT BANK		5,120,750	5,000,000	90,236	2FE

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SCHEDULE D - PART 3

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

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol/Market Indicator (a)
05990G-AA-3	BANCO DE CREDITO DEL PER SR UNSEC 4.250% 04/01/23	D.	.02/20/2019	SANTANDER SECURITIES INC.		3,054,000	3,000,000	49,988	2FE
08860H-AA-2	BHARTI AIRTEL LTD SR UNSEC 4.375% 06/10/25	D.	.03/15/2019	Various		4,831,218	5,000,000	59,886	2FE
09659W-2G-8	BNP PARIBAS SR UNSEC 4.705% 01/10/25	D.	.02/20/2019	Various		20,112,650	20,000,000	27,446	1FE
12687E-AA-1	DHL-ZERO COUPON SR 4.640% 03/15/27	D.	.03/15/2019	Interest Capitalization		731,133	731,133		2
2027A0-HR-3	COMMONWEALTH BANK AUST SUBORD 4.500% 12/09/25	D.	.03/12/2019	Various		13,153,950	13,000,000	131,375	2FE
2027A0-JX-8	COMMONWEALTH BANK AUST SR UNSEC 3.450% 03/16/23	D.	.03/27/2019	HSBC SECURITIES USA INC		8,482,849	8,300,000	10,340	1FE
21684A-AF-3	COOPERATIVE RABOBANK UA CO.GUARNT 3.750% 07/21/26	D.	.03/27/2019	Various		13,662,010	14,000,000	74,688	2FE
21987B-AY-4	CODELCO INC SR UNSEC 4.375% 02/05/49	D.	.01/28/2019	CITIGROUP GLOBAL MARKETS INC		11,538,696	12,400,000		1FE
23636A-AS-0	DANSKE BANK A/S SR UNSEC 5.000% 01/12/22	D.	.03/22/2019	JP MORGAN SECURITIES		3,207,031	3,125,000	30,382	2FE
29278G-AA-6	EDEL FINANCE INTL NV CO.GUARNT 3.625% 05/25/27	D.	.03/22/2019	BNP PARIBAS		20,319,683	21,333,000	259,922	2FE
29278G-AF-5	EDEL FINANCE INTL NV CO.GUARNT 3.500% 04/06/28	D.	.03/22/2019	CITIGROUP GLOBAL MARKETS INC		7,454,080	8,000,000	132,222	2FE
29287E-AC-5	ENGINE LEASE FINANCE CORP SR-UNSEC 4.630% 01/17/29	D.	.01/17/2019	BANC OF AMERICA SECURITIES INC		31,000,000	31,000,000		2FE
29287E-AE-1	ENGINE LEASE FINANCE CORP SR-UNSEC 4.730% 01/17/31	D.	.01/17/2019	BANC OF AMERICA SECURITIES INC		7,000,000	7,000,000		2FE
30216J-AA-3	EXPORT-IMPORT BK INDIA SR UNSEC 3.375% 08/05/26	D.	.02/11/2019	WELLS FARGO		3,768,200	4,000,000	3,000	2FE
423012-AF-0	HEINEKEN NV SR UNSEC 3.500% 01/29/28	D.	.03/26/2019	JEFFERIES & CO. INC.		11,584,364	11,447,000	65,661	2FE
456837-AM-5	ING GROEP NV SR UNSEC 4.550% 10/02/28	D.	.01/24/2019	BANK OF AMERICA		20,076,600	20,000,000	293,222	1FE
45685N-AA-4	ING GROEP NV SR UNSEC 4.625% 01/06/26	D.	.02/12/2019	SEA PORT GROUP THE LLC		8,550,340	8,355,000	95,531	1FE
53566T-AA-9	LINE ONE PERU METRO EXPANSION SER 2019-1-SR-UNSEC 4.737% 01/10/33	D.	.03/11/2019	MIHUZO		13,000,000	13,000,000		2FE
53566T-AB-7	LINE ONE PERU METRO EXPANSION SER 2019-2-SR-UNSEC 4.737% 04/10/33	D.	.03/11/2019	MIHUZO		10,000,000	10,000,000		2FE
55283L-AA-3	MAPSL 2019-1A A SEQ 4.458% 03/15/44	D.	.02/20/2019	GOLDMAN SACHS & COMPANY		6,924,889	6,925,000		1FE
600814-AO-0	MILLICOM INTL CELLULAR SR UNSEC 6.250% 03/25/29	D.	.03/14/2019	GOLDMAN SACHS & COMPANY		3,550,000	3,550,000		3FE
606822-BE-3	MIITUBISHI UFJ FIN GRP SR UNSEC 4.153% 03/07/39	D.	.02/26/2019	MORGAN STANLEY & CO. INC.		15,000,000	15,000,000		1FE
67112W-AE-3	OZLM 2019 23A B2 MEZ CDO-CF-CLO-HY 4.460% 04/14/32	D.	.03/29/2019	MORGAN STANLEY & CO. INC.		8,000,000	8,000,000		1Z
67576G-AD-9	ODBRCHT OFFSHRE DRLL FIN SR SEC 7.720% 12/01/26	D.	.03/04/2019	Interest Capitalization		340,766	340,766		6*
67707E-AQ-7	OAKC 2019 2A B2 MEZ CDO-CF-CLO-HY 4.440% 04/21/31	D.	.02/22/2019	MORGAN STANLEY & CO. INC.		10,000,000	10,000,000		5Z
69377P-AJ-3	PPMC 2019 2A B2 SEQ CDO-CF-CLO-HY 4.849% 04/16/32	D.	.01/29/2019	GOLDMAN SACHS & COMPANY		10,000,000	10,000,000		1FE
71647N-BD-0	PETROBRAS GLOBAL FINANCE CO.GUARNT 6.900% 03/19/49	D.	.03/12/2019	CITIGROUP GLOBAL MARKETS INC		3,000,000	3,000,000		3FE
756250-AE-9	RECKITT BENCKISER TSY CO.GUARNT 3.000% 06/26/27	D.	.03/29/2019	Various		19,352,400	20,000,000	156,667	1FE
80007R-AE-5	SANDS CHINA LTD SR UNSEC 5.400% 08/08/28	D.	.01/23/2019	Tax Free Exchange		16,377,434	16,525,000	406,515	2FE
82650N-AA-0	SIGMA FINANCE NL CO.GUARNT 4.875% 03/27/28	D.	.01/23/2019	Various		4,935,100	5,000,000	79,544	2FE
83051G-AK-4	SKANDINAVISKA ENSKILDA SR UNSEC 3.050% 03/25/22	D.	.03/18/2019	BANK OF AMERICA		9,991,800	10,000,000		1FE
83368R-AT-9	SOETE GENERALE SR UNSEC 3.875% 03/28/24	D.	.03/21/2019	SG AMERICAS SECURITIES LLC		29,981,100	30,000,000		2FE
85628U-AJ-5	STATE BANK INDIA/LONDON SR UNSEC 4.375% 01/24/24	D.	.01/16/2019	HSBC SECURITIES USA INC		14,108,050	14,125,000		2FE
86964W-AC-6	SUZANO AUSTRIA GMBH CO.GUARNT 6.000% 01/15/29	D.	.01/29/2019	JP MORGAN SECURITIES		1,559,805	1,500,000	5,000	2FE
87089N-AA-8	SWISS RE FINANCE LUX CO.GUARNT 0.000% 04/02/49	D.	.03/26/2019	BANK OF AMERICA		34,000,000	34,000,000		1FE
87938W-AT-0	TELEFONICA EMISIONES SAU CO.GUARNT 4.103% 03/08/27	D.	.03/27/2019	Various		13,676,905	13,500,000	30,943	2FE
90011Q-AC-4	TURK TELEKOMUNIKASYON AS SR UNSEC 6.875% 02/28/25	D.	.02/21/2019	BANK OF AMERICA		3,180,672	3,200,000		3FE
90016A-AB-6	TURK SISE VE CAM FABRIKA CO.GUARNT 6.950% 03/14/26	D.	.03/07/2019	JP MORGAN SECURITIES		9,837,600	10,000,000		3FE
980236-AQ-6	WOODSIDE FINANCE LTD CO.GUARNT 4.500% 03/04/29	D.	.02/25/2019	CITIGROUP GLOBAL MARKETS INC		1,996,340	2,000,000		2FE
G2130F-AC-2	TIAA CHURCHILL MID MKT CLO IV Class D-SR-UNSEC 7.851% 04/20/26	D.	.03/07/2019	WELLS FARGO		5,000,000	5,000,000		6*
G2130F-AD-0	TIAA CHURCHILL MID MKT CLO IV SUB-SUB-UNSEC 0.000% 04/20/26	D.	.03/07/2019	WELLS FARGO		4,998,889	4,998,889		6*
G4588F-BR-1	INTERMEDIATE CAPITAL GROUP PLC SR-UNSEC 4.990% 03/26/26	D.	.03/26/2019	LLOYDS		15,000,000	15,000,000		2Z
G6363F-AG-2	NAC AVIATION 29 DESIGNATED ACT SR-UNSEC 5.580% 03/14/24	D.	.03/14/2019	GOLDMAN SACHS CAPITAL MARKETS		50,000,000	50,000,000		2PL
G6363F-AH-0	NAC AVIATION 29 DESIGNATED ACT SR-UNSEC 5.830% 03/14/26	D.	.03/14/2019	GOLDMAN SACHS CAPITAL MARKETS		25,000,000	25,000,000		2FE
P3596E-AA-3	EVM ENERGAA DEL VALLE DE MEXICO SR-UNSEC 6.020% 12/31/40	D.	.03/29/2019	SUMITOMO BANK LTD. NEW YORK		6,000,029	6,000,029		2PL
Q3972F-AB-2	GPN ASIA PACIFIC HLDGS PTY LTD 11.900% 09/25/22	D.	.01/02/2019	Interest Capitalization		562,965	562,965		5G1
G7334E-AL-7	PRPF ENGINE LEASING LIMITED Sr SR-UNSEC 4.350% 06/13/26	D.	.02/11/2019	BANK OF AMERICA SECURITIES LLC		6,000,000	6,000,000		1FE
Q3973F-AC-9	GPT FUNDS MGMT LTD C-SR-UNSEC 4.400% 02/07/32	D.	.02/07/2019	NATIONAL AUSTRALIA BANK		29,000,000	29,000,000		1Z
3899999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)						3,824,082,130	3,803,368,813	8,508,979	XXX
464287-24-2	L0D ISHARES IBOXX INVESTMENT GRA		.01/17/2019	Various	0.000	600,073,731			2
8199999. Subtotal - Bonds - SVO Identified Funds						600,073,731			XXX
00173E-AA-7	AMC BUYER LLC SR-UNSEC 11/01/24		.02/22/2019	CAMBRIDGE INTL SECURITIES INC.		1,192,368	1,192,368		4Z
03217F-AH-2	AMISPEC SERVICES INC SR-UNSEC 07/02/24		.03/29/2019	No Broker		814,413	814,413		4Z
03217F-AH-2	AMISPEC SERVICES INC SR-UNSEC 07/02/24		.03/27/2019	No Broker		99,683	99,683		4Z
05333F-AB-9	AUTOMOTIVE REMARKETING GROUP I SR-UNSEC 03/20/20		.03/15/2019	NXT CAPITAL		1,435,673	1,435,024		4.
10954B-AC-4	BRILLIO LLC SR-UNSEC 02/06/25		.03/01/2019	CITIZENS BANK		8,822,481	8,911,597		4Z
20007*-AC-5	COMAR HLDG CO LLC SR-UNSEC 06/18/24		.03/15/2019	VARAGON CAPITAL PARTNERS		119,149	119,149		4.

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 3

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

1 CUSIP Identification	2 Description	3 Foreign	4 Date Acquired	5 Name of Vendor	6 Number of Shares of Stock	7 Actual Cost	8 Par Value	9 Paid for Accrued Interest and Dividends	10 NAIC Designation and Administrative Symbol/Market Indicator (a)
20337E-AQ-4	COMMSCOPE INC CO ASSET 02/07/26		02/07/2019	JP MORGAN SECURITIES		14,676,750	14,825,000		3FE
21718B-AA-5	COP GNAP HLDGS-INC. SUB-UNSEC 05/01/25		03/31/2019	Interest Capitalization		76,097	76,097		4Z
21718B-AB-3	COP GNAP HLDGS-INC. SR-UNSEC 11/01/24		02/01/2019	NXT CAPITAL		138,889	138,889		4Z
22235C-AA-2	COUNTRY FRESH HLDGS LLC SR-UNSEC 03/31/23		03/22/2019	JP MORGAN SECURITIES		393,563	393,563		4Z
28047H-AC-2	EDGEWOOD PARTNERS HLDGS LLC SR-UNSEC 09/08/24		03/26/2019	Tax Free Exchange		2,131,371	2,131,371		5
35041B-AA-3	FOUNDATION RISK PARTNERS CORP SR-UNSEC 11/10/23		02/08/2019	Tax Free Exchange		7,474,646	7,544,757		3PL
35041B-AB-1	FOUNDATION RISK PARTNERS CORP SR-UNSEC 11/10/23		02/12/2019	Various		2,017,630	2,017,630		3PL
35041B-AC-9	FOUNDATION RISK PARTNERS CORP SR-UNSEC 11/10/23		02/12/2019	ARES CAPITAL		2,863,469	2,863,469		3PL
35041B-AC-9	FOUNDATION RISK PARTNERS CORP SR-UNSEC 11/10/23		02/08/2019	Tax Free Exchange		4,393,015	4,392,573		3PL
38216B-AC-2	GOOD2GROW LLC SR-UNSEC 11/16/23		03/29/2019	No Broker		2,372,600	2,372,600		4Z
43129*-AB-2	HILB GROUP LLC-THE SR-UNSEC 06/24/21		03/01/2019	MADISON CAPITAL FUNDING		524,214	524,214		5
44332E-AP-1	HUB INTERNATIONAL LTD HUB INTERNATIONAL LTD 04/25/25		01/01/2019	GOLDMAN SACHS & COMPANY		(7,180)	(7,519)		4FE
45320*-AC-2	IMPLEMENTATION MGMT ASSISTANCE SR-UNSEC 12/13/23		03/28/2019	Various		2,747,500	2,747,500		1FE
46322E-AB-9	SOUND INPATIENT PHYSICIA SOUND INPATIENT PHYSICIA 07/31/25		01/01/2019	GOLDMAN SACHS & COMPANY		(4,887)	(5,013)		4FE
47009Y-AK-3	JAGUAR HOLDING CO II JAGUAR HOLDING CO II 08/18/22		01/01/2019	BARCLAYS BANK PLC		(7,422)	(7,752)		4FE
47630E-AJ-7	JENSEN HUGHES INC SR-UNSEC 03/22/24		02/08/2019	ANTARES		249,874	249,874		3PL
48268J-AB-0	KSLB HLDGS LLC SR-UNSEC 07/30/23		03/25/2019	ANTARES		583,333	583,333		5G1
48283*-AA-5	KABAFUSION HLDGS LLC SR-SEC 01/28/25		01/28/2019	CIT CAPITAL SECURITIES LLC		3,600,000	3,600,000		2FE
51783Q-AP-3	LAS VEGAS SANDS LLC LAS VEGAS SANDS LLC 03/27/25		01/01/2019	U.S. BANCORP LIBRA		(4,881)	(5,025)		2FE
51808B-AA-3	LASIK VISION INSTITUTE SR-UNSEC 03/31/20		03/04/2019	Interest Capitalization		123,942	123,942		5G1
55282C-AB-2	MAG DS CORP SR-UNSEC 06/06/25		03/25/2019	CITIZENS BANK		4,304,036	4,347,511		4
55340*-AD-1	MB2 DENTAL SOLUTIONS-LLC INCREMENTAL TL 03/29/24		01/18/2019	MB2 DENTAL SOLUTIONS LLC		3,610,000	3,610,000		5
55340*-AD-1	MB2 DENTAL SOLUTIONS-LLC INCREMENTAL TL 03/29/24		03/31/2019	Interest Capitalization		7,320	7,320		5
55357G-AF-4	MSHC INC SR-UNSEC 07/31/23		01/09/2019	Tax Free Exchange		11,698,709	11,717,737		5
55357G-AH-0	MSHC INC SR-UNSEC 07/31/23		03/28/2019	ANTARES		5,341,895	5,341,895		5
55385B-AA-5	MTC INTERMEDIATE HOLDCO INC SR-UNSEC 01/30/23		01/18/2019	Tax Free Exchange		2,838,581	2,864,580		4
55936B-AB-5	TRUMP CARD HLDGS LLC SR-UNSEC 04/21/22		03/29/2019	MADISON CAPITAL FUNDING		396,650	396,650		2PL
56032Y-AE-9	MAILSOUTH INC SR-UNSEC 04/23/24		02/21/2019	ANTARES		1,485,028	1,488,750		4
56032Y-AF-6	MAILSOUTH INC SR-UNSEC 04/24/23		02/19/2019	ANTARES		660,000	660,000		4
59828*-AC-0	MIDWEST CAN CO LLC SR-UNSEC 04/11/24		02/07/2019	CAMBRIDGE INTL SECURITIES INC.		600,000	600,000		4
62910P-AC-7	NFP CORP NFP CORP 01/08/24		01/01/2019	BANK OF AMERICA		(12,166)	(12,723)		4FE
64127U-AY-3	NEUSTAR INC NEUSTAR INC 08/08/24		02/25/2019	BANK OF AMERICA		9,850,000	9,850,000		4FE
65957*-AA-0	NORTH HAVEN CS ACQUISITION INC SR-UNSEC 01/23/24		01/23/2019	ANTARES		14,850,000	15,000,000		4Z
65958*-AE-1	NORTH HAVEN CA HLDGS INC SUB-UNSEC 10/01/24		03/28/2019	COMBINE CSPS		30,000,000	30,000,000		5Z
66989B-AC-5	NOVARIA HLDGS LLC SR-UNSEC 12/19/24		01/22/2019	CITIZENS BANK		7,222,222	7,222,222		2FE
69012B-AB-2	OUTPUT SERVICES GROUP INC SR-UNSEC 03/26/24		01/24/2019	Tax Free Exchange		3,448,536	3,456,857		4FE
69322*-AA-0	PB PARENT-LLC SUB-UNSEC 07/18/25		01/18/2019	PB PARENT		6,784,478	6,784,478		4Z
69322*-AA-0	PB PARENT-LLC SUB-UNSEC 07/18/25		03/31/2019	Interest Capitalization		171,968	171,968		4Z
69396B-AB-1	PPT MGMT HLDGS LLC SR-UNSEC 12/16/22		01/02/2019	Interest Capitalization		136,316	136,316		3PL
70439B-AB-8	PAYMENT ALLIANCE TERM LOAN 01/31/25		01/31/2019	ANTARES		14,850,000	15,000,000		4Z
83174*-AB-8	SMILE DOCTORS LLC SR-UNSEC 10/06/22		03/26/2019	TWIN BROOK CAPITAL PARTNERS LL		2,447,050	2,447,050		4
83415Y-AE-0	SOLARAY LLC 1ST AMENED DELAY DRAW 09/08/23		02/06/2019	ANTARES		1,397,558	1,397,558		4
89388B-AB-3	TRANSPORTATION INSIGHT LLC SR-UNSEC 12/18/24		03/27/2019	Tax Free Exchange		4,081,633	4,081,633		5G1
89612H-AC-9	TRICORBRAUN INC TRICORBRAUN INC 11/30/23		01/08/2019	Taxable Exchange		4,706,176	4,706,023		4FE
89823*-AB-0	TRUROAD HLDGS INC SR-UNSEC 08/07/24		03/12/2019	CAMBRIDGE INTL SECURITIES INC.		2,000,000	2,000,000		5
91865F-AF-6	VACO HLDGS LLC SR-UNSEC 11/09/22		02/28/2019	ANTARES		5,550,000	5,550,000		5G1
95841*-AB-5	WIRB COPPERNICUS GROUP INC SR-UNSEC 08/15/22		03/25/2019	Tax Free Exchange		330,000	330,000		5
Z00056-40-0	LIGADO NETWORKS-INC. SR-SEC 12/07/20		03/07/2019	Interest Capitalization		188,244	188,244		5G1
Z00059-97-4	SAYERS TECHNOLOGY HLDGS-INC PFDS-UNSEC 03/27/26		03/01/2019	Interest Capitalization		11,865	11,865		4Z
Z00061-79-8	VETERINARY SPECIALISTS OF NORT SR-UNSEC 07/15/21		03/12/2019	GOLUB CAPITAL		364,452	364,452		5G1
Z00061-79-8	VETERINARY SPECIALISTS OF NORT SR-UNSEC 07/15/21		03/12/2019	GOLUB CAPITAL		364,452	364,452		5G1
Z00063-52-1	ORBIT PURCHASER LLC SR-UNSEC 10/21/24		03/04/2019	REGED HOLDCO		3,387,097	3,387,097		4Z
Z00063-76-0	GLOBALTRANZ ENTERPRISES INC SR-UNSEC 10/16/20		01/09/2019	BNP PARIBAS		53,067	53,067		4Z
Z00065-06-2	NORTH HAVEN CS ACQUISITION INC SR-UNSEC 01/23/25		01/23/2019	No Broker		5,000,000	5,000,000		4Z
Z00065-10-4	KABAFUSION HLDGS SUB-UNSEC 01/25/26		01/28/2019	KABAFUSION HOLDINGS		7,500,000	7,500,000		4Z
Z00065-21-1	RELADYNE INC. SUB-UNSEC 01/17/23		01/28/2019	Various		9,966,592	10,067,265		3Z
Z00065-24-5	COMPOSITE TECHNOLOGY ACQUISITI SR-UNSEC 02/01/25		02/01/2019	COMPOSITE TECHNOLOGY ACQUISITI		6,360,000	6,360,000		4Z
Z00065-28-6	PAYMENT ALLIANCE TERM LOAN 01/31/25		03/05/2019	No Broker		3,600,000	3,600,000		4Z

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 3

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

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol/Market Indicator (a)
Z00065-95-5	MOBILE COMMUNICATIONS AMERICA SR-UNSEC 03/04/25		03/04/2019	NXT CAPITAL		14,925,000	15,000,000		4Z
Z00065-96-3	MOBILE COMMUNICATIONS AMERICA SR-UNSEC 03/04/25		03/08/2019	No Broker		775,000	775,000		4Z
Z00066-09-4	BKRUPCTY MGMT SOLUTIONS INC SR-UNSEC TERM LOAN B 02/28/25		03/07/2019	CAPITAL ONE HEALTHCARE FINANCI		9,106,132	9,198,113		4Z
Z00066-17-7	COUNTRY FRESH HLDGS LLC SR-SEC 03/31/23		03/08/2019	SUNTRUST CAPITAL MARKETS		629,700	655,938		4Z
Z00066-65-6	MB2 DENTAL SOLUTIONS-LLC SUB-UNSEC 03/24/24		03/29/2019	MB2 DENTAL SOLUTIONS LLC		6,365,000	6,365,000		4Z
Z00066-68-0	ONE WORLD FITNESS PFF LLC SR-UNSEC 03/28/25		03/29/2019	ANTAPES		17,313,842	17,488,730		4Z
L9339L-AG-8	TRINSEO MATERIALS OPERATING TRINSEO MATERIALS OPERATING 09/09/24	D.	01/01/2019	CITIGROUP GLOBAL MARKETS INC		4,896,425	4,970,990		3FE
L9339L-AG-8	TRINSEO MATERIALS OPERATING TRINSEO MATERIALS OPERATING 09/09/24	D.	01/01/2019	CITIGROUP GLOBAL MARKETS INC		(4,908,862)	(4,983,616)		3FE
8299999. Subtotal - Bonds - Bank Loans						280,738,433	282,296,528		XXX
8399997. Total - Bonds - Part 3						5,175,324,509	4,555,636,336	9,022,876	XXX
8399998. Total - Bonds - Part 5						XXX	XXX	XXX	XXX
8399999. Total - Bonds						5,175,324,509	4,555,636,336	9,022,876	XXX
458740-12-2	INTERFACE SECURITY SYSS-LLC PFDS-UNSEC SERIES A		03/31/2019	Capital Contribution		2,574,599	0.00		RP5G1
ZD2892-89-5	REVOLUTION FOODS INC. SERIES J'		02/07/2019	JP MORGAN SECURITIES	906,618.000	10,000,000	0.00		P4Z
ZD7171-71-7	FDG ACQUISITIONS INC SERIES A-1 FLOW CONTROL GROUP		01/24/2019	Various	10,526.310	10,526,316	0.00		P4Z
AAV993-3N-6	MANITOBA -PROVINCE OF CLASS B		03/20/2019	JP MORGAN SECURITIES	5,250,000.000	4,061,896	0.00		P5Z
8499999. Subtotal - Preferred Stocks - Industrial and Miscellaneous (Unaffiliated)						27,162,811	XXX		XXX
8999997. Total - Preferred Stocks - Part 3						27,162,811	XXX		XXX
8999998. Total - Preferred Stocks - Part 5						XXX	XXX	XXX	XXX
8999999. Total - Preferred Stocks						27,162,811	XXX		XXX
03674X-10-6	ANTERO RESOURCES ANTERO RESOURCES		02/26/2019	DISTRIBUTION	57,900.000	504,483			V.
63845R-10-7	NATIONAL VISION INC		03/05/2019	DISTRIBUTION	15,115.000	508,680			L.
92345I-10-8	Veritex holding VERITEX HOLDINGS INC		03/11/2019	DISTRIBUTION	151,815.000	3,986,671			L.
ZD3131-31-9	PERSUTTH ACQUISITIONS SERIES A-1		01/31/2019	JP MORGAN SECURITIES	6,105.000	6,105,000			V.
ZD5100-00-7	FEDERAL HOME LOAN BANK MEMBERSHIP STOCK		03/29/2019	FEDERAL HOME LOAN BANK	3,339,000.000	333,900,000			V.
690870-10-2	TRONOX HOLDINGS PLC TRONOX HOLDINGS PLC-CLASS A	C.	03/27/2019	Taxable Exchange	248,690.000	3,180,745			L.
9099999. Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated)						348,185,579	XXX		XXX
60407*-10-3	ND Properties, Inc.		03/31/2019	Issuer	68.000	21,347,634			K.
68062*-10-8	OLEUM HOLDING COMPANY, INC.		03/31/2019	CAPITAL CONTRIBUTION	0.000	674,166			K.
87226*-10-3	T-C Europe Holding, Inc.		03/31/2019	Issuer	1.000	1,730			K.
81793*-10-1	730 TEXAS FOREST HOLDINGS, INC.		02/27/2019	CAPITAL CONTRIBUTION	0.000	395			K.
000000-00-0	MIVEST CORPORATION		03/31/2019	CAPITAL CONTRIBUTION	0.000	1,466,015			K.
9199999. Subtotal - Common Stocks - Parent, Subsidiaries and Affiliates						23,489,940	XXX		XXX
67092P-88-8	NUEM NUVEEN ESG EMERGING MARKETS		03/28/2019	KNIGHT SECURITIES	245,100.000	6,323,580			L.
9299999. Subtotal - Common Stocks - Mutual Funds						6,323,580	XXX		XXX
9799997. Total - Common Stocks - Part 3						377,999,099	XXX		XXX
9799998. Total - Common Stocks - Part 5						XXX	XXX	XXX	XXX
9799999. Total - Common Stocks						377,999,099	XXX		XXX
9899999. Total - Preferred and Common Stocks						405,161,910	XXX		XXX
9999999 - Totals						5,580,486,419	XXX	9,022,876	XXX

(a) For all common stock bearing the NAIC market indicator "U" provide: the number of such issues

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

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

1 CUSIP Ident- ification	2 Description	3 For- eign	4 Disposal Date	5 Name of Purchaser	6 Number of Shares of Stock	7 Consid- eration	8 Par Value	9 Actual Cost	10 Prior Year Book/ Adjusted Carrying Value	Change In Book/Adjusted Carrying Value					16 Book/ Adjusted Carrying Value at Disposal Date	17 Foreign Exchange Gain (Loss) on Disposal	18 Realized Gain (Loss) on Disposal	19 Total Gain (Loss) on Disposal	20 Bond Interest/ Stock Dividends Received During Year	21 Stated Con- tractual Maturity Date	22 NAIC Desig- nation and Admini- strative Symbol /Market Indicator (a)
										11 Unrealized Valuation Increase/ (Decrease)	12 Current Year's (Amor- tization)/ Accretion	13 Current Year's Other Than Temporary Impairment Recogn- ized	14 Total Change in Book/ Adjusted Carrying Value (11 + 12 - 13)	15 Total Foreign Exchange in Book /Adjusted Carrying Value							
38374B-LB-7	GNR 2003-66 EJ PAC-11 5.000% 08/20/33		03/01/2019	Paydown		602,945	602,945	563,000	591,256	11,689			11,689	602,945			5,124	08/20/2033	1		
38374C-3L-3	GNR 2003-85 ZA Z SEQ 4.500% 10/20/33		03/01/2019	Paydown		838,857	838,857	847,508	842,702	(3,844)			(3,844)	838,857			5,878	10/20/2033	1		
38374C-AL-5	GNR 2003-75 EZ Z SEQ 5.500% 09/20/33		03/01/2019	Paydown		330,946	330,946	269,410	318,450	12,495			12,495	330,946			3,039	09/20/2033	1		
38374C-N5-6	GNR 2003-86 PG EXCH PAC-11 5.000% 10/20/33		03/01/2019	Paydown		907,979	907,979	832,787	886,002	21,977			21,977	907,979			7,580	10/20/2033	1		
38374C-N7-2	GNR 2003-86 QG EXCH PAC-11 5.500% 10/20/33		03/01/2019	Paydown		392,395	392,395	380,624	388,407	3,989			3,989	392,395			3,637	10/20/2033	1		
38374C-NL-1	GNR 2003-76 TG EXCH PAC-1-11 5.500% 09/20/33		03/01/2019	Paydown		673,404	673,404	678,455	673,137	268			268	673,404			6,124	09/20/2033	1		
38374C-S9-3	GNR 2003-86 ND EXCH PAC-11 5.500% 10/20/33		03/01/2019	Paydown		456,529	456,529	449,460	449,645	6,884			6,884	456,529			4,178	10/20/2033	1		
38374C-TB-7	GNR 2003-83 BD PAC-11 5.500% 09/16/33		03/01/2019	Paydown		465,166	465,166	452,810	461,670	3,496			3,496	465,166			4,128	09/16/2033	1		
38374C-UX-7	GNR 2003-91 XC PAC-11 5.000% 10/20/33		03/01/2019	Paydown		444,747	444,747	410,279	434,329	10,418			10,418	444,747			3,593	10/20/2033	1		
38374C-VX-6	GNR 2003-89 PC PAC-11 5.500% 10/20/33		03/01/2019	Paydown		902,186	902,186	887,983	888,366	13,820			13,820	902,186			8,268	10/20/2033	1		
38374D-R4-3	GNR 2008-30 PX PAC-11 6.000% 04/20/38		03/01/2019	Paydown		530,779	530,779	553,669	534,816	(4,037)			(4,037)	530,779			5,034	04/20/2038	1		
38374D-V2-2	GNR 2008-30 PE EXCH PAC-1-11 5.500% 04/20/38		03/01/2019	Paydown		90,336	90,336	92,693	90,880	(544)			(544)	90,336			760	04/20/2038	1		
38374E-BV-8	GNR 2003-95 PY EXCH PAC-11 5.500% 11/20/33		03/01/2019	Paydown		733,693	733,693	735,298	733,693					733,693			7,411	11/20/2033	1		
38374E-G9-2	GNR 2003-113 ZA Z SEQ 4.500% 12/16/33		03/01/2019	Paydown		733,816	733,816	739,319	736,337	(2,522)			(2,522)	733,816			5,278	12/16/2033	1		
38374E-HF-7	GNR 2003-106 Z Z SEQ 5.500% 11/20/33		03/01/2019	Paydown		888,103	888,103	797,974	863,224	24,879			24,879	888,103			8,143	11/20/2033	1		
38374E-JS-7	GNR 2003-105 PH EXCH PAC-11 5.500% 11/20/33		03/01/2019	Paydown		330,072	330,072	327,570	327,620	2,452			2,452	330,072			2,902	11/20/2033	1		
38374E-KP-1	GNR 2003-100 Z Z SEQ 5.500% 11/20/33		03/01/2019	Paydown		677,984	677,984	622,050	663,693	14,292			14,292	677,984			6,248	11/20/2033	1		
38374E-LR-6	GNR 2003-107 MD EXCH PAC-1-11 5.500% 11/16/33		03/01/2019	Paydown		586,013	586,013	580,351	580,494	5,519			5,519	586,013			5,300	11/16/2033	1		
38374E-LZ-8	GNR 2003-99 PC PAC-11 5.500% 11/20/33		03/01/2019	Paydown		483,019	483,019	477,000	477,153	5,866			5,866	483,019			4,452	11/20/2033	1		
38374E-VB-0	GNR 2004-25 E AFC SEQ 5.166% 03/16/46		03/01/2019	Paydown		1,400,064	1,400,064	1,284,558	1,367,606	32,458			32,458	1,400,064			10,832	11/20/2033	1		
38374F-2V-5	GNR 2004-25 E AFC SEQ 5.166% 03/16/46		03/01/2019	Paydown		42,757	42,757	42,757	42,757					42,757			369	03/16/2046	1		
38374F-3P-7	GNR 2004-26 GE PAC-11 5.000% 04/16/34		03/01/2019	Paydown		994,168	994,168	933,795	976,071	18,097			18,097	994,168			8,070	04/16/2034	1		
38374F-3P-7	GNR 2004-11 QG EXCH PAC-11 5.000% 02/16/34		03/01/2019	Paydown		269,944	269,944	275,259	271,061	(1,117)			(1,117)	269,944			2,190	02/16/2034	1		
38374F-SA-3	GNR 2004-19 PG PAC-11 5.000% 03/20/34		03/01/2019	Paydown		385,479	385,479	379,656	379,809	5,670			5,670	385,479			3,190	03/20/2034	1		
38374G-KE-1	GNR 2004-29 Z Z SEQ 5.000% 04/16/34		03/01/2019	Paydown		420,294	420,294	417,667	418,810	1,484			1,484	420,294			3,524	04/16/2034	1		
38374G-PG-1	GNR 2004-35 PM PAC-11 5.500% 05/20/34		03/01/2019	Paydown		379,682	379,682	374,580	377,515	2,167			2,167	379,682			3,320	05/20/2034	1		
38374H-3Y-4	GNR 2004-73 PH EXCH PAC-11 5.500% 09/20/34		03/01/2019	Paydown		76,171	76,171	76,861	76,263	(93)			(93)	76,171			680	09/20/2034	1		
38374H-5S-5	GNR 2004-69 EY SEQ 5.500% 09/16/34		03/01/2019	Paydown		370,771	370,771	360,111	367,454	3,317			3,317	370,771			3,641	09/16/2034	1		
38374H-JB-4	GNR 2004-72 PN PAC-11 5.500% 09/20/34		03/01/2019	Paydown		198,439	198,439	200,175	198,496	(57)			(57)	198,439			1,763	09/20/2034	1		
38374H-YM-6	GNR 2004-59 PE PAC-1-11 5.500% 08/20/34		03/01/2019	Paydown		271,267	271,267	269,415	269,451	1,817			1,817	271,267			2,388	08/20/2034	1		
38374J-EE-2	GNR 2004-76 NE EXCH PAC-11 5.500% 09/20/34		03/01/2019	Paydown		397,399	397,399	394,171	395,681	1,718			1,718	397,399			3,526	09/20/2034	1		
38374J-HY-5	GNR 2004-80 WH EXCH SEQ 5.000% 10/20/34		03/01/2019	Paydown		219,943	219,943	214,411	214,411	5,503			5,503	219,943			1,799	10/20/2034	1		
38374J-P3-4	GNR 2004-98 GE PAC-11 5.500% 11/20/34		03/01/2019	Paydown		427,831	427,831	427,096	427,063	769			769	427,831			3,709	11/20/2034	1		
38374J-PV-2	GNR 2004-88 PD EXCH PAC-11 5.500% 10/20/34		03/01/2019	Paydown		221,489	221,489	221,074	221,041	448			448	221,489			2,019	10/20/2034	1		
38374K-3N-1	GNR 2005-30 PH EXCH PAC-11 5.500% 04/16/35		03/01/2019	Paydown		249,006	249,006	252,897	249,653	(647)			(647)	249,006			2,044	04/16/2035	1		
38374K-K9-3	GNR 2005-21 Z Z SEQ 5.000% 03/20/35		03/01/2019	Paydown		658,021	658,021	648,973	653,652	4,369			4,369	658,021			5,595	03/20/2035	1		
38374K-RH-8	GNR 2005-3 ZC Z SEQ 5.000% 01/20/35		03/01/2019	Paydown		445,833	445,833	412,292	436,320	9,514			9,514	445,833			3,683	01/20/2035	1		
38374L-EA-5	GNR 2005-36 QB EXCH PAC-11 5.500% 05/20/35		03/01/2019	Paydown		309,774	309,774	314,166	310,539	(765)			(765)	309,774			2,810	05/20/2035	1		
38374L-PC-7	GNR 2005-47 PC EXCH PAC-11 5.000% 06/20/35		03/01/2019	Paydown		559,577	559,577	558,178	558,173	1,404			1,404	559,577			4,756	06/20/2035	1		
38374L-W3-1	GNR 2005-69 YG PAC-11 5.500% 09/20/35		03/01/2019	Paydown		197,007	197,007	197,662	197,007					197,007			1,829	09/20/2035	1		

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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-foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consid-eration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization)/ Accretion	Current Year's Other Than Temporary Impairment Recogn-ized	Total Change in Book/ Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Con-tractual Maturity Date	NAIC Desig-nation and Admini-strative Symbol /Market Indicator (a)	
..38381A-AJ-5	GNR 2018-128 SA SC 10 INV NTL PT 3.780% 03/20/41		03/20/2019	Paydown				236,716	229,377				(229,377)									
..455780-AE-6	AID-INDONESIA US GOVT GUARANT 7.210% 07/01/23		01/01/2019	Redemption 100.0000		667,982	667,982	657,883	665,993		1,989		1,989		667,982				24,081	07/01/2023	1	
..49549C-AA-6	KING INTL LEASING LLC US GOVT GUARANT 2.754% 10/15/22		01/15/2019	Redemption 100.0000		54,787	54,787	54,787	54,787						54,787				377	10/15/2022	1	
..690353-XM-4	OVERSEAS PRIVATE INV COR US GOVT GUARANT 3.590% 12/15/30		03/15/2019	Redemption 100.0000		28,571	28,571	28,571	28,571						28,571				256	12/15/2030	1	
..690353-XN-2	OVERSEAS PRIVATE INV COR US GOVT GUARANT 3.540% 06/15/30		03/15/2019	Redemption 100.0000		147,056	147,056	147,056	147,056						147,056				1,301	06/15/2030	1	
..690353-XR-3	OVERSEAS PRIVATE INV COR US GOVT GUARANT 3.938% 12/20/32		01/20/2019	Redemption 100.0000		90,326	90,326	90,326	90,326						90,326				4,774	12/20/2032	1	
..746388-AA-5	PURPLE CHEN 2011 LLC US GOVT GUARANT 2.735% 08/01/23		02/01/2019	Redemption 100.0000		109,276	109,276	109,276	109,276						109,276				747	08/01/2023	1	
..797224-AA-0	SAN CLEMENTE LEASING LLC US GOVT GUARANT 3.585% 08/27/21		02/27/2019	Redemption 100.0000		116,761	116,761	116,761	116,761						116,761				1,046	08/27/2021	1	
..797224-AB-8	SAN CLEMENTE LEASING LLC US GOVT GUARANT 3.350% 06/07/22		03/07/2019	Redemption 100.0000		185,830	185,830	185,830	185,830						185,830				1,556	06/07/2022	1	
..797224-AC-6	SAN CLEMENTE LEASING LLC US GOVT GUARANT 3.030% 11/22/22		02/22/2019	Redemption 100.0000		89,996	89,996	89,996	89,996						89,996				682	11/22/2022	1	
..805649-AA-8	SAYARRA LTD US GOVT GUARANT 2.774% 10/29/21		01/29/2019	Redemption 100.0000		122,650	122,650	122,650	122,650						122,650				851	10/29/2021	1	
..876780-AA-5	TAYARRA LTD US GOVT GUARANT 3.628% 02/15/22		02/15/2019	Redemption 100.0000		116,483	116,483	116,483	116,483						116,483				1,057	02/15/2022	1	
..89609G-AA-0	TRICAHUE LEASING LLC US GOVT GUARANT 3.503% 11/19/21		02/19/2019	Redemption 100.0000		115,081	115,081	115,081	115,081						115,081				1,008	11/19/2021	1	
..89609G-AB-8	TRICAHUE LEASING LLC US GOVT GUARANT 3.744% 02/26/22		02/26/2019	Redemption 100.0000		86,201	86,201	86,201	86,201						86,201				807	02/26/2022	1	
..912828-KD-1	US TREASURY N/B United States Treasury No 2.75 2.750% 02/15/19		02/15/2019	Maturity		1,300,000	1,300,000	1,271,004	1,299,586		414		414		1,300,000				17,875	02/15/2019	1	
..ZZ2660-77-2	FEDERAL HOUSING ADMINISTRATION FHA PROJECT LOAN -CLC/PLC 7.750% 01/25/23		03/13/2019	Paydown		79,947	79,947	79,947	79,947						79,947				1,035	01/25/2023	1	
0599999	Subtotal - Bonds - U.S. Governments					309,346,173	305,430,578	306,602,773	304,552,452		426,293		426,293		304,979,250		4,366,923	4,366,923	2,998,689	XXX	XXX	
..669827-DF-1	NOVA SCOTIA PROVINCE SR UNSEC 9.500% 02/01/19	A	02/01/2019	Maturity		23,750,000	23,750,000	23,809,675	23,750,512		(512)		(512)		23,750,000				1,128,125	02/01/2019	1FE	
..683234-8D-3	ONTARIO -PROVINCE OF SR UNSEC 4.000% 10/07/19	A	01/18/2019	NATIONAL BANC FINANCIAL		5,042,250	5,000,000	4,991,400	4,999,217		.61		.61		4,999,278		42,972	42,972	58,889	10/07/2019	1FE	
..105756-BE-9	FED REPUBLIC OF BRAZIL SR UNSEC 8.875% 10/14/19	D	01/25/2019	Various		4,490,800	4,300,000	4,327,375	4,302,536		(109)		(109)		4,302,427		188,373	188,373	98,882	10/14/2019	3FE	
..105860-AA-8	STATE OF MINAS GERAIS GOVT GTD. 5.333% 02/15/28	D	02/15/2019	Redemption 100.0000		3,920,000	3,920,000	4,003,107	3,958,688		(38,688)		(38,688)		3,920,000					02/15/2028	3FE	
..12802D-AL-0	CAISSE D'AMORT DETTE SOC SR UNSEC 1.875% 02/12/22	D	03/05/2019	CIBC WORLD MARKETS UCI CAPITAL MARKETS LLC		7,223,880	7,400,000	7,379,280	7,390,441		530		530		7,390,971		(167,091)	(167,091)	79,053	02/12/2022	1FE	
..445545-AK-2	HUNGARY SR UNSEC 4.000% 03/25/19	D	01/08/2019			4,655,580	4,650,000	4,620,054	4,648,497		163		163		4,648,660		6,920	6,920	54,250	03/25/2019	2FE	
..46513E-5Y-4	STATE OF ISRAEL SR UNSEC 5.125% 03/26/19	D	03/26/2019	Maturity		10,081,000	10,081,000	10,030,393	10,079,518		1,482		1,482		10,081,000				258,326	03/26/2019	1FE	
..50064F-AJ-3	REPUBLIC OF KOREA SR UNSEC 7.125% 04/16/19	D	01/08/2019	WELLS FARGO		5,058,000	5,000,000	4,952,600	4,998,121		161		161		4,998,282		59,718	59,718	83,125	04/16/2019	1FE	
..63983T-AZ-8	NEDER WATERSCHAPS BANK SR UNSEC 1.875% 04/14/22	D	02/20/2019	CIBC WORLD MARKETS		7,767,150	7,950,000	7,917,882	7,934,386		659		659		7,935,045		(167,895)	(167,895)	53,000	04/14/2022	1FE	
..718286-CG-0	REPUBLIC OF PHILIPPINES SR UNSEC 3.750% 01/14/29	D	01/08/2019	CLSA AMERICAS LLC STANDARD CHARTERED BANK		3,001,500	3,000,000	2,992,080							2,992,080		9,420	9,420		01/14/2029	2FE	
..74727P-AK-7	STATE OF QATAR SR UNSEC 5.250% 01/20/20	D	03/08/2019			13,247,000	13,000,000	12,968,540	12,995,797		756		756		12,996,552		250,448	250,448	439,833	01/20/2020	1FE	
..77586R-AC-4	ROMANIA SR UNSEC 6.125% 01/22/44	D	03/29/2019	Various		9,201,250	8,000,000	9,373,750	9,284,775		(6,516)		(6,516)		9,278,259		(77,009)	(77,009)	339,427	01/22/2044	2FE	
..77586R-AF-7	ROMANIA SR UNSEC 5.125% 06/15/48	D	03/29/2019	BNP PARIBAS		1,885,750	1,900,000	1,878,473	1,878,640		.78		.78		1,878,719		7,031	7,031	28,942	06/15/2048	2FE	

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Table with columns: 1 CUSIP Identification, 2 Description, 3 Foreign, 4 Disposal Date, 5 Name of Purchaser, 6 Number of Shares of Stock, 7 Consideration, 8 Par Value, 9 Actual Cost, 10 Prior Year Book/ Adjusted Carrying Value, 11-15 Change in Book/ Adjusted Carrying Value, 16 Book/ Adjusted Carrying Value at Disposal Date, 17 Foreign Exchange Gain (Loss) on Disposal, 18 Realized Gain (Loss) on Disposal, 19 Total Gain (Loss) on Disposal, 20 Bond Interest/ Stock Dividends Received During Year, 21 Stated Contractual Maturity Date, 22 NAIC Designation and Administrative Symbol /Market Indicator (a).

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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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange 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 Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
..001820-AA-6	AMZN-ROMULUS-MI CTL PT TRUST-A 3.497% 10/31/38		03/31/2019	Redemption 100.0000		362,248	362,248	362,248	362,248						362,248				2,113	10/31/2038	1.....
..00184*-AA-6	AMZN-NORTH RANDALL-OH CTL PT T 3.610% 03/31/39		03/19/2019	Redemption 100.0000		3,678,214	3,678,214	3,678,214	3,678,214						3,678,214				132,773	03/31/2039	1.....
..00253C-HK-6	AMT 2001-4 M1 MEZ STEP AFC NAS 7.150% 01/25/32		01/01/2019	Paydown		73,885		52,597	62,683						62,683		(62,683)	(62,683)	440	01/25/2032	1FM.....
..00253C-HX-8	AMT 2002-2 M1 MEZ STEP AFC NAS 6.150% 03/25/33		03/01/2019	Paydown		11,393		11,389	11,364		29		29		11,393				146	03/25/2033	1FM.....
..00257#-AA-4	HIGHWAY 94 PARTNERS-LLC-ABB SR-SEC 3.750% 08/01/24		03/01/2019	Redemption 100.0000		218,729	218,729	218,729	218,729						218,729				1,368	08/01/2024	1.....
..00392#-AA-0	ABTEEN VENTURES-LLC SR-UNSEC 3.930% 08/15/39		03/15/2019	Redemption 100.0000		366,286	366,286	366,286	366,286						366,286				1,040	02/15/2029	1Z.....
..00436M-AA-3	AALLC 2018-1 A SEQ 3.870% 12/02/33		03/02/2019	Paydown		1,094,865	1,094,865	1,094,588	1,094,601		264		264		1,094,865				7,146	12/02/2033	1FE.....
..00440E-AR-8	CHUBB INA HOLDINGS INC CO.GUARNT 3.350% 05/15/24		03/13/2019	WELLS FARGO		10,139,700	10,000,000	9,985,000	9,991,253		301		301		9,991,554		148,146	148,146	111,667	05/15/2024	1FE.....
..004421-EX-7	ACE 2004-OP1 M2 MEZ FLT STEP 4.061% 04/25/34		03/25/2019	Paydown		18,371	18,371	16,610	17,095		1,275		1,275		18,371				149	04/25/2034	1FM.....
..004421-MM-0	ACE 2005-SN1W A2 STEP AFC 5.230% 11/25/39		02/01/2019	Paydown		419,280		419,280	388,735		15,845		15,845		419,280				3,068	11/25/2039	1FM.....
..006346-AS-9	ADMSO 2018-1 A SEQ 4.810% 11/15/48		03/15/2019	Paydown		103,078	103,078	103,074	103,074		3		3		103,078				826	11/15/2048	1FE.....
..007036-HA-7	ARMT 2005-2 6M2 MEZ FLT STEP AFC IR 3.466% 06/25/35		03/25/2019	Paydown		415,074	415,074	378,347	401,264		13,810		13,810		415,074				4,175	06/25/2035	1FM.....
..00707*-AA-4	ADLER-TN-TX-NC SENIOR GROUND L SR-SEC 4.610% 10/15/47		03/15/2019	Redemption 100.0000		29,226	29,226	29,226	29,226						29,226				225	10/15/2047	1PL.....
..00790*-AA-2	AERA ENERGY CTL PT TRUST 2011-SR-SEC 4.723% 06/15/19		03/11/2019	Call 100.4290		8,205,596	8,170,547	8,170,547	8,170,547						8,170,547				127,231	06/15/2019	1.....
..00790*-AA-2	AERA ENERGY CTL PT TRUST 2011-SR-SEC 4.723% 06/15/19		02/15/2019	Redemption 100.0000		578,412	578,412	578,412	578,412						578,412				3,417	06/15/2019	1.....
..00793#-AA-5	ADVOCATE CTL PT TRUST 3.725% 07/15/36		03/15/2019	Redemption 100.0000		103,489	103,489	103,489	103,489						103,489				643	07/15/2036	1.....
..00938#-AA-1	WALGREEN CO-BATON ROUGE SR-SEC 6.890% 10/15/32		03/15/2019	Redemption 100.0000		21,905	21,905	21,905	21,905						21,905				252	10/15/2032	2.....
..010392-EK-0	ALABAMA POWER CO SR UNSEC 5.125% 02/15/19		02/15/2019	Maturity		20,000,000	20,000,000	19,907,000	19,998,928		1,072		1,072		20,000,000				512,500	02/15/2019	1FE.....
..01126#-AA-1	ALAMO 6-LLC 4.170% 03/31/42		03/31/2019	Redemption 100.0000		244,020	244,020	244,020	244,020						244,020				5,088	03/31/2042	2.....
..01560#-AA-4	ALGIERS R/E VENTURES LLC-WAG N SR-SEC 6.930% 03/15/34		03/15/2019	Redemption 100.0000		21,923	21,923	21,923	21,923						21,923				254	03/15/2034	2.....
..020002-AZ-4	ALLSTATE CORP SR UNSEC 3.150% 06/15/23		01/08/2019	WELLS FARGO		4,979,450	5,000,000	4,990,150	4,995,252		25		25		4,995,277		(15,827)	(15,827)	10,938	06/15/2023	1FE.....
..02147Q-AE-2	CIWALT 2006-19CB AS SSNR NAS 6.000% 08/25/36		03/01/2019	Paydown		240,038	371,338	156,653	151,166		142,120		142,120		293,286		(53,248)	(53,248)	3,436	08/25/2036	1FM.....
..02148F-AW-5	CIWALT 2007-4CB 1A10 SEQ AS 5.750% 04/25/37		03/01/2019	Paydown		206,110	222,501	86,911	85,461		126,915		126,915		212,376		(6,265)	(6,265)	2,225	04/25/2037	1FM.....
..02148Y-AD-6	CIWALT 2006-42 1A4 SSNR NAS 6.000% 01/25/47		03/01/2019	Paydown		103,253	114,431	25,977	22,774		82,711		82,711		105,486		(2,233)	(2,233)	785	01/25/2047	1FM.....
..02149F-AH-7	CIWALT 2006-43CB 1A8 FLT AS 2.936% 02/25/37		03/25/2019	Paydown		90,657	121,682	45,322	43,157		58,515		58,515		101,672		(11,015)	(11,015)	575	02/25/2037	1FM.....
..02149H-AK-6	CIWALT 2007-2CB 1A10 SSNR NAS 5.750% 03/25/37		03/01/2019	Paydown		181,028	170,876	37,620	37,349		141,459		141,459		178,808		2,220	2,220	1,709	03/25/2037	1FM.....
..02151C-BD-7	CIWALT 2007-15CB A19 EXCH SSNR AS 5.750% 07/25/37		03/01/2019	Paydown		154,249	156,523	78,448	80,125		75,259		75,259		155,385		(1,135)	(1,135)	1,511	07/25/2037	1FM.....
..02151F-AD-1	CIWALT 2007-21CB 1A4 SSNR NAS 6.000% 09/25/37		03/01/2019	Paydown		379,625	419,647	245,306	244,700		158,281		158,281		402,982		(23,357)	(23,357)	4,206	09/25/2037	1FM.....
..02151N-BA-9	CIWALT 2007-18CB 2A18 EXCH SSNR NAS 6.000% 08/25/37		03/01/2019	Paydown		188,401	203,031	44,312	47,116		144,635		144,635		191,751		(3,350)	(3,350)	1,973	08/25/2037	1FM.....
..02639M-AK-2	AGFMT 2006-1 A4 AFC AS 5.750% 12/25/35		03/01/2019	Paydown		437,063	437,063	371,504	411,430		25,633		25,633		437,063				4,476	12/25/2035	1FM.....
..02660T-BN-2	AHM 2004-3 4A XRESET FLT DLY AFC A 4.385% 10/25/34		03/01/2019	Paydown		541,318	541,318	524,402	527,017		14,301		14,301		541,318				4,014	10/25/2034	1FM.....

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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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange 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 Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
..02660T-CF-8	AHM 2004-4 2A2 FLT STEP AFC IRC SS 3.206% 02/25/45		03/25/2019	Paydown		217,051	217,051	185,829	217,051						217,051				1,376	02/25/2045	1FM
..02660T-FG-3	AHM 2005-2 4A2 XRESET FLT DLY AFC 4.185% 09/25/45		03/01/2019	Paydown		454,387	454,387	427,329	426,901		27,486		27,486		454,387				2,720	09/25/2045	1FM
..028909-AC-3	AMRES 1994-1 AMRES 1994-1 7.085% 02/18/24		03/01/2019	Paydown		2,822	3,622				2,822		2,822		2,822				42	02/18/2024	6*
..02928#-AN-1	AMRESCO RESIDENTIAL SECURITIES AMRES 1993-1B 7.095% 05/18/23		03/01/2019	Paydown		4,155	4,155	4,155	3,843	312			312		4,155				48	05/18/2023	6*
..02928#-AQ-4	AMRESCO RESIDENTIAL SECURITIES AMRES 1993-3 6.500% 12/18/23		03/01/2019	Paydown		4,454	5,207	5,136	4,816	391			391		5,207		(753)	(753)	57	12/18/2023	6*
..03072S-JC-0	AMSI 2003-8 AF4 STEP AFC SEQ 5.820% 10/25/33		02/01/2019	Paydown		5,786,394	5,786,394	5,785,850	5,781,768		4,626		4,626		5,786,394				55,949	10/25/2033	1FM
..03072S-KZ-7	AMSI 2003-101 AF5 STEP AFC SEQ 5.129% 12/25/33		03/01/2019	Paydown		4,896,316	4,896,316	4,894,441	4,892,452		3,863		3,863		4,896,316				80,477	12/25/2033	1FM
..03072S-OP-3	AMSI 2004-FR1 A6 STEP AFC AS 4.452% 05/25/34		03/01/2019	Paydown		583,753	583,753	583,753	583,753						583,753				3,871	05/25/2034	1FM
..031100-E#-3	AMITEK INC L-SR-UNSEC 3.980% 09/30/29		01/16/2019	Tax Free Exchange		20,000,000	20,000,000	20,000,000	20,000,000					20,000,000					234,378	09/30/2029	2
..031100-E*-7	AMITEK INC J-SR-UNSEC 3.730% 09/30/24		01/16/2019	Tax Free Exchange		10,000,000	10,000,000	10,000,000	10,000,000					10,000,000					109,828	09/30/2024	2
..031100-E@-5	AMITEK INC K-SR-UNSEC 3.830% 09/30/26		01/16/2019	Tax Free Exchange		10,000,000	10,000,000	10,000,000	10,000,000					10,000,000					112,772	09/30/2026	2
..031100-G@-3	AMITEK INC 1.530% 10/31/28		01/16/2019	Tax Free Exchange		21,955,102	21,955,102	21,955,102	22,915,020				(959,918)	21,955,102					73,606	10/31/2028	2
..031100-H*-4	AMITEK-INC 2.700% 11/23/31		01/16/2019	Tax Free Exchange		8,679,264	8,679,264	8,679,264	8,922,198				(242,934)	8,679,264					35,841	11/23/2031	2
..031162-AZ-3	AMGEN INC SR UNSEC 5.700% 02/01/19		02/01/2019	Maturity		10,000,000	10,000,000	9,977,700	9,999,755		245		245		10,000,000				285,000	02/01/2019	2FE
..032095-AC-5	AMPHENDOL CORP SR UNSEC 2.550% 01/30/19		01/30/2019	Maturity		5,500,000	5,500,000	5,491,530	5,499,859		141		141		5,500,000				70,125	01/30/2019	2FE
..03523T-BB-3	ANHEUSER-BUSCH INBEV WOR CO GUARNT 4.375% 02/15/21		02/15/2019	TENDER SALE		1,991,240	2,000,000	1,985,660	1,996,435		179		179		1,996,615		(5,375)	(5,375)	42,778	02/15/2021	2FE
..03523T-BP-2	ANHEUSER-BUSCH INBEV WOR CO GUARNT 2.500% 07/15/22		02/11/2019	TENDER SALE		47,834,917	50,950,000	50,704,421	50,855,881		2,873		2,873		50,858,754		(3,023,837)	(3,023,837)	728,868	07/15/2022	2FE
..035240-AD-2	ANHEUSER-BUSCH INBEV WOR CO GUARNT 3.750% 01/15/22		02/11/2019	TENDER SALE		45,159,604	46,125,000	47,921,292	47,232,825		(39,430)		(39,430)		47,193,396		(2,033,792)	(2,033,792)	989,766	01/15/2022	2FE
..03765@-AA-5	APOLLON ONE CORP-WAG CHARLESTO SR-SEC 6.650% 09/15/34		03/15/2019	Redemption 100.0000		33,855	33,855	33,855	33,855					33,855					376	09/15/2034	2
..03766E-AB-3	AASET 2016-2 A SEQ 4.212% 11/15/41		03/15/2019	Paydown		563,966	563,966	563,949	563,949		17		17		563,966				2,341	11/15/2041	1FE
..03766K-AA-1	AASET 2016-1A A ARB SEQ 4.875% 03/17/36		03/15/2019	Paydown		260,424	260,424	256,712	257,141		3,283		3,283		260,424				2,116	03/17/2036	1FE
..037833-BY-5	CITIGROUP GLOBAL MARKETS INC 100.0000		03/04/2019	Redemption		20,001,000	20,000,000	19,956,000	19,967,148		712		712		19,967,860		33,140	33,140	348,472	02/23/2026	1FE
..03785#-AA-9	APPLE-CUPERTINO-CA CTL PT TRUS SR-SEC 4.140% 06/15/28		03/15/2019	Redemption 100.0000		350,401	350,401	352,153	352,005		(1,604)		(1,604)		350,401				2,421	06/15/2028	1PL
..03927N-AA-1	ARCAP 2005 1A A SEQ CDO-CRE CDO 5.450% 12/21/42		03/01/2019	Paydown		253,245	253,245	160,954	185,861		67,384		67,384		253,245				2,217	12/21/2042	1AM
..03927P-AE-8	ARCAP 2004 RRB B MEZ CDO-CRE CDO 5.040% 09/21/45		03/01/2019	Paydown		171,072	171,072	172,779	168,127	2,945			2,945		171,072				1,396	09/21/2045	6FE
..040104-JB-8	ARS1 2004-W7 M1 MEZ FLT STEP NAS 3.311% 05/25/34		03/25/2019	Paydown		151,426	151,426	111,014	131,968		19,459		19,459		151,426				838	05/25/2034	1FM
..04541G-EL-2	ABSHE 2003-HE3 M1 MEZ FLT STEP IRC 3.729% 06/15/33		03/15/2019	Paydown		99,728	99,728	94,368	99,728					99,728					644	06/15/2033	1FM
..04560*-AK-0	ASSOCIATED ELECTRIC COOP INC 3.580% 05/31/47		02/28/2019	Redemption 100.0000		246,757	246,757	246,757	246,757					246,757					2,208	02/28/2047	1
..04774#-AA-0	ATLANTA FALCONS STADIUM CO-LLC 3.590% 09/01/42		03/01/2019	Redemption 100.0000		441,006	441,006	441,006	441,006					441,006					7,916	09/01/2042	2FE
..04774#-AB-8	ATLANTA FALCONS STADIUM CO-LLC 3.590% 09/01/42		03/01/2019	Redemption 100.0000		311,298	311,298	311,298	311,298					311,298					5,588	09/01/2042	2FE
..049560-AJ-4	ATMOS ENERGY CORP SR UNSEC 8.500% 03/15/19		03/15/2019	Maturity		15,000,000	15,000,000	14,971,950	14,999,160		840		840		15,000,000				637,500	03/15/2019	1FE
..054561-AG-0	AXA EQUITABLE HOLDINGS I SR UNSEC 4.350% 04/20/28		01/16/2019	Tax Free Exchange		14,973,925	15,000,000	14,972,250	14,973,831		94		94		14,973,925				155,875	04/20/2028	2FE
..054561-AK-1	AXA EQUITABLE HOLDINGS I SR UNSEC 5.000% 04/20/48		01/23/2019	Tax Free Exchange		5,982,618	6,000,000	5,982,420	5,982,602		16		16		5,982,618				77,500	04/20/2048	2FE

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

1 CUSIP Identification	2 Description	3 Foreign	4 Disposal Date	5 Name of Purchaser	6 Number of Shares of Stock	7 Consideration	8 Par Value	9 Actual Cost	10 Prior Year Book/ Adjusted Carrying Value	Change In Book/Adjusted Carrying Value					16 Book/ Adjusted Carrying Value at Disposal Date	17 Foreign Exchange Gain (Loss) on Disposal	18 Realized Gain (Loss) on Disposal	19 Total Gain (Loss) on Disposal	20 Bond Interest/ Stock Dividends Received During Year	21 Stated Contractual Maturity Date	22 NAIC Designation and Administrative Symbol/Market Indicator (a)		
										11 Unrealized Valuation Increase/(Decrease)	12 Current Year's (Amortization)/ Accretion	13 Current Year's Other Than Temporary Impairment Recognized	14 Total Change in Book/ Adjusted Carrying Value (11 + 12 - 13)	15 Total Foreign Exchange Change in Book /Adjusted Carrying Value									
054900-AJ-7	BCAP 2015-RR6 3A2 EXCH SC MEZ FLT D 3.421% 05/26/46		03/01/2019	Paydown		662,709	662,709	579,870	608,044				54,665				662,709				4,457	05/26/2046	1FM
054900-AJ-7	BCAP 2015-RR6 3A2 EXCH SC MEZ FLT D 3.421% 05/26/46		01/02/2019	Paydown		167,741	167,741	146,773	153,904				13,837				167,741				433	05/26/2046	6*
05530V-AA-7	BCAP 2007-AA3 1A1A FLT STEP IRC SSN 2.696% 04/25/37		03/25/2019	Paydown		102,477	102,477	91,205	94,108				8,370				102,477				431	04/25/2037	1FM
05530V-AB-5	BCAP 2007-AA3 1A1B FLT STEP IRC SSN 2.626% 04/25/37		03/25/2019	Paydown		282,326	282,326	251,270	259,276				23,050				282,326				1,157	04/25/2037	1FM
05566S-AA-1	BURLINGTN NO SF 05-3 TR PT CERTS 4.830% 01/15/23		01/15/2019	Redemption	100.0000	509,599	509,599	515,004	510,827				(1,228)				509,599				12,317	01/15/2023	1FE
05584A-AA-9	BGS HUNTSVILLE 2016 CTL PT TRU 3.470% 08/15/35		03/15/2019	Redemption	100.0000	473,166	473,166	473,166	473,166								473,166				2,739	11/15/2033	1PL
05584A-AB-6	HGVGI 2017-1A A SEQ 2.940% 05/25/29		03/25/2019	Paydown		403,370	403,370	403,370	403,286				84				403,370				1,957	05/25/2029	1FE
05587*-AA-8	HGVGI 2017-1A B SUB 3.240% 05/25/29		03/25/2019	Paydown		133,291	133,291	133,272	133,276				16				133,291				713	05/25/2029	2AM
05606*-AB-3	FEDEX CTL PT TRUST-SER 2017A-F 4.260% 03/15/37		03/15/2019	Redemption	100.0000	200,325	200,325	200,325	200,325								200,325				1,424	03/15/2037	1PL
05606*-AC-1	BD DALLAS TX LANDLORD-LLC-BBA SR-SEC 4.425% 01/31/36		03/31/2019	Redemption	100.0000	133,390	133,390	128,338	129,109				4,281				133,390				993	01/31/2036	3
05607B-AA-9	BD DALLAS TX LANDLORD-LLC-BBA SR 4.600% 01/31/36		03/30/2019	Redemption	100.0000	36,348	36,348	36,348	36,348								36,348				281	01/30/2036	3
05607B-AB-7	BXGNT 2017-A A SEQ 2.950% 10/04/32		03/02/2019	Paydown		478,550	478,550	478,538	478,540				10				478,550				2,373	10/04/2032	1FE
05607U-AC-3	BXGNT 2017-A B SUB 3.590% 10/04/32		03/02/2019	Paydown		119,848	119,848	119,848	119,842				6				119,848				723	10/04/2032	2AM
05643*-AA-6	BXGNT 2018-A C SUB 4.440% 02/02/34		03/02/2019	Paydown		360,114	360,114	360,041	360,043				71				360,114				2,763	02/02/2034	2AM
05946X-BH-5	BACONTON POWER LLC B-SR-SEC 6.840% 09/30/22		03/31/2019	Redemption	100.0000	1,642,501	1,642,501	1,642,501	1,642,501								1,642,501				28,087	09/30/2022	1
05946X-BJ-1	BAFC 2002-2 A3 Z SSNR AS 6.000% 11/25/32		03/01/2019	Paydown		46,589	46,589	43,662	44,175				2,414				46,589				520	11/25/2032	1FM
05946X-KR-3	BAFC 2002-2 A4 SSNR NAS 6.000% 11/25/32		03/01/2019	Paydown		98,465	98,465	99,862	99,736				(1,270)				98,465				1,100	11/25/2032	1FM
05946X-L9-2	BAFC 2004-4 1A3 SEQ AS 5.500% 11/25/34		03/01/2019	Paydown		27,495	27,495	26,895	26,906				588				27,495				240	11/25/2034	1FM
05947U-WF-1	BAFC 2005-6 1A1 SSNR NAS 5.500% 10/25/35		03/01/2019	Paydown		10,463	10,463	9,331	9,683				781				10,463				102	10/25/2035	2FM
05948K-B6-5	BACM 2004-4 XC 10 CSTR NTL 0.328% 07/10/42		03/01/2019	Paydown		133,633	133,633	143,232	151,679				27,533				133,633				3	07/10/2042	6*
05948K-C9-8	BOAA 2005-5 5CB1 NAS 5.500% 06/25/35		03/01/2019	Paydown		160,918	164,292	167,378	158,276				5,898				164,173				1,227	07/25/2035	1FM
05948K-F2-0	BOAA 2005-6 CB1 NAS 5.500% 07/25/35		03/01/2019	Paydown		82,543	98,995	90,639	90,759				6,867				97,626				1,189	07/25/2035	2FM
05948K-F3-8	BOAA 2005-6 5A2 SEQ AS 5.500% 07/25/35		03/01/2019	Paydown		10,258	12,175	8,501	9,409				2,331				11,739				149	07/25/2035	1FM
05948K-P3-7	BOAA 2005-9 4A1 SSNR NAS 5.500% 10/25/35		03/01/2019	Paydown		6,929	23,748	14,974	15,801				2,330				18,130				205	10/25/2035	1FM
05948Y-YR-6	BOAMS 2003-J B1 SUB CSTR NAS 4.670% 11/25/33		03/01/2019	Paydown		406,213	406,213	377,270	380,008				26,205				406,213				3,233	11/25/2033	1FM
05949A-LK-4	BOAMS 2004-G 3A1 CSTR PT SSNR AS 4.591% 08/25/34		03/01/2019	Paydown		959,596	959,596	792,754	717,736				241,860				959,596				6,891	08/25/2034	1FM
05949A-VN-7	BOAMS 2004-9 1A3 SEQ SSNR AS 5.500% 11/25/34		03/01/2019	Paydown		116,269	116,269	113,637	113,689				2,581				116,269				1,439	11/25/2034	1FM
05949A-XG-0	BOAMS 2004-K 2A1 CSTR PT AS 4.487% 12/25/34		03/01/2019	Paydown		227,978	227,978	222,848	223,369				4,609				227,978				2,449	12/25/2034	1FM
05949C-GN-0	BOAMS 2005-8 A1 SSNR NAS 5.500% 09/25/35		03/01/2019	Paydown		158,007	228,501	210,328	225,666				2,058				227,724				2,549	09/25/2035	4FM
05949Q-BB-0	BAFC 2006-2 2A20 SEQ AS 5.750% 03/25/36		03/01/2019	Paydown		144,527	155,991	107,137	87,498				63,453				150,951				1,491	03/25/2036	1FM
05949T-BF-5	BAFC 2006-1 3A1 PT SSNR AS 5.500% 01/25/36		03/01/2019	Paydown		25,203	29,301	18,881	17,057				10,523				27,580				336	01/25/2036	1FM
05949Y-AC-2	BOAMS 2006-1 A3 Z SEQ SSNR AS 6.000% 05/25/36		03/01/2019	Paydown		41,928	69,706	48,161	49,899				12,030				61,729				623	05/25/2036	1FM
05949Y-AF-5	BOAMS 2006-1 A6 SSNR NAS 6.000% 05/25/36		03/01/2019	Paydown		43,529	87,347	43,254	43,024				26,646				69,670				780	05/25/2036	1FM
05950M-AF-7	BAFC 2006-G 2A5 FLT STEP AFC IRC PT 2.767% 07/20/36		02/20/2019	Paydown		664,313	664,313	617,811	632,473				31,840				664,313				2,721	07/20/2036	1FM
05950N-BK-3	BAFC 2006-5 4A2 SSNR NAS 6.000% 09/25/36		03/01/2019	Paydown		160,809	160,809	159,697	159,719				1,089				160,809				1,041	09/25/2036	2FM
05950R-AK-5	BAFC 2006-6 1A10 SSNR NAS 6.000% 08/25/36		03/01/2019	Paydown		176,578	185,452	174,560	180,310				4,894				185,204				1,216	08/25/2036	3FM
05951K-AK-9	BAFC 2006-7 1A9 PAC-11 AS 6.000% 09/25/36		03/01/2019	Paydown		57,482	102,503	27,797	10,612				51,495				82,107				903	09/25/2036	1FM

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										11	12	13	14	15								
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)	
05951V-AA-7	BAFC 2006-1 1A1 CSTR SSNR AS 4.468% 12/20/36		03/01/2019	PAYDOWN		442,485	442,485	422,974	423,276		19,209		19,209		442,485				2,753	12/20/2036	1FM	
05952A-AH-7	BACM 2008-1 AJ CSTR 6.133% 02/10/51 BANK OF AMERICA CORP SUBORD 5.490% 03/15/19		01/18/2019	MORGAN STANLEY & CO. INC.		1,114,545	1,092,691	1,170,849	1,091,161		(28)		(28)		1,091,133		23,412	23,412		02/10/2051	1FM	
060505-DB-7	BAFC 2002-1 A1 NAS 7.000% 04/20/32		03/15/2019	Maturity		14,500,000	14,500,000	14,374,246	14,497,143		2,857		2,857		14,500,000				398,025	03/15/2019	2FE	
06051G-AA-7	BAFC 2004-2 2A1 PT AS 6.500% 07/20/32		03/01/2019	PAYDOWN		732	732	750	732						732				12	04/20/2032	1FM	
06051G-BR-9	BAFC 2004-2 3A6 SEQ AS 5.500% 09/20/34		03/01/2019	PAYDOWN		119,148	119,148	114,966	114,966		4,183		4,183		119,148				1,829	07/20/2032	1FM	
06051G-BZ-1	BAFC 2005-D B1 SUB CSTR NAS 4.633% 05/25/35		03/01/2019	PAYDOWN		237,772	237,772	230,354	230,787		6,985		6,985		237,772				3,020	09/20/2034	1FM	
06051G-DQ-9	BANK OF AMERICA CORP SR UNSEC 3.824% 01/20/28		03/01/2019	PAYDOWN		126,520	126,520	120,036	120,445		6,075		6,075		126,520				1,003	05/25/2035	1FM	
06051G-GF-0	BSOMS 2004-T16 X1 I0 CSTR NTL 1.318% 02/13/46		03/25/2019	BANK OF AMERICA		35,301,950	35,000,000	35,000,000	35,000,000						35,000,000		301,950	301,950	890,673	01/20/2028	1FE	
07383F-V5-4	BSARM 2004-1 21A1 CSTR AS 4.468% 04/25/34		03/01/2019	PAYDOWN				2,019	2,019						2,019		(2,019)	(2,019)	2,685	02/13/2046	6*	
07384M-K2-7	BSARM 2004-3 2A CSTR AS 4.017% 07/25/34		03/01/2019	PAYDOWN		17,875	17,875	17,814	17,814		59		59		17,875				124	04/25/2034	1FM	
07384M-08-8	BEAR SIWAMP FINANCE LTD PTNSP SR 4.890% 10/08/25		01/03/2019	REDEMPTION 100.0000		1,707,840	1,707,840	1,707,840	1,707,840		51		51		1,707,840				1,896	07/25/2034	1FM	
07387#-AA-2	BEAR SIWAMP FINANCE LTD PTNSP SR 4.890% 10/08/25		03/31/2019	REDEMPTION 100.0000		156,769	156,769	156,769	156,769						156,769					1,917	10/08/2025	2PL
07387#-AA-2	BSABS 2004-HE9 M1 MEZ FLT STEP IRC 3.461% 11/25/34		03/25/2019	PAYDOWN		509,184	509,184	446,112	471,537		37,647		37,647		509,184				2,911	11/25/2034	1FM	
073879-KC-1	BSABS 2005-AC1 A CSTR STEP AFC 6.000% 02/25/35		03/01/2019	PAYDOWN		293,972	293,972	230,574	213,970		80,003		80,003		293,972				2,383	02/25/2035	1FM	
073879-0E-1	BSABS 2005-AC2 1A STEP AFC 5.250% 04/25/35		03/01/2019	PAYDOWN		163,929	163,929	132,157	118,321		45,608		45,608		163,929				1,867	04/25/2035	1FM	
073879-SL-3	BSARM 2006-1 A1 XRESET FLT DLY AFC S 4.800% 02/25/36		03/01/2019	PAYDOWN		249,255	249,255	238,966	243,510		5,746		5,746		249,255				1,723	02/25/2036	1FM	
07387A-GZ-2	BSOMS 2006-T22 D SUB CSTR 5.740% 04/12/38		03/01/2019	PAYDOWN		679,375	679,375	600,553	638,694		40,681		40,681		679,375				5,601	04/12/2038	1FM	
07387B-FY-4	BSABS 2007-HE7 1A1 FLT IRC SSNR 3.486% 10/25/37		03/25/2019	PAYDOWN		175,155	175,155	161,296	166,267		8,888		8,888		175,155				1,072	10/25/2037	1FM	
07387V-AA-7	BSOMS 2007-T28 C SUB CSTR 5.165% 09/11/42		02/01/2019	PAYDOWN		549,231	549,231	505,293	505,293		43,939		43,939		549,231				10,384	09/11/2042	1FM	
073945-AL-1	BSMF 2007-AR5 1A1A FLT STEP AFC SSN 2.656% 06/25/47		03/25/2019	PAYDOWN		114,269	114,269	94,986	96,167		18,102		18,102		114,269				501	06/25/2047	1FM	
07400N-AA-8	BSMF 2007-AR5 2A1 FLT STEP AFC IRC 2.666% 06/25/37		03/25/2019	PAYDOWN		463,520	463,520	410,735	416,310		47,210		47,210		463,520				1,899	06/25/2037	1FM	
08860@-AA-8	WELLS FARGO BK NW-N.A.--WAG-CHA SR-SEC 5.697% 12/15/31		03/15/2019	REDEMPTION 100.0000		34,202	34,202	34,202	34,202						34,202				325	12/15/2031	2	
08862@-AA-6	WELLS FARGO BK NW-N.A.--CLEMNON SR-SEC 6.210% 09/15/30		03/15/2019	REDEMPTION 100.0000		47,226	47,226	47,477	47,372		(146)		(146)		47,226				490	09/15/2030	2	
08864#-AA-2	WELLS FARGO BK NW-N.A.--WAG-CHA SR-SEC 6.320% 10/15/33		03/15/2019	REDEMPTION 100.0000		29,742	29,742	29,742	29,742						29,742				314	10/15/2033	2	
08866#-AA-0	WELLS FARGO BK NW-N.A. SR-SEC 6.660% 01/15/34		03/15/2019	REDEMPTION 100.0000		32,677	32,677	32,677	32,677						32,677				363	01/15/2034	2	
08866@-AA-2	WELLS FARGO BK-N.A. SR-SEC 6.720% 12/15/33		03/15/2019	REDEMPTION 100.0000		34,844	34,844	34,844	34,844						34,844				391	12/15/2033	2	
08867@-AA-1	WELLS FARGO BK NW-N.A. SR-SEC 6.570% 03/15/34		03/15/2019	REDEMPTION 100.0000		32,007	32,007	32,007	32,007						32,007				351	03/15/2034	2	
08868#-AA-8	WELLS FARGO BK NW-FAYETTEVILLE SR-SEC 6.850% 08/15/33		03/15/2019	REDEMPTION 100.0000		42,462	42,462	42,462	42,462						42,462				486	08/15/2033	2	
08868*-AA-2	BGS CTL PT TRUST-WAG BATESVILL SR-SEC 6.850% 03/15/34		03/15/2019	REDEMPTION 100.0000		52,399	52,399	52,399	52,399						52,399				599	03/15/2034	2	
08877@-AA-9	BGS CTL PT TRUST SER 2010-DC SR-SEC 6.489% 06/15/32		03/15/2019	REDEMPTION 100.0000		266,970	266,970	266,970	266,970						266,970				2,892	06/15/2032	1	
08878@-AA-8	BGS CTL PT TRUST-WAG ESSEXVILL 2010-SR-SEC 6.820% 07/15/33		03/15/2019	REDEMPTION 100.0000		31,459	31,459	31,459	31,459						31,459				358	07/15/2033	2	

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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 Ident- ification	Description	For- eign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consid- eration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor- tization)/ Accretion	Current Year's Other Than Temporary Impairment Recogn- ized	Total Change in Book/ Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Con- tractual Maturity Date	NAIC Desig- nation and Admini- strative Symbol /Market Indicator (a)
08882*-AA-4	BGS CTL PT-CVS EVANSVILLE SR-SEC 6.043% 01/15/37		03/15/2019	Redemption	100.0000		24,274	24,274	24,274						24,274				245	01/15/2037	2
08886*-AA-0	BGS CTL PT TR SER 2012-DC SR-SEC 3.983% 06/15/32		03/15/2019	Redemption	100.0000		58,962	58,962	58,962						58,962				392	06/15/2032	1
09536@-AA-0	BLUE CROSS BLUE SHIELD LEASE-B 3.650% 09/15/25		03/15/2019	Redemption	100.0000		550,547	550,547	550,547						550,547				3,307	09/15/2025	1
095370-AB-8	BLUE CUBE SPINCO LLC CO. GUARNT 9.750% 10/15/23		02/22/2019	MORGAN STANLEY & CO. INC.			3,906,875	3,500,000	3,500,000						3,500,000		406,875	406,875	124,177	10/15/2023	3FE
097023-AW-5	BOEING CO SR UNSEC 6.000% 03/15/19		03/15/2019	Maturity			18,220,000	18,220,000	18,212,581			7,419	7,419		18,220,000				546,600	03/15/2019	1FE
10567@-AA-0	BRAVES STADIUM CO-LLC 3.770% 09/30/41		03/30/2019	Redemption	100.0000		701,382	701,382	701,382						701,382				13,221	09/30/2041	2PL
110394-AE-3	BRISTOW GROUP INC CO. GUARNT 6.250% 10/15/22		02/14/2019	CREDIT SUISSE SECURITIES US LL			6,541,400	32,707,000	33,811,773		(23,231)		(23,231)		33,005,335		(26,463,935)	(26,463,935)	704,109	10/15/2022	4FE
11042T-AA-1	BRITISH AIR 18-1 AA PTT PT CERTS 3.800% 09/20/31		03/20/2019	Paydown			110,476	110,476	110,476						110,476				1,050	09/20/2031	1FE
11126@-AA-2	BROAD RIDGE PARTNERS-LP-STATE SR-SEC 7.550% 01/01/30		03/01/2019	Redemption	100.0000		142,445	142,445	142,445						142,445				1,796	01/01/2030	1
11700*-AA-8	BRUNSWICK & GLYNN COUNTY DEV. SR-SEC 4.253% 07/10/35		03/10/2019	Redemption	100.0000		239,794	239,794	239,794						239,794				1,702	07/01/2035	1
11777L-AC-5	BSDB 2005-AFR1 X 10 CSTR NTL 0.855% 08/15/27		03/15/2019	Paydown				46,061	1,922		(468)		(468)		1,454		(1,454)	(1,454)	724	09/15/2027	1FE
118230-AH-4	BUCKEYE PARTNERS LP SR UNSEC 5.500% 08/15/19		02/19/2019	Call	101.3260		25,331,500	25,000,000	24,837,250		2,719		2,719		24,989,775		10,225	10,225	1,019,000	08/15/2019	2FE
12200B-AA-6	BURLINGTN NO SF 04-1 TR PT CERTS 4.575% 01/15/21		01/15/2019	Redemption	100.0000		64,966	64,966	64,755		31		31		64,966				1,486	01/15/2021	1FE
12479R-AD-9	CAUTO 2017-1A A1 SEQ 3.870% 04/15/47		03/15/2019	Paydown			87,500	87,500	87,475		17		17		87,500				546	04/15/2047	1FE
12479R-AE-7	CAUTO 2017-1A A2 SEQ 4.180% 04/15/47		03/15/2019	Paydown			112,500	112,500	112,488		12		12		112,500				758	04/15/2047	1FE
12489W-PK-4	CBASS 2005-CB7 AF4 STEP AFC SEQ 3.762% 11/25/35		01/01/2019	Paydown			2	2	2						2					11/25/2035	1FM
1248MP-AB-0	CBASS 2007-HX1 A2 STEP AFC AS 5.763% 12/25/36		03/01/2019	Paydown			2,367	2,367	2,330			11	11		2,367				17	12/25/2036	3AM
1248RH-AA-5	CBASS 2007-CB6 A1 FLT STEP IRC 2.606% 07/25/37		03/25/2019	Paydown			55,477	55,477	28,360		27,752		27,724		55,477				203	07/25/2037	1FM
12495@-AA-3	CCD-PR-NO 1-LLC-CVS DORADO SR-SEC 6.650% 01/15/36		03/15/2019	Redemption	100.0000		83,163	83,163	83,943		(581)		(581)		83,163				923	01/15/2036	2
12496@-AA-2	CBD GROUND LEASE TRUST-2013D-N SR-SEC 4.990% 05/15/44		03/15/2019	Redemption	100.0000		10,655	10,655	10,655						10,655				89	05/15/2044	1FE
12498@-AA-8	CBD GROUND LEASE TRUST-2014A-C SR-SEC 4.640% 01/15/44		03/15/2019	Redemption	100.0000		7,257	7,257	7,257						7,257				61	01/15/2044	1FE
12498@-AA-0	CBD GROUND LEASE TRUST 2014B-L SR-SEC 4.310% 08/15/43		03/15/2019	Redemption	100.0000		24,004	24,004	24,004						24,004				173	08/15/2043	1FE
12498N-AC-7	CBASS 2006-CB2 AF3 STEP AFC SEQ 3.438% 12/25/36		03/01/2019	Paydown			82,203	82,203	70,354			10,502	10,502		82,203				332	12/25/2036	1FM
12502@-AA-4	CC- WRIGHTSTOWN WI LLC-COE SR-SEC 5.620% 02/28/22		03/10/2019	Redemption	100.0000		73,942	73,942	73,942						73,942				694	02/10/2022	2
12502Y-AP-8	CCRIN 2012-CA C SEQ 4.750% 07/10/22		03/10/2019	Paydown			1,035,714	1,035,714	1,035,714						1,035,714				8,199	07/10/2022	1FE
12503@-AA-1	CC-TAMPA FL-LLC-COE SR-SEC 5.115% 06/30/23		03/10/2019	Redemption	100.0000		73,848	73,848	73,848						73,848				630	06/10/2023	2
12504@-AA-2	CBD GROUND LEASE TRUST-WAKE FO SR-SEC 4.280% 06/15/42		03/15/2019	Redemption	100.0000		33,137	33,137	33,137						33,137				245	06/15/2042	1FE
12536@-AA-2	CGPC PT TRUST-WAG \$30 RBS SR-SEC 6.590% 11/01/32		03/01/2019	Redemption	100.0000		262,706	262,706	262,706						262,706				2,891	11/01/2032	2
12537@-AA-1	CGA SER 2009-CLT-4-GE 2009-SR-SEC 5.650% 12/10/23		03/10/2019	Redemption	100.0000		1,120,687	1,120,687	1,120,687						1,120,687				10,570	12/10/2023	1
12538@-AA-0	CGA CAPITAL LEASE BKD TRUST-UN 2012-SR-SEC 4.300% 01/31/30		03/10/2019	Redemption	100.0000		784,445	784,445	784,445						784,445				5,629	01/10/2030	2

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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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange 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 Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
12538-AA-4	CGA CREDIT LEASE BKD TRUST-ELI SR-SEC 3.300% 07/31/27		03/10/2019	Redemption 100.0000		609,147	609,147	609,147	609,147						609,147				3,353	07/10/2027	1
12539-AA-9	CGA CREDIT LEASED BACK TRUST-B 2013-SR-SEC 4.823% 04/10/41		03/10/2019	Redemption 100.0000		672,762	672,762	672,762	672,762						672,762				5,415	04/10/2041	1
12539-AA-3	CREDIT LEASE-BKD PT-APACHE 2013-SR-SEC 4.270% 08/15/33		03/05/2019	Redemption 100.0000		335,248	335,248	335,248	335,248						335,248				2,389	08/05/2033	2
12540-AA-6	CGA CAPITAL LEASE BKD TRUST-RI 2013-SR-SEC 4.738% 12/10/33		03/10/2019	Redemption 100.0000		110,949	110,949	110,949	110,949						110,949				877	12/10/2033	1
12540-AA-8	CGA CAP CR LEASE-BKD PT TRUST- SR-SEC 4.700% 07/10/40		03/10/2019	Redemption 100.0000		348,345	348,345	348,345	348,345						348,345				2,732	07/10/2040	2
125433-AD-4	CWHL 2006-J3 A4 SEQ NAS 5.500% 05/25/36		03/01/2019	Paydown		28,254	28,254	28,254			15,876		15,876		28,254				259	05/25/2036	1
12543T-AD-7	CWHL 2006-13 1A4 SSNR NAS 6.250% 09/25/36		03/01/2019	Paydown		119,858	146,169	74,986	73,461		59,616		59,616		133,076		(13,218)	(13,218)	1,486	09/25/2036	1
12543U-AD-4	CWHL 2006-15 A4 SEQ AS 6.250% 10/25/36		03/01/2019	Paydown		147,901	331,245	181,830	186,585		64,280		64,280		250,865		(102,964)	(102,964)	5,768	10/25/2036	1
12543U-AE-2	CWHL 2006-15 A5 NAS 6.250% 10/25/36		03/01/2019	Paydown		166,155	74,188	95,760	97,809		30,357		30,357		128,167		(53,978)	(53,978)	2,869	10/25/2036	1
12543X-AD-8	CWHL 2006-19 1A4 SSNR NAS 6.000% 01/25/37		03/01/2019	Paydown		182,791	191,791	96,236	91,724		95,338		95,338		187,062		(4,271)	(4,271)	1,797	01/25/2037	1
12544A-AC-9	CWHL 2006-20 1A3 SSNR AS 6.000% 02/25/37		03/01/2019	Paydown		252,703	281,318	176,852	175,331		94,889		94,889		270,219		(18,116)	(18,116)	2,506	02/25/2037	1
12544A-BB-0	CWHL 2006-20 1A26 EXCH NAS 6.000% 02/25/37		03/01/2019	Paydown		107,077	119,485	49,259	30,477		79,727		79,727		110,204		(3,128)	(3,128)	1,064	02/25/2037	1
12544A-BJ-3	CWHL 2006-20 1A33 EXCH AS 6.000% 02/25/37		03/01/2019	Paydown		20,287	22,638				20,287		20,287		20,287				202	02/25/2037	1
12544D-AK-5	CWHL 2007-14 A10 SSNR NAS 6.000% 09/25/37		03/01/2019	Paydown		122,694	122,727	76,073	75,746		46,969		46,969		122,714		(20)	(20)	1,596	09/25/2037	1
12544D-AQ-2	CWHL 2007-14 A15 SSNR AS 6.500% 09/25/37		03/01/2019	Paydown		88,096	88,119	58,844	58,832		29,279		29,279		88,111		(16)	(16)	1,242	09/25/2037	1
12544L-AK-7	CWHL 2007-11 A10 SSNR NAS 6.000% 08/25/37		03/01/2019	Paydown		311,332	389,004	264,016	259,093		103,969		103,969		363,062		(51,729)	(51,729)	3,483	08/25/2037	1
12544R-AL-2	CWHL 2007-4 1A11 NAS 5.750% 05/25/37		03/01/2019	Paydown		60,818	60,818	52,852	60,818		33,850		33,850		695		(2,816)	(2,816)	695	05/25/2037	1
12545C-AU-4	CWHL 2007-10 A19 SSNR NAS 6.000% 07/25/37		03/01/2019	Paydown		203,583	203,601	94,003	97,220		106,371		106,371		203,591		(9)	(9)	1,935	07/25/2037	1
12555-AA-8	STATE OF CALIFORNIA-CHP MOJAVE SR-SEC 5.600% 08/16/33		03/16/2019	Redemption 100.0000		120,876	120,876	120,876	120,876						120,876				1,130	08/16/2033	1
12555-AA-0	CGA CAP CR LEASEBKD-WHOLE FOOD SR-SEC 5.060% 10/10/38		03/10/2019	Redemption 100.0000		58,706	58,706	58,706	58,706						58,706				496	10/10/2038	2
12556-AA-1	STATE OF CALIFORNIA-CHP GRASS SR-SEC 4.270% 03/15/33		03/15/2019	Redemption 100.0000		93,595	93,595	93,595	93,595						93,595				667	03/15/2033	1
12557-AA-6	STATE OF CALIFORNIA-CHP STOCK SR-SEC 4.310% 03/15/36		03/15/2019	Redemption 100.0000		176,247	176,247	176,247	176,247						176,247				1,268	03/15/2036	1
12558-AA-5	CHP LEASE-BKD PT TR-CHPS HQ SR-SEC 3.970% 10/15/29		03/15/2019	Redemption 100.0000		926,140	926,140	926,140	926,140						926,140				6,057	10/15/2029	1
12558-AA-7	CGA LEASE-BKD TRUST -NIH CTL 2015 - 14 REAL ESTATE AS P 3.605% 09/10/35		03/10/2019	Redemption 100.0000		1,066,091	1,066,091	1,066,091	1,066,091						1,066,091				6,412	09/10/2035	1
12563L-AE-7	CLIF 2017-1A A SEQ 3.620% 05/18/42		03/18/2019	Paydown		433,431	433,431	433,383	433,384		47		47		433,431				2,567	05/18/2042	1
12566R-AG-6	CMALT 2006-A6 1A7 SSNR NAS 6.000% 11/25/36		03/01/2019	Paydown		403,416	436,342	306,233	321,477		106,229		106,229		427,706		(24,289)	(24,289)	4,988	11/25/2036	1
12566X-AE-8	CMALT 2007-A7 1A5 SSNR NAS 6.250% 07/25/37		03/01/2019	Paydown		237,194	356,048	220,751	231,974		82,547		82,547		314,521		(77,327)	(77,327)	3,497	07/25/2037	1
12566X-AG-3	CMALT 2007-A7 1A7 SSNR AS 6.250% 07/25/37		03/01/2019	Paydown		114,477	171,839	103,826	111,967		39,919		39,919		151,886		(37,410)	(37,410)	1,888	07/25/2037	1
12585-AA-2	CGA CAPITAL LEASE-BKD TRUST-BE 4.226% 10/10/41		03/10/2019	Redemption 100.0000		155,176	155,176	155,176	155,176						155,176				1,094	10/10/2041	1
12586-AA-5	CGA CAPITAL TRST LEASE BKD (SD) 3.379% 12/10/36		03/10/2019	Redemption 100.0000		762,834	762,834	762,834	762,834						762,834				4,300	12/10/2036	1
125925-ER-4	CMC4 1997-2 1A1 PZ W CPT AS 266.516% 11/25/27		03/01/2019	Paydown		17	17	17	17		17		17		17				7	11/25/2027	1
12594-AA-5	CGA CAPITAL CREDIT LEASE-BKD P 3.577% 08/10/32		03/10/2019	Redemption 100.0000		226,184	226,184	226,184	226,184						226,184				1,350	08/10/2032	1
12595-AA-0	BNSF CGA CAPITAL CREDIT LEASE 4.400% 04/05/50		03/05/2019	Redemption 100.0000		23,031	23,031	23,031	23,031						23,031				204	04/05/2050	1
12597-AA-2	CGA CAPITAL CREDIT LEASE-STATE SR-SEC 4.102% 12/10/26		03/10/2019	Redemption 100.0000		516,009	516,009	516,009	516,009						516,009				3,532	12/10/2026	1
12598-AA-1	CGA CAPITAL CREDIT LEASE-BKD P SR-SEC 4.476% 08/10/38		03/10/2019	Redemption 100.0000		1,703,143	1,703,143	1,711,659	1,711,224		(8,081)		(8,081)		1,703,143				12,359	08/10/2038	1

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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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange 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 Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
..126030-AA-2	CGA CAP CR LEASE-BKD PT TR SER SR-SEC 4.476% 10/10/30		03/10/2019	Redemption	100.0000	1,571,960	1,571,960	1,571,960	1,571,960						1,571,960				11,741	10/10/2030	1Z.....
..12605*-AA-2	CGA CAPITAL CR LEASE-BKD TR-SE SR-UNSEC 3.967% 02/10/29		03/10/2019	Redemption	100.0000	181,830	181,830	181,830	181,830						181,830					02/10/2029	1Z.....
..12636*-AA-5	MD/CP-SEA TRAIL-LLC-WAG SUNSET SR-SEC 6.450% 08/15/28		03/15/2019	Redemption	100.0000	31,565	31,565	31,565	31,565						31,565				340	08/15/2028	2.....
..126378-AH-1	CSMC 2007-2 3A5 SEQ AS 5.500% 03/25/37		03/01/2019	Paydown		124,818	124,818	46,808	45,794		79,024		79,024		124,818				611	02/25/2037	1FM.....
..126384-AR-7	CSMC 2007-2 3A5 SEQ AS 5.500% 03/25/37		03/01/2019	Paydown		35,423	35,423	27,002	20,866		16,713		16,713		37,579		(2,156)	(2,156)	274	03/25/2037	1FM.....
..126408-HB-2	CSX CORP SR UNSEC 3.400% 08/01/24		02/25/2019	Various		20,060,170	20,000,000	19,983,000	19,989,928		253		253		19,990,182		69,988	69,988	387,883	08/01/2024	2FE.....
..12648F-AK-5	CSMC 2014-SAF1 A8 AFC 4.000% 03/25/44		03/01/2019	Paydown		300,288	300,288	298,411	298,414		1,874		1,874		300,288				1,342	03/25/2044	1FM.....
..12649#-AA-6	CTL 2009-14 TRUST-NYU LONDON 6 SR-SEC 6.275% 07/15/30		03/15/2019	Redemption	100.0000	320,108	320,108	320,108	320,108						320,108				3,354	07/15/2030	1.....
..1264K#-AA-3	CTL PT TRUST SER 2013-TD BK NA SR-SEC 4.090% 01/15/34		03/15/2019	Redemption	100.0000	33,495	33,495	33,495	33,495						33,495				241	01/15/2034	1.....
..1264K@-AA-5	CTL PT TR SER 2017-CUMMINS SR-SEC 3.808% 08/15/37		03/15/2019	Redemption	100.0000	136,641	136,641	136,641	136,641						136,641				868	08/15/2037	1.....
..12652*-AA-4	CTL 2010-2 TRUST-LEHIGH VALLEY SR-SEC 6.365% 08/15/29		03/15/2019	Redemption	100.0000	247,678	247,678	247,678	247,678						247,678				2,632	08/15/2029	1.....
..12654@-AA-0	WELLS FARGO BK NII NA-DEUTSCHE SR-SEC 4.910% 03/15/26		03/15/2019	Redemption	100.0000	1,524,403	1,524,403	1,524,403	1,524,403						1,524,403				12,492	03/15/2026	2.....
..12655#-AA-7	CTL PT TRUST-GSA ERIE 2011-SR-SEC 4.500% 05/15/25		03/15/2019	Redemption	100.0000	113,425	113,425	113,425	113,425						113,425				852	05/15/2025	1.....
..12656@-AA-8	CTL PT TRUST SER 2011-VA BEND SR-SEC 4.320% 10/15/32		03/15/2019	Redemption	100.0000	110,033	110,033	111,133	110,878		(845)		(845)		110,033				793	10/15/2032	1.....
..12657*-AA-9	CTL PT TRUST-VA PARMA 2012-SR-SEC 5.000% 01/18/32		03/18/2019	Redemption	100.0000	182,690	182,690	182,690	182,690						182,690				1,525	01/18/2032	1.....
..12665#-AA-5	WELLS FARGO BK NII-NA-CVS SR-SEC 5.634% 12/10/27		03/10/2019	Redemption	100.0000	336,184	336,184	336,184	336,184						336,184				3,133	12/10/2027	2.....
..126650-AQ-3	CVS CORP SR-SEC 5.789% 01/10/26		03/12/2019	Redemption	100.0000	240,770	240,770	240,879	240,813		(43)		(43)		240,770				2,327	01/10/2026	2FE.....
..126650-BA-7	WELLS FARGO BK-CVS 2010 SECOND SR-SEC 5.411% 10/10/27		03/10/2019	Redemption	100.0000	77,586	77,586	74,720	75,950		1,636		1,636		77,586				701	10/10/2027	2.....
..126650-BP-4	CVS PASS-THROUGH TRUST PT CERTS 6.036% 12/10/28		03/10/2019	Redemption	100.0000	331,658	331,658	331,114	331,341		317		317		331,658				3,342	12/10/2028	2AM.....
..12666*-AA-8	CVS LEASE-BKD TRUST 2006 B SR-SEC 6.323% 01/10/29		03/10/2019	Redemption	100.0000	746,570	746,570	746,570	746,570						746,570				7,881	01/10/2029	2.....
..12666@-AA-6	CVS LEASE-BKD PT CERT SER 2007 SR-SEC 6.212% 03/10/28		03/10/2019	Redemption	100.0000	81,141	81,141	81,141	81,141						81,141				842	03/10/2028	2.....
..126670-CL-0	CIVIL 2005-11 AF6 AFC NAS 5.050% 02/25/36		03/01/2019	Paydown		97,116	97,116				97,116		97,116		97,116				654	02/25/2036	1FM.....
..126670-GR-3	CIVIL 2005-13 AF4 AFC NAS 5.805% 04/25/36		03/01/2019	Paydown		19,991	103,770	66,187	68,873		7,264		7,264		76,137				804	04/25/2036	1FM.....
..126670-QT-8	CIVIL 2005-17 1AF3 AFC 5.711% 05/25/36		03/01/2019	Paydown		47,485		11,254	10,607		36,878		36,878		47,485		(56,146)	(56,146)	327	05/25/2036	1FM.....
..126670-QU-5	CIVIL 2005-17 1AF4 STEP AFC 6.047% 05/25/36		03/01/2019	Paydown		39,049	39,049	9,730	9,874		29,175		29,175		39,049				342	05/25/2036	1FM.....
..126671-2V-7	CIVIL 2004-BC1 M2 MEZ FLT STEP IRC 4.091% 01/25/34		02/25/2019	Paydown		205,063	205,063	164,381	195,027		10,036		10,036		205,063				1,235	01/25/2034	1FM.....
..126671-4B-9	CIVIL 2004-2 M3 MEZ FLT STEP 3.836% 04/25/34		03/25/2019	Paydown		9,102	9,102	6,224	6,596		2,506		2,506		9,102				51	04/25/2034	1FM.....
..126671-R2-4	CIVIL 2003-5 AF5 STEP AFC AS 5.141% 02/25/34		03/01/2019	Paydown		442,050	442,050	440,462	440,783		1,266		1,266		442,050				4,085	02/25/2034	1FM.....
..126671-R6-5	CIVIL 2003-5 MF3 MEZ AFC NAS 5.141% 09/25/33		03/01/2019	Paydown		46,630	46,630				46,630		46,630		46,630				428	09/25/2033	1FM.....
..126671-R7-3	CIVIL 2003-5 MF4 MEZ AFC NAS 5.141% 08/25/33		03/01/2019	Paydown		185,400	185,400				185,400		185,400		185,400				903	08/25/2033	1FM.....
..126671-TV-8	CIVIL 2002-5 MF2 MEZ NAS 5.887% 01/25/33		03/01/2019	Paydown		5,300	5,300				5,300		5,300		5,300					01/25/2033	1FM.....
..126671-UP-9	CIVIL 2002-6 AF5 STEP AFC AS 3.410% 05/25/33		03/01/2019	Paydown		156,508	156,508	156,507	156,414		95		95		156,508				1,338	05/25/2033	1FM.....

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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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange 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 Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
126671-22-5	CIVL 2004-1 M1 MEZ FLT STEP IRC 3.236% 03/25/34		03/25/2019	Paydown		279,511	279,511	214,525	235,810		43,700		43,700		279,511				1,663	03/25/2034	1FM
126673-AW-2	CIVL 2004-6 1A1 FLT STEP IRC 3.026% 12/25/34		01/25/2019	Paydown		48,369	48,369	45,709	46,719		1,650		1,650		48,369				123	12/25/2034	1FM
126673-DN-9	CIVL 2004-7 AF5 STEP AFC AS 4.772% 01/25/35		03/01/2019	Paydown		302,979	302,979	302,964	302,089		890		890		302,979				2,114	01/25/2035	1FM
126673-FZ-0	CIVL 2004-9 AF5 STEP AFC AS 5.797% 02/25/35		03/01/2019	Paydown		279,404	279,404	279,391	278,826		578		578		279,404				2,878	02/25/2035	1FM
126673-JA-1	CIVL 2004-10 AF5A STEP AFC AS 4.691% 02/25/35		03/01/2019	Paydown		151,691	151,691	151,687	151,458		233		233		151,691				1,423	02/25/2035	1FM
126673-N9-9	CIVL 2005-4 AF6 AFC NAS 4.740% 10/25/35 CIVL 2004-12 AF5 STEP AFC AS 5.676% 04/25/35		03/01/2019	Paydown		101,314	101,314	85,535	87,340		13,974		13,974		101,314				667	10/25/2035	1FM
126673-ND-0	CIVL 2004-12 AF6 AFC NAS 4.634% 03/25/35		03/01/2019	Paydown		648,792	648,792	638,106	645,307		3,486		3,486		648,792				6,043	04/25/2035	1FM
126673-NE-8	CIVL 2004-12 AF6 AFC NAS 4.634% 03/25/35		03/01/2019	Paydown		24,388	24,388	22,982	23,737		651		651		24,388				210	03/25/2035	1FM
126673-OX-3	CIVL 2004-13 AF6 AFC NAS 4.581% 04/25/35 CIVL 2004-13 AF5B STEP AFC AS 5.103%		03/01/2019	Paydown		23,692	23,692	19,376	21,301		2,391		2,391		23,692				195	04/25/2035	1FM
126673-SN-3	CIVL 2004-15 AF6 AFC 4.613% 04/25/35 03/25/35		03/01/2019	Paydown		408,052	408,052	387,217	392,283		15,769		15,769		408,052				3,552	05/25/2035	1FM
126673-TW-2	CIVL 2005-7 AF4 AFC AS 4.867% 09/25/34		03/01/2019	Paydown		1,324,793	1,324,793	1,065,723	1,277,530		47,263		47,263		1,324,793				11,253	09/25/2034	1FM
126673-Y7-1	CIVL 2005-7 AF6 AFC NAS 4.693% 10/25/35		03/01/2019	Paydown		81,576	81,576	71,787	75,767		5,809		5,809		81,576				660	10/25/2035	1FM
126673-ZF-2	CIVL 2005-2 M4 MEZ FLT STEP IRC 3.551% 08/25/35		03/25/2019	Paydown		652,350	652,350	588,134	616,415		35,935		35,935		652,350				3,747	08/25/2035	1FM
126673-ZU-9	CIVL 2005-3 AF6 AFC NAS 5.219% 08/25/35 CIVALT 2005-1CB 1A3 Z SSNR AS 5.500%		03/01/2019	Paydown		41,629	41,629	37,987	39,301		2,328		2,328		41,629				320	08/25/2035	1FM
12667F-2J-3	CIVALT 2005-7CB 2A3 NAS 5.500% 04/25/35		03/01/2019	Paydown		893,470	893,470	782,237	805,681		87,789		87,789		893,470				7,059	03/25/2035	1FM
12667F-4N-2	CIVALT 2005-6CB 1A7 SSNR NAS 5.500% 04/25/35		03/01/2019	Paydown		73,881	79,591	64,388	66,955		11,730		11,730		78,685		(4,803)	(4,803)	789	04/25/2035	1FM
12667F-5J-0	CIVALT 2005-J2 1A4 SSNR NAS 5.500% 04/25/35		03/01/2019	Paydown		201,027	201,027	192,086	197,819		3,207		3,207		201,027				1,804	04/25/2035	2FM
12667F-5Z-4	CIVALT 2005-4 1A6 SSNR NAS 5.500% 04/25/35		03/01/2019	Paydown		244,862	244,862	212,280	211,831		33,031		33,031		244,862				2,344	04/25/2035	1FM
12667F-7D-1	CIVALT 2004-2CB 1A9 Z AS 5.750% 03/25/34		03/01/2019	Paydown		264,298	251,028	203,063	204,244		49,232		49,232		253,476		10,822	10,822	2,344	04/25/2035	1FM
12667F-AQ-8	CIVALT 2004-2CB 1A9 Z AS 5.750% 03/25/34		03/01/2019	Paydown		1,725,021	1,725,021	1,564,369	1,670,430		54,591		54,591		1,725,021				15,158	03/25/2034	1FM
12667F-CG-8	CIVALT 2004-4CB 1A6 Z AS 5.500% 04/25/34		03/01/2019	Paydown		1,357,586	1,357,586	1,304,481	1,342,240		15,346		15,346		1,357,586				10,536	04/25/2034	1FM
12667F-E6-8	CIVALT 2004-J12 A4 NAS 5.500% 01/25/35		03/01/2019	Paydown		205,265	205,265	140,842	115,488		89,777		89,777		205,265				1,874	01/25/2035	1FM
12667F-G4-1	CIVALT 2004-30CB 1A6 Z AS 5.500% 02/25/35 CIVALT 2004-9T1 A11 SSNR NAS 5.500% 07/25/34		03/01/2019	Paydown		2,025,295	2,025,295	1,959,860	1,998,048		27,247		27,247		2,025,295				18,104	02/25/2035	1FM
12667F-HU-2	CIVALT 2004-13CB A3 SEQ AS 6.000% 07/25/34		03/01/2019	Paydown		637,824	637,824	659,550	644,517		(6,693)		(6,693)		637,824				6,506	07/25/2034	1FM
12667F-KJ-3	CIVALT 2004-14T2 A8 SEQ SSNR AS 5.500%		03/01/2019	Paydown		206,643	206,643	196,042	196,253		10,390		10,390		206,643				1,914	08/25/2034	1FM
12667F-MU-6	CIVALT 2004-34T1 A4 SSNR NAS 5.500% 02/25/35		03/01/2019	Paydown		48,193	48,193	48,457	48,213		(20)		(20)		48,193				445	02/25/2035	2FM
12667F-N8-4	CIVALT 2004-18CB 2A8 Z AS 6.000% 09/25/34		03/01/2019	Paydown		940,395	940,395	925,398	931,159		9,237		9,237		940,395				9,804	09/25/2034	1FM
12667F-QQ-1	CIVALT 2004-22CB 1A1 SEQ AS 6.000% 10/25/34		03/01/2019	Paydown		57,276	57,276	46,454	46,539		10,738		10,738		57,276				498	10/25/2034	1FM
12667F-RY-3	CIVALT 2004-24CB 1A1 SEQ AS 6.000% 11/25/34		03/01/2019	Paydown		68,009	68,009	56,597	57,376		10,633		10,633		68,009				786	11/25/2034	1FM
12667F-VN-2	CIVALT 2005-3CB 1A3 SEQ AS 5.500% 03/25/35		03/01/2019	Paydown		11,899	12,873	3,793	983		10,991		10,991		11,973		(74)	(74)	116	03/25/2035	1FM
12667F-W9-2	CIVALT 2005-3CB 1A11 SEQ AS 5.500% 03/25/35		03/01/2019	Paydown		1,689	1,827	724	248		1,459		1,459		1,708		(19)	(19)	17	03/25/2035	1FM
12667F-X9-1	CIVALT 2004-28CB M SUB CSTR NAS 5.543% 01/25/35		03/01/2019	Paydown		28,071	766,652				28,071		28,071		28,071				13,664	01/25/2035	6FM
12667F-YZ-2	CIVALT 2004-29CB A3 SSNR NAS 5.500% 01/25/35		03/01/2019	Paydown		641,799	641,799	630,843	634,692		7,108		7,108		641,799				6,400	01/25/2035	1FM
12667F-ZK-4	CIVALT 2004-29CB A5 Z AS 5.500% 01/25/35		03/01/2019	Paydown		586,464	586,464	560,363	581,795		4,669		4,669		586,464				5,845	01/25/2035	1FM
12667G-AC-7	CIVALT 2005-13CB A3 SEQ AS 5.500% 05/25/35		03/01/2019	Paydown		27,250	50,692	23,825	15,153		19,074		19,074		34,228		(6,977)	(6,977)	416	05/25/2035	1FM

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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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
12667G-BA-0	CWALT 2005-10CB 1A5 SSNR NAS 5.500%		03/01/2019	Paydown		547,402	547,402	506,071	501,428		45,974		45,974		547,402				5,518	05/25/2035	1FM
12667G-EK-5	CWALT 2005-9CB 1A1 FLT IRC AS 2.986%		03/25/2019	Paydown		80,855	86,138	64,987	63,160		21,583		21,583		84,743		(3,888)	(3,888)	456	05/25/2035	1FM
12667G-EP-4	CWALT 2005-9CB 1A5 FLT IRC AS 2.986%		03/25/2019	Paydown		40,032	42,647	30,852	30,914		11,022		11,022		41,936		(1,904)	(1,904)	226	05/25/2035	1FM
12667G-FB-4	CWALT 2005-18CB A5 SSNR NAS 5.500%		05/25/35																		
12667G-FB-4	CWALT 2005-9CB 1A7 SEQ AS 5.500%		03/01/2019	Paydown		597,282	597,282	541,515	540,604		56,678		56,678		597,282				5,329	05/25/2035	1FM
12667G-FB-4	CWALT 2005-11CB 2A3 SSNR NAS 5.500%		03/01/2019	Paydown		146,979	146,979	156,582	117,544		36,642		36,642		154,187		(7,207)	(7,207)	1,517	05/25/2035	1FM
12667G-JF-1	CWALT 2005-11CB 2A4 SSNR NAS 5.500%		03/01/2019	Paydown		46,165	46,165	29,399	24,708		21,458		21,458		46,165				407	06/25/2035	1FM
12667G-JG-9	CWALT 2005-11CB 2A6 AD AS 5.500%		03/01/2019	Paydown		134,780	134,780	125,211	129,226		5,554		5,554		134,780				1,188	06/25/2035	1FM
12667G-JJ-3	CWALT 2005-11CB 3A1 Z SSNR NAS 5.500%		03/01/2019	Paydown		157,618	177,958	89,422	68,010		97,334		97,334		165,344		(7,726)	(7,726)	1,656	06/25/2035	1FM
12667G-JR-5	CWALT 2005-21CB A5 NAS 5.500%		03/01/2019	Paydown		884,219	884,219	778,190	793,141		91,078		91,078		884,219				7,343	06/25/2035	1FM
12667G-KE-2	CWALT 2005-23CB A4 SSNR NAS 5.500%		03/01/2019	Paydown		160,313	190,280	139,091	142,200		40,503		40,503		182,704		(22,390)	(22,390)	1,584	06/25/2035	1FM
12667G-LE-1	CWALT 2005-20CB 1A1 SEQ AS 5.500%		03/01/2019	Paydown		316,941	316,941	289,925	300,605		16,336		16,336		316,941				3,191	07/25/2035	1FM
12667G-PT-4	CWALT 2005-20CB 2A4 SSNR NAS 5.500%		03/01/2019	Paydown		34,290	86,302	37,119	22,125		25,372		25,372		47,497		(13,208)	(13,208)	853	07/25/2035	1FM
12667G-QA-4	CWALT 2005-26CB A1 FLT IRC AS 2.986%		03/01/2019	Paydown		219,157	219,157	159,463	161,815		57,343		57,343		219,157				2,778	07/25/2035	1FM
12667G-TM-5	CWALT 2005-26CB A6 NAS 5.500%		03/25/2019	Paydown		138,628	136,487	66,381	65,312		72,281		72,281		137,593		1,035	1,035	796	07/25/2035	1FM
12667G-TS-2	CWALT 2005-29CB A4 AD AS 5.000%		03/01/2019	Paydown		98,304	96,786	49,183	37,183		60,537		60,537		97,720		583	583	1,034	07/25/2035	1FM
12667G-UG-6	CWALT 2005-34CB 1A4 SSNR NAS 5.500%		03/01/2019	Paydown		80,841	97,646	38,531	37,488		49,781		49,781		87,269		(6,428)	(6,428)	744	07/25/2035	1FM
12667G-WI-4	CWALT 2005-36 2A1A FLT STEP AFC SSNR 2.796%		03/01/2019	Paydown		149,131	149,131	136,336	137,732		11,399		11,399		149,131				1,119	09/25/2035	2FM
12667G-WF-6	CWALT 2005-28CB 1A9 FLT AS 3.036%		03/25/2019	Paydown		174,898	173,943	64,603	47,591		127,038		127,038		174,629		269	269	755	08/25/2035	1FM
12667G-WY-5	CWALT 2005-49CB A3 SSNR NAS 5.500%		03/25/2019	Paydown		134,254	164,855	113,580	108,816		45,724		45,724		154,540		(20,286)	(20,286)	719	08/25/2035	1FM
12668*-AA-6	CVS LEASE BKD PT CTF SER 2008B SR-SEC 8.235%		01/15/34	Redemption	100.0000	56,381	56,381	56,381	56,381						56,381				776	01/15/2034	2
12668A-AG-0	CWALT 2005-47CB A7 SEQ SSNR AS 5.500%		03/01/2019	Paydown		158,906	192,749	96,325	98,473		77,643		77,643		176,116		(17,210)	(17,210)	1,760	10/25/2035	1FM
12668A-BN-4	CWALT 2005-110 1A16 PAC-11 AS 5.500%		03/01/2019	Paydown		639,349	637,493	121,944	119,504		519,506		519,506		639,010		339	339	7,353	10/25/2035	1FM
12668A-MH-5	CWALT 2005-49CB A3 SSNR NAS 5.500%		03/01/2019	Paydown		209,523	209,523	187,890	192,029		17,494		17,494		209,523				1,661	11/25/2035	1FM
12668A-SQ-9	CWALT 2005-112 1A2 STEP AFC AS 5.765%		03/01/2019	Paydown		267,830	267,830	156,476	154,348		113,482		113,482		267,830				1,486	11/25/2035	1FM
12668A-SR-7	CWALT 2005-112 1A3 STEP AFC AS 6.074%		03/01/2019	Paydown		138,924	138,924	76,855	72,958		65,966		65,966		138,924				785	11/25/2035	1FM
12669*-AA-5	WELLS FARGO-CVS 2010 SALE LEAS SR-SEC 6.830%		10/10/32	Redemption	100.0000	712,977	712,977	712,977	712,977						712,977				8,131	10/10/2032	2
12669A-AG-3	CWALT 2005-19 1A7 Z AS 5.500%		03/01/2019	Paydown		381,364	383,603	278,306	294,074		89,004		89,004		383,078		(1,714)	(1,714)	4,017	08/25/2035	1FM
12669A-AJ-7	CWALT 2005-19 1A9 SSNR NAS 5.500%		03/01/2019	Paydown		134,028	134,028	114,614	116,153		18,550		18,550		134,703		(675)	(675)	1,412	08/25/2035	1FM
12669A-CE-6	CWALT 2005-21 A2 SSNR AS 5.500%		03/01/2019	Paydown		230,446	230,446	116,866	112,546		117,900		117,900		230,446				2,502	10/25/2035	1FM
12669A-HK-7	CWALT 2005-25 A6 SSNR NAS 5.500%		03/01/2019	Paydown		127,514	141,317	121,950	123,696		15,813		15,813		139,508		(11,995)	(11,995)	1,835	11/25/2035	1FM
12669A-HK-7	CWALT 2005-25 A6 SSNR NAS 5.500%		01/01/2019	Paydown		23,949	120,935	104,361	105,855		2,986		2,986		108,842		(84,892)	(84,892)	554	11/25/2035	2FM
12669A-JS-8	CWALT 2005-24 A2 SEQ AS 5.500%		03/01/2019	Paydown		191,542	232,959	161,726	164,088		56,533		56,533		220,620		(29,079)	(29,079)	1,879	11/25/2035	1FM
12669A-RG-5	CWALT 2005-27 1A7 AD SSNR AS 5.500%		03/01/2019	Paydown		172,637	172,637	109,178	107,276		65,361		65,361		172,637				1,780	12/25/2035	1FM
12669A-RP-5	CWALT 2005-14 A6 SEQ AS 5.500%		03/01/2019	Paydown		241,267	290,401	245,063	246,582		36,376		36,376		282,957		(41,691)	(41,691)	4,235	11/25/2035	1FM
12669A-TU-2	CWALT 2005-30 A5 SSNR AS 5.500%		03/01/2019	Paydown		77,567	79,180	63,813	57,329		21,397		21,397		78,726		(1,159)	(1,159)	971	01/25/2036	1FM

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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

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										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange 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 Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
126694-TW-8	CIHL 2005-30 A7 SSNR AS 5.500% 01/25/36		03/01/2019	Paydown		261,525	266,962	212,476	220,164			45,821	45,821		265,985		(4,461)	(4,461)	3,273	01/25/2036	1FM
126694-W6-1	CIHL 2006-9 A5 Z PAC-11 AS 6.000% 05/25/36		03/01/2019	Paydown																	
126694-Y0-6	CIHL 2006-J1 1A2 SEQ AS 5.750% 02/25/36		03/01/2019	Paydown		91,932	157,307	95,117	98,200			34,451	34,451		132,651		(40,719)	(40,719)	1,462	05/25/2036	1FM
12669C-TT-1	CIHL 2002-18 A8 SSNR NAS 6.000% 11/25/32		03/01/2019	Paydown		34,929	38,893	34,929	34,929			25,473	25,473		35,976		(1,047)	(1,047)	418	02/25/2036	1FM
126690-BA-5	CIHL 2002-19 1A1 NAS 6.250% 11/25/32		03/01/2019	Paydown		113,689	113,689	116,527	114,035			(346)	(346)		113,689				731	11/25/2032	1FM
126690-PA-0	CIHL 2002-34 A4 AD SSNR PZ AS PAC W 5.750% 01/25/33		03/01/2019	Paydown		5,805	5,805	5,805	5,805						5,805				60	11/25/2032	1FM
12669E-PB-3	CIHL 2003-44 A10 SSNR NAS 5.000% 10/25/33		03/01/2019	Paydown		17,411	17,411	17,844	17,411						17,411				170	01/25/2033	1FM
12669F-K2-8	CIHL 2004-13 2A3 PAC-11 SSNR AS 5.750% 08/25/34		03/01/2019	Paydown		171,365	171,365	163,450	163,654			7,710	7,710		171,365				1,415	10/25/2033	1FM
12669F-S2-0	CIHL 2004-13 2A18 SEQ SSNR AS 6.000% 08/25/34		03/01/2019	Paydown		66,156	66,156	65,394	65,402			754	754		66,156				837	08/25/2034	1FM
12669F-WP-4	CIHL 2004-5 2A19 PAC-11 AS 5.250% 05/25/34		03/01/2019	Paydown		67,997	67,997	67,798	67,795			202	202		67,997				898	08/25/2034	1FM
12669F-ZL-0	CIHL 2004-8 1A4 NAS 5.250% 07/25/34		03/01/2019	Paydown		41,944	41,944	40,853	40,878			1,066	1,066		41,944				351	05/25/2034	1FM
12669G-3M-1	CIHL 2005-16 A19 SEQ AS 5.500% 09/25/35		03/01/2019	Paydown		41,194	41,194	38,169	38,295			2,899	2,899		41,194				455	07/25/2034	1FM
12669G-4K-4	CIHL 2005-J3 1A2 PAC-11 AS 5.500% 09/25/35		03/01/2019	Paydown		2,435	2,435	2,435	2,435			2,435	2,435		2,435				23	09/25/2035	1FM
12669G-5U-1	CIHL 2005-17 1A8 SSNR NAS 5.500% 09/25/35		03/01/2019	Paydown		69,941	72,078	37,747	25,275			45,415	45,415		70,690		(749)	(749)	435	09/25/2035	1FM
12669G-BA-8	CIHL 2004-HYB6 A2 CSTR PT SSNR AS 4.267% 11/20/34		03/01/2019	Paydown		31,282	31,282	19,460	21,255			10,026	10,026		31,282				204	09/25/2035	1FM
12669G-CP-4	CIHL 2004-24 A1 SEQ AS 5.500% 12/25/34		03/01/2019	Paydown		151,001	151,001	132,801	124,389			26,612	26,612		151,001				961	11/20/2034	1FM
12669G-FJ-5	CIHL 2004-J9 2A4 SEQ SSNR AS 5.500% 01/25/35		03/01/2019	Paydown		399,354	399,354	349,975	359,437			39,918	39,918		399,354				1,830	12/25/2034	1FM
12669G-U2-5	CIHL 2005-J2 2A1 FLT PAC-11 AS 2.886% 08/25/35		03/25/2019	Paydown		62,960	62,960	62,185	62,198			762	762		62,960				592	01/25/2035	1FM
12669G-W4-9	CIHL 2005-J2 3A13 SEQ AS 6.000% 08/25/35		03/01/2019	Paydown		3,298	3,298	2,369	2,252			1,047	1,047		3,298				16	08/25/2035	1FM
12669G-WU-1	CIHL 2005-HYB2 2A CSTR PT AS 4.483% 05/20/35		03/01/2019	Paydown		30,044	30,044	21,303	18,174			11,872	11,872		30,045		(1)	(1)	391	08/25/2035	1FM
12669G-XM-8	CIHL 2005-12 1A4 SSNR NAS 5.250% 05/25/35		03/01/2019	Paydown		408,079	408,079	383,200	384,040			24,038	24,038		408,079				3,410	05/20/2035	1FM
12669G-YM-7	CIHL 2005-10 A2 SEQ AS 5.500% 05/25/35		03/01/2019	Paydown		39,650	39,650	28,254	22,943			16,707	16,707		39,650				370	05/25/2035	1FM
12669Y-AC-6	CIHL 2006-J4 A3 SEQ AS 6.250% 09/25/36		03/01/2019	Paydown		27,644	28,934	20,201	17,790			10,647	10,647		28,437		(793)	(793)	266	05/25/2035	1FM
12669Y-AE-2	CIHL 2006-J4 A5 NAS 6.250% 09/25/36		03/01/2019	Paydown			995	453	252			(5)	(5)		248		(248)	(248)	1	09/25/2036	1FM
12669Y-AF-9	CIHL 2006-J4 A6 SEQ SSNR AS 6.000% 09/25/36		03/01/2019	Paydown			5,278	1,413	1,212			(16)	(16)		1,196		(1,196)	(1,196)	1	09/25/2036	1FM
12669Y-AH-5	CIHL 2006-J4 A8 SEQ AS 6.500% 09/25/36		03/01/2019	Paydown			3,864	840	674			(9)	(9)		665		(665)	(665)	1	09/25/2036	1FM
12670A-AF-8	CIHL 2006-J4 A12 NAS 6.250% 09/25/36		03/01/2019	Paydown			3,716	833	676			(9)	(9)		667		(667)	(667)	1	09/25/2036	1FM
12671*-AA-1	CYS LEASE BKD PT PRIVATE PLACE 2011-SR-SEC 5.500% 12/10/33		03/10/2019	Redemption	100.0000	12,502	50,334	25,594	24,980			6,121	6,121		31,102		(18,600)	(18,600)	490	09/25/2036	1FM
126820-AA-6	CBD GROUND LEASE TRUST-TAMPA 2014-SR-SEC 3.854% 09/15/43		03/15/2019	Redemption	100.0000	711,152	711,152	711,152	711,152						711,152				6,529	12/10/2033	2
12684#-AA-2	CSCC LLC SR 3.790% 06/30/32		03/30/2019	Redemption	100.0000	84,607	84,607	84,607	84,607						84,607				544	09/15/2043	1FE
126950-AA-1	CTL PT TR SER 2016-UNM 3.770% 07/20/47		03/20/2019	Redemption	100.0000	714,000	714,000	714,000	714,000						714,000				6,765	06/30/2032	2
12696#-AA-8	CTL PT TRUST-HSS 4.210% 09/15/47		03/15/2019	Redemption	100.0000	161,018	161,018	162,628	162,527			(1,509)	(1,509)		161,018				1,013	07/20/2047	1
126980-AA-8	CTL PT TRUST-SER 2017-POST FAL 4.606% 08/31/37		03/31/2019	Redemption	100.0000	56,674	56,674	57,232	57,202			(528)	(528)		56,674				398	09/15/2047	1FE
12700#-AA-2	CTL PT TRUST-SER 2017-HOSPITAL 4.050% 07/15/43		03/15/2019	Redemption	100.0000	151,722	151,722	151,722	151,722						151,722				1,166	08/31/2037	2
12700*-AA-6	CTL PT TR SER 2016-SANDIA 4.500% 08/15/27		03/15/2019	Redemption	100.0000	80,141	80,141	80,141	80,141						80,141				542	07/15/2043	1
12700#-AA-4	CTL PT TR SER 2017-GHS 4.960% 05/15/48		03/15/2019	Redemption	100.0000	419,378	419,378	419,378	419,378						419,378				3,149	08/15/2027	1
12700#-AA-4	CTL PT TR SER 2017-GHS 4.960% 05/15/48		03/15/2019	Redemption	100.0000	118,724	118,724	119,911	119,863			(1,139)	(1,139)		118,724				983	05/15/2048	1

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12701*-AA-5	CVS ROCHESTER 2017 LEASE-BKD P 4.800% 01/15/42		03/15/2019	Redemption	100.0000	28,035	28,035	28,035	28,035						28,035				225	01/15/2042	2
12702*-AA-4	CVS LEASE-BKD PT CTF SER 2017 3.901% 10/10/39		03/10/2019	Redemption	100.0000	296,139	296,139	296,139	296,139						296,139				1,927	10/10/2039	2
12703*-AA-3	CTL PT TR SER 2017-UPS CTL SR-SEC 4.050% 05/15/45		03/15/2019	Redemption	100.0000	104,295	104,295	104,295	104,295						104,295				696	05/15/2045	1
12708*-AA-8	CTL PHILADELPHIA LEASE FINANCE SR-SEC 4.008% 12/28/26		03/06/2019	Redemption	100.0000	566,163	566,163	566,163	566,163						566,163				5,673	12/28/2026	1
12709*-AA-5	CTL PT TR SER 2018-INTL FLAVOR SR-SEC 4.430% 05/15/43		03/15/2019	Redemption	100.0000	180,982	180,982	180,982	180,982						180,982				1,323	05/15/2043	2
12710*-AA-4	CTL PT TRUST SER 2018-IVU MORG SR-SEC 4.484% 11/15/49		03/15/2019	Redemption	100.0000	108,654	108,654	108,654	108,654						108,654				813	11/15/2048	1Z
13219*-AA-4	CAMBRIDGE HEALTHCARE SOLUTIONS SR-SEC PIKS FRM 10/17 TO 10/18 3.642% 08/15/37		03/15/2019	Redemption	100.0000	593,432	593,432	593,433	593,539		(107)		(107)		593,432				3,606	08/15/2037	1
134429*-AT-6	CAMPBELL SOUP CO SR UNSEC 4.500% 02/15/19		02/15/2019	Maturity		7,000,000	7,000,000	6,949,950	6,999,255		745		745		7,000,000				157,500	02/15/2019	2FE
144141*-CZ-9	DUKE ENERGY PROGRESS INC 1ST MORTG 5.300% 01/15/19		01/15/2019	Maturity		22,500,000	22,500,000	22,479,300	22,499,900		100		100		22,500,000				596,250	01/15/2019	1FE
144210*-AA-8	CAROLINAS HEALTHCARE PT TRUST- SR-SEC 3.835% 08/10/38		03/10/2019	Redemption	100.0000	221,326	221,326	221,326	221,326						221,326				1,416	08/10/2038	1
14575H-AA-6	CAUTO 2016-1A A SEQ 4.550% 02/15/46		03/15/2019	Paydown		96,341	96,341	96,306	96,319		23		23		96,341				707	02/15/2046	1FE
14841*-AA-8	CASTLE & COOKE NCRP PROP 4-LLC SR-SEC 5.790% 10/10/28		03/10/2019	Redemption	100.0000	430,185	430,185	430,185	430,185						430,185				4,158	10/10/2028	1
148410*-AA-0	CASTLE & COOKE-NCRP PROP 2-LLC SR-SEC 5.675% 07/10/28		03/10/2019	Redemption	100.0000	493,497	493,497	493,497	493,497						493,497				4,675	07/10/2028	1
14855J-AB-1	CLAST 2016-1 A SEQ 4.450% 08/15/41		03/15/2019	Paydown		347,261	347,261	347,159	347,166		94		94		347,261				1,938	08/15/2041	1FE
14855T-AA-1	CLAST 2015-1A A STEP SEQ 4.703% 12/15/40		03/15/2019	Paydown		2,974,574	2,974,574	2,974,506	2,974,511		63		63		2,974,574				34,555	12/15/2040	1FE
14855T-AC-7	CLAST 2015-1A C SUB STEP 9.000% 12/15/40		03/15/2019	Paydown		860,551	860,551	849,537	850,317		10,234		10,234		860,551				17,085	12/15/2040	4AM
15132E-DD-7	CDMC 2003-4 1A5 SEQ RTL AS 5.500% 05/25/33		03/01/2019	Paydown		762,217	762,217	743,161	755,534		6,682		6,682		762,217				3,722	05/25/2033	1FM
15132E-EA-2	CDMC 2003-6 A4 RTL NAS 5.500% 07/25/33		03/01/2019	Paydown		20,216	20,216	20,599	20,216		(383)		(383)		20,216				173	07/25/2033	1FM
15160*-AB-6	CENTER OPERATING CO-LP B-SR-SEC 8.200% 09/30/23		03/31/2019	Redemption	100.0000	1,608,157	1,608,157	1,608,157	1,608,157						1,608,157				32,967	09/30/2023	2FE
15200M-AB-3	CNP 2008-A A2 SEQ 5.234% 02/01/23		02/01/2019	Paydown		1,742,041	1,742,041	1,696,312	1,738,229		3,811		3,811		1,742,041				45,589	02/01/2023	1FE
15200N-AC-9	CNP 2009-1 A3 SEQ 4.243% 08/15/23		02/15/2019	Paydown		11,631,326	11,631,326	11,655,149	11,636,435		(5,109)		(5,109)		11,631,326				246,759	08/15/2023	1FE
152314-EL-0	CXHE 2002-A AF6 NAS 5.540% 01/25/32		02/01/2019	Paydown		141	141	134	136		6		6		141				2	01/25/2032	1FM
152314-JV-3	CXHE 2004-B M1 MEZ FLT STEP IRC NAS 3.131% 03/25/34		03/25/2019	Paydown		14,023	14,023	12,865	13,162		861		861		14,023				77	03/25/2034	1FM
152314-LE-8	CXHE 2004-D AF5 STEP AFC IRC AS 5.850% 09/25/34		03/01/2019	Paydown		440,444	440,444	440,303	439,617		828		828		440,444				3,685	09/25/2034	1FM
152314-LQ-1	CXHE 2004-D MV1 MEZ FLT STEP IRC NA 3.106% 09/25/34		03/25/2019	Paydown		98,133	98,133	88,525	90,591		7,542		7,542		98,133				506	09/25/2034	1FM
15722*-AA-9	CGA LEASE-BKD PASS-NAT OILWELL SR-SEC 4.468% 01/10/41		03/10/2019	Redemption	100.0000	7,860	7,860	7,860	7,860						7,860				59	01/10/2041	2
15722*-AA-3	CGA LEASE BKD PT TRUST-NOV HQ 2014-SR-SEC 4.835% 01/10/41		03/10/2019	Redemption	100.0000	131,822	131,822	131,822	131,822						131,822				1,064	01/10/2041	2
15723*-AA-8	CGA CAPITAL PT TRUST-NSLIJ 2014-SR-SEC 4.470% 03/10/45		03/10/2019	Redemption	100.0000	511,625	511,625	511,625	511,625						511,625				3,816	03/10/2045	1
15723*-AA-0	CGA CAP OR LEASE-BKD PT-SAN DI SR-SEC 3.400% 05/10/35		03/10/2019	Redemption	100.0000	420,395	420,395	420,395	420,395						420,395				2,368	05/10/2035	1
160044-A*-4	CHARLESTON AREA MEDICAL CENTER A-SR-SEC 4.500% 03/15/43		03/15/2019	Redemption	100.0000	1,225,000	1,225,000	1,225,000	1,225,000						1,225,000				27,563	03/15/2043	2
160044-A*-2	CHARLESTON AREA MEDICAL CENTER A-SR-SEC 4.020% 03/15/38		03/15/2019	Redemption	100.0000	585,000	585,000	585,000	585,000						585,000				11,759	03/15/2038	2
160762-AC-4	CHMAC 2004-1 A3 Z AS 5.250% 08/25/34		03/01/2019	Paydown		19,609	19,609	15,559	17,989		1,621		1,621		19,609				172	08/25/2034	1FM
160762-AD-2	CHMAC 2004-1 A4 NAS 5.250% 08/25/34		03/01/2019	Paydown		10,023	10,023	10,023	10,023						10,023				88	08/25/2034	1FM
160762-AF-7	CHMAC 2004-1 A6 Z AS 5.500% 08/25/34		03/01/2019	Paydown		10,480	10,480	9,696	9,696		784		784		10,480				97	08/25/2034	1FM
160762-AG-5	CHMAC 2004-1 A7 NAS 5.500% 08/25/34		03/01/2019	Paydown		14,527	14,527	14,527	14,527						14,527				134	08/25/2034	1FM

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange 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 Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
161546-DZ-6	CFAB 2003-1 1A5 STEP AS 5.914% 10/25/32		03/01/2019	Paydown		84,681	84,681	84,675	84,603			78	78		84,681				1,252	10/25/2032	1FM
161546-EG-7	CFAB 2003-1 2M1 MEZ FLT STEP NAS 3.461% 09/25/32		03/25/2019	Paydown		13,614	13,614	12,164	13,565		48		48		13,614				104	09/25/2032	1FM
161546-FF-8	CFAB 2003-3 1A5 STEP AFC AS 5.160% 03/25/33		03/01/2019	Paydown		173,960	173,960	173,954	173,827		133		133		173,960				1,803	03/25/2033	1FM
161546-FV-3	CFAB 2003-4 1A5 STEP AFC SEQ AS 5.198% 05/25/33		03/01/2019	Paydown		156,791	156,791	156,784	156,688		103		103		156,791				1,730	05/25/2033	1FM
161546-FY-7	CFAB 2003-4 1M2 MEZ AFC NAS 5.198% 06/25/32		01/01/2019	Paydown		45,342	45,342				45,342		45,342		45,342					06/25/2032	1FM
161546-GK-6	CFAB 2003-5 1A5 STEP AFC AS 5.645% 06/25/33		03/01/2019	Paydown		413,510	413,510	413,502	413,247		263		263		413,510				3,707	06/25/2033	1FM
161546-GN-0	CFAB 2003-5 1M2 MEZ AFC NAS 5.641% 09/25/32		03/01/2019	Paydown		61,590	61,590	11,319	1		61,588		61,588		61,590					09/25/2032	1FM
161546-HA-7	CFAB 2003-6 1A5 STEP AFC SEQ AS 5.045% 11/25/34		03/01/2019	Paydown		670,686	670,686	663,451	663,830		6,856		6,856		670,686				5,867	11/25/2034	1FM
161546-HS-8	CFAB 2004-1 1A5 STEP AFC AS 5.638% 11/25/33		03/01/2019	Paydown		482,782	482,782	482,755	482,390		392		392		482,782				4,724	11/25/2033	1FM
161546-JH-0	CFAB 2004-2 1A5 STEP AFC SEQ 5.700% 02/26/35		03/01/2019	Paydown		564,687	564,687	558,101	558,470		6,217		6,217		564,687				4,797	02/26/2035	1FM
161546-JP-2	CFAB 2004-2 2M1 MEZ FLT STEP IRC NA 3.311% 02/26/35		03/25/2019	Paydown		215,810	215,810	192,793	201,106		14,704		14,704		215,810				1,406	02/26/2035	1FM
161629-AH-3	CHASE 2007-54 A8 SSNR NAS 6.000% 06/25/37		03/01/2019	Paydown		17,525	44,401	22,991	17,868		10,473		10,473		28,341		(10,816)	(10,816)	414	06/25/2037	1FM
16162W-GJ-2	CHASE 2004-S2 1A4 NAS 5.250% 02/25/34		03/01/2019	Paydown		7,209	7,209	7,194	7,193		16		16		7,209				2,209	02/25/2034	2FM
16162W-GN-3	CHASE 2004-S2 2A3 Z AS 5.500% 02/25/34		03/01/2019	Paydown		154,957	154,957	140,382	147,668		7,289		7,289		154,957				1,931	02/25/2034	1FM
16162W-PB-9	CHASE 2005-A1 1A1 CSTR SSNR AS 4.222% 12/25/35		03/01/2019	Paydown		34,895	73,516	24,646	3,377		33,320		33,320		36,697		(1,802)	(1,802)	574	12/25/2035	1FM
16162W-PG-8	CHASE 2005-A1 2A4 CSTR SEQ SSNR AS 4.278% 12/25/35		03/01/2019	Paydown		429,413	429,413	319,678	269,044		160,370		160,370		429,413				2,697	12/25/2035	1FM
16162Y-AH-8	CHASE 2006-54 A8 NAS 6.000% 12/25/36		03/01/2019	Paydown		263,330	(5,024)	(2,003)	(1,882)		165,627		165,627		163,745		99,585	99,585	3,425	12/25/2036	1FM
16162Y-AQ-8	CHASE 2006-54 A15 SEQ AS 6.000% 12/25/36		03/01/2019	Paydown		219,720	(4,192)	(1,970)	(1,478)		143,080		143,080		141,602		78,118	78,118	2,858	12/25/2036	1FM
161630-AC-2	CHASE 2007-A1 1A3 CSTR SSNR AS 4.646% 02/25/37		02/01/2019	Paydown		54,074	54,074	53,634	53,663		410		410		54,074				347	02/25/2037	1FM
161630-AL-2	CHASE 2007-A1 3A1 CSTR SSNR AS 4.456% 02/25/37		02/01/2019	Paydown		48,028	48,028	47,817	47,818		210		210		48,028				185	02/25/2037	1FM
161631-AV-8	CHASE 2007-85 1A20 SSNR NAS 6.000% 07/25/37		03/01/2019	Paydown		800,683	468,346	285,739	285,959		312,753		312,753		598,712		201,971	201,971	9,873	07/25/2037	1FM
16163B-AP-9	CHASE 2006-S2 1A14 SSNR AS 6.250% 10/25/36		02/01/2019	Paydown		116,609	116,609	86,667	88,185		28,423		28,423		116,609				868	10/25/2036	3FM
16163B-BC-7	CHASE 2006-S2 2A7 AS 6.000% 10/25/36		03/01/2019	Paydown		122,375	265,431	144,219	153,877		51,916		51,916		205,793		(83,418)	(83,418)	2,424	10/25/2036	1FM
16163L-AA-0	CHASE 2007-A2 1A1 CSTR SSNR AS 4.263% 07/25/37		03/01/2019	Paydown		252,849	252,849	251,624	255,971		(3,121)		(3,121)		252,849				1,795	07/25/2037	1FM
16163L-AQ-5	CHASE 2007-A2 7A1 CSTR SEQ SSNR AS 3.677% 07/25/37		03/01/2019	Paydown		61,780	68,446	5,537	875		60,990		60,990		61,885		(85)	(85)	389	07/25/2037	1FM
16163Y-AC-8	CHASE 2016-1 M2 SUB W 3.750% 04/25/45		03/01/2019	Paydown		77,507	77,507	76,456	76,521		985		985		77,507				480	04/25/2045	1FE
16163Y-AD-6	CHASE 2016-1 M3 SUB W 3.750% 04/25/45		03/01/2019	Paydown		77,507	77,507	74,417	74,639		2,868		2,868		77,507				480	04/25/2045	1AM
16165L-AG-5	CFLX 2006-1 A5 AFC SSNR NAS 6.160% 06/25/36		03/01/2019	Paydown		126,193	126,193	107,184	108,129		18,064		18,064		126,193				809	06/25/2036	1FM
16165T-BJ-1	CFLX 2005-2 5A1 NAS 5.500% 06/25/35		03/01/2019	Paydown		84,390	165,933	92,685	98,863		33,797		33,797		132,660		(48,270)	(48,270)	2,072	06/25/2035	1FM
166751-AJ-6	CHEVRON CORP SR UNSEC 4.950% 03/03/19		03/03/2019	Maturity		75,000,000	75,000,000	74,976,750	74,999,511		489		489		75,000,000				1,856,250	03/03/2019	1FE
16678R-DL-8	CCMFC 2005-2A A2 FLT STEP AS 2.716% 05/25/36		03/25/2019	Paydown		382,779	382,779	338,002	333,950		48,829		48,829		382,779				1,714	05/25/2036	1FM
16877#-AA-0	VA CHARLOTTE-CHILDRESS KLIEN-C SR 3.652% 01/05/36		03/05/2019	Redemption	100.0000																
170255-AS-2	CIHL 2007-1 A8 SSNR NAS 6.000% 03/25/37		03/01/2019	Paydown		133,976	189,474	116,824	117,690		50,758		50,758		168,447		(34,471)	(34,471)	1,377	03/25/2037	1FM
17025A-AB-8	CIHL 2006-17 A2 SSNR NAS 6.000% 12/25/36		03/01/2019	Paydown		38,831	59,009	4,848	533		38,480		38,480		39,013		(182)	(182)	300	12/25/2036	1FM
17025T-AV-3	CIHL 2007-15 1A20 EXCH SSNR AS 6.250% 09/25/37		03/01/2019	Paydown		156,059	184,879	111,967	110,339		62,706		62,706		173,044		(16,985)	(16,985)	2,518	09/25/2037	1FM

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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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contract Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
171265-B#-7	CHUGACH ELECTRIC ASSN-INC. 3.430% 03/15/37		03/15/2019	Redemption 100.0000		1,000,000	1,000,000	1,000,000	1,000,000						1,000,000				17,150	03/15/2037	1
171265-B*-1	CHUGACH ELECTRIC ASSN-INC. B-SR-SEC 4.410% 03/15/42		03/15/2019	Redemption 100.0000		1,288,000	1,288,000	1,288,000	1,288,000						1,288,000				28,400	03/15/2042	1
17208-AA-0	CINCINNATI ICE LEASE BKD TRUST SR-SEC 3.750% 10/15/33		03/15/2019	Redemption 100.0000		117,304	117,304	117,304	117,304						117,304				734	10/15/2033	1
1727SR-AE-2	CISCO SYSTEMS INC SR UNSEC 4.950% 02/15/19		02/15/2019	Maturity		59,250,000	59,250,000	59,116,095	59,247,948		2,052		2,052		59,250,000				1,466,438	02/15/2019	1FE
172973-2W-8	CMSI 2005-6 1A10 SEQ AS 5.500% 09/25/35		03/01/2019	Paydown		492,314	492,314	462,185	479,380		12,934		12,934		492,314				5,704	09/25/2035	1FM
172973-W6-2	CMSI 2005-4 1A7 SSUP NAS 5.500% 07/25/35		03/01/2019	Paydown		2,624	2,624	2,378	2,459		165		165		2,624				16	07/25/2035	1FM
172973-WX-3	CMSI 2004-3 A3 Z AS 5.250% 05/25/34		03/01/2019	Paydown		431,672	431,672	352,217	400,931		30,741		30,741		431,672				4,569	05/25/2034	1FM
173067-EQ-8	CGOINT 2004-C2 E AFC 5.023% 10/15/41		03/01/2019	Paydown		220,504	220,504	221,606	220,504						220,504				1,894	10/15/2041	1FM
17307G-4H-8	CMLTI 2006-WF1 A2C STEP AFC AS 4.935% 03/25/36		03/01/2019	Paydown		33,455	33,455	13,103	14,140		19,315		19,315		33,455				130	03/25/2036	1FM
17307G-NS-3	CMLTI 2005-OPT1 M2 MEZ FLT STEP IRC 3.146% 02/25/35		03/25/2019	Paydown		18,552	18,552	16,604	17,077		1,475		1,475		18,552				102	02/25/2035	1FM
17307G-VK-1	CMLTI 2005-WF2 AF5 STEP AFC AS 5.350% 08/25/35		03/01/2019	Paydown		621,188	621,188	467,949	415,780		205,407		205,407		621,188				4,857	08/25/2035	1FM
17307G-WE-4	CMLTI 2005-4 A CSTR AS 4.483% 08/25/35		03/01/2019	Paydown		88,993	88,993	79,259	80,593		8,400		8,400		88,993				897	08/25/2035	1FM
17308F-AE-9	CMALT 2005-A1 1A5 IRC SSNR NAS 5.500% 07/25/35		03/01/2019	Paydown		48,053	50,634	43,438	41,340		8,817		8,817		50,158		(2,105)	(2,105)	460	07/25/2035	1FM
17309A-AA-7	CMALT 2006-A1 1A1 SEQ SSNR AS 5.750% 04/25/36		03/01/2019	Paydown		142,457	146,754	76,206	65,165		79,204		79,204		144,369		(1,912)	(1,912)	1,134	04/25/2036	1FM
173100-AD-0	CMSI 2006-6 A4 SSNR NAS 6.000% 11/25/36		03/01/2019	Paydown		228,272	228,272	165,743	175,114		53,158		53,158		228,272				1,569	11/25/2036	1FM
173105-AA-5	CMSI 2007-1 1A1 SSNR NAS 6.000% 01/25/37		03/01/2019	Paydown		78,898	78,898	62,564	62,436		16,463		16,463		78,898				789	01/25/2037	1FM
17310A-AR-7	CMSI 2006-2 1A16 SEQ AS 5.750% 04/25/36		03/01/2019	Paydown		240,528	240,528	228,415	239,408		1,121		1,121		240,528				1,517	04/25/2036	3FM
17310E-AE-8	CRMSI 2006-2 A5 STEP AFC AS 5.405% 09/25/36		03/01/2019	Paydown		2,304,987	2,304,987	1,909,047	1,965,579		339,408		339,408		2,304,987				19,671	09/25/2036	1FM
173110-AE-0	CGOINT 2007-06 AJFX CSTR 5.541% 12/10/49		03/01/2019	Paydown		5,521	5,521	3,737	3,737		3,737		3,737		3,737		(3,737)	(3,737)	32	12/10/2049	4FM
173110-BN-9	CGOINT 2007-06 AJ CSTR 5.541% 12/10/49		03/01/2019	Paydown		29,642	29,642	19,853	19,682		1		1		19,854		(19,854)	(19,854)	143	12/10/2049	4FM
173110-BN-9	CGOINT 2007-06 AJ CSTR 5.541% 12/10/49		01/31/2019	Security Withdraw		154,492	232,278	154,492	154,492						154,492				1,645	12/10/2049	4FM
17312D-AA-6	CMSI 2007-8 1A1 AS 6.000% 09/25/37		03/01/2019	Paydown		4,478	4,478	4,478	4,478		4,478		4,478		4,478				45	09/25/2037	1FM
17312F-AD-5	CMSI 2007-3 1A4 SSNR NAS 6.000% 04/25/37		03/01/2019	Paydown		122,736	130,900	118,826	120,786		9,483		9,483		130,269		(7,534)	(7,534)	1,532	04/25/2037	1FM
17312K-AB-8	CMSI 2007-5 1A2 PAC-11 AS 6.000% 06/25/37		03/01/2019	Paydown		11,436	11,803	11,436	11,436		11,436		11,436		11,436				119	06/25/2037	1FM
17321H-AA-6	CMLTI 2013-6 1A1 SC FLT SEQ PT SSNR 4.671% 11/25/35		03/25/2019	Paydown		181,907	181,907	186,327	182,912		(1,005)		(1,005)		181,907				1,441	11/25/2035	1FM
17321P-AA-8	CMLTI 2013-8 1A1 SC CSTR SEQ PT SSNR 4.454% 05/25/35		03/01/2019	Paydown		1,250,926	1,250,926	1,257,180	1,250,414		511		511		1,250,926				7,697	05/25/2035	1FM
18610R-AG-9	CCCPA TDLRB-S10-CLEVELAND CLIN SR-SEC 5.740% 12/05/26		03/05/2019	Redemption 100.0000		810,000	810,000	810,000	810,000						810,000				7,749	12/05/2026	1
20047N-AK-8	COMM 2004-LB4A XC 10 CSTR NTL 1.368% 10/15/37		03/01/2019	Paydown															57	10/15/2037	6FE
201730-AJ-7	CMAT 1999-C1 X 10 CSTR NTL 1.238% 01/17/32		02/11/2019	Paydown															296	01/17/2032	6FE
204010-AG-6	COMMUNITY PRESERVATION CORP SE SERIES D 5.584% 09/01/37		03/01/2019	Paydown		201	201	201	201						201				1	09/01/2037	6*
204010-AH-4	COMMUNITY PRESERVATION CORP SE SERIES E 5.685% 11/01/37		03/01/2019	Paydown		1,164	1,164	1,164	1,164						1,164				11	11/01/2037	6*
204010-AJ-0	COMMUNITY PRESERVATION CORP SE COLLATERAL TRUST SERIES F 4.920% 03/01/38		03/01/2019	Paydown		2,280	2,280	2,280	2,280						2,280				20	03/01/2038	6*
204010-AL-5	COMMUNITY PRESERVATION CORP SE COLLATERAL TRUSR NOTE SER B 3.121% 02/01/37		03/01/2019	Paydown		1,220	1,220	1,220	1,127	92			92		1,220				6	02/01/2037	6*
204010-AM-3	COMMUNITY PRESERVATION CORP SE SERIES C 5.958% 06/01/37		03/01/2019	Paydown		467	467	467	467						467				3	06/01/2037	6*
204010-AN-1	COMMUNITY PRESERVATION CORP SE SERIES A COLLATERAL TRUST 4.462% 01/01/36		03/01/2019	Paydown		29,392	29,392	29,392	29,392						29,392				161	01/01/2036	6*

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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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange 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 Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
..204010-AR-2	COMMUNITY PRESERVATION CORP SE SERIES G NOTES 4.774% 06/01/38		03/01/2019	Paydown		1,138	1,138	1,138	1,136	2			2		1,138				9	06/01/2038	6*
..204010-AS-0	COMMUNITY PRESERVATION CORP SE COLLATERAL TRUST NOTE 6.175% 12/01/38		03/01/2019	Paydown		4,327	4,327	4,327	4,327						4,327				13	12/01/2038	6*
..204010-AT-8	COMMUNITY PRESERVATION CORP SE SERIES I 6.138% 04/01/39		03/01/2019	Paydown		1,641	1,641	1,641	1,641						1,641				27	04/01/2039	6*
..204010-AV-3	COMMUNITY PRESERVATION CORP SE SERIES J 5.431% 08/01/39		03/01/2019	Paydown		610	610	610	610						610				6	08/01/2039	6*
..204010-AW-1	COMMUNITY PRESERVATION CORP SE COLLATERAL TRUST NOTE SERIES K 4.460% 10/01/39		03/01/2019	Paydown		2,922	2,922	2,922	2,885	37			37		2,922				24	10/01/2039	6*
..204010-AY-7	COMMUNITY PRESERVATION CORP SE SERIES L COLLATERAL TRUST NOTE 5.566% 12/01/39		03/01/2019	Paydown		1,214	1,214	1,214	1,214						1,214				8	12/01/2039	6*
..204010-AZ-4	COMMUNITY PRESERVATION CORP SE SERIES M 5.614% 03/01/40		03/01/2019	Paydown		721	721	721	721						721				4	03/01/2040	6*
..204010-BD-2	COMMUNITY PRESERVATION CORP SE SERIES N 5.242% 06/01/40		03/01/2019	Paydown		449	449	449	449						449				2	06/01/2040	6*
..204010-BF-7	COMMUNITY PRESERVATION CORP SE SERIES O 4.604% 09/01/40		03/01/2019	Paydown		732	732	732	732						732				5	09/01/2040	6*
..204010-BG-5	COMMUNITY PRESERVATION CORP SE SERIES P 5.670% 01/01/41		03/01/2019	Paydown		888	888	888	888						888				8	01/01/2041	6*
..204010-BH-3	COMMUNITY PRESERVATION CORP SE SERIES Q 6.164% 04/01/41		03/01/2019	Paydown		525	525	525	525						525				5	04/01/2041	6*
..204010-BK-6	COMMUNITY PRESERVATION CORP SE COLLATERAL TRUST NOTE SERIES R 3.770% 12/01/41		03/01/2019	Paydown		119	119	119	116	3			3		119				1	12/01/2041	6*
..207597-EE-1	CONNECTICUT LIGHT & PWR 1ST REF MORT 5.500% 02/01/19		02/01/2019	Maturity	100.0000	13,315,000	13,315,000	13,450,263	13,316,444		(1,444)		(1,444)		13,315,000				366,163	02/01/2019	1FE
..210750-BA-2	CONHE 1995-1 A5 SEQ 4.710% 06/15/25		03/01/2019	Paydown		292	292	292	292				284		292				4	06/15/2025	1FM
..210750-CJ-2	CONHE 1996-1 A7 SEQ 7.000% 03/15/27		03/01/2019	Paydown		2,298	2,298	2,298	2,298				1,653		2,298				36	03/15/2027	1FM
..216170-AA-7	COOK INLET NATURAL GAS STORAGE SR-SEC 4.480% 03/02/32		03/02/2019	Redemption	100.0000	2,342,857	2,342,857	2,342,857	2,342,857						2,342,857				52,480	03/02/2032	2
..22100*-AA-1	CORVIAS CAMPUS LIVING-USG LLC SR 5.300% 07/01/50		01/01/2019	Redemption	100.0000	33,497	33,497	33,497	33,497						33,497				888	07/01/2050	2PL
..223570-AA-9	COX TOWER II LEASE BKD TRUST-C SR-SEC 5.409% 01/02/40		03/01/2019	Redemption	100.0000	308,646	308,646	308,646	308,646						308,646				2,787	01/01/2040	2
..223611-A#-1	COWBOYS STADIUM-L.P. 3.950% 03/31/34		03/31/2019	Redemption	100.0000	1,086,537	1,086,537	1,086,537	1,086,537						1,086,537				21,459	03/31/2034	2FE
..223611-A0-3	COWBOYS STADIUM-L.P. SR-SEC 3.460% 03/31/34		03/30/2019	Redemption	100.0000	573,369	573,369	573,369	573,369						573,369				9,919	03/30/2034	2FE
..22536#-AA-1	CGA CREDIT LEASE BKD TRUST-KMP 2012-SR-SEC 3.967% 12/10/35		03/10/2019	Redemption	100.0000	706,501	706,501	706,501	706,501						706,501				4,676	12/10/2035	2
..22540A-LG-1	CSFB 1999-1R B SC CSTR 6.730% 11/30/27		03/01/2019	Paydown		88	88	88	88				88		88				1	11/30/2027	1FM
..22540V-HN-5	CSFB 2001-NH29 M2 MEZ AFC 7.110% 09/25/31		03/01/2019	Paydown		172,598	172,598	170,146	172,260			339	339		172,598				1,821	09/25/2031	1FE
..22540V-VE-9	CSFB 2002-NH3 M1 MEZ AFC 7.617% 12/25/31		03/01/2019	Paydown		386,154	386,154	386,135	384,584			1,570	1,570		386,154				5,014	12/25/2031	1FE
..225410-4L-3	CSFB 2003-29 DB1 SUB CSTR NAS 6.049% 12/25/33		01/01/2019	Paydown		29,784	29,784	30,535	29,784						29,784				150	12/25/2033	1FM
..22541S-ST-1	CSFB 2005-FIX1 A4 STEP AFC AS 5.510% 05/25/35		03/01/2019	Paydown		151,698	151,698	139,779	143,877			7,821	7,821		151,698				1,196	05/25/2035	1FM
..22541S-O5-4	CSFB 2004-GF2 1M1 MEZ STEP AFC NAS 5.250% 01/25/43		03/01/2019	Paydown		309,935	309,935	326,981	321,424			(11,489)	(11,489)		309,935				2,991	01/25/2043	1FM
..22541S-EH-7	CSFB 2004-AR3 CB1 SUB CSTR NAS 4.711% 04/25/34		03/01/2019	Paydown		97,636	97,636	94,128	94,414			3,222	3,222		97,636				684	04/25/2034	1FM
..22541S-JV-1	CSFB 2004-AR5 CB1 SUB CSTR NAS 4.195% 06/25/34		03/01/2019	Paydown		99,849	99,849	94,997	95,472			4,377	4,377		99,849				526	06/25/2034	1FM
..22541S-M2-1	CSFB 2004-C4 E SUB AFC 5.135% 10/15/39		03/01/2019	Paydown		60,858	60,858	47,553	50,081			10,777	10,777		60,858				527	10/15/2039	1FM
..22541S-N4-6	CSFB 2004-C4 AX 10 CSTR NTL 0.346% 10/15/39		03/01/2019	Paydown				880	25			(5)	(5)		20		(20)	(20)	22	10/15/2039	6FE

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										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
22541S-UX-4	CSFB 2004-4 3A11 SEQ SSNR AS 5.500% 08/25/34		03/01/2019	Paydown		174,653	174,653	170,956	171,030		3,623		3,623		174,653				1,586	08/25/2034	1FM
22541S-VA-3	CSFB 2004-4 5A2 SEQ AS 6.000% 08/25/34		03/01/2019	Paydown		165,396	165,396	166,792	165,396						165,396				1,970	08/25/2034	1FM
22541S-XY-5	CSFB 2004-8 8A1 SEQ AS 5.750% 12/25/34		03/01/2019	Paydown		15,829	15,829	15,767	15,767		.62		.62		15,829				152	12/25/2034	1FM
22545#-AA-0	CREDIT WAREHOUSE REALTY LEASED SR-SEC 4.960% 10/10/33		03/10/2019	Redemption	100.0000			162,254	162,254						162,254				1,343	10/10/2033	2
22545B-AX-6	CSFB 2005-1 1A22 SSNR NAS 5.500% 02/25/35		03/01/2019	Paydown		106,346	106,346	104,468	104,840		1,506		1,506		106,346				1,389	02/25/2035	1FM
22545B-BV-9	CSFB 2005-1 3A5 Z SSNR AS 5.250% 02/25/35		03/01/2019	Paydown		616,384	616,384	581,484	603,837		12,547		12,547		616,384				7,839	02/25/2035	1FM
22545B-DT-2	CSFB 2005-C1 F SUB 4.821% 02/15/38		03/01/2019	Paydown		23,309	23,309	14,791	23,309						23,309				189	02/15/2038	1FM
22545L-BR-9	CSMC 2006-C5 AX 10 CSTR NTL 0.455% 12/15/39		03/01/2019	Paydown															184	12/15/2039	6FE
225470-DP-5	CSFB 2005-C5 F SUB AFC 5.100% 08/15/38		03/01/2019	Paydown		110,268	110,268	108,183	109,908		360		360		110,268				969	08/15/2038	1FM
2254W0-GV-1	CSFB 2004-6 1A2 SEQ SSNR AS 5.500% 10/25/34		03/01/2019	Paydown		64,339	64,339	62,743	62,776		1,563		1,563		64,339				459	10/25/2034	1FM
2254W0-JS-5	CSFB 2004-7 1A2 SEQ SSNR AS 5.250% 11/25/34		03/01/2019	Paydown		49,786	49,786	48,333	48,360		1,426		1,426		49,786				447	11/25/2034	1FM
2254W0-KY-0	CSFB 2004-7 1A4 SSNR NAS 5.250% 11/25/34		03/01/2019	Paydown		21,101	21,101	20,827	20,873		228		228		21,101				184	11/25/2034	1FM
228187-AA-8	CROWN AMER/CAP CORP VI CO.GUARNT 4.750% 02/01/26		01/22/2019	Tax Free Exchange		10,344,997	10,300,000	10,352,675	10,345,449		(451)		(451)		10,344,997				232,394	02/01/2026	3FE
22944#-AA-7	THE BK OF NY SR-SEC 6.063% 06/20/35		03/20/2019	Redemption	100.0000			19,542	19,542						19,542				296	06/20/2035	1
22944#-AA-7	THE BK OF NY SR-SEC 6.063% 06/20/35		02/20/2019	Redemption	100.0000			38,789	38,789						38,789				294	06/20/2035	1Z
22945#-AA-6	CTL 2009-10 TRUST-BOSTON UNIV SR-SEC 6.950% 06/15/27		03/15/2019	Redemption	100.0000			316,499	316,499						316,499				3,673	06/15/2027	1
22946#-AA-5	CTL 2010-7 TR-OSF HEALTHCARE SR-SEC 6.200% 03/15/31		03/15/2019	Redemption	100.0000			258,179	258,179						258,179				2,672	03/15/2031	1
22951#-AA-7	CTL PT TRUST-CREDIT SUISSE 2010-SR-SEC 5.250% 06/15/32		03/15/2019	Redemption	100.0000			392,523	392,523						392,523				3,450	06/15/2032	2
22952#-AA-6	GALAXY VENTURES LLC-STATE OF N SR-SEC 4.500% 04/15/23		01/15/2019	Redemption	100.0000			193,011	193,011						193,011				2,171	04/15/2023	1
22953*-AA-9	CTL-ID 3-PROPERTY PT TRUST-TD SR-SEC 4.250% 06/15/31		03/15/2019	Redemption	100.0000			183,882	183,882						183,882				1,304	06/15/2031	1
22954*-AA-8	CTL 2012-12 TRUST-XEROX-PALO A 2012-SR-SEC 3.970% 12/14/23		03/07/2019	Redemption	100.0000			1,449,981	1,449,981						1,449,981				9,605	12/07/2023	2
22955#-AA-3	CTL PT TRUST-UNIV. OF DELAWARE 2012-SR-SEC 4.110% 06/15/43		03/15/2019	Redemption	100.0000			163,953	163,953						163,953				1,124	06/15/2043	1
22956#-AA-2	LESMARK CAPITAL CTL PT TRUST-C 2013-SR-SEC 5.000% 01/15/39		03/15/2019	Redemption	100.0000			49,621	49,621						49,621				414	01/15/2039	2
22958#-AA-0	CTL PT TRUST-VA GREENVILLE-SC 2013-SR-SEC 4.500% 04/20/33		03/20/2019	Redemption	100.0000			277,267	277,267						277,267				2,082	04/20/2033	1
22959#-AA-9	CSOLAR IV SOUTH-LLC SR-SEC 5.371% 09/30/38		03/31/2019	Redemption	100.0000			287,069	287,069						287,069				3,855	09/30/2038	2FE
22959#-AA-1	CTL PT TRUST CERTIFICATES-HOME SR-SEC 4.780% 01/15/34		03/15/2019	Redemption	100.0000			51,128	51,128						51,128				426	01/15/2034	1
22960#-AA-8	CTL 2014-04 TRUST-TEXAS A&M SR-SEC 4.615% 11/15/34		03/15/2019	Redemption	100.0000			68,603	68,605		(1)		(1)		68,603				528	11/15/2034	1
22961#-AA-5	CTL-SSA BALTIMORE TRUST-GSA SS 2014-SR-SEC 4.500% 02/15/34		03/15/2019	Redemption	100.0000			1,326,520	1,326,520						1,326,520				9,964	02/15/2034	1
22962#-AA-6	CTL PT TR SER 2014-COSTCO SR-SEC 4.380% 09/15/45		03/15/2019	Redemption	100.0000			44,373	44,373						44,373				324	09/15/2045	1
22963#-AA-5	CTL 2014-04A TRUST-TEXAS A&M A SR-SEC 4.470% 11/15/34		03/15/2019	Redemption	100.0000			29,258	29,258						29,258				218	11/15/2034	1
22966#-AA-0	CTL PT TR-CIRI SR-SEC 4.637% 12/15/44		03/15/2019	Redemption	100.0000			186,190	191,773		(4,996)		(4,996)		186,190				1,441	12/15/2044	2
22966*-AA-4	CTL PT TR-COSTCO SR-SEC 4.410% 09/15/45		03/15/2019	Redemption	100.0000			5,025	5,025						5,025				37	09/15/2045	1

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										11	12	13	14	15							
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22966R-AE-6	CUBESMART LP CO. GUARNT 4.375% 02/15/29		01/24/2019	WELLS FARGO		6,333,490	6,350,000	6,309,106							6,309,106		24,384	24,384		02/15/2029	2FE
22972@-AA-4	CTL PT TR SER 2015-LOWES DELAW SR-SEC 3.740% 03/20/35		03/20/2019	Redemption	100.0000	86,082	86,082	86,082	86,082						86,082				537	03/20/2035	1
22974@-AA-2	CTL PT TR SER 2016-WESTCHESTER CO SR-SEC 3.850% 03/15/36		03/15/2019	Redemption	100.0000	248,473	248,473	248,473	248,473						248,473				1,596	03/15/2036	1
22977#-AA-7	CTL PT TR SER 2016-CAREALLIANC 4.310% 12/10/37		03/10/2019	Redemption	100.0000	99,324	99,324	102,215	102,002		(2,678)		(2,678)		99,324				714	12/10/2037	2
22977*-AA-1	CTL PT TR SER 2016-CORONA RIVE 4.060% 02/15/38		03/15/2019	Redemption	100.0000	174,670	174,670	174,670	174,670						174,670				1,190	02/15/2038	1
22978*-AA-0	CTL PT TRUST-SER 2016-VA HILLS 3.470% 10/15/33		03/15/2019	Redemption	100.0000	4,869,045	4,869,045	4,910,322	4,905,613		(36,568)		(36,568)		4,869,045				14,784	10/15/2033	1
22978@-AA-8	CTL PT TR SER 2017-LOWES SCOTT 3.650% 09/20/31		03/20/2019	Redemption	100.0000	140,888	140,888	142,635	142,426		(1,538)		(1,538)		140,888				858	09/20/2031	1
22979@-AA-7	CTL 2016-29 TRUST-SPIRIT AEROS 4.694% 12/15/37		03/15/2019	Redemption	100.0000	212,310	212,310	212,310	212,310						212,310				1,663	12/15/2037	2
22983*-AA-3	STATE OF CALIFORNIA-CHP CHICO SR-SEC 3.991% 09/15/36		03/15/2019	Redemption	100.0000	150,350	150,350	154,860	154,052		(3,702)		(3,702)		150,350				1,001	09/15/2036	1
22983@-AA-1	KONINKLIJKE AHOLD N.V.-ROYAL A SR-SEC 5.355% 12/15/36		03/15/2019	Redemption	100.0000	133,315	133,315	133,315	133,315						133,315				1,184	12/15/2036	2
22984@-AA-0	CTL PT TR SER 2015-GUARDIAN LI SR 3.920% 07/15/36		03/15/2019	Redemption	100.0000	560,483	560,483	565,773	565,072		(4,590)		(4,590)		560,483				3,666	07/15/2036	1
233046-AD-3	DNKN 2015-1A A211 SEQ 3.980% 02/20/45		02/20/2019	Paydown		353,038	353,038	353,557	353,430		(393)		(393)		353,038				3,513	02/20/2045	3AM
233046-AF-8	DNKN 2017-1A A211 SEQ 4.030% 11/20/47		02/20/2019	Paydown		37,500	37,500	37,500	37,500						37,500				378	11/20/2047	2AM
23311*-AA-4	DCC BAY CITY 2013 CTL TRUST-DO SR-SEC 3.590% 07/20/34		03/20/2019	Redemption	100.0000	296,815	296,815	296,815	296,815						296,815				1,778	07/20/2034	2
23317*-AC-4	04 SOUTH LC-CIA DD4 SOUTH LC 3.550% 09/05/33		03/05/2019	Redemption	100.0000	168,123	168,123	168,123	168,123						168,123				996	09/05/2033	1
23422*-AC-6	DAKOTA GASIFICATION CO SR 4.010% 05/08/45		02/05/2019	Redemption	100.0000	(222)	(222)	(222)	(222)						(222)					05/08/2045	1
24763L-BM-1	DELHE 1997-2 A5 SEQ AS 7.370% 06/25/27		03/01/2019	Paydown		5,935	5,935	1,909	1,909		4,026		4,026		5,935				30	06/25/2027	1FM
24764@-AA-2	DELTA ENGINES 2017 LEASE-BKD P SR-SEC 6.750% 11/20/22		03/20/2019	Redemption	100.0000	2,792,612	2,792,612	2,792,612	2,792,612						2,792,612				31,476	11/20/2022	2PL
251510-CV-3	DBALT 2005-1 1A1 FLT AS 2.986% 02/25/35		03/25/2019	Paydown		75,892	75,892	52,742	46,321		29,571		29,571		75,892				362	02/25/2035	1FM
251510-ET-6	DBALT 2005-3 M MEZ CSTR NAS 4.910% 06/25/35		03/01/2019	Paydown		87,726	87,726												148	06/25/2035	1FM
251511-AC-5	DBALT 2006-AB2 A3 AFC SEQ SSNR AS 5.048% 06/25/36		03/01/2019	Paydown		168,980	223,705	119,290	127,180		72,932		72,932		200,112		(31,132)	(31,132)	1,436	06/25/2036	1FM
251513-AY-3	DBALT 2006-AB4 A4A STEP AFC SEQ AS 6.000% 10/25/36		03/01/2019	Paydown		296,625	296,625	297,143	296,625						296,625				3,005	10/25/2036	1FM
251563-BM-3	DMSI 2003-1 1A8 SEQ SSUP NAS 5.500% 04/25/33		03/01/2019	Paydown		918	918	916	916		1		1		918				8	04/25/2033	1FM
251563-BS-0	DMSI 2003-1 M MEZ CSTR NAS 5.500% 04/25/33		03/01/2019	Paydown		3,712	3,712	3,689	3,693		19		19		3,712				34	04/25/2033	1FM
251563-BT-8	DMSI 2003-1 B1 SUB CSTR NAS 5.500% 04/25/33		03/01/2019	Paydown		1,692	1,692	1,658	1,675		17		17		1,692				15	04/25/2033	2FM
25157T-AA-2	DMSI 2007-WM1 A1 SC CSTR SSNR 3.686% 06/27/37		03/01/2019	Paydown		559,175	559,175	561,078	565,272		(6,097)		(6,097)		559,175				3,948	06/27/2037	1FM
25248*-AA-7	DHL GUARANTEED BY DEUTSCHE POS SR-SEC 5.605% 12/29/22		01/15/2019	Redemption	100.0000	1,030,954	1,030,954	1,122,812	1,051,535		(20,580)		(20,580)		1,030,954				28,892	01/15/2022	1
25272X-AA-3	DROT 2017-1A A SEQ 3.270% 10/22/29		03/20/2019	Paydown		762,828	762,828	762,636	762,662		167		167		762,828				3,973	10/22/2029	1FE
25275@-AA-1	DIAMOND STATE GENERATION PARTN A-SR-SEC 5.220% 03/30/25		03/30/2019	Redemption	100.0000	590,949	590,949	590,949	590,949						590,949				7,712	03/30/2025	2FE
254687-DU-7	WALT DISNEY COMPANY/THE CO. GUARNT 6.550% 03/15/33		03/20/2019	TENDER SALE		1,000	1,000	1,299						1,299		(1,299)	(1,299)	(1,299)		03/15/2033	1FE
254687-DY-9	WALT DISNEY COMPANY/THE CO. GUARNT 6.200% 12/15/34		03/20/2019	TENDER SALE		1,000	1,000	1,268						1,268		(1,268)	(1,268)	(1,268)		12/15/2034	1FE

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SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange 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 Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
25468P-CX-0	WALT DISNEY COMPANY/THE SR UNSEC 5.500% 03/15/19		03/15/2019	Maturity		25,000,000	25,000,000	24,954,500	24,998,824		1,176		1,176		25,000,000				687,500	03/15/2019	1FE
25471*-AA-5	DISNEY LMA PT TRUST-DISNEY SR-SEC 4.100% 08/01/24		03/01/2019	Redemption 100.0000		1,688,571	1,688,571	1,688,571	1,688,571						1,688,571				11,534	08/01/2024	1
25755T-AE-0	DPABS 2015-1A A211 SEQ 4.474% 10/25/45		01/25/2019	Paydown		67,500	67,500	67,500	67,500						67,500				755	10/25/2045	2AM
25755T-AG-5	DPABS 2017-1A A211 SEQ 3.082% 07/25/47		01/25/2019	Paydown		37,500	37,500	37,500	37,500						37,500				289	07/25/2047	2AM
25755T-AH-3	DPABS 2017-1A A23 SEQ 4.118% 07/25/47		01/25/2019	Paydown		125,000	125,000	125,000	125,000						125,000				1,287	07/25/2047	2AM
25755T-AJ-9	DPABS 2018-1A A21 SEQ 4.116% 07/25/48		01/25/2019	Paydown		16,063	16,063	16,063	16,063						16,063				165	07/25/2048	2AM
25857@-AA-7	DOUBLE DIAMOND FDG-V-LLC SR CLASS A 3.900% 08/01/36		03/01/2019	Paydown		980,013	980,013	980,013	980,013						980,013				6,642	08/01/2036	1FE
25857@-AB-5	DOUBLE DIAMOND FDG-V-LLC SUB CLASS B 4.850% 08/01/36		03/01/2019	Paydown		175,002	175,002	175,002	175,002						175,002				1,475	08/01/2036	2AM
25858*-AA-8	DOUBLE DIAMOND FDG-VI-LLC CLASS A 4.000% 03/22/38		03/01/2019	Paydown		1,466,214	1,466,214	1,466,214	1,466,214						1,466,214				10,168	03/22/2038	1FE
25858*-AB-6	DOUBLE DIAMOND FDG-VI-LLC CLASS B 4.500% 03/22/38		03/01/2019	Paydown		451,143	451,143	451,143	451,143						451,143				3,519	03/22/2038	2AM
25859@-AA-5	DOUBLE DIAMOND FDG-VII-LLC A-SR-UNSEC 4.500% 12/15/39		03/01/2019	Redemption 100.0000		2,120,803	2,120,803	2,120,803	2,120,803						2,120,803				16,978	12/15/2039	1FE
25859@-AB-3	DOUBLE DIAMOND FDG-VII-LLC B-SUB-UNSEC 5.000% 12/15/39		03/01/2019	Redemption 100.0000		745,387	745,387	745,387	745,387						745,387				6,600	12/15/2039	2AM
25859@-AC-1	DOUBLE DIAMOND FDG-VII-LLC C-SUB-UNSEC 6.250% 12/15/39		03/07/2019	Redemption 100.0000		114,922	114,922	114,922	114,922						114,922				1,278	12/15/2039	3AM
26061#-AA-5	DOW LOUISIANA LEASE-BKD PT TRU SR 4.968% 12/15/41		03/15/2019	Redemption 100.0000		215,669	215,669	215,669	215,669						215,669				1,788	12/15/2041	2
26061@-AA-7	DOW MICHIGAN LEASE-BACKED PASS 4.860% 05/15/42		03/15/2019	Redemption 100.0000		94,558	94,558	94,558	94,558						94,558				767	05/15/2042	2
26208L-AA-6	HONK 2015-1A A2 SEQ 5.216% 07/20/45		01/20/2019	Paydown		65,000	65,000	64,978	64,980		20		20		65,000				848	07/20/2045	2AM
26442E-AD-2	DUKE ENERGY OHIO INC 1ST MORTG 3.800% 09/01/23		03/22/2019	WELLS FARGO Redemption 100.0000		9,966,905	9,575,000	9,571,840	9,573,353		75		75		9,573,428		393,477	393,477	207,192	09/01/2023	1FE
26885*-AA-3	CTL PT TRUST-NEOMED 2012-SR-SEC 5.390% 11/08/44		03/08/2019	Redemption 100.0000		174,191	174,191	176,965	176,520		(2,328)		(2,328)		174,191				1,567	11/08/2044	2
27004@-AA-5	EAGLES STADIUM OPERATOR LLC / A-SR-SEC 4.580% 01/15/39		01/15/2019	Redemption 100.0000		501,738	501,738	501,738	501,738						501,738				11,490	01/15/2039	2PL
27004@-AB-3	EAGLES STADIUM OPERATOR LLC / B-SR-SEC 4.580% 01/15/39		01/15/2019	Redemption 100.0000		159,644	159,644	159,644	159,644						159,644				3,656	01/15/2039	2PL
27326#-AB-2	EAST KENTUCKY POWER COOP-INC. A-SR-SEC 4.610% 02/06/44		01/17/2019	G2 Redemption 100.0000		46,184,000	46,000,000	46,230,000	46,209,901		(896)		(896)		46,209,006		(25,005)	(25,005)	989,613	02/06/2044	1
28258#-AA-4	8POINT3 SOLAR INVESTCO 1-LLC SR-SEC 4.680% 11/30/35		02/28/2019	Redemption 100.0000		1,013,246	1,013,246	1,013,246	1,013,246						1,013,246				23,710	11/30/2035	2PL
28621@-AA-6	ELEVATE HOLDCO FDG-LLC A-SR-SEC 5.350% 12/31/32		03/31/2019	Redemption 100.0000		1,336,204	1,336,204	1,336,204	1,336,204						1,336,204				7,218	12/31/2032	2FE
288547-AC-6	ELAT 2007-2 A2B FLT STEP IRC 3.436% 05/25/37		03/25/2019	Paydown		435,136	435,136	378,059	434,170		965		965		435,136				2,609	05/25/2037	1FM
28932M-AA-3	ELM RD GENERATING STAT SR SEC 5.209% 02/11/30		02/11/2019	Redemption 100.0000		347,059	347,059	347,059	347,059						347,059				9,039	02/11/2030	1FE
29357#-AC-8	ENSIGN US FINANCIAL-DELAWARE L C-SR-UNSEC 4.540% 02/22/22		01/10/2019	Call 104.0683		28,098,441	27,000,000	27,000,000	27,000,000						27,000,000				1,234,641	02/22/2022	3
29365K-AC-7	ETI 2009-A A3 SEQ 4.380% 11/01/23		02/01/2019	Paydown		1,682,161	1,682,161	1,710,471	1,687,648		(5,487)		(5,487)		1,682,161				36,839	11/01/2023	1FE
29379V-AC-7	ENTERPRISE PRODUCTS OPER CO GUARNT 6.500% 01/31/19		01/31/2019	Maturity		15,000,000	15,000,000	14,979,900	14,999,776		224		224		15,000,000				487,500	01/31/2019	2FE
294751-BY-7	EQABS 2003-1 M2 MEZ CSTR 5.789% 08/25/33		03/01/2019	Paydown		89,049	89,049	35,625	40,429		1,052		1,052		41,481		(41,481)	(41,481)	229	08/25/2033	1FM
294751-DR-0	EQABS 2004-1 AFS STEP AFC IRC AS 5.610% 04/25/34		03/01/2019	Paydown		339,332	339,332	339,332	339,332						339,332				2,546	04/25/2034	1FM
294751-DX-7	EQABS 2004-1 M3 MEZ STEP AFC IRC NAS 5.760% 04/25/34		03/01/2019	Paydown		155,888	155,888	103,286	109,688		46,200		46,200		155,888				1,370	04/25/2034	1FM
294751-EL-2	EQABS 2004-2 M2 MEZ STEP AFC NAS 6.060% 07/25/34		03/01/2019	Paydown		3,592	3,592	3,501	3,590		2		2		3,592				43	07/25/2034	2FM

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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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
294751-EM-0	EQABS 2004-2 M3 MEZ STEP AFC NAS 6.181% 07/25/34		03/01/2019	Paydown			108,251	3,877	4,348		(9)		(9)		4,339		(4,339)	(4,339)	.465	07/25/2034	1FM
294751-EV-0	EQABS 2004-3 AF5 STEP AFC AS 4.541% 07/25/34		03/01/2019	Paydown		580,266	580,266	577,546	578,045		2,221		2,221		580,266				4,586	07/25/2034	1FM
294751-FC-1	EQABS 2004-3 M4 MEZ STEP AFC NAS 4.535% 07/25/34		03/01/2019	Paydown			161,049												552	07/25/2034	1FM
29669*-AA-9	ESSENTIA HEALTH OBLIGATED GROU QQQ-SR-UNSEC 3.990% 02/15/35		02/15/2019	Redemption 100.0000		6,485,661	6,485,661	6,485,661	6,485,661						6,485,661				129,389	02/15/2035	1
29669*-AB-7	ESSENTIA HEALTH 3.900% 02/15/40		02/15/2019	Redemption 100.0000		474,000	474,000	474,000	474,000						474,000				9,243	02/15/2040	1
29854*-AA-4	EUREKA FEDERAL COURTHOUSE LEAS SR-SEC 3.750% 02/15/35		03/15/2019	Redemption 100.0000		101,248	101,248	101,248	101,248						101,248				634	02/15/2035	1
30246Q-CN-1	FBRSI 2005-5 AV24 FLT STEP AFC IRC 3.226% 11/25/35		02/25/2019	Paydown		198,398	198,398	151,609	198,051		346		346		198,398				834	11/25/2035	1FM
302738-AA-3	FPL ROCKAWAY PEAKING FACILITIE SR-SEC 7.110% 06/28/20		01/02/2019	Call 103.9284 Redemption 100.0000		3,268,960	3,145,397	3,182,221	3,149,939		(16)		(16)		3,149,922		(4,525)	(4,525)	168,782	12/30/2019	2
30291*-AA-3	FBI BOSTON LEASE-BKD PT TRUST- 4.220% 10/13/36		03/15/2019	Redemption 100.0000		829,668	829,668	829,668	829,668						829,668				5,801	10/13/2036	1
302928-AA-0	FNA 2018-1 LLC UNSEC 4.300% 04/11/30		03/10/2019	Paydown		5,268,900	5,268,900	5,268,900	5,268,900						5,268,900				54,233	04/11/2030	1FE
30711X-AT-1	CAS 2015-C01 1M2 MEZ FLT 6.786% 02/25/25		01/28/2019	BNP PARIBAS							(6)		(6)		(6)		6	6		02/25/2025	1
30711X-C3-6	CAS 2018-C02 2M2 EXCH MEZ FLT 4.699% 08/25/30		02/14/2019	Various		14,529,629	14,500,000	14,500,000	14,500,000						14,500,000		29,629	29,629	93,043	08/25/2030	2
30711X-GP-3	CAS 2017-C02 2M2 MEZ FLT 6.136% 09/25/29		01/18/2019	MORGAN STANLEY & CO. INC.		16,156,055	15,000,000	15,000,000	15,000,000						15,000,000		1,156,055	1,156,055	71,823	09/25/2029	4AM
30711X-QX-5	CAS 2017-C06 1M2 EXCH MEZ FLT 5.136% 02/25/30		01/08/2019	Various		4,071,797	4,000,000	4,000,000	4,000,000						4,000,000		71,797	71,797	6,875	02/25/2030	4AM
30711X-YX-6	CAS 2018-C01 1M2 EXCH SUB FLT 4.749% 07/25/30		01/16/2019	Various		20,035,820	20,000,000	20,000,000	20,000,000						20,000,000		35,820	35,820	58,528	07/25/2030	4AM
31304*-AA-6	FBI MINNEAPOLIS LEASE-BACK TRU SR-SEC 5.600% 01/10/32		03/10/2019	Redemption 100.0000		441,957	441,957	441,957	441,957						441,957				4,131	01/10/2032	1
31305*-AA-1	FBI CINCINNATI LEASE BKD TRUST SR-SEC 5.600% 02/10/32		03/10/2019	Redemption 100.0000		297,941	297,941	297,941	297,941						297,941				2,785	02/10/2032	1
31306*-AA-0	FBI PORTLAND LEASE BKD TRUST-G SR-SEC 5.600% 03/10/32		03/10/2019	Redemption 100.0000		337,018	337,018	337,018	337,018						337,018				3,150	03/10/2032	1
313068-AA-2	FBI SAN DIEGO LEASE BKD TRUST- SR-SEC 4.750% 04/26/33		03/10/2019	Redemption 100.0000		939,233	939,233	939,233	939,233						939,233				7,446	04/10/2033	1
31331F-AX-9	FEDEX CORP 1998 PASS TST PT CERTS 6.720% 01/15/22		01/15/2019	Redemption 100.0000		586,210	586,210	544,325	579,221		6,989		6,989		586,210				19,697	07/15/2021	2AM
31331F-BA-8	FEDERAL EXPRESS PT 991A-SR-SEC 7.650% 01/15/22		01/15/2019	Redemption 100.0000		930,350	930,350	930,350	930,350						930,350				35,586	01/15/2022	1FE
31331F-BB-6	FEDERAL EXPRESS PT 991B-SR-SEC 7.900% 01/15/20		01/15/2019	Redemption 100.0000		1,381,462	1,381,462	1,381,462	1,381,462						1,381,462				54,568	01/15/2020	2FE
31359U-PG-4	FNW 1998-W2 B1 SUB 6.500% 06/25/28		03/01/2019	Paydown		113,213	113,213	109,353	109,864		3,349		3,349		113,213				1,143	06/25/2028	1AM
31359U-PH-2	FNW 1998-W2 B2 SUB 6.500% 06/25/28		03/01/2019	Paydown		100,571	100,571	95,965	96,623		3,948		3,948		100,571				1,016	06/25/2028	4AM
31359U-PJ-8	FNW 1998-W2 B3 SUB 6.500% 06/25/28		03/01/2019	Paydown		56,891	56,891	51,817	52,239		4,651		4,651		56,891				574	06/25/2028	5AM
313760-MD-8	STACR 2017-DNA1 M2 EXCH MEZ FLT 5.740% 07/25/29		01/30/2019	BANK OF AMERICA		21,460,938	20,000,000	20,000,000	20,000,000						20,000,000		1,460,938	1,460,938	118,338	07/25/2029	3AM
313760-NX-3	STACR 2017-DNA2 M2 EXCH MEZ FLT 5.936% 10/25/29		01/18/2019	BANK OF AMERICA		15,092,109	14,000,000	14,000,000	14,000,000						14,000,000		1,092,109	1,092,109	64,857	10/25/2029	3AM
313760-QQ-5	STACR 2017-DNA3 M2 EXCH MEZ FLT 4.986% 03/25/30		03/19/2019	Various		13,381,094	13,000,000	13,000,000	13,000,000						13,000,000		381,094	381,094	149,406	03/25/2030	4AM
313760-RL-5	STACR 2017-HQA3 M2 EXCH MEZ FLT 4.840% 04/25/30		03/20/2019	WELLS FARGO		13,670,859	13,500,000	13,500,000	13,500,000						13,500,000		170,859	170,859	156,504	04/25/2030	4AM
31393Y-Y4-1	FNW 2004-W6 M MEZ CSTR NAS 5.512% 07/25/34		03/01/2019	Paydown		108,993	167,188	59,285	54,333	4,952	.70,344		75,296		129,629		(20,636)	(20,636)	1,357	07/25/2034	6*
31562*-AA-9	FF LANDLORD #1-LLC-FLOWERS SR-SEC 6.540% 09/15/30		03/15/2019	Redemption 100.0000		49,940	49,940	49,940	49,940						49,940				545	09/15/2030	2

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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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange 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 Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
31564#-AA-7	WELLS FARGO BK NW-N.A.-FLOWERS SR-SEC 6.750% 03/31/32		03/31/2019	Redemption	100.0000	172,019	172,019	172,019	172,019						172,019				1,939	03/31/2032	2
31565#-AA-6	WELLS FARGO BK NW-N.A.-FLOWERS SR-SEC 7.210% 07/31/31		03/31/2019	Redemption	100.0000	116,538	116,538	116,538	116,538						116,538				1,403	07/31/2031	2
31565@-AA-8	WELLS FARGO BK NW-N.A.-FLOWERS SR-SEC 7.670% 01/31/33		03/31/2019	Redemption	100.0000	103,945	103,945	103,945	103,945						103,945				1,662	01/31/2033	2
31565@-AA-8	WELLS FARGO BK NW-N.A.-FLOWERS SR-SEC 7.670% 01/31/33		01/31/2019	Redemption	100.0000	51,478	51,478	51,478	51,478						51,478				329	01/31/2033	2Z
31565@-AB-6	WELLS FARGO BK-FLOWERS \$780M SR-SEC 7.670% 01/31/20		03/30/2019	Redemption	100.0000	25,924	25,924	25,924	25,924						25,924				332	01/30/2020	2
31659T-DV-4	FMIC 2005-2 M2 MEZ FLT STEP AFC 3.221% 12/25/35		03/25/2019	Paydown		49,316	49,316	37,233	44,479		4,836		4,836		49,316				343	12/25/2035	1FM
32027N-ED-9	FFML 2003-FFH1 M1 MEZ FLT STEP 3.540% 09/25/33		03/25/2019	Paydown		188,790	188,790	175,575	178,077		10,713		10,713		188,790				1,114	09/25/2033	1FM
32027N-KJ-9	FFML 2004-FF6 M1 MEZ FLT STEP IRC 3.416% 07/25/34		03/25/2019	Paydown		80,179	80,179	47,857	38,322		41,856		41,856		80,179				474	07/25/2034	1FM
32027N-VV-0	FFML 2005-FF9 A4 FLT STEP 2.846% 10/25/35		01/16/2019	BMO CAPITAL MARKETS		9,537,343	9,543,307	8,922,992	9,176,165		6,527		6,527		9,182,691		354,652	354,652	19,671	10/25/2035	1FM
32051G-2H-7	FHASI 2006-1 1A10 AD SSNR AS 6.000% 05/25/36		03/01/2019	Paydown		5,247	5,918	4,630	4,505		1,247		1,247		5,752		(505)	(505)	63	05/25/2036	1FM
32051G-2J-3	FHASI 2006-1 1A11 Z SSNR AS 6.000% 05/25/36		03/01/2019	Paydown		21,266	23,988	18,475	17,970		5,311		5,311		23,281		(2,015)	(2,015)	255	05/25/2036	1FM
32051G-AA-3	FHAMS 2004-AA4 A1 CSTR AS 4.372% 10/25/34		03/01/2019	Paydown		338,193	338,193	319,359	320,475		17,717		17,717		338,193				2,414	10/25/2034	1FM
32051G-CQ-6	FHASI 2004-7 1A4 NAS 5.500% 01/25/35		03/01/2019	Paydown		1,638,667	1,638,667	1,645,708	1,640,502		(1,836)		(1,836)		1,638,667				22,457	01/25/2035	1FM
32051G-FL-4	FHAMS 2005-FA1 1A1 NAS 5.500% 03/25/35		03/01/2019	Paydown		4,677,236	4,703,574	3,566,667	3,548,764		1,148,315		1,148,315		4,697,079		(19,843)	(19,843)	64,499	03/25/2035	1FM
32051G-N3-5	FHASI 2005-8 1A1 NAS 5.750% 02/25/36		03/01/2019	Paydown		18,793	18,793	13,952	14,163		4,812		4,812		18,975		536	536	198	02/25/2036	1FM
32051G-P4-1	FHASI 2005-8 1A10 AD AS 5.750% 02/25/36		03/01/2019	Paydown		20,095	19,355	14,390	14,608		4,934		4,934		19,542		553	553	204	02/25/2036	1FM
32051G-RU-1	FHAMS 2005-FA5 1A4 SSNR NAS 5.500% 08/25/35		03/01/2019	Paydown		2,853,945	3,041,070	2,121,401	1,871,264		1,097,070		1,097,070		2,968,334		(114,389)	(114,389)	41,095	08/25/2035	1FM
32051G-VL-6	FHAMS 2005-FA7 1A4A SSNR NAS 5.500% 10/25/35		03/01/2019	Paydown		196,906	201,137	123,597	122,667		76,808		76,808		199,475		(2,569)	(2,569)	1,505	10/25/2035	1FM
32052U-AB-9	FHASI 2006-4 1A2 NAS 5.750% 02/25/37		03/01/2019	Paydown		197,186	269,458	191,703	164,464		76,612		76,612		241,076		(43,890)	(43,890)	3,138	02/25/2037	1FM
33632*-UU-4	FIRST SECURITY BK NA-PHILLIPS SR-SEC 7.950% 12/10/20		03/10/2019	Redemption	100.0000	258,005	258,005	258,005	258,005						258,005				3,426	12/10/2020	1
33736*-AF-9	FIRST UNION COMMERCIAL CORP.-B SR-SEC 5.800% 01/02/24		01/02/2019	Redemption	100.0000	14,142,856	14,142,856	14,142,856	14,142,856						14,142,856				410,143	01/02/2024	1
337925-CP-4	FPLUS 1997-4 M2 MEZ STEP 7.830% 09/11/23		03/01/2019	Paydown		36,239	36,239				36,239		36,239		36,239				419	09/11/2023	1FM
33840*-AA-3	521-533 LLC-IFF SR-SEC 4.770% 11/15/30		03/15/2019	Redemption	100.0000	448,240	448,240	448,240	448,240						448,240				3,568	11/15/2030	2
341081-FJ-1	FLORIDA POWER & LIGHT CO 1ST MORTG 2.750% 06/01/23		03/27/2019	Various		23,363,987	23,300,000	23,211,227	23,257,701		1,923		1,923		23,259,623		104,364	104,364	192,836	06/01/2023	1FE
34417M-AA-5	FOCUS 2017-1A A21 SEQ 3.857% 04/30/47		01/30/2019	Paydown		11,250	11,250	11,250	11,250						11,250				108	04/30/2047	2AM
34417M-AB-3	FOCUS 2017-1A A211 SEQ 5.093% 04/30/47		01/30/2019	Paydown		55,000	55,000	55,000	55,000						55,000				700	04/30/2047	2AM
34417Q-AA-6	FOCUS 2018-1 A2 SEQ 5.184% 10/30/48		01/30/2019	Paydown		30,000	30,000	30,000	30,000						30,000				393	10/30/2048	2AM
345397-VR-1	FORD MOTOR CREDIT CO LLC SR UNSEC 5.750% 02/01/21		03/05/2019	BNP PARIBAS		25,700,250	25,000,000	24,882,500	24,969,690		2,450		2,450		24,972,140		728,110	728,110	862,500	02/01/2021	2FE
345397-VU-4	FORD MOTOR CREDIT CO LLC SR UNSEC 5.875% 08/02/21		03/27/2019	Various		38,497,140	37,333,000	37,816,727	37,489,892		(13,350)		(13,350)		37,476,542		1,020,598	1,020,598	1,425,600	08/02/2021	2FE
35729P-DB-3	FHLT 2004-1 M3 MEZ FLT STEP 3.311% 02/25/34		01/25/2019	Paydown		1,846	1,846	1,535	1,664		182		182		1,846				5	02/25/2034	1FM
361448-AN-3	GATX CORP SR UNSEC 4.750% 06/15/22		01/10/2019	U.S. BANCORP INVESTMENTS INC		22,540,455	21,950,000	21,741,475	21,866,555		801		801		21,867,357		673,098	673,098	83,989	06/15/2022	2FE
36157L-C*-7	GECMSI GECMSI 1994-02 6.446% 06/25/24		03/01/2019	Paydown		3,452	3,452	3,452	3,452		3,452		3,452		3,452				35	12/31/2035	6*
36157T-JG-7	GECMSI GECMSI 1995-01A 8.014% 12/25/24		03/01/2019	Paydown		7,060	7,060	7,060	7,060		7,060		7,060		7,060				88	12/25/2024	6*
36164A-AA-1	GFG 2014-1A A SEQ 5.210% 07/15/40		01/15/2019	Paydown		638,571	638,571	638,571	638,571						638,571				8,317	07/15/2040	1FE
36170U-CQ-2	GFORC 2005 RR2 AAA SC SEQ CDO-CRE CD 5.336% 12/25/39		03/01/2019	Paydown		354,744	354,744				354,744		354,744		354,744				3,180	12/25/2039	6*

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										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
361849-CB-6	GMACC 1997-C1 X 10 CSTR NTL 1.352% 07/15/29		01/01/2019	Paydown				318,868											3,489	07/15/2029	6FE
361849-ER-9	GMACC 1999-C1 X 10 CSTR NTL 0.199% 05/15/33		01/01/2019	Paydown															32	05/15/2033	6*
361856-DX-2	GMACM 2004-HE5 A5 CSTR STEP AFC AS 5.865% 09/25/34		03/01/2019	Paydown		150,540	150,540	150,540	150,540						150,540				1,620	09/25/2034	1FM
36185M-AJ-1	GMACM 2005-AF1 A2 FLT AFC AD AS 3.086% 07/25/35		03/25/2019	Paydown		381,071	381,071	316,837	312,825		68,246		68,246		381,071				1,946	07/25/2035	1FM
36185M-CL-4	GMACM 2005-J1 A14 NAS 5.500% 12/25/35		03/01/2019	Paydown		114,743	121,950	102,892	105,555		15,413		15,413		120,968		(6,225)	(6,225)	1,533	12/25/2035	1FM
36185M-EG-3	GMACM 2006-J1 A6 SSNR NAS 5.750% 04/25/36		03/01/2019	Paydown		175,732	167,606	147,711	151,253		17,146		17,146		168,399		7,333	7,333	1,541	04/25/2036	1FM
36185N-J4-3	GMACM 2003-J8 M1 MEZ NAS 5.250% 12/25/33		03/01/2019	Paydown		8,399	12,424	7,692	3,240	3,785	3,600		7,385		10,625		(2,226)	(2,226)	118	12/25/2033	1FM
36185N-S4-3	GMACM 2004-JR1 A10 SC Z AS 5.250% 12/25/33		03/01/2019	Paydown		185,786	185,786	162,418	183,675		2,111		2,111		185,786				1,744	12/25/2033	1FM
36185N-X5-4	GMACM 2004-AR1 14A CSTR AS 4.688% 06/25/34		03/01/2019	Paydown		208,569	208,569	209,156	209,081		(512)		(512)		208,569				929	06/25/2034	1FM
36187-AA-7	WELLS FARGO BK NII-N.A.-WALGREEN CTL1-SR-SEC 5.940% 08/01/31		03/01/2019	Redemption	100.0000		78,320	78,833	78,616		(296)		(296)		78,320				777	08/01/2031	2
36208-AA-8	GNI OF PARK RIDGE-LLC-WALGREEN SR-SEC 6.450% 07/15/27		03/15/2019	Redemption	100.0000		30,066	30,066	30,066						30,066				324	07/15/2027	2
36228C-Y0-0	GSMS 2006 CC1 A SC CSTR CDO-GRE CDO 5.420% 03/21/46		03/01/2019	Paydown		142,325	154,915	14,950	17,883		126,030		126,030		143,914		(1,589)	(1,589)	1,323	03/21/2046	6FE
36228F-3P-9	GSAA 2004-3 AF4 STEP AFC AS 6.220% 04/25/34		03/01/2019	Paydown		528,479	528,479	519,776	520,144		8,335		8,335		528,479				3,208	04/25/2034	1FM
36228F-6P-6	GSAMP 2004-AR1 M1 MEZ FLT STEP 3.474% 06/25/34		03/25/2019	Paydown		62,249	62,249	59,215	60,009		2,240		2,240		62,249				373	06/25/2034	1FM
36228F-H6-6	GSR 2004-3F 2A11 NAS 5.500% 02/25/34		03/01/2019	Paydown		98,975	98,975	101,264	100,423		(1,448)		(1,448)		98,975				864	02/25/2034	1FM
36228F-TX-4	GSR 2003-7F 1A5 NAS 5.250% 06/25/33		03/01/2019	Paydown		74,016	74,016	71,695	71,741		2,275		2,275		74,016				903	06/25/2033	1FM
36228F-UC-8	GSR 2003-7F 2A5 NAS 5.250% 06/25/33		03/01/2019	Paydown		70,419	70,419	67,530	67,588		2,831		2,831		70,419				615	06/25/2033	1FM
36228F-VA-1	GSR 2003-7F B1 SUB CSTR NAS 5.870% 06/25/33		03/01/2019	Paydown		60,978	60,978	60,368	60,376		602		602		60,978				691	06/25/2033	1FM
36228F-VB-9	GSR 2003-7F B2 SUB CSTR NAS 5.870% 06/25/33		03/01/2019	Paydown		19,599	19,599	19,287	19,292		307		307		19,599				222	06/25/2033	5FM
3622EC-AK-2	GSAA 2007-5 1F4A CSTR STEP AFC AS 6.032% 03/25/47		03/01/2019	Paydown		173,702	173,702	97,659	98,130		75,572		75,572		173,702				654	03/25/2047	1FM
3622EL-AD-8	GSAA 2006-18 AF4A STEP AFC AS 5.923% 11/25/36		03/01/2019	Paydown		432,657	432,657	221,406	219,628		213,029		213,029		432,657				1,336	11/25/2036	1FM
3622MP-AA-6	GSR 2007-1F 3A1 EXCH SEQ AS 6.000% 01/25/37		03/01/2019	Paydown		30,112	35,676	19,396	13,398		18,787		18,787		32,185		(2,073)	(2,073)	407	01/25/2037	1FM
3622MP-BE-7	GSR 2007-1F 3A15 EXCH SEQ AS 6.000% 01/25/37		03/01/2019	Paydown		275,023	325,840	290,279	294,485		26,361		26,361		320,846		(45,822)	(45,822)	3,714	01/25/2037	3FM
3622MP-AR-4	GSR 2007-3F 3A5 EXCH SEQ AS 6.000% 05/25/37		03/01/2019	Paydown		240,116	261,954	96,559	94,115		153,807		153,807		247,923		(7,807)	(7,807)	2,514	05/25/2037	1FM
3622N6-AC-3	GSR 2007-AR2 2A1 CSTR SSNR AS 4.448% 05/25/37		03/01/2019	Paydown		252,206	246,500	111,471	66,886		183,775		183,775		250,661		1,545	1,545	2,079	05/25/2037	1FM
362332-AH-1	GSMS 2006-G88 AJ SEQ 5.622% 11/10/39		01/01/2019	Paydown		251	251	215	215		36		36		251				1	11/10/2039	1FM
362334-AA-2	GSAA 2006-2 2A4 FLT STEP 2.796% 12/25/35		03/25/2019	Paydown		350,116	350,116	307,883	324,667		25,449		25,449		350,116				2,150	12/25/2035	1FM
362334-JU-9	GSR 2006-3F 2A6 SEQ AS 5.750% 03/25/36		03/01/2019	Paydown		57,000	55,018	32,740	28,183		27,804		27,804		55,987		1,013	1,013	579	03/25/2036	1FM
362334-ME-1	GSAA 2006-6 AF3 AFC AS 5.734% 03/25/36		03/01/2019	Paydown		85,356	85,356	37,597	37,207		48,150		48,150		85,356				275	03/25/2036	1FM
362334-NC-4	GSAA 2006-7 AF5A STEP AFC NAS 6.205% 03/25/46		03/01/2019	Paydown		215,812	215,812	114,555	113,034		102,778		102,778		215,812				1,008	03/25/2046	1FM
362334-QC-1	GSAA 2006-7 AF5A STEP AFC NAS 6.205% 03/25/46		03/01/2019	Paydown		147,163	147,163	123,606	131,478		15,685		15,685		147,163				687	03/25/2046	1FM
362341-MQ-9	GSR 2005-7F 2A5 Z AS 5.500% 09/25/35		03/01/2019	Paydown		17,390	17,390	16,316	16,786		603		603		17,390				158	09/25/2035	1FM
362341-MX-4	GSR 2005-7F 3A5 SSNR NAS 6.000% 09/25/35		03/01/2019	Paydown		36,714	36,714	36,584	36,581		133		133		36,714				250	09/25/2035	1FM
362341-O3-6	GSR 2005-9F 1A1 EXCH PT 5.500% 12/25/35		03/01/2019	Paydown		79,884	86,240	18,732	2,480		77,586		77,586		80,067		(183)	(183)	921	12/25/2035	1FM
362341-O8-5	GSR 2005-9F 1A6 EXCH SEQ AS 5.500% 12/25/35		03/01/2019	Paydown		102,391	102,391	58,481	58,455		43,936		43,936		102,391				1,107	12/25/2035	1FM

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362341-QK-8	GSAA 2005-11 3A5 FLT STEP 2.856% 10/25/35		03/25/2019	Paydown		258,098	258,098	237,286	244,446		13,652		13,652		258,098				1,296	10/25/2035	1FM
362341-S7-5	GSR 2005-9F 2A6 SSNR NAS 6.000% 01/25/36		03/01/2019	Paydown		64,343	64,343	40,277	29,505		37,832		37,832		67,337		(2,994)	(2,994)	996	01/25/2036	1FM
362341-SS-9	GSAA 2005-12 AF4 AFC 5.344% 09/25/35		03/01/2019	Paydown		54,229	54,229	44,002	40,333		13,895		13,895		54,229				327	09/25/2035	1FM
362350-AA-7	GSA HONOLULU LEASE BKD TRUST-G 2011-SR-SEC 5.010% 10/21/32		03/15/2019	Redemption	100.0000	705,030	705,030	705,030	705,030						705,030				5,895	10/15/2032	1
362375-AD-9	GSAA 2006-10 AF4 STEP AFC AS 6.295%		03/01/2019	Paydown		120,866	120,866	51,707	50,538		70,328		70,328		120,866				366	06/25/2036	1FM
362420-4T-7	GSR 2005-AR3 3A1 CSTR SSNR AS 4.490%		03/01/2019	Paydown		92,985	92,985	84,800	83,575		9,410		9,410		92,985				658	05/25/2035	1FM
362420-4W-0	GSR 2005-AR3 6A1 CSTR SSNR AS 4.259%		03/01/2019	Paydown		237,239	237,239	207,181	205,640		31,599		31,599		237,239				1,218	05/25/2035	1FM
362420-BU-6	GSR 2004-9 5A7 CSTR SSNR AS 4.042% 08/25/34		03/01/2019	Paydown		51,912	51,912	42,373	46,943		4,969		4,969		51,912				483	08/25/2034	1FM
362420-EM-1	GSR 2004-10F 1A5 PT AS 4.500% 08/25/19		03/01/2019	Paydown		14,668	14,668	14,274	14,357		111		111		14,668				106	08/25/2019	1FM
362420-FT-5	GSR 2004-11 2A2 CSTR AFC AS 4.451% 09/25/34		03/01/2019	Paydown		68,676	68,676	66,023	65,903		2,774		2,774		68,676				552	09/25/2034	1FM
362420-LF-8	GSAA 2004-10 AF4 STEP AFC AS 4.532%		03/01/2019	Paydown		104,074	104,074	102,383	104,074						104,074				571	12/25/2034	1FM
362420-NC-3	GSA 2004-12 3A6 CSTR AS 4.437% 12/25/34		03/01/2019	Paydown		467,717	467,717	467,705	467,456		262		262		467,717				3,985	08/25/2034	1FM
362420-QV-8	GSR 2004-15F 1A3 NAS 5.500% 12/25/34		03/01/2019	Paydown		17,799	17,799	17,815	17,799						17,799				166	12/25/2034	1FM
362420-SS-3	GSAA 2005-1 AF4 STEP AFC AS 5.619% 11/25/34		03/01/2019	Paydown		751,190	751,190	751,190	751,190						751,190				6,598	11/25/2034	1FM
362420-VJ-9	GSR 2005-1F 3A3 Z SUP AS 6.000% 01/25/35		03/01/2019	Paydown		47,530	47,530	37,031	36,601		10,929		10,929		47,530				494	01/25/2035	1FM
362420-W7-4	GSR 2005-4F 4A4 PAC-1-11 AS 5.500% 05/25/35		03/01/2019	Paydown		758,264	758,264	737,738	751,943		6,321		6,321		758,264				6,270	05/25/2035	1FM
362420-YG-2	GSR 2005-2F 2A3 Z SUP AS 6.000% 03/25/35		03/01/2019	Paydown		406,265	406,265	322,571	341,876		64,389		64,389		406,265				2,070	03/25/2035	1FM
362440-AA-6	GSA MCCLELLAN LEASE BKD TRUST- SR-SEC 4.460% 07/15/33		03/15/2019	Redemption	100.0000	148,889	148,889	148,889	148,889						148,889				1,108	07/15/2033	1
36245-AA-7	GSA CHESAPEAKE LEASED BACK TRU 2012-SR-SEC 4.500% 09/15/33		03/15/2019	Redemption	100.0000	215,369	215,369	215,371	215,370		(1)		(1)		215,369				1,617	09/15/2033	1
36249B-AB-6	GSAA 2007-7 1A2 FLT STEP IRC 2.666%		07/25/37	Paydown		52,503	52,503	44,103	46,822		5,682		5,682		52,503				228	07/25/2037	1FM
362669-AK-9	GSR 2007-4F 3A1 SSNR AS 6.000% 07/25/37		03/01/2019	Paydown		89,673	96,975	42,651	19,949		71,220		71,220		91,168		(1,496)	(1,496)	1,145	07/25/2037	1FM
362669-AQ-6	GSR 2007-4F 3A6 SSNR NAS 6.000% 07/25/37		03/01/2019	Paydown		56,137	60,709	48,707	47,819		11,914		11,914		59,733		(3,595)	(3,595)	717	07/25/2037	1FM
36298J-AA-1	GSMS 2006 RR2 A1 SC CSTR CDO-CRE CD 5.485%		06/23/46	Paydown		717,406	736,481	29,904	29,904		688,276		688,276		718,180		(775)	(775)	9,175	06/23/2046	6FE
36828Q-KX-3	GECMC 2005-C1 D SUB CSTR AFC 4.416%		06/10/48	Paydown		511,639	511,639	512,827	511,390		249		249		511,639				2,897	06/10/2048	2FM
36828Q-KZ-8	GECMC 2005-C1 XC IO CSTR NTL 0.011%		06/10/48	Paydown															3	06/10/2048	6*
36877-AA-2	GECMC 2005-C1 XC IO CSTR NTL 0.011%		03/01/2019	Redemption	100.0000	845,867	845,867	845,867	845,867						845,867				20,005	07/15/2041	1PL
369604-BD-4	GENERAL ELECTRIC CO SR UNSEC 2.700%		10/09/22	MORGAN STANLEY & CO. INC.		7,112,795	7,325,000	7,307,786	7,317,960		385		385		7,318,346		(205,551)	(205,551)	88,999	10/09/2022	2FE
36962G-3A-0	GENERAL ELECTRIC CO SR UNSEC 6.150%		08/07/37	JEFFERIES & CO. INC.		6,161,966	5,727,000	5,717,593	5,719,470		48		48		5,719,517		442,448	442,448	219,153	08/07/2037	2FE
36962G-3P-7	GENERAL ELECTRIC CO SR UNSEC 5.875%		01/14/38	MORGAN STANLEY & CO. INC.		10,535,578	10,021,000	9,837,487	9,871,597		932		932		9,872,529		663,050	663,050	403,937	01/14/2038	2FE
370334-BH-6	GENERAL WILLIS INC SR UNSEC 5.650% 02/15/19		02/15/2019	Maturity		27,000,000	27,000,000	26,976,780	26,999,625		375		375		27,000,000				762,750	02/15/2019	2FE
37246#-AA-0	WELLS FARGO BK NW-N.A.-GPC 200 SR-SEC 6.010% 10/15/27		03/15/2019	Redemption	100.0000	480,106	480,106	480,106	480,106						480,106				4,817	10/15/2027	2
37653#-AA-6	GLADSTONE FOREST SERVICE LEASE SR-SEC 4.700% 01/15/27		03/15/2019	Redemption	100.0000	62,424	62,424	62,424	62,424						62,424				490	01/15/2027	1
37875*-AA-2	GLENN POOL TRUST II SR-SEC 6.000% 08/02/21		03/01/2019	Redemption	100.0000	1,340,697	1,340,697	1,333,993	1,339,216		1,480		1,480		1,340,697				11,041	05/01/2021	4FE

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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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
38119#-AD-6	GOLDEN SPREAD ELECTRIC COOP-IN C-SR-SEC 4.950% 08/10/41		02/10/2019	Redemption	100.0000	976,969	976,969	976,969	976,969						976,969				24,379	08/10/2041	1
38642*-AA-2	GRAND RAPIDS VA LEASE-BKD PT T SR-SEC 3.643% 10/15/34		03/15/2019	Redemption	100.0000	169,172	169,172	169,172	169,172						169,172				1,026	10/15/2034	1
39121J-B#-6	GREAT RIVER ENERGY C-SR-SEC 4.620% 10/01/44		02/01/2019	G2		15,102,600	15,000,000	15,000,000	15,000,000						15,000,000		102,600	102,600	256,025	10/01/2044	1
39278*-AA-1	GREEN COUNTRY ENERGY-LLC SR-SEC 7.210% 02/10/24		02/10/2019	Redemption	100.0000	687,696	687,696	687,696	687,696						687,696				12,396	02/10/2024	3FE
39625#-AA-7	GREENVILLE NC VA CLINIC LEASE- SR-SEC 4.230% 11/15/33		03/15/2019	Redemption	100.0000	343,899	343,899	343,899	343,899						343,899				2,427	11/15/2033	1
396789-FY-0	GCCFC 2004-GG1 F SUB CSTR AFC 6.307% 06/10/36		02/01/2019	Paydown		114,199	114,199	114,402	114,199						114,199				886	06/10/2036	1FM
396789-GK-9	GCCFC 2004-GG1 XC 10 CSTR NTL 0.197% 06/10/36		02/01/2019	Paydown															9	06/10/2036	6FE
396789-KA-6	GCCFC 2005-GG3 E SUB CSTR AFC 5.087% 08/10/42		02/01/2019	Paydown		1,807,580	1,807,580	1,816,572	1,807,580						1,807,580				15,109	08/10/2042	1FM
39843#-AA-5	GRIFOLS 4.500% 07/10/19		03/10/2019	Redemption	100.0000	112,094	112,094	112,094	112,094						112,094				834	07/10/2019	1PL
39950*-AA-6	TR CTF ISSUED AUG 2017-11790 U 4.210% 08/15/48		03/15/2019	Redemption	100.0000	6,915	6,915	6,915	6,915						6,915				49	08/15/2048	1FE
40407#-AA-1	HAL ROCK SPRINGS PORT. L.P.-HA SR-SEC 6.300% 11/10/29		03/10/2019	Redemption	100.0000	250,282	250,282	250,286	250,283		(1)		(1)		250,282				2,633	11/10/2029	2
40408L-AC-1	HASI SYB TRUST 2017-1 3.860% 09/20/37		03/20/2019	Redemption	100.0000	463,314	463,314	463,261	463,256		58		58		463,314				4,471	09/20/2037	1FE
40460H-AA-9	HA WILDCAT LLC SR-UNSEC 4.121% 06/30/27		01/15/2019	Redemption	100.0000	1,916,767	1,916,767	1,916,767	1,916,767						1,916,767				20,186	06/30/2027	2FE
40466#-AA-7	HD-WEST WIFFLIN PA CTL PT TR- 3.952% 01/15/38		03/15/2019	Redemption	100.0000	40,527	40,527	40,527	40,527						40,527				268	01/15/2038	1
40833#-AA-3	HAMMES CO CAPTL ISSAQUAH HLDIN SR-SEC 6.840% 06/15/36		03/15/2019	Redemption	100.0000	342,957	342,957	342,957	342,957						342,957				3,917	06/15/2036	1
40833#-AA-5	HAMMES CO CAP LAND HLD-SWEDISH SR-SEC 6.400% 06/15/36		03/15/2019	Redemption	100.0000	70,129	70,129	70,129	70,129						70,129				749	06/15/2036	1
41161P-LD-3	HVMLT 2005-1 2A1A FLT STEP AFC SSNR 3.027% 03/19/35		03/19/2019	Paydown		184,990	184,990	158,942	160,068		24,922		24,922		184,990				907	03/19/2035	1FM
41161P-NP-4	HVMLT 2005-5 2A1A FLT STEP AFC SSNR 3.022% 07/19/45		02/06/2019	Paydown		12,276,485	12,815,121	11,998,597	12,278,484		7,021		7,021		12,285,504		(9,019)	(9,019)	54,859	07/19/2045	1FM
41161P-NP-4	HVMLT 2005-5 2A1A FLT STEP AFC SSNR 3.022% 07/19/45		02/19/2019	Paydown		202,855	202,855	189,930	194,360		8,495		8,495		202,855				577	07/19/2045	1FM
41161P-SX-2	HVMLT 2005-9 B3 SUB FLT STEP NAS 3.188% 06/20/35		03/20/2019	Paydown		55,582	55,582	53,272	53,370		2,212		2,212		55,582				287	06/20/2035	4FM
41161P-XH-1	HVMLT 2005-15 2A11 FLT STEP AFC IRC 2.757% 10/20/45		03/20/2019	Paydown		113,681	113,681	96,558	97,851		15,830		15,830		113,681				621	10/20/2045	1FM
41810*-AA-2	HASI SYB TRUST 2015-1 SR 4.283% 10/20/45		01/22/2019	Redemption	100.0000	501,236	501,236	501,236	501,236						501,236				5,367	10/20/2034	1FE
42210#-AA-2	HD CALIF DFDC LANDLORD-HOME DE SR-SEC 3.570% 04/30/34		03/31/2019	Redemption	100.0000	251,239	251,239	251,239	251,239						251,239				1,496	04/30/2034	1
42212#-AA-0	HD TROY OH LANDLORD LLC-HOME D SR-SEC 3.550% 11/30/34		03/31/2019	Redemption	100.0000	381,990	381,990	381,990	381,990						381,990				2,262	11/30/2034	1
42251#-AA-4	HEALTH FIRST PHYSICIANS-INC.-H SR-SEC 4.490% 03/01/38		03/01/2019	Redemption	100.0000	511,579	511,579	511,579	511,579						511,579				3,833	03/01/2038	1
42770L-AA-1	HERO 2015-1A A SEQ 3.840% 09/21/40		03/20/2019	Paydown		678,478	678,478	678,171	678,319		158		158		678,478				4,045	09/21/2040	1FE
42770Q-AA-0	HERO 2014-2A A SEQ 3.990% 09/21/40		03/20/2019	Paydown		351,218	351,218	350,979	351,066		152		152		351,218				7,007	09/21/2040	1FE
42770V-AA-9	HERO 2016-1A A SEQ 4.050% 09/20/41		03/20/2019	Paydown		196,556	196,556	195,989	195,989		567		567		196,556				1,463	09/20/2041	1FE
42770W-AA-7	HERO 2016-2A A SEQ 3.750% 09/20/41		03/20/2019	Paydown		179,543	179,543	179,485	179,061		482		482		179,543				1,192	09/20/2041	1FE
42770X-AA-5	HERO 2016-3A A1 SEQ 3.080% 09/20/42		03/20/2019	Paydown		246,559	246,559	246,539	246,135		423		423		246,559				1,293	09/20/2042	1FE
42771L-AB-8	HERO 2017-2A A1 SEQ 3.280% 09/20/48		03/20/2019	Paydown		100,819	100,819	100,805	100,806		12		12		100,819				507	09/20/2048	1FE
42771X-AA-4	HERO 2017-1A A1 SEQ 3.710% 09/20/47		03/20/2019	Paydown		258,137	258,137	258,033	258,038		99		99		258,137				1,647	09/20/2047	1FE

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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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
427840-AA-0	HERSHEY CAMPUS LEASE -BKD SR-SEC 5.820%		08/01/41	Redemption	100.0000																
42806D-AR-0	HERTZ 2016-1A B SUB 3.720% 03/25/20		03/25/2019	Paydown		107,325	107,325	107,325	107,325						107,325				1,043	08/01/2041	1
42806D-AS-8	HERTZ 2016-1A C SUB 4.750% 03/25/20		03/25/2019	Paydown		12,500,000	12,500,000	12,499,579	12,499,886		114		114		12,500,000				116,250	03/25/2020	1FE
43721#-AA-2	HOME DEPOT LEASE-COLLATERALIZE SR-SEC 3.880% 01/15/28		03/15/2019	Redemption	100.0000														35,625	03/25/2020	2AM
43721#-AA-6	HOME DEPOT MOORPARK LEASE BACK SR-SEC 4.409% 01/31/29		03/01/2019	Redemption	100.0000							(708)	(708)		107,309				695	01/15/2028	1
43739E-BS-5	HMBT 2005-4 A1 FLT STEP AFC IRC SSN 2.769% 10/25/35		03/25/2019	Paydown		248,059	248,059	248,059	248,059						248,059				1,877	01/01/2029	1
43739E-BT-3	HMBT 2005-4 A2 FLT STEP AFC IRC SSU 2.829% 10/25/35		03/25/2019	Paydown		117,965	117,965	109,007	111,905		6,059		6,059		117,965				600	10/25/2035	1FM
44231#-AA-3	HOUSTON SSA LEASE-BKD TRUST-GS SR-SEC 4.000% 08/15/22		03/15/2019	Redemption	100.0000														263	10/25/2035	1FM
443010-AA-0	HOWE STREET LANDLORD LLC-YALE SR-SEC 3.750% 01/25/38		03/25/2019	Redemption	100.0000														743	08/15/2022	1
44411#-AB-7	HUDSON RANCH POWER I-LLC SR-SEC 6.250% 03/31/42		03/31/2019	Redemption	100.0000														1,012	01/25/2038	1
44643T-AD-9	HUNTINGTON NATIONAL BANK SUBORD 5.375% 02/28/19		02/28/2019	Maturity		47,000,000	47,000,000	30,821,660	46,597,573		402,427		402,427		47,000,000				1,263,125	02/28/2019	2FE
44891A-AB-3	HYUNDAI CAPITAL AMERICA SR UNSEC 2.600% 03/19/20		01/29/2019			4,447,260	4,500,000	4,477,815	4,494,346		380		380		4,494,726	(47,466)	(47,466)		42,900	03/19/2020	2FE
44891A-AH-0	HYUNDAI CAPITAL AMERICA SR UNSEC 2.450% 06/15/21		01/30/2019			9,674,500	10,000,000	9,985,000	9,992,413		265		265		9,992,678	(318,178)	(318,178)		31,306	06/15/2021	2FE
449670-EP-9	IMCHE 1998-3 A7 STEP AFC AS 6.720% 08/20/29		03/01/2019	Paydown		26,920	26,920	26,275	26,326		593		593		26,920				295	08/20/2029	1FM
450310-AA-4	ISU LEASE-BKD PT TRUST-INDIANA SR-SEC 5.050% 06/15/45		03/15/2019	Redemption	100.0000														852	06/15/2045	1
45071K-AU-8	IXIS 2005-HE1 M4 MEZ FLT STEP 3.536% 06/25/35		03/25/2019	Paydown		233,109	233,109	213,441	219,813		13,296		13,296		233,109				963	06/25/2035	1FM
45073D-AA-6	IXIS 2007-HE1 A1 FLT STEP IRC 2.546% 05/25/37		03/25/2019	Paydown		1,502	1,502	381	297		1,205		1,205		1,502				3	05/25/2037	1FM
45254N-LL-9	IMM 2004-10 2A FLT STEP AFC 3.126% 03/25/35		03/25/2019	Paydown		135,671	135,671	111,250	112,868		22,802		22,802		135,671				908	03/25/2035	1FM
45254N-MB-0	IMM 2004-11 2A1 FLT STEP AFC SSNR 3.146% 03/25/35		03/25/2019	Paydown		279,559	279,559	273,548	273,847		5,712		5,712		279,559				1,393	03/25/2035	1FM
45254N-NP-8	IMM 2005-3 A1 FLT STEP AFC SSNR 2.966% 08/25/35		03/25/2019	Paydown		256,287	256,287	221,261	219,358		36,929		36,929		256,287				1,454	08/25/2035	1FM
45254N-PA-9	IMM 2005-4 1A1A FLT STEP AFC IRC S 3.026% 05/25/35		03/25/2019	Paydown		917,417	917,417	556,765	569,554		347,863		347,863		917,417				4,730	05/25/2035	1FM
45254N-PU-5	IMM 2005-5 A1 FLT STEP AFC IRC SSN 3.126% 08/25/35		03/25/2019	Paydown		550,622	550,622	331,604	336,385		214,237		214,237		550,622				3,082	08/25/2035	1FM
45254N-PW-1	IMM 2005-5 A3W FLT STEP AFC IRC AS 2.986% 08/25/35		03/25/2019	Paydown		75,082	75,082	64,349	66,692		8,390		8,390		75,082				402	08/25/2035	1FM
45254N-RG-4	IMM 2005-8 1A FLT STEP AFC IRC SSN 3.006% 02/25/36		03/25/2019	Paydown		764,214	764,214	604,615	662,662		101,552		101,552		764,214				4,355	02/25/2036	1FM
45256H-AD-0	IMPACT COMMUNITY CAPITAL SEQ MORTGAGE PASS-THRU CLASS C 5.338% 12/01/23		03/01/2019	Paydown		113,539	113,539	117,408	113,923		(384)		(384)		113,539				985	12/01/2023	1FE
45257H-AA-5	IFUND 2010-1 A1 SEQ 5.314% 01/25/51		03/01/2019	Paydown		1,108,218	1,108,218	1,108,167	1,107,215		1,003		1,003		1,108,218				14,636	01/25/2051	1FM
45660L-PD-5	RAST 2005-A6CB A3 SEQ SSNR AS 5.500% 06/25/35		03/01/2019	Paydown		156,672	156,672	120,833	123,002		33,790		33,790		156,792		(120)	(120)	1,471	06/25/2035	1FM
45660L-RE-1	INDX 2005-AR13 4A1 CSTR SSNR AS 3.997% 08/25/35		03/01/2019	Paydown		508,251	579,696	217,543	210,291		323,799		323,799		534,089		(25,838)	(25,838)	4,548	08/25/2035	1FM
45667W-AA-6	INDX 2006-FLX1 A1 FLT STEP AFC IRC 2.696% 11/25/36		03/25/2019	Paydown		139,188	139,188	120,963	122,474		16,715		16,715		139,188				489	11/25/2036	1FM
456687-AC-6	INDX 2007-FLX4 2A1 FLT STEP IRC SSN 2.666% 07/25/37		02/06/2019	JP MORGAN SECURITIES		6,163,492	6,516,826	5,711,061	5,782,906		5,856		5,856		5,788,762		374,730	374,730	21,406	07/25/2037	1FM

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
456687-AC-6	INDX 2007-FLX4 2A1 FLT STEP IRC SSN 2.666% 07/25/37		01/25/2019	Paydown		71,568	71,568	62,719	63,508				8,060		71,568				160	07/25/2037	1FM
45670A-AA-9	INDX 2007-FLX3 A1 FLT STEP IRC SSNR 2.726% 06/25/37		03/25/2019	Paydown		1,334,034	1,334,034	1,266,561	1,271,121				62,913		1,334,034				6,396	06/25/2037	1FM
46412Q-AD-9	IRIHE 2006-2 2A3 STEP AFC AS 6.900% 02/25/36		03/01/2019	Paydown		177,548	177,548	61,911	53,471				124,078		177,548				2,228	02/25/2036	1FM
465964-AN-4	JPMIT 2018-LTV1 A13 EXCH AFC SSUP 4.500% 04/25/49		01/01/2019	Paydown		74,176	74,176	74,350	74,346				(170)		74,176				278	04/25/2049	1FE
465964-AN-4	JPMIT 2018-LTV1 A13 EXCH AFC SSUP 4.500% 04/25/49		03/01/2019	Paydown		1,237,482	1,237,482	1,240,383	1,240,323				(2,841)		1,237,482				12,405	04/25/2049	1FM
46616M-AA-8	HENDR 2010-3A A SEQ 3.820% 12/15/48		03/15/2019	Paydown		39,142	39,142	41,102	39,142				(1,715)		39,142				216	12/15/2048	1FE
46616M-AB-6	HENDR 2010-3A B SUB 6.850% 12/15/50		03/15/2019	Paydown		69,923	69,923	77,877	77,152				(7,229)		69,923				693	12/15/2050	1FE
46616Q-AA-9	HENDR 2011-2A A SEQ 4.940% 09/15/56		03/15/2019	Paydown		148,361	148,361	168,458	166,778				(18,417)		148,361				1,043	09/15/2056	1FE
46616V-AA-8	HENDR 2012-1A A SEQ 4.210% 02/16/65		03/15/2019	Paydown		301,056	301,056	313,384	312,677				(11,621)		301,056				1,985	02/16/2065	1FE
46616V-AB-6	HENDR 2012-1A B SUB 7.140% 02/16/67		03/15/2019	Paydown		87,646	87,646	105,271	104,487				(16,841)		87,646				980	02/15/2067	3AM
46616Y-AC-8	HENDR 2012-2A B SUB 6.770% 10/17/61		03/15/2019	Paydown		38,948	38,948	40,311	40,234				(1,287)		38,948				413	10/17/2061	3AM
46617A-AA-3	HENDR 2012-3A A SEQ 3.220% 09/15/65		03/15/2019	Paydown		473,209	473,209	472,545	472,820				390		473,209				2,624	09/15/2065	1FE
46617A-AB-1	HENDR 2012-3A B SUB 6.170% 09/15/67		03/15/2019	Paydown		190,345	190,345	202,624	200,595				(10,250)		190,345				2,022	09/15/2067	1FE
46617F-AA-2	HENDR 2013-1A A SEQ 3.220% 04/15/67		03/15/2019	Paydown		1,455,601	1,455,601	1,454,591	1,455,185				416		1,455,601				7,494	04/15/2067	1FE
46617J-AA-4	HENDR 2013-2A A SEQ 4.210% 03/15/62		03/15/2019	Paydown		419,663	419,663	419,564	419,706				(43)		419,663				2,875	03/15/2062	1FE
46617J-AB-2	HENDR 2013-2A B SUB 5.680% 03/17/64		03/15/2019	Paydown		173,963	173,963	181,218	180,880				(6,918)		173,963				1,608	03/17/2064	3AM
46617L-AA-9	HENDR 2013-3A A SEQ 4.080% 01/17/73		03/15/2019	Paydown		19,237	19,237	19,919	19,893				(657)		19,237				131	01/17/2073	1FE
46617L-AB-7	HENDR 2013-3A B SUB 5.540% 01/15/75		03/15/2019	Paydown		302,692	302,692	345,590	338,291				(35,599)		302,692				2,806	01/15/2075	4AM
46617T-AA-2	HENDR 2014-1A A SEQ 3.960% 03/15/63		03/15/2019	Paydown		36,398	36,398	37,379	37,302				(904)		36,398				245	03/15/2063	1FE
46617T-AB-0	HENDR 2014-1A B SUB 4.940% 03/16/65		03/15/2019	Paydown		192,184	192,184	201,215	200,903				(8,719)		192,184				1,614	03/16/2065	3AM
46618A-AA-2	HENDR 2014-2A A SEQ 3.610% 01/17/73		03/15/2019	Paydown		142,987	142,987	142,778	142,788				199		142,987				914	01/17/2073	1FE
46618A-AB-0	HENDR 2014-2A B SUB 4.480% 01/15/75		03/15/2019	Paydown		287,841	287,841	296,274	295,610				(7,769)		287,841				2,283	01/15/2075	3AM
46618H-AA-7	HENDR 2014-3A A SEQ 3.500% 06/15/77		03/15/2019	Paydown		335,211	335,211	335,061	335,085				127		335,211				2,033	06/15/2077	1FE
46618H-AB-5	HENDR 2014-3A B SUB 4.400% 06/15/79		03/15/2019	Paydown		136,900	136,900	136,868	136,871				29		136,900				1,044	06/15/2079	2AM
46618L-AA-8	HENDR 2015-1A A SEQ 3.260% 09/15/72		03/15/2019	Paydown		481,178	481,178	470,277	470,681				10,497		481,178				2,538	09/15/2072	1FE
466247-A3-7	JPMIT 2005-S3 1A14 NAS 5.500% 01/25/36		03/01/2019	Paydown		5,445	5,445	2,657	2,005				3,446		5,451		(6)	(6)	75	01/25/2036	1FM
466247-HT-3	JPMIT 2004-S2 1A7 SEQ AS 4.750% 11/25/19		03/01/2019	Paydown		52,917	52,917	52,477	52,624				292		52,917				431	11/25/2019	1FM
466247-J9-5	JPMIT 2006-A2 3A1 CSTR SSNR AS 4.384% 04/25/36		03/01/2019	Paydown		38,638	38,622	1,057	1,015				37,623		38,638				272	04/25/2036	1FM
466247-JJ-3	JPMIT 2004-S2 2A12 SEQ AS 5.750% 11/25/34		03/01/2019	Paydown		890,620	890,620	881,391	881,534				9,085		890,620				10,120	11/25/2034	1FM
466247-QM-8	JPMIT 2005-A3 6A5 CSTR SSNR AS 4.174% 06/25/35		03/01/2019	Paydown		410,777	410,777	346,751	335,195				75,581		410,777				1,515	06/25/2035	1FM
466247-VH-3	JPMIT 2005-S2 2A15 SEQ AS 6.000% 09/25/35		03/01/2019	Paydown		90,664	66,044	37,393	28,504				51,598		80,102		10,562	10,562	1,129	09/25/2035	1FM
466247-WK-5	JPMIT 2005-A7 1A3 CSTR SSNR AS 4.408% 10/25/35		03/01/2019	Paydown		140,124	140,124	85,496	85,857				54,267		140,124				844	10/25/2035	1FM
466247-ZQ-9	JPMIT 2005-S3 1A3 PAC-1-11 AS 5.750% 01/25/36		03/01/2019	Paydown		14,739	14,759	8,837	6,838				7,911		14,748		(10)	(10)	186	01/25/2036	1FM
46625H-JR-2	JPMORGAN CHASE & CO SR UNSEC 2.350% 01/28/19		01/28/2019	Maturity		10,000,000	10,000,000	9,995,300	9,999,927				73		10,000,000				117,500	01/28/2019	1FE
46625M-2G-3	JPMCC 2004-CB8 X1 IO CSTR NTL 0.016% 01/12/39		03/01/2019	Paydown				84,496	11,820				(21)		11,799		(11,799)	(11,799)	3,763	01/12/2039	6FE
46625M-AJ-8	JPMCC 2001-C1BC X1 IO CSTR NTL 2.411% 03/15/33		03/01/2019	Paydown																	
46625M-Q4-4	JPMCC 2003-CB7 F SUB CSTR 5.345% 01/12/38		01/18/2019	JP MORGAN SECURITIES		3,966,635	3,922,506	3,942,119	3,922,506						3,922,506		44,128	44,128	33,263	01/12/2038	1FM
46625M-Q4-4	JPMCC 2003-CB7 F SUB CSTR 5.345% 01/12/38		01/01/2019	Paydown		371,392	371,392	373,249	371,392						371,392				1,817	01/12/2038	1FM
46625M-UC-1	JPMCC 2003-C1 X1 IO CSTR NTL 0.433% 01/12/37		03/01/2019	Paydown				8,915	639				(3)		635		(635)	(635)	189	01/12/2037	6FE
46625Y-DG-5	JPMCC 2004-CBX B SUB CSTR AFC 5.021% 01/12/37		02/01/2019	Paydown		4,360,376	4,360,376	4,382,156	4,360,376						4,360,376				24,355	01/12/2037	1FM
46625Y-DH-3	JPMCC 2004-CBX C SUB CSTR AFC 5.066% 01/12/37		03/01/2019	Paydown		2,122,605	2,122,605	2,145,738	2,122,605						2,122,605				18,606	01/12/2037	1FM

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										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
46625Y-JL-8	JPMCC 2005-0B11 B SUB CSTR 5.530% 08/12/37		02/01/2019	Paydown		681,866	681,866	694,891	681,866						681,866				4,324	08/12/2037	1FM
46628S-AG-8	JPMAC 2006-WF1 A4 STEP AFC AS 6.130%		03/01/2019	Paydown		368,118	368,118	129,980	129,065		239,053		239,053		368,118				1,343	07/25/2036	1FM
46628Y-BK-5	JPMIT 2006-S2 3A8 SEQ SSNR AS 6.250%		03/01/2019	Paydown		99,407	99,407	62,893	62,412		36,995		36,995		99,407				737	07/25/2036	1FM
46628Y-BP-4	JPMIT 2006-S2 3A12 SEQ SSNR AS 6.500%		03/01/2019	Paydown		169,449	292,699	202,238	211,925		46,762		46,762		258,687		(89,237)	(89,237)	2,939	07/25/2036	3FM
46630W-AL-4	JPMIT 2007-S2 1A11 PAC-11 SSNR AS 6.000%		03/01/2019	Paydown		77,039	78,932	49,349	40,011		37,974		37,974		77,985		(946)	(946)	753	06/25/2037	1FM
46634S-AC-9	JPMCC 2012-C6 A3 SEQ 3.507% 05/15/45		01/01/2019	Paydown		727,375	727,375	728,833	728,833		(1,458)		(1,458)		727,375				3,482	05/15/2045	1FM
46635T-BA-9	JPMCC 2011-C3 D SUB CSTR 5.662% 02/15/46		01/18/2019	BANK OF AMERICA		5,057,617	5,000,000	5,372,802	5,182,571		(5,361)		(5,361)		5,177,210		(119,592)	(119,592)	40,881	02/15/2046	1FM
46648U-AZ-7	JPMIT 2017-4 B2 SUB CSTR 3.965% 11/25/48		03/01/2019	Paydown		12,663	12,663	12,781	12,762		(99)		(99)		12,663				84	11/25/2048	1FM
46648U-BA-1	JPMIT 2017-4 B3 SUB CSTR 3.965% 11/25/48		03/01/2019	Paydown		41,572	41,572	40,845	40,930		642		642		41,572				275	11/25/2048	1FM
46649H-AZ-5	JPMIT 2017-6 B2 SUB CSTR 3.845% 12/25/48		03/01/2019	Paydown		35,879	35,879	36,067	36,057		(178)		(178)		35,879				230	12/25/2048	1FM
46649H-BA-9	JPMIT 2017-6 B3 SUB CSTR 3.845% 12/25/48		03/01/2019	Paydown		34,819	34,819	34,096	34,118		701		701		34,819				224	12/25/2048	1FM
46665#-AA-3	JGW IX LLC JGW IX LLC 0.000% 08/31/36		03/15/2019	Redemption 100.0000		1,279,492	1,279,492	820,173	820,491		459,001		459,001		1,279,492				19,077	08/18/2036	1Z
46975#-AA-8	CTL PT TRUST-VA JACKSONVILLE SR-SEC 3.745%		03/15/2019	Redemption 100.0000		497,398	497,398	512,548	509,368		(11,970)		(11,970)		497,398				3,108	11/15/2032	1
476556-DA-0	JERSEY CENTRAL PWR & LT SR UNSEC 7.350%		02/01/2019	Maturity		10,000,000	10,000,000	9,987,300	9,999,854		146		146		10,000,000				367,500	02/01/2019	2FE
478045-AA-5	JOHN SEVIER COMBINED CYCLE GEN SR-SEC 4.626% 01/15/42		01/15/2019	Redemption 100.0000		616,368	616,368	618,578	618,257		(1,889)		(1,889)		616,368				14,257	01/15/2042	1FE
481210-AD-3	JRD HLDGS-LLC B-SR-UNSEC 4.130% 03/27/24		03/27/2019	JSM AT MONMOUTH ROAD-LLC-WALGR SR-SEC		2,145,000	2,145,000	2,145,000	2,145,000						2,145,000				44,294	03/27/2024	2PL
48129#-AA-9	JSM AT POOLE AVENUE-LLC-WALGRE SR-SEC 6.450% 09/15/23		01/02/2019	Call 107.8238		1,729,437	1,603,947	1,603,947	1,603,947						1,603,947				130,376	09/15/2023	2
481290-AA-1	JSM AT POOLE AVENUE-LLC-WALGRE SR-SEC 6.450% 08/15/27		01/02/2019	Call 114.2073		3,018,447	2,642,954	2,642,954	2,642,954						2,642,954				383,543	08/15/2027	2
48563*-AA-6	KAR NUT PRODUCTS CO 11.000% 09/30/23		01/25/2019	KAR NUT PRODUCTS COMPANY		11,785,610	11,785,610	11,785,610	11,785,610						11,785,610					09/30/2023	5
487836-BW-7	KELLOGG CO SR UNSEC 4.300% 05/15/28		03/15/2019	SUSQUEHANA FINANCIAL GROUP LL		5,073,550	5,000,000	5,051,950	5,050,612		(972)		(972)		5,049,640		23,910	23,910	74,056	05/15/2028	2FE
492390-AA-6	TRUST KMG I-KERR-MCGEE CORP SR 6.720%		01/30/2019	Redemption 100.0000		1,613,151	1,613,151	1,613,151	1,613,151						1,613,151				54,202	01/30/2020	2
492390-AB-4	TRUST KMG II-KERR-MCGEE CORP SR 6.720%		01/30/2019	Redemption 100.0000		1,513,485	1,513,485	1,513,485	1,513,485						1,513,485				50,853	01/30/2020	2
497210-AA-1	KIOP PARENT HLDG CORP. SUB-UNSEC 13.750%		01/24/2019	Redemption 100.0000		5,000	5,000	4,817	4,817		183		183		5,000				(2)	12/29/2023	3Z
501773-AY-1	LBCMT 1998-C1 10 10 CSTR NTL 0.623%		02/18/30	Paydown															29	02/18/2030	6FE
50177A-AH-2	LBCMT 2007-C3 AJ CSTR 6.094% 07/15/44		01/18/2019	BARCLAYS BANK PLC		4,541,483	4,495,823	4,645,307	4,492,961		(12)		(12)		4,492,949		48,535	48,535	31,492	07/15/2044	1FM
50177A-AH-2	LBCMT 2007-C3 AJ CSTR 6.094% 07/15/44		01/11/2019	Paydown		3,216	3,216	3,323	3,214		2		2		3,216				16	07/15/2044	1FM
50209A-AB-7	LMRK ISSUER CO. 2 LLC SR-UNSEC 4.100%		03/15/2019	Paydown		505,272	505,272	505,087	505,094		178		178		505,272				2,637	11/15/2047	1FE
50543L-AA-0	LAFL 2016-1A A1 SEQ 4.300% 01/15/42		03/15/2019	Paydown		78,125	78,125	76,609	76,880		1,245		1,245		78,125				560	01/15/2042	1FE
51209*-AA-0	LAKESHORE TOLTEST CORP SUB 8.000% 05/30/49		01/18/2019	WORTHLESS SECURITIES			875,731													05/30/2049	6*
517030-AA-9	LAREDO TX VA CLINIC PT TRUST-V SR-SEC 3.700% 05/15/33		03/15/2019	Redemption 100.0000		99,155	99,155	99,155	99,155						99,155				612	05/15/2033	1
52108H-7E-8	LBUBS 2005-C5 F SUB AFC 5.245% 09/15/40		02/11/2019	Paydown		2,299,722	2,299,722	2,329,221	2,299,207		515		515		2,299,722				86,877	09/15/2040	1FM
52108H-7G-3	LBUBS 2005-C5 G SUB AFC 5.350% 09/15/40		03/11/2019	Paydown		5,115,732	5,115,732	5,139,529	5,112,734		2,998		2,998		5,115,732				95,872	09/15/2040	1FM
52108H-N6-7	LBUBS 2004-C6 XCL 10 CSTR NTL 0.041%		08/15/36	Paydown															1	08/15/2036	6*
52108H-W9-1	LBUBS 2004-C8 XCL 10 CSTR NTL 0.316%		03/11/2019	Paydown															288	12/15/2039	6FE

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										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange 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 Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
52109P-AH-8	LBUBS 2007-06 AJ CSTR 6.266% 07/15/40		03/04/2019	BTIG L.L.C.		7,939,663	7,910,000	8,064,183	7,904,924		(180)		(180)		7,904,744		34,919	34,919	116,572	07/15/2040	1FM
52314#-AA-6	LEBANON TN STATUTORY TRUST-PFG SR-SEC 5.500% 06/30/25		03/30/2019	Redemption	100.0000	52,495	52,495	52,495	52,495						52,495				482	06/30/2025	2PL
52465#-AD-7	LMMCC-HUNTINGTON SR-SEC 7.240% 12/05/20		03/05/2019	Redemption	100.0000	504,228	504,228	504,228	504,228						504,228				6,097	12/05/2020	1
52465#-AG-0	LMMCC 1998-WALGREEN SR-SEC 6.817% 01/10/21		03/10/2019	Redemption	100.0000	122,706	122,706	122,069	122,587		120		120		122,706				1,324	01/10/2021	2
52465#-AZ-8	LMMCC-FLUOR 2001-SR-SEC 7.560% 06/08/21		03/08/2019	Redemption	100.0000	456,542	456,542	485,842	462,747		(6,205)		(6,205)		456,542				5,429	06/08/2021	2
52465#-BA-2	LEGG MASON MTG CPTL-TYCO 2001-SR-SEC 7.060% 01/10/23		03/10/2019	Redemption	100.0000	267,573	267,573	294,733	276,168		(8,595)		(8,595)		267,573				3,170	01/10/2023	2
52467#-AR-6	LMMCC SER 2002-CTL-19-STATE OF CTL-SR-SEC 7.190% 12/10/26		03/10/2019	Redemption	100.0000	182,010	182,010	182,010	182,010						182,010				2,185	12/10/2026	1
52467#-BA-2	LMMCC LEASEBKD PTC SER 2003-CT SR-SEC 6.400% 01/01/28		03/01/2019	Redemption	100.0000	150,971	150,971	150,971	150,971						150,971				1,613	01/01/2028	2
52467#-BG-9	LMMCC LEASEBKD PTC SER 2003-CT SR-SEC 7.000% 01/15/22		03/15/2019	Redemption	100.0000	250,950	250,950	268,665	253,171		(2,220)		(2,220)		250,950				2,933	01/15/2022	2
52467#-BP-9	LMMCC LEASEBKD PTC SER 2003-CT SR-SEC 6.370% 10/01/28		03/01/2019	Redemption	100.0000	34,904	34,904	34,904	34,904						34,904				371	10/01/2028	2
52521R-AS-0	LMT 2007-5 2A3 FLT SSNR AS 2.816% 06/25/37		02/25/2019	Paydown			411	78	67						67		(67)	(67)	1	06/25/2037	1FM
525221-CM-7	LXS 2005-4 2A4 STEP AS 5.310% 10/25/35		03/01/2019	Paydown		360,201	360,201	233,005	240,308		119,892		119,892		360,201				3,833	10/25/2035	1FM
525221-DF-1	LXS 2005-6 3A2A STEP AFC AS 5.440% 11/25/35		03/01/2019	Paydown		1,021,352	1,021,352	852,975	950,846		70,506		70,506		1,021,352				40,975	11/25/2035	1FM
525221-EB-9	LXS 2005-8 2A1B STEP AFC AS 5.560% 12/25/35		03/01/2019	Paydown		535,891	538,298				535,891		535,891		535,891				5,357	12/25/2035	1FM
525221-AL-6	LXS 2006-8 3A3 STEP AFC AS 5.355% 06/25/36		03/01/2019	Paydown		618,796	664,319	280,267	277,760		360,410		360,410		638,170		(19,374)	(19,374)	5,280	06/25/2036	1FM
52523K-AH-7	LXS 2006-17 WF42 STEP AFC AS 5.790% 11/25/36		03/01/2019	Paydown		352,370	388,373	248,028	270,499		106,990		106,990		377,489		(25,119)	(25,119)	3,499	11/25/2036	1FM
52706#-AA-4	WELLS FARGO BK NW-WAG LAWTON SR-SEC 6.850% 05/15/34		03/15/2019	Redemption	100.0000	26,581	26,581	26,581	26,581						26,581				304	05/15/2034	2
52707#-AA-1	WELLS FARGO NAT BK-WAG CRAMBER SR-SEC 7.050% 05/15/34		03/15/2019	Redemption	100.0000	36,776	36,776	36,776	36,776						36,776				433	05/15/2034	2
53079E-BE-3	LIBERTY MUTUAL GROUP INC CO.GUARNT 4.250% 06/15/23		01/28/2019	Taxable Exchange		27,541,151	27,282,000	27,003,631	27,141,751		2,129		2,129		27,143,880		397,271	397,271	51,653	06/15/2023	2FE
542514-FX-7	LBMLT 2004-2 M1 MEZ FLT STEP IRC 3.281% 06/25/34		03/25/2019	Paydown		343,481	343,481	274,356	286,548		56,933		56,933		343,481				1,705	06/25/2034	1FM
542514-GM-0	LBMLT 2004-3 M1 MEZ FLT STEP IRC 3.341% 07/25/34		03/25/2019	Paydown		19,317	19,317	14,536	15,892		3,425		3,425		19,317				119	07/25/2034	1FM
542514-HT-4	LBMLT 2004-4 M1 MEZ FLT STEP 3.386% 10/25/34		03/25/2019	Paydown		254,539	254,539	192,177	228,589		25,950		25,950		254,539				1,360	10/25/2034	1FM
54627R-AC-4	LCDA 2010-ELL A3 SEQ 3.450% 02/01/22		02/01/2019	Paydown		3,676,823	3,676,823	3,768,026	3,704,127		(27,304)		(27,304)		3,676,823				63,425	02/01/2022	1FE
54627R-AG-5	LCDA 2010-EGSL A3 SEQ 3.990% 08/01/24		02/01/2019	Paydown		2,431,393	2,431,393	2,420,352	2,426,291		5,102		5,102		2,431,393				48,506	08/01/2024	1FE
54709#-AA-5	LOUISVILLE US ATTORNEYS LEASE SR-SEC 4.970% 12/10/26		03/10/2019	Redemption	100.0000	173,808	173,808	173,810	173,809		(1)		(1)		173,808				1,442	12/10/2026	1
54868*-AA-6	LOWE'S SALEM 2011 CTL TRUST SR-SEC 4.510% 03/25/35		03/25/2019	Redemption	100.0000	209,233	209,233	209,233	209,233						209,233				1,575	03/25/2035	1
55265K-3V-9	MASTR 2003-12 3A9 Z SEQ SSNR AS 5.250% 12/25/33		03/01/2019	Paydown		193,416	193,416	168,725	183,233		10,183		10,183		193,416				2,330	12/25/2033	1FM
55265K-6P-9	MASTR 2004-1 5A13 SSNR NAS 5.250% 02/25/34		03/01/2019	Paydown		29,422	29,422	29,523	29,420		2		2		29,422				255	02/25/2034	1FM
552690-C*-8	MDU RESOURCES GROUP-INC B-SR-UNSEC 4.240% 07/15/24		01/01/2019	Tax Free Exchange		9,000,000	9,000,000	9,000,000	9,000,000						9,000,000				175,960	07/15/2024	2
552690-C#-6	MDU RESOURCES GROUP-INC C-SR-UNSEC 4.340% 07/15/26		01/01/2019	Tax Free Exchange		19,000,000	19,000,000	19,000,000	19,000,000						19,000,000				380,232	07/15/2026	2

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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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange 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 Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
552690-D8-5	MDU RESOURCES GROUP-INC C-SR-UNSEC 4.030% 12/10/30		01/01/2019	Tax Free Exchange		50,000,000	50,000,000	50,000,000	50,000,000						50,000,000				117,542	12/10/2030	2
552690-E8-4	MDU RESOURCES GROUP-INC 3.730% 03/21/37		01/01/2019	Tax Free Exchange		15,000,000	15,000,000	15,000,000	15,000,000						15,000,000				155,417	03/21/2037	2
55291K-AC-1	MABS 2006-WMC3 A3 FLT STEP IRC 2.586% 08/25/36		03/25/2019	Paydown		28,809	28,809	13,616	12,522		16,287		16,287		28,809				90	08/25/2036	1FM
55312T-AF-0	MLCFC 2007-6 AM AFC 5.526% 03/12/51		03/01/2019	Paydown		8,911,593	8,911,593	9,378,702	8,896,808		14,785		14,785		8,911,593				42,021	03/12/2051	1FM
5544SR-AD-9	MACH 2004 1A X SC 10 CSTR NTL CDO-C 0.659% 05/28/40		03/01/2019	Paydown Redemption 100.0000				6,718											107	05/28/2040	6*
55880#-AA-3	MADRID BIDCO LLC SR-SEC 4.520% 12/31/30		03/31/2019	Redemption 100.0000		1,629,271	1,629,271	1,629,271	1,629,271						1,629,271				19,024	12/31/2030	2PL
56033A-AA-8	MAIMONIDES MEDICAL CENTE MORTGAGE BACKED 3.300% 03/20/32		03/20/2019	Redemption 100.0000		1,180,000	1,180,000	1,217,713	1,206,774		(26,774)		(26,774)		1,180,000				19,470	03/20/2032	1FE
56475#-AB-0	GCFP LEASE-BKD PT TRUST-AMCOL SR-SEC 7.003% 12/10/28		03/10/2019	Redemption 100.0000		283,456	283,456	283,456	283,456						283,456				3,315	12/10/2028	1
576433-D4-5	MARM 2005-7 2A1 CSTR PT SSNR AS 4.047% 09/25/35		03/01/2019	Paydown		86,316	85,807	58,697	49,919		36,100		36,100		86,019		297	297	521	09/25/2035	1FM
576433-YB-7	MARM 2005-1 4A1 CSTR PT AS 3.932% 02/25/35		03/01/2019	Paydown		487,409	487,409	447,807	450,196		37,213		37,213		487,409				4,022	02/25/2035	1FM
576433-XE-1	MARM 2005-1 7A1 CSTR PT AS 4.179% 02/25/35		03/01/2019	Paydown		112,094	112,094	106,974	106,915		5,179		5,179		112,094				1,116	02/25/2035	1FM
576434-EB-3	MALT 2005-1 6A5 Z AS 5.500% 02/25/35		03/01/2019	Paydown		164,302	164,302	134,750	134,750		29,552		29,552		164,302				1,823	02/25/2035	1FM
576434-GR-9	MALT 2003-6 B2 SUB CSTR NAS 5.664% 09/25/33		03/01/2019	Paydown		7,733	16,691				7,733		7,733						260	09/25/2033	1FM
576434-JM-7	MALT 2003-7 B2 SUB CSTR NAS 5.898% 12/25/33		03/01/2019	Paydown			113,215												(25)	12/25/2033	6FM
576434-L9-3	MALT 2005-3 1A1 PT AS 5.500% 04/25/35		03/01/2019	Paydown		729	729	710	710		18		18		729				5	04/25/2035	1FM
576434-NA-2	MALT 2005-3 6A3 SEQ AS 5.500% 04/25/35		03/01/2019	Paydown		42,286	42,286	25,946	23,598		18,688		18,688		42,286				339	04/25/2035	1FM
576438-AA-3	MARM 2006-2 1A1 CSTR PT SSNR AS 4.604% 04/25/36		03/01/2019	Paydown		61,207	61,207	26,492	1,559		59,648		59,648		61,207				459	04/25/2036	1FM
57643L-CJ-3	MABS 2004-OPT1 M2 MEZ FLT STEP 4.136% 02/25/34		03/25/2019	Paydown		29,273	29,273	23,338	24,959		4,314		4,314		29,273				170	02/25/2034	1FM
57643L-LC-8	MABS 2005-AB1 A4 STEP AS 5.648% 11/25/35		03/01/2019	Paydown		747,289	747,289	687,508	695,178		52,111		52,111		747,289				4,427	11/25/2035	1FM
57643M-BK-9	MASTR 2004-5 1A3 SEQ SSNR AS 5.500% 05/25/34		03/01/2019	Paydown		31,055	31,055	29,120	29,168		1,888		1,888		31,055				287	05/25/2034	1FM
57643M-CY-8	MASTR 2004-6 2A11 SC Z SSNR AS 5.250% 06/26/34		03/01/2019	Paydown		140,556	140,556	107,152	126,629		13,927		13,927		140,556				1,802	06/26/2034	1FM
57643M-FM-1	MASTR 2006-1 1A11 SEQ SSNR AS 5.750% 07/25/34		03/01/2019	Paydown		17,652	17,652	15,512	16,704		947		947		17,652				154	07/25/2034	1FM
57643M-MH-4	MCDONALD'S CORP SR UNSEC 5.000% 02/01/19		03/01/2019	Paydown		322,233	322,233	278,376	285,049		37,184		37,184		322,233				2,676	05/25/2036	1FM
58013M-EG-5	MEMPHIS NAMING RIGHTS LLC SR-SEC 6.720% 07/01/23		02/01/2019	Maturity Redemption 100.0000		6,250,000	6,250,000	6,247,875	6,249,979		21		21		6,250,000				156,250	02/01/2019	2FE
58528#-BN-6	MEIJER INC SR-SEC 6.789% 01/01/19		01/01/2019	Redemption 100.0000		513,746	513,746	513,746	513,746						513,746				17,439	01/01/2019	1
58528#-BQ-9	MEIJER INC SR-SEC 6.789% 01/01/19		01/01/2019	Redemption 100.0000		529,314	529,314	529,314	529,314						529,314				17,968	01/01/2019	1
58528#-BS-5	MEIJER INC SR-SEC 6.789% 01/01/19		01/01/2019	Redemption 100.0000		539,693	539,693	539,693	539,693						539,693				18,320	01/01/2019	1
58550P-AA-4	MELLON CRA MELLON CRA 1998-A 6.500% 05/25/28		03/01/2019	Paydown		9,293	44,883				9,293		9,293		9,293				498	05/25/2028	1FM
585525-BM-9	MRFC 1998-2 A11 PZ CPT 6.750% 06/25/28		03/01/2019	Paydown Redemption 100.0000		6	6				6		6		6					06/25/2028	1FM
58610*-AA-8	MEREDITH CORP CO. GUARNT 6.875% 02/01/26		01/01/2019	Tax Free Exchange		1,167,000	1,167,000	1,167,000	1,167,000						1,167,000				39,211	07/01/2023	2FE
589433-AA-9	MEMPHIS NAMING RIGHTS LLC SR-SEC 6.720% 07/01/23		03/05/2019	Tax Free Exchange		7,922,663	7,758,000	7,929,108	7,927,123		(4,460)		(4,460)		7,922,663				317,054	02/01/2026	4FE
59010R-AA-2	MLLN 2016-1 A STEP SEQ 4.500% 12/15/32		03/15/2019	Paydown		2,422,160	2,422,160	2,329,027	2,339,513		82,648		82,648		2,422,160				13,514	12/15/2032	1FE
59020U-L3-7	MLCC 2005-3 1A CSTR FLT 4.671% 11/25/35		03/25/2019	Paydown		222,976	222,976	211,345	209,307		13,669		13,669		222,976				1,766	11/25/2035	1FM
59020U-LK-9	MLCC 2005-1 2A1 CSTR 4.318% 04/25/35		03/01/2019	Paydown		51,186	51,186	49,458	49,571		1,615		1,615		51,186				307	04/25/2035	1FM

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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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)	
59022H-EL-2	MLMT 2004-KEY2 XC 10 CSTR NTL 0.892% 08/12/39		03/01/2019	Paydown															1,014	08/12/2039	6FE	
59022H-FC-1	MLMT 2004-BPC1 XC 10 CSTR NTL 0.966% 10/12/41		03/01/2019	Paydown				37	37									(37)	(37)	52	10/12/2041	6*
59333#-AA-8	MIAMI DEA LEASE BKD TRUST-GSA SR-SEC 4.500% 08/15/31		03/15/2019	Redemption	100.0000	391,487	391,487	391,487	391,487						391,487				2,940	08/15/2031	1	
59835#-AA-3	MIDWEST ENERGY-INC. SR-SEC 4.140% 07/20/43		01/20/2019	Redemption	100.0000	145,224	145,224	145,224	145,224						145,224				1,505	07/20/2043	1Z	
60221*-AA-5	MILWAUKEE FBI LEASE-BKD PT TRU SR-UNSEC 3.500% 04/15/36		03/15/2019	Redemption	100.0000	357,050	357,050	357,050	357,050						357,050				2,067	04/15/2036	1	
61171#-AA-9	MONSANTO LEASE-BKD PT TR 4.609% 10/15/38		03/15/2019	Redemption	100.0000	479,038	479,038	479,038	479,038						479,038				3,685	10/15/2038	2	
61421#-AA-7	MONTGOMERY VA LEASE-BKD PT TR- SR 3.905% 06/15/35		03/15/2019	Redemption	100.0000	124,196	124,196	124,196	124,196						124,196				808	06/15/2035	1	
61744C-DH-6	MSAC 2004-HE3 M1 MEZ FLT STEP 3.341% 03/25/34		03/25/2019	Paydown		210,553	210,553	199,499	202,196		8,357		8,357		210,553				1,026	03/25/2034	1FM	
61744C-FB-7	MSAC 2004-HE6 M1 MEZ FLT STEP 3.311% 08/25/34		03/25/2019	Paydown		383,058	383,058	280,231	339,149		43,908		43,908		383,058				2,072	08/25/2034	1FM	
61744C-HP-4	MSAC 2004-NC8 M1 MEZ FLT STEP IRC 3.401% 09/25/34		03/25/2019	Paydown		82,583	82,583	62,350	72,156		10,427		10,427		82,583				471	09/25/2034	1FM	
61744W-AA-0	.MS MTGE CAP 97-P .MS MTGE CAP 97-P 7.823% 04/25/27		03/01/2019	Paydown		1,394	1,394				1,394		1,394		1,394				7	04/25/2027	6*	
61746B-DM-5	MORGAN STANLEY SR UNSEC 2.500% 01/24/19		01/24/2019	Maturity		16,875,000	16,875,000	16,812,900	16,874,178		822		822		16,875,000				210,938	01/24/2019	1FE	
61746R-DX-6	MSAC 2003-NC10 M1 MEZ FLT STEP IRC 3.506% 10/25/33		03/25/2019	Paydown		67,516	67,516	63,296	64,475		3,041		3,041		67,516				354	10/25/2033	1FM	
61746W-HJ-2	MSDC 2001-TOP3 X1 IO CSTR NTL 0.075% 07/15/33		03/01/2019	Paydown															9	07/15/2033	6FE	
61748H-DM-0	MSM 2004-4 1A15 SEQ SSNR AS 5.500% 08/25/34		03/01/2019	Paydown		421,718	421,718	414,284	414,431		7,287		7,287		421,718				2,893	08/25/2034	1FM	
61748H-FD-8	MSM 2004-10AR 2A1 CSTR PT AS 4.565% 11/25/34		03/01/2019	Paydown		111,026	111,026	110,654	110,657		369		369		111,026				921	11/25/2034	1FM	
61748H-FV-8	MSM 2004-9 3A1 SSNR NAS 5.500% 11/25/34		03/01/2019	Paydown		23,671	23,671	23,542	23,544		127		127		23,671				225	11/25/2034	1FM	
61749E-AE-7	MSM 2006-12XS A4 STEP AFC AS 6.012% 10/25/36		03/01/2019	Paydown		105,614	105,614	47,361	48,186		57,428		57,428		105,614				269	10/25/2036	1FM	
61749W-AH-0	MSM 2006-11 1A2 AFC SEQ AS 6.354% 08/25/36		03/01/2019	Paydown		39,141	39,141	14,972	14,351		24,790		24,790		39,141				95	08/25/2036	1FM	
61749W-AJ-6	MSM 2006-11 1A3 STEP AFC SEQ AS 6.424% 08/25/36		03/01/2019	Paydown		27,362	27,362	10,316	9,892		17,470		17,470		27,362				66	08/25/2036	1FM	
61750Y-AF-6	MSM 2006-15XS A4B STEP AFC AS 6.120% 11/25/36		03/01/2019	Paydown		240,731	240,731	105,985	102,704		138,027		138,027		240,731				2,066	11/25/2036	1FM	
61752J-AF-7	MSM 2007-1XS 2A4A STEP AFC AS 6.084% 09/25/46		03/01/2019	Paydown		82,488	82,488	34,765	32,382		50,106		50,106		82,488				463	09/25/2046	1FM	
61753N-AC-4	MSAC 2007-NC2 A2A FLT STEP IRC 2.596% 02/25/37		03/25/2019	Paydown		2,488	2,488	1,109	996		1,492		1,492		2,488				7	02/25/2037	1FM	
61754J-AH-1	MSC 2007-T27 AJ CSTR 5.947% 06/11/42		03/21/2019	Various		13,217,039	12,591,854	12,266,993	12,528,996		1,606		1,606		12,530,601		686,437	686,437	150,460	06/11/2042	1FM	
61754J-AH-1	MSC 2007-T27 AJ CSTR 5.947% 06/11/42		03/01/2019	Paydown		182,434	182,434	177,728	181,462		972		972		182,434				1,787	06/11/2042	1FM	
61755Y-AK-0	MSC 2007-1015 AJ CSTR 6.118% 06/11/49		01/18/2019	JP MORGAN SECURITIES		1,706,609	1,692,789	1,577,474	1,666,862		1,589		1,589		1,668,451		38,158	38,158	15,093	06/11/2049	1FM	
61755Y-AK-0	MSC 2007-1015 AJ CSTR 6.118% 06/11/49		01/01/2019	Paydown		29,009	29,009	27,033	28,565		444		444		29,009				149	06/11/2049	1FM	
61760R-AN-2	MSC 2011-C3 E SUB CSTR 5.155% 07/15/49		01/18/2019	CITIGROUP GLOBAL MARKETS INC		4,950,977	5,000,000	4,984,961	4,987,924		46		46		4,987,970		(36,994)	(36,994)	37,222	07/15/2049	1FM	
61762D-AW-1	MSBAM 2013-C9 A4 SEQ 3.102% 05/15/46		03/01/2019	MORGAN STANLEY & CO. INC		34,035,664	34,000,000	33,263,843	33,469,053		7,215		7,215		33,476,269		559,395	559,395	275,389	05/15/2046	1FM	
61872#-AA-1	MORRISTOWN TN STATUTORY TRUST- SR-SEC 5.500% 06/30/25		03/30/2019	Redemption	100.0000	49,971	49,971	49,971	49,971						49,971				459	06/30/2025	2PL	
61913P-AZ-5	MHL 2005-4 A1 FLT STEP AFC 2.766% 10/25/35		03/25/2019	Paydown		1,080,604	1,080,604	1,028,388	1,035,643		44,961		44,961		1,080,604				5,546	10/25/2035	1FM	

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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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange 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 Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
61915R-AL-0	MHL 2005-3 A2 FLT STEP AFC IRC SSU 3.186% 08/25/35		03/25/2019	Paydown		208,150	208,150	191,498	193,985		14,165		14,165		208,150				.910	08/25/2035	1FM
61915R-AM-8	MHL 2005-3 M1 MEZ FLT STEP AFC IRC 3.191% 08/25/35		03/25/2019	Paydown		131,895	131,895	116,233	118,472		13,423		13,423		131,895				.577	08/25/2035	1FM
61915R-AU-0	MHL 2005-5 A1 FLT STEP AFC IRC SSN 2.746% 12/26/35		03/25/2019	Paydown		390,526	390,526	384,291	385,140		5,386		5,386		390,526				2,088	12/26/2035	1FM
61915R-AW-6	MHL 2005-5 M1 MEZ FLT STEP AFC IRC 2.936% 12/25/35		03/25/2019	Paydown		163,189	163,189	140,565	143,530		19,659		19,659		163,189				.917	12/25/2035	1FM
61946G-AA-1	MSAIC 2017-2A A SEQ 3.820% 06/22/43 MURRAY ORE SPE EQUITIES LLC-PR SR-SEC		03/20/2019	Paydown		497,222	497,222	497,158	497,160		.62		.62		497,222				3,043	06/22/2043	1FE
62715*-AA-4	5.610% 10/15/31		03/15/2019	Redemption	100.0000	487,809	487,809	487,809	487,809						487,809				4,568	10/15/2031	1
628530-BG-1	MYLAN INC CO GUARNT 4.550% 04/15/28 THE NBCU-MIAMI-FL CTL PT TRUST SR-SEC		01/11/2019	Tax Free Exchange		7,482,596	7,500,000	7,481,400	7,482,434		161		161		7,482,596				81,521	04/15/2028	2FE
62879*-AA-6	4.238% 01/31/38 NBCU-MIAMI FL CTL PT TR-NBCU A 3.821% 01/31/38		03/28/2019	Redemption	100.0000	423,315	423,315	423,315	423,315						423,315				2,994	01/28/2038	1
62879*-AB-4	62886E-AH-1		03/31/2019	Redemption	100.0000	93,586	93,586	93,586	93,586						93,586				.602	01/31/2038	1
62886E-AH-1	NCR CORP CO GUARNT 4.625% 02/15/21 NCT-LOUISVILLE-KY GROUND LEASE SR-SEC		03/19/2019	BANK OF AMERICA	100.0000	9,987,500	10,000,000	10,000,000	10,000,000						10,000,000		(12,500)	(12,500)	277,307	02/15/2021	4FE
62897*-AA-4	3.770% 03/10/45		03/10/2019	Redemption	100.0000	216,394	216,394	216,394	216,394						216,394				1,374	03/10/2045	1FE
62963#-AJ-0	NRP-OPERATING LLC I-SR 5.030% 12/01/26 NARA LEASE-BKD TRUST-GSA NARA SR-SEC 5.110% 06/01/31		01/16/2019	Redemption	100.0000	2,260,690	2,260,690	1,245,495	1,245,495		1,015,196		1,015,196		2,260,690				13,898	12/01/2026	4
63080*-AA-9	NAT OILWELL VARCO LEASED PT TR SR-SEC 4.510% 08/15/38		03/10/2019	Redemption	100.0000	757,707	757,707	757,707	757,707						757,707				6,462	05/10/2031	1
63707#-AA-8	NEPTUNE REGIONAL TRANSMISSION SR 6.210% 06/30/27		03/15/2019	Redemption	100.0000	378,777	378,777	378,777	378,777						378,777				1,077	08/15/2038	2
64079*-AB-8	NCAMT 2006-ALT2 AF4 STEP AFC AS 5.085% 10/25/36		03/30/2019	Paydown		91,849	91,849	28,772	28,235		63,614		63,614		91,849				325	10/25/2036	1FM
643529-AD-2	NCHET 2003-5 A16A STEP AFC SEQ AS 5.076% 11/25/33		03/01/2019	Paydown		721,669	721,669	706,047	707,169		14,500		14,500		721,669				6,161	11/25/2033	1FM
64352V-EE-7	NCHET 2005-A A4 STEP AFC AS 4.683% 08/25/35		03/01/2019	Paydown		568,461	568,461	507,546	518,902		49,559		49,559		568,461				4,408	08/25/2035	1FM
643783-AB-9	NEW DOMINION TECH PRK-GSA CIA 2-SR-SEC 7.720% 01/15/21		01/15/2019	Redemption	100.0000	957,235	957,235	957,235	957,235						957,235				35,236	01/15/2021	1
64746#-AA-9	NEW MILANI GROUP LLC SUB-UNSEC 11.000% 06/05/25		02/07/2019	NEW MILANI GROUP LLC	100.0000	3,954,867	4,023,263	3,943,263	3,947,006		820		820		3,947,826		7,041	7,041	11,061	06/05/2025	4
64746#-AA-9	NEW MILANI GROUP LLC SUB-UNSEC 11.000% 06/05/25		01/02/2019	Redemption	100.0000	558	558	547	547		11		11		558					06/05/2025	4
64829G-AJ-8	NRZT 2016-2A B1 SUB AFC 4.500% 11/26/35 NEWTOWN CREDIT LEASE TRUST 200 SR-SEC		03/01/2019	Paydown		31,572	31,572	33,036	32,638		(1,065)		(1,065)		31,572				247	11/26/2035	1FE
653240-AA-9	6.082% 05/15/23 NIELSEN FINANCE LLC/CO CO GUARNT 4.500% 10/01/20		03/15/2019	Redemption	100.0000	1,319,591	1,319,591	1,349,300	1,326,754		(7,163)		(7,163)		1,319,591				13,399	05/15/2023	1
65409Q-BA-9	939 ROUTE 1 EDISON LLC-WAL-MAR SR-SEC 5.760% 06/28/30		03/28/2019	WELLS FARGO	100.0000	8,988,750	9,000,000	8,740,255	8,927,439		9,836		9,836		8,937,275		51,475	51,475		10/01/2020	4FE
65442*-AA-7	NASC 1994-3 A6 PZ W OPT AS 1.463% 07/25/24		03/28/2019	Redemption	100.0000	170,408	170,408	170,408	170,408						170,408				1,639	06/28/2030	1
655356-DF-7	NORTH HAVEN CA HLDGS INC 2NE LIEN 10.503% 10/01/24		03/01/2019	Paydown		8,978	8,978	8,663	8,897		.81		.81		8,978				134	07/25/2024	1FM
65958#-AD-3	NORTH HAVEN CA HLDGS-INC. SUB-UNSEC 14.000% 10/01/24		03/28/2019	COMBINE CSPS	100.0000	6,000,000	6,000,000	6,000,000	6,000,000						6,000,000				160,763	10/01/2024	561
65958*-AA-3	NORVIN PASADENA LP-ST. LUKES-P SR-SEC 4.930% 10/15/30		03/28/2019	COMBINE CSPS	100.0000	9,000,000	9,000,000	9,000,000	9,000,000						9,000,000				25,776	10/01/2024	561
66881@-AA-1	NORVIN PASADENA LP-ST. LUKES A SR-SEC 4.690% 10/15/30		03/15/2019	Redemption	100.0000	424,569	424,569	424,569	424,569						424,569				3,493	10/15/2030	2
66881@-AB-9			03/15/2019	Redemption	100.0000	50,222	50,222	50,222	50,222						50,222				393	10/15/2030	2

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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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
..67084*-AA-6	OBK AURORA-LLC-WALGREEN SR-SEC 6.450% 02/15/28		03/15/2019	Redemption 100.0000		39,415	39,415	39,415	39,415						39,415				424	02/15/2028	2
..67090*-AA-6	OG SIKESTON MO LANDLORD LLC SR-SEC 7.690% 08/31/31		03/31/2019	Redemption 100.0000		233,590	233,590	233,590	233,590						233,590				3,000	08/31/2031	2
..67090U-AB-9	THOR 2018 A SEQ 4.160% 02/09/30		03/09/2019	Paydown		2,743,569	2,743,569	2,742,925	2,742,991		578		578		2,743,569				18,467	02/09/2030	1PL
..67090U-AD-5	THOR 2018 C SUB 4.250% 02/09/30		03/09/2019	Paydown		548,718	548,718	513,677	517,101		31,618		31,618		548,718				3,773	02/09/2030	3PL
..67624*-AA-1	OFFICE PARK GROUND LEASE TRUST 2013-SR-SEC 4.000% 02/15/41		03/15/2019	Redemption 100.0000		53,029	53,029	53,029	53,029						53,029				362	02/15/2041	1FE
..677050-AE-6	OGLETHORPE POWER CORP 1ST MORTG 6.100% 03/15/19		03/15/2019	Maturity		38,740,000	38,740,000	38,713,519	38,739,444		556		556		38,740,000				1,181,570	03/15/2019	2FE
..678858-BK-6	OKLAHOMA G&E CO SR UNSEC 8.250% 01/15/19		01/15/2019	Maturity		20,000,000	20,000,000	19,996,400	20,000,000						20,000,000				825,000	01/15/2019	1FE
..682438-AB-2	AACMT 2002-C5 X 10 CSTR NTL 0.159% 10/18/32		03/11/2019	Paydown				76,716											731	10/18/2032	1FE
..68255*-AA-5	1998 BAMA GAS-AL GAS SR-SEC 6.950% 01/10/24		03/10/2019	Redemption 100.0000		237,237	237,237	237,237	237,237						237,237				2,611	01/10/2024	1
..68268N-AE-3	ONEOK PARTNERS LP CO. GUARNT 8.625% 03/01/19		03/01/2019	Maturity		10,000,000	10,000,000	9,966,500	9,999,204		796		796		10,000,000				431,250	03/01/2019	2FE
..68279*-AA-5	1734 LLC-USPS SR-SEC 5.400% 06/15/30		03/15/2019	Redemption 100.0000		38,022	38,022	38,022	38,022						38,022				342	06/15/2030	1
..68279*-AB-5	120 LONG RIDGE LLC-GEN RE A-2-SR-SEC 4.700% 04/15/30		03/15/2019	Redemption 100.0000		1,003,987	1,003,987	1,003,987	1,003,987						1,003,987				7,875	04/15/2030	1
..68282*-AA-0	1223 16TH STREET PT TRUST-UCLA SR-SEC 4.627% 03/15/42		03/15/2019	Redemption 100.0000		74,457	74,457	75,776	75,549		(1,092)		(1,092)		74,457				614	03/15/2042	1
..68389F-ES-9	OOMLT 2004-1 M1 MEZ FLT STEP 3.386% 01/25/34		03/25/2019	Paydown		113,362	113,362	105,295	106,769		6,593		6,593		113,362				529	01/25/2034	1FM
..68389X-AS-4	ORACLE CORP SR UNSEC 3.625% 07/15/23		03/28/2019	MITSUBISHI UFJ SECURITIES USA		20,052,893	19,300,000	19,125,914	19,212,971		4,402		4,402		19,217,374		835,519	835,519	497,511	07/15/2023	1FE
..68504W-AA-5	ONGLT 2018-A A SEQ 3.100% 11/08/30		03/08/2019	Paydown		461,517	461,517	461,463	461,467		49		49		461,517				2,402	11/08/2030	1FE
..69121P-DE-0	OWINIT 2006-2 A2B STEP 5.633% 01/25/37		03/01/2019	Paydown		70,652	70,652	70,652	70,652						70,652				281	01/25/2037	1FM
..69336Q-AF-9	PHHMC 2007-4 A6 CSTR AD AS 5.971% 07/18/37		03/01/2019	Paydown		48,231	48,231	46,409	46,816		1,415		1,415		48,231				472	07/18/2037	1FM
..69336Q-AG-7	PHHMC 2007-4 A7 CSTR Z NAS 5.971% 07/18/37		03/01/2019	Paydown		338,015	338,015	327,616	333,132		4,883		4,883		338,015				3,311	07/18/2037	1FM
..69337N-AC-2	PHHMC 2007-3 A3 CSTR SUP AD AS 4.966% 06/18/37		03/01/2019	Paydown		5,855	5,855	5,294	5,327		528		528		5,855				49	06/18/2037	1FM
..693476-BN-2	PNC FINANCIAL SERVICES SR UNSEC 3.300% 03/08/22		03/19/2019	GOLDMAN SACHS & COMPANY		10,118,800	10,000,000	9,774,600	9,919,185		5,193		5,193		9,924,378		194,422	194,422	176,458	03/08/2022	1FE
..6934K*-AA-6	PNC CTL PT TRUST-WAG OAKLAND SR-SEC 6.870% 12/18/34		03/18/2019	Redemption 100.0000		67,682	67,682	67,683	67,682						67,682				776	12/18/2034	2
..69379*-AA-4	PT-EDISON DC-LLC-PEPCO SR-SEC 6.731% 12/15/28		03/15/2019	Redemption 100.0000		367,446	367,446	367,446	367,446						367,446				4,130	12/15/2028	2
..694308-GE-1	PACIFIC GAS & ELECTRIC SR UNSEC 6.050% 03/01/34		01/25/2019	Various		29,397,500	35,000,000	32,466,718	34,876,513		27		27		32,466,718		(3,069,218)	(3,069,218)		03/01/2034	2FE
..694308-HP-5	PACIFIC GAS & ELECTRIC SR UNSEC 2.950% 03/01/26		01/24/2019	US LL		2,761,688	3,575,000	2,940,759	3,567,910		5,123	627,155	(622,032)		2,945,877		(184,190)	(184,190)		03/01/2026	2FE
..695114-CX-2	PACIFICORP 1ST MORTG 5.500% 01/15/19		01/15/2019	Maturity		10,000,000	10,000,000	9,934,500	9,999,682		318		318		10,000,000				275,000	01/15/2019	1FE
..70069F-AE-7	PPSI 2004-NCW1 M3 MEZ FLT STEP 4.365% 09/25/34		03/25/2019	Paydown		483,471	483,471	460,730	457,044		26,427		26,427		483,471				2,563	09/25/2034	1FM
..70259*-AB-3	PASHA HAWAII SHIPPING CO LLC SR-SEC 7.250% 12/30/24		03/01/2019	Redemption 100.0000		199,999	199,999	199,999	199,999						199,999				3,021	12/01/2024	4
..70259*-AB-3	PASHA HAWAII SHIPPING CO LLC SR-SEC 7.250% 12/30/24		01/01/2019	Redemption 100.0000		100,000	100,000	100,000	100,000						100,000				604	12/01/2024	4Z
..70337U-10-0	PATRNL 5.775 05/23/20 5.775% 05/23/20		02/25/2019	Redemption 100.0000		2,686,221	2,686,221	2,560,742	2,680,780		5,441		5,441		2,686,221				25,855	05/23/2020	3AM
..70337Y-10-2	PATRNL 5.8594 01/10/20 5.859% 01/10/20		02/11/2019	Redemption 100.0000		4,708,483	4,708,483	4,739,009	4,709,139		(656)		(656)		4,708,483				45,981	01/10/2020	1FE

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1 CUSIP Identification	2 Description	3 For- eign	4 Disposal Date	5 Name of Purchaser	6 Number of Shares of Stock	7 Consid- eration	8 Par Value	9 Actual Cost	10 Prior Year Book/ Adjusted Carrying Value	Change In Book/Adjusted Carrying Value					16 Book/ Adjusted Carrying Value at Disposal Date	17 Foreign Exchange Gain (Loss) on Disposal	18 Realized Gain (Loss) on Disposal	19 Total Gain (Loss) on Disposal	20 Bond Interest/ Stock Dividends Received During Year	21 Stated Con- tractual Maturity Date	22 NAIC Desig- nation and Admini- strative Symbol /Market Indicator (a)
										11 Unrealized Valuation Increase/ (Decrease)	12 Current Year's (Amor- tization)/ Accretion	13 Current Year's Other Than Temporary Impairment Recogn- ized	14 Total Change in Book/ Adjusted Carrying Value (11 + 12 - 13)	15 Total Foreign Exchange Change in Book /Adjusted Carrying Value							
70556#-AA-5	PEF ST. PETERSBURG FL-LLC-PROG SR-SEC 5.270% 08/15/27		03/15/2019	Redemption	100.0000	255,315	255,315	255,315	255,315						255,315				2,246	04/15/2027	2
71904#-AA-2	PHOENIX GARAGE PT TRUST-PHOENI SR-SEC 4.670% 08/15/40		03/15/2019	Redemption	100.0000	85,137	85,137	85,137	85,137						85,137				664	08/15/2040	1
72352#-AA-9	P10 PICO HOLDCO ISSUER-LLC 4.920% 08/31/41		02/28/2019	Redemption	100.0000	486,000	486,000	486,000	486,000						486,000				11,823	08/28/2041	2PL
72703P-AB-9	PLNT 2018-1A A211 SEQ 4.666% 09/05/48		03/05/2019	Paydown		62,500	62,500	62,500	62,500						62,500				729	09/05/2048	2AM
7316P-AB-0	POPLR 2004-4 AF5 STEP AFC AS 4.313% 09/25/34		03/01/2019	Paydown		1,075,883	1,075,883	1,075,857	1,073,695		2,188				1,075,883				9,038	09/25/2034	1FM
73316P-GH-7	POPLR 2005-5 AF4 STEP AFC AS 3.991% 11/25/35		03/01/2019	Paydown		349,439	349,439	348,020	349,041		397				349,439				2,311	11/25/2035	1FM
73557*-AB-0	PORT WASHINGTON GENERATING STA A-SR-SEC 6.000% 06/15/33		03/15/2019	Redemption	100.0000	163,123	163,123	163,123	163,123						163,123				1,634	06/15/2033	1
74160M-KV-3	PRIME 2005-4 2A10 SSNR NAS 5.500% 10/25/35		03/01/2019	Paydown		165,316	165,316	163,482	163,773		1,542				165,316				1,621	10/25/2035	2FM
74166M-AA-4	PRIME SEC SRVC BRW/FINANC SECURED 9.250% 05/15/23		02/01/2019	Call	106.3290	1,505,619	1,416,000	1,424,096	1,420,242		(140)				1,420,102		(4,102)		92,877	05/15/2023	4FE
743947-AA-1	PHMS 1992-C 1B1 SC SUB 7.400% 08/28/22		03/01/2019	Paydown		82	82	82	82		82				82				1	08/28/2022	1FM
743947-AB-9	PHMS 1992-C 2B1 SC SUB 7.400% 08/28/22		03/01/2019	Paydown		71	71	69	71						71				1	08/28/2022	1FM
743947-AC-7	PHMS 1992-C 3B1 SC SUB 7.400% 08/28/22		03/01/2019	Paydown		103	103	100	103						103				1	08/28/2022	1FM
743947-AD-5	PHMS 1992-C 4B SC SUB 7.400% 08/28/22		03/01/2019	Paydown		17	17	17	17						17				1	08/28/2022	1FM
743947-AE-3	PHMS 1992-C 5B SC SUB 7.400% 08/28/22		03/01/2019	Paydown		46	46	46	46						46				1	08/28/2022	1FM
744448-CC-3	PUBLIC SERVICE COLORADO 1ST MORTG 5.125% 06/01/19		03/29/2019	Call	100.3979	21,083,552	21,000,000	21,053,850	21,002,788		(1,606)				21,001,182		(1,182)		83,552	06/01/2019	1FE
74728*-AA-4	QF1 LITTLE ROCK AR-LLC SR-SEC 5.655% 04/10/26		03/10/2019	Redemption	100.0000	103,265	103,265	103,265	103,265						103,265				975	04/10/2026	2PL
74919P-AD-1	RAAC 2006-SP2 M1 MEZ FLT STEP AFC 1 2.826% 02/25/36		03/25/2019	Paydown		188,312	188,312	166,067	180,820		7,491				188,312				1,044	02/25/2036	1FM
74924P-AE-2	RASC 2004-KS1 A15 STEP AFC AS 5.721% 02/25/34		03/01/2019	Paydown		164,151	164,151	164,146	163,914		237				164,151				1,464	02/25/2034	1FM
74924P-AJ-1	RASC 2004-KS1 M13 MEZ AFC NAS 5.517% 02/25/34		03/01/2019	Paydown		30,837	30,837	30,837	30,837						30,837				239	02/25/2034	1FM
74924P-AM-4	RASC 2004-KS1 M111 MEZ FLT STEP IRC 3.311% 02/25/34		03/25/2019	Paydown		94,150	94,150	87,394	89,331		4,818				94,150				517	02/25/2034	1FM
74928X-CN-9	RBSSP 2009-6 12A1 SC PT 5.500% 05/26/35		03/01/2019	Paydown		239,964	239,964	201,569	234,595		5,369				239,964				2,141	05/26/2035	1FM
74951P-CY-2	RESIF 2004-B B5 SUB FLT 4.043% 02/10/36		03/11/2019	Paydown		5,955	5,955	1,171	705		5,250				5,955				36	02/10/2036	1FM
74951P-DF-2	RESIF 2004-C B3 SUB FLT 3.243% 09/10/36		03/11/2019	Paydown		38,741	38,741	15,318	23,423		23,423				38,741				211	09/10/2036	1FM
74951P-DG-0	RESIF 2004-C B4 SUB FLT 3.443% 09/10/36		03/11/2019	Paydown		29,056	29,056	7,713	3,278		25,778				29,056				168	09/10/2036	1FM
74951P-DQ-8	RESIF 2005-A B3 SUB FLT 3.073% 03/10/37		03/11/2019	Paydown		38,630	38,630	38,579	39,758		25,445				65,203		(26,573)		700	03/10/2037	1FM
74951P-DR-6	RESIF 2005-A B4 SUB FLT 3.173% 03/10/37		02/11/2019	Paydown		72,944	72,944	276	276						72,944				338	03/10/2037	1FM
74951P-EA-2	RESIF 2005-B B4 SUB FLT 3.163% 06/10/37		02/11/2019	Paydown		119,764	119,764	76,880	77,238		34,152				111,390		(15,183)		2	06/10/2037	1FM
749577-AL-6	RFMSI 2006-S9 A11 RTL AS 6.250% 09/25/36		03/01/2019	Paydown		96,208	96,208	96,208	96,208						96,208		(15,183)		1,003	09/25/2036	1FM
74957E-AE-7	RFMSI 2006-S5 A5 SEQ SSNR AS 6.000% 06/25/36		03/01/2019	Paydown		133,065	133,065	125,614	130,090		36,287				133,065		(33,312)		1,660	06/25/2036	1FM
74957E-AF-4	RFMSI 2006-S5 A6 SSNR NAS 6.000% 06/25/36		03/01/2019	Paydown		267,149	267,149	262,934	271,394		65,258				267,149		(69,503)		3,333	06/25/2036	1FM
74957V-AQ-2	RFMSI 2006-S6 A15 SSNR NAS 6.000% 07/25/36		03/01/2019	Paydown		134,244	134,244	112,500	115,915		35,608				134,244		(17,280)		2,192	07/25/2036	1FM
74957X-AF-2	RFMSI 2006-S8 A6 SSNR NAS 6.000% 09/25/36		03/01/2019	Paydown		100,233	100,233	106,807	110,672		24,152				100,233		(34,592)		1,442	09/25/2036	1FM
749583-AH-3	RFMSI 2007-S2 A8 SEQ AS 6.000% 02/25/37		03/01/2019	Paydown		26,591	26,591	33,253	35,019		10,439				26,591		(18,866)		562	02/25/2037	1FM
74958A-AD-6	RFMSI 2006-S7 A4 SSNR NAS 6.250% 08/25/36		03/01/2019	Paydown		253,183	253,183	184,355	182,414		95,245				253,183		(24,476)		3,049	08/25/2036	1FM
74958A-AH-7	RFMSI 2006-S7 A8 SSNR AS 6.000% 08/25/36		03/01/2019	Paydown		230,168	230,168	166,897	174,947		78,700				230,168		(23,479)		2,661	08/25/2036	1FM
74958B-AH-5	RFMSI 2007-S3 1A2 SEQ AS 6.000% 03/25/37		03/01/2019	Paydown		168,204	168,204	132,046	135,617		71,888				168,204		(39,301)		2,842	03/25/2037	1FM
74958E-AD-8	RFMSI 2006-S12 2A3 SSNR AS 6.000% 12/25/36		02/01/2019	Paydown		12,418,805	12,525,316	9,371,564	9,640,105		2,860,575				12,500,680		(81,875)		124,754	12/25/2036	1FM
74958E-AF-3	RFMSI 2006-S12 2A5 SEQ AS 6.000% 12/25/36		02/01/2019	Paydown		3,597,974	3,628,833	1,547,663	975,832		2,630,378				3,606,210		(8,235)		36,144	12/25/2036	1FM
74983#-AA-2	RS COGEN LLC B-SR-SEC 8.730% 10/15/22		03/31/2019	Redemption	100.0000	8,625,000	8,625,000	8,625,000	8,625,000						8,625,000				99,304	09/30/2022	6

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
75216#-AA-6	RANCO-RIC-LLC-PERFORMANCE FOOD SR-SEC 7.600% 10/01/24		03/01/2019	Redemption	100.0000		130,423	130,423	130,423						130,423				1,656	10/01/2024	2PL
75409#-AA-3	RATHDRUM POWER-LLC C-SR-SEC 8.560% 09/12/26		03/12/2019	Redemption	100.0000		245,000	245,000	245,000						245,000				5,243	09/12/2026	2
754427-AA-0	RAVENSWOOD UNIT 40 2004 TRUST- SR-SEC 5.996% 01/15/19		01/15/2019	Redemption	100.0000		1,960,788	1,960,788	1,960,788						1,960,788				58,784	01/15/2019	2
75888#-AA-5	REGED HOLDCO-INC. A11 PIK 13.750% 12/20/26		02/07/2019	REGED HOLDCO			2,926,130	3,000,000	2,953,274						3,000,000		(73,870)	(73,870)	71,589	12/20/2026	3Z
75971E-AF-3	RAMC 2006-3 AF3 STEP IRC AS 5.586% 11/25/36		02/01/2019	Paydown			441	441	205		236		236		441				3	11/25/2036	1FM
759950-CJ-0	RAMC 2004-2 AF5 STEP AFC AS 6.058% 07/25/34		03/01/2019	Paydown			794,588	794,588	794,588						794,588				4,777	07/25/2034	1FM
759950-GA-0	RAMC 2005-4 A6 STEP AFC NAS 5.749% 02/25/36		03/01/2019	Paydown			154,371	154,371	46,599		106,701		106,701		154,371				832	02/25/2036	1FM
759950-GW-2	RAMC 2006-1 AF4 STEP AFC AS 6.011% 05/25/36		03/01/2019	Paydown			62,865	62,865	39,506		23,238		23,238		62,865				447	05/25/2036	1FM
760985-6L-0	RAMP 2004-SL2 M1 MEZ CSTR NAS 6.844% 10/25/31		03/01/2019	Paydown			11,045	66,529	14,772		9,361		9,361		19,482		(8,437)	(8,437)	662	10/25/2031	1FM
760985-03-8	RAMP 2004-RS2 A14 STEP AFC AS 5.630% 02/25/34		03/01/2019	Paydown			269,983	269,983	269,983						269,983				3,013	02/25/2034	1FM
76110H-ZZ-1	RALI 2005-085 A3 SEQ AS 5.700% 04/25/35		03/01/2019	Paydown			54,881	54,881	14,608		53,240		53,240		54,881				366	04/25/2035	1FM
76110H-J9-1	RALI 2004-QS16 1A5 NAS 5.500% 12/25/34		03/01/2019	Paydown			129,030	129,030	123,173		5,220		5,220		129,030				1,113	12/25/2034	1FM
76110H-TG-4	RALI 2004-QS6 A1 SEQ AS 5.000% 05/25/19		03/01/2019	Paydown			3,202	3,254	2,986		3,254		3,254		3,254		(52)	(52)	25	05/25/2019	1FM
76110H-VH-9	RALI 2004-QS9 A1 PT AS 5.000% 06/25/19		03/01/2019	Paydown			91,213	85,174	88,638		2,576		2,576		91,213				704	06/25/2019	1FM
76110H-X5-3	RALI 2005-QS3 1A13 NAS 5.500% 03/25/35		03/01/2019	Paydown			40,454	62,333	56,488		3,106		3,106		60,637		(20,183)	(20,183)	446	03/25/2035	2FM
76110H-X8-7	RALI 2005-QS3 1A23 NAS 5.500% 03/25/35		03/01/2019	Paydown			111,257	129,962	105,349		21,057		21,057		126,406		(15,149)	(15,149)	1,317	03/25/2035	1FM
76110H-FW-1	RASC 1989-RS1 A13 AFC SEQ 6.846% 10/25/29		03/01/2019	Paydown			60,478	60,195	60,200		279		279		60,478				517	10/25/2029	1FM
76110H-RP-3	RASC 2003-KS4 A15 STEP AFC AS 5.170% 06/25/33		03/01/2019	Paydown			227,329	227,228	226,922		407		407		227,329				1,674	06/25/2033	1FM
76110H-SZ-0	RASC 2003-KS7 A15 STEP AFC AS 5.750% 09/25/33		03/01/2019	Paydown			213,748	212,438	212,676		1,072		1,072		213,748				1,709	09/25/2033	1FM
76110H-VV-5	RASC 2003-KS11 M111 MEZ FLT STEP IR 3.371% 01/25/34		03/25/2019	Paydown			68,326	60,216	62,531		5,795		5,795		68,326				516	01/25/2034	1FM
76110H-WF-9	RASC 2004-KS2 A15 STEP AFC AS 5.322% 03/25/34		03/01/2019	Paydown			227,247	227,204	226,926		321		321		227,247				2,102	03/25/2034	1FM
76110H-WN-2	RASC 2004-KS2 M21 MEZ FLT STEP IRC 3.251% 03/25/34		03/25/2019	Paydown			84,099	84,099	69,775		10,845		10,845		84,099				400	03/25/2034	1FM
76110H-YD-2	RASC 2004-KS5 A15 STEP AFC AS 4.834% 06/25/34		03/01/2019	Paydown			193,558	191,614	191,790		1,768		1,768		193,558				1,754	06/25/2034	1FM
76110H-ZN-9	RASC 2004-KS6 A15 CSTR STEP AFC AS 5.133% 07/25/34		03/01/2019	Paydown			169,272	167,717	168,459		813		813		169,272				1,742	07/25/2034	1FM
761118-AE-8	RALI 2005-QS7 A5 SSNR NAS 5.500% 06/25/35		03/01/2019	Paydown			226,512	327,100	184,761		99,328		99,328		282,920		(56,409)	(56,409)	2,309	06/25/2035	1FM
761118-DN-5	RALI 2005-QS12 A1 FLT IRC AD SSNR A 2.986% 08/25/35		03/25/2019	Paydown			49,296	83,709	47,921		22,443		22,443		68,260		(18,965)	(18,965)	329	08/25/2035	1FM
761118-DR-6	RALI 2005-QS12 A4 SSNR NAS 5.500% 08/25/35		03/01/2019	Paydown			59,589	101,189	57,012		49,362		49,362		79,892		(20,303)	(20,303)	727	08/25/2035	1FM
761118-PQ-5	RALI 2005-QS17 A1 SSNR NAS 6.000% 12/25/35		03/01/2019	Paydown			88,197	104,098	65,566		67,519		67,519		98,522		(10,325)	(10,325)	888	12/25/2035	1FM
76111X-C7-6	RFMSI 2005-S8 A3 NAS 5.500% 11/25/35		03/01/2019	Paydown			415,814	527,657	337,567		286,519		286,519		476,465		(60,651)	(60,651)	3,839	11/25/2035	1FM
76111X-E9-0	RFMSI 2005-S9 A9 Z SSNR AS 5.500% 12/25/35		03/01/2019	Paydown			351,464	377,302	283,415		257,346		257,346		369,093		(17,629)	(17,629)	4,260	12/25/2035	1FM
76111X-N9-0	RFMSI 2006-S3 A3 Z SSNR AS 5.500% 03/25/36		03/01/2019	Paydown			60,555	68,272	37,836		39,458		39,458		65,014		(4,459)	(4,459)	409	03/25/2036	1FM
76111X-PD-7	RFMSI 2004-S9 1A25 SSNR NAS 5.500% 12/25/34		03/01/2019	Paydown			161,834	161,834	162,744		(444)		(444)		161,834				1,827	12/25/2034	1FM
76111X-YH-0	RFMSI 2005-SA4 2A1 CSTR AS 4.626% 09/25/35		03/01/2019	Paydown			83,408	83,978	63,071		56,108		56,108		83,787		(379)	(379)	588	09/25/2035	1FM

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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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange 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 Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
76112B-HX-1	RAMP 2005-RS1 A15 CSTR STEP AFC AS 5.912% 01/25/35		03/01/2019	Paydown		218,897	218,897	218,897	218,897						218,897				1,885	01/25/2035	1FM
76112B-QL-7	RAAC 2005-SP1 3A1 SSNR NAS 6.000% 09/25/34		03/01/2019	Paydown		70,792	70,792	71,058	70,827		(35)		(35)		70,792				709	09/25/2034	1FM
76112B-YD-6	GIACM 2005-AR5 4A1 CSTR SSNR AS 4.097% 09/19/35		03/01/2019	Paydown		42,734	42,734	25,293	17,887		24,847		24,847		42,734				398	09/19/2035	1FM
76113G-AA-6	RESIF 2005-C B3 SUB FLT 3.093% 09/10/37		03/11/2019	Paydown		38,190	38,190												278	09/10/2037	1FM
76201*-AA-5	RFC LEASE TRUST SER 2009-1HP SR-SEC 6.305% 11/15/24		03/15/2019	Redemption	100.0000	379,196	379,196	382,988	381,023		(1,827)		(1,827)		379,196				3,992	11/15/2024	2
762010-AE-6	RFMSI 2006-S4 A5 PAC-11 AS 6.000% 04/25/36		03/01/2019	Paydown		102,445	109,024	71,548	60,098		45,977		45,977		106,076		(3,631)	(3,631)	1,119	04/25/2036	1FM
76541#-AA-0	RICHMOND VA STATUTORY TRUST-PF SR-SEC 5.500% 06/30/25		03/30/2019	Redemption	100.0000	78,169	78,169	78,169	78,169						78,169				718	06/30/2025	2PL
76716X-AA-0	RIO OIL FINANCE TRUST SR SEC 9.250% 07/06/24		01/06/2019	Redemption	100.0000	256,267	256,267	258,005	257,182		(915)		(915)		256,267				5,926	07/06/2024	4AM
772739-AJ-7	WESTROCK RKT LLC CO.GUARNT 4.450% 03/01/19		03/01/2019	Maturity		11,820,000	11,820,000	11,893,735	11,822,269		(2,269)		(2,269)		11,820,000				262,995	03/01/2019	2FE
77828#-AA-2	ROSS JUPITER ASSOCIATES-LLC-PH SR-SEC 7.450% 11/08/19		03/08/2019	Redemption	100.0000	122,280	122,280	122,280	122,280						122,280				1,521	11/08/2019	1
78404#-AA-4	SOP 2001PE LLC-PERKINELIMER INC SR-SEC 8.060% 11/30/22		03/30/2019	Redemption	100.0000	233,134	233,134	233,134	233,134						233,134				3,013	11/30/2022	2
78409#-AA-9	SDALLAS TX REALTY LLC-ALLSTATE SR-SEC 7.030% 01/01/25		03/10/2019	Redemption	100.0000	30,147	30,147	30,148	30,147						30,147				354	12/10/2024	1
78417#-AA-7	SFORT WORTH TX REALTY LLC-ALLS SR-SEC 7.030% 01/01/25		03/10/2019	Redemption	100.0000	26,254	26,254	26,254	26,254						26,254				308	12/10/2024	1
78445G-AD-5	SLMA 2008-8 A4 FLT 4.271% 04/25/23		01/25/2019	Paydown		4,213,534	4,213,534	4,213,534	4,213,534						4,213,534				42,963	04/25/2023	2AM
78473W-AF-0	STARW 2007-4 3A1 CSTR SSNR AS 4.296% 10/25/37		03/01/2019	Paydown		274,733	276,908	254,756	252,224		24,492		24,492		276,716		(1,982)	(1,982)	1,799	10/25/2037	1FM
78475#-AA-6	SPS AMARILLO TX LANDLORD LLC-X SR-SEC 3.593% 03/31/37		03/31/2019	Redemption	100.0000	233,803	233,803	233,803	233,803						233,803				1,404	03/31/2037	1
78480*-AA-3	SSMC II BORROWER LLC-GSA NOAA 4.020% 01/05/29		03/05/2019	Redemption	100.0000	450,770	450,770	450,770	450,770						450,770				3,024	01/05/2029	1PL
78482#-AA-9	SNHU-MANCHESTER NH CTL PT TR-S SR-SEC 5.411% 12/15/39		03/15/2019	Redemption	100.0000	32,462	32,462	32,624	32,618		(156)		(156)		32,462				293	12/15/2039	1FE
78616#-AA-8	SACRAMENTO FBI LEASE-BKD PT TR 4.370% 09/15/36		03/15/2019	Redemption	100.0000	242,081	242,081	242,081	242,081						242,081				1,765	09/15/2036	1
78825#-AA-3	ST CLAIR R/E-WALMART SR-SEC 7.660% 04/10/21		03/10/2019	Redemption	100.0000	195,789	195,789	195,789	195,789						195,789				2,386	04/10/2021	2
79466L-AF-1	SALESFORCE.COM INC SR UNSEC 3.700% 04/11/28		03/19/2019	MORGAN STANLEY & CO. INC		828,320	800,000	799,800	799,812		4		4		799,816		28,504	28,504	13,156	04/11/2028	1FE
79548K-XX-1	SBM7 1997-LB6 A5 SEQ AS 7.240% 12/25/27		03/01/2019	Paydown		1,774	1,774	1,672	1,765		9		9		1,774				21	12/25/2027	1FM
79548K-YA-0	SBM7 1997-LB6 B1 SUB NAS 7.000% 12/25/27		03/01/2019	Paydown		19,967	19,967	19,541	19,574		393		393		19,967				234	12/25/2027	1FM
79548K-ZH-4	SBM7 1998-A01 A5 SEQ AS 7.150% 06/25/28		03/01/2019	Paydown		21,541	21,541	21,538	21,516		24		24		21,541				240	06/25/2028	4FM
79550D-AD-1	SBM7 2001-1 MF1 MEZ STEP 5.671% 08/25/31		03/15/2019	Paydown		83,139	83,139	81,916	82,623		516		516		83,139				828	08/25/2031	1FM
79622#-AA-8	SAN ANTONIO SSA LEASE BKD PT T SR-SEC 4.650% 12/15/19		03/15/2019	Redemption	100.0000	160,693	160,693	160,693	160,693						160,693				1,247	12/15/2019	1
80483N-AA-5	SAVANNAH ECONOMIC DEV. AUTH-GU SR-SEC 3.780% 08/15/35		03/15/2019	Redemption	100.0000	314,733	314,733	314,733	314,733						314,733				1,985	08/15/2035	1
805564-LV-1	SAST 2002-2 AF6 STEP AFC NAS 6.120% 11/25/30		03/01/2019	Paydown		5,203	5,203	5,112	5,148		55		55		5,203				25	11/25/2030	1FM
805564-PA-3	SAST 2003-3 AF5 STEP AFC AS 4.701% 12/25/33		03/01/2019	Paydown		273,652	273,652	273,652	273,652						273,652				2,391	12/25/2033	1FM
80585#-AA-9	SBLUE ISLAND IL REALTY LLC-ALL SR-SEC 7.170% 04/01/25		03/10/2019	Redemption	100.0000	25,043	25,043	25,043	25,043						25,043				300	04/10/2023	1
80874Y-AM-2	SCIENTIFIC GAMES INTERNA CO.GUARNT 6.250% 09/01/20		03/12/2019	KEYBANC CAPITAL MARKETS		16,016,000	16,000,000	16,000,000	16,000,000						16,000,000		16,000	16,000	536,111	09/01/2020	5FE

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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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange 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 Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)	
813098-AA-8	SECAUCUS COMM MTG P-T TRUST C1 SR-SEC 5.843% 07/10/29		03/10/2019	Redemption	100.0000																	
81375W-BN-5	SABR 2004-0P2 M1 MEZ FLT STEP IRC 3.461% 08/25/34		03/25/2019	Paydown		173,855	173,855	180,036	176,730			(2,876)	(2,876)							1,696	07/10/2029	2
81375W-EF-9	SABR 2005-FR2 M2 MEZ FLT STEP 3.461% 03/25/35		03/25/2019	Paydown		78,505	78,505	67,792	70,031		8,474		8,474							157	08/25/2034	1FM
81375W-HJ-8	CBASS 2006-CB1 AF3 STEP AFC AS 3.342% 01/25/36		03/01/2019	Paydown		190,328	190,328	148,575	180,576		9,753		9,753							464	03/25/2035	1FM
81375W-HK-5	CBASS 2006-CB1 AF4 STEP AFC NAS 3.342% 01/25/36		03/01/2019	Paydown		81,921	81,921	60,466	62,503		19,419		19,419							479	01/25/2036	1FM
81519*-AA-2	SED-GRAY-LLC-WALGREEN SR-SEC 6.450% 06/15/28		03/15/2019	Redemption	100.0000															128	01/25/2036	1FM
816300-AH-0	SELECTIVE INSURANCE GROU SR UNSEC 5.375% 03/01/49		03/28/2019	MORGAN STANLEY & CO. INC.		47,646	47,646	47,646	47,646											513	06/15/2028	2
816851-AK-5	SEMPRA ENERGY SR UNSEC 9.800% 02/15/19		02/15/2019	Maturity		5,086,850	5,000,000	4,901,500	4,901,500		111		111		4,901,611		185,239	185,239	22,396	03/01/2049	2FE	
816851-AV-1	SEMPRA ENERGY SR UNSEC 3.550% 06/15/24		03/04/2019	Maturity		49,999,322	50,000,000	49,776,000	49,995,626		4,374		4,374		50,000,000				2,450,000	02/15/2019	2FE	
81744F-DB-0	SEMT 2004-7 B1 SUB FLT STEP AFC NAS 3.313% 08/20/34		02/20/2019	Paydown		10,848,030	11,100,000	11,067,588	11,080,930		561		561		11,081,491		(233,461)	(233,461)	88,661	06/15/2024	2FE	
81744F-DW-4	SEMT 2004-9 A2 FLT STEP AFC 3.288% 10/20/34		01/28/2019	PIPER JAFFRAY & CO		236,029	236,029	224,522	224,705		11,324		11,324		236,029				1,003	08/20/2034	1FM	
81744N-AA-8	SEMT 2012-6 A1 CSTR AFC 2.500% 12/25/42		03/01/2019	Paydown		2,704	2,704	2,762	2,758		(54)		(54)		2,704		2	2	13	12/25/2042	1FM	
81783R-AA-1	SFFIN 2013-1A A SEQ 3.980% 01/25/44		01/25/2019	Paydown		406,580	406,580	406,580	406,580						406,580				4,045	01/25/2044	1FE	
82652K-AB-0	SRFC 2017-1A B SUB 3.200% 03/20/34		03/20/2019	Paydown		712,736	712,736	712,625	712,736		112		112		3,494				3,494	03/20/2034	2AM	
82652X-AB-2	SRFC 2016-1A B SUB 3.670% 03/21/33		03/20/2019	Paydown		233,891	233,891	233,838	233,857		34		34		233,891				1,364	03/21/2033	2AM	
82653G-AD-4	SRFC 2018-3A D SUB 5.200% 09/20/35		03/20/2019	Paydown		767,874	767,874	767,866	767,864		10		10		767,874				6,320	09/20/2035	3AM	
82817*-AA-9	SILVER SPRING METRO CENTER III A1-SR-SEC 3.810% 12/05/28		03/05/2019	Redemption	100.0000															1,454	12/05/2028	1
82817B-AA-7	SILVER SPRING METRO CENTER IV- A1-SR-SEC 3.890% 12/05/28		03/05/2019	Redemption	100.0000															259	12/05/2028	1
82922T-AA-7	SINAI HEALTH SYSTEM SECURED 3.034% 01/20/36		01/22/2019	Call	100.0000																	
83001B-AA-1	65 GREEN MOUNTAIN ROAD REALTY SR-SEC 4.310% 12/31/36		03/10/2019	Redemption	100.0000															13,046	01/20/2036	1FE
83133B-AA-0	SLEWISVILLE TX REALTY LP-ALLST SR-SEC 7.220% 04/01/25		03/10/2019	Redemption	100.0000															1,146	12/31/2036	1
83416N-AA-1	SOCTY 2016-A A SEQ 4.800% 09/20/48		03/20/2019	Paydown		29,794	29,794	29,794	29,794						29,794				359	03/10/2025	1	
83417B-AA-6	SOCTY 2013-1 A SEQ 4.800% 11/20/38		03/20/2019	Paydown		206,275	206,275	196,407	196,444		9,831		9,831		206,275				4,951	09/20/2048	1AM	
83417E-AA-0	SOCTY 2014-1 A SEQ 4.590% 04/20/44		03/20/2019	Paydown		225,272	225,272	233,824	232,522		(7,250)		(7,250)		1,871				1,871	11/20/2038	3AM	
83417F-AA-7	SOCTY 2014-2 A SEQ 4.020% 07/20/44		01/20/2019	Paydown		241,681	241,681	248,256	245,071		(3,390)		(3,390)		241,681				1,884	04/20/2044	3AM	
83546D-AD-0	SONIC 2016-1A A2 SEQ 4.472% 05/20/46		03/20/2019	Paydown		928,820	928,820	928,453	926,493		2,327		2,327		928,820				18,669	07/20/2044	2AM	
83546D-AF-5	SONIC 2018-1A A2 SEQ 4.026% 02/20/48		03/20/2019	Paydown		40,000	40,000	40,000	40,000						40,000				298	05/20/2046	2AM	
837004-CF-5	SOUTH CAROLINA ELEC&GAS 1ST MORTG 4.350% 02/01/42		03/06/2019	TENDER SALE		33,750	33,750	33,628	33,638		112		112		33,750				227	02/20/2048	2AM	
837004-CK-4	SOUTH CAROLINA ELEC&GAS 1ST MORTG 4.100% 06/15/46		02/26/2019	TENDER SALE		5,196,739	5,160,000	4,832,392	4,859,078						4,859,078		337,661	337,661	134,053	02/01/2042	1FE	
84055*-AA-6	SOUTH TEXAS ELECTRIC COOP-INC. B-SR-SEC 5.410% 01/01/28		01/01/2019	Redemption	100.0000															94,608	06/15/2046	1FE
84055*-AE-8	SOUTH TEXAS ELECTRIC COOP-INC. 2018A-SR-SEC 4.160% 08/15/48		02/15/2019	Redemption	100.0000															79,559	01/01/2028	1
841215-AA-4	SOUTHAVEN COMBINED CYCLE GENER A-SR-SEC 3.846% 08/15/33		02/15/2019	Redemption	100.0000															5,200	08/15/2048	1
843590-BL-3	SPSAC 1997-2 A4 SEQ AS 7.450% 05/25/27		03/01/2019	Paydown		854,798	854,798	854,798	854,798						854,798				16,438	08/15/2033	1FE	
84473B-AB-6	SOUTHTRUST CORP SOUTHTRUST MOBILE SERVICES 7.590% 12/31/26		02/25/2019	Paydown		22,336	22,336	22,336	22,336						22,336				382	05/25/2027	1FM	
84474Y-AA-4	SII AIRLINES 07-1 TRUST PT CERTS 6.150% 08/01/22		02/01/2019	Paydown		172,540	172,540	171,660	172,380		160		160		172,540				1,256	12/31/2026	1FE	
84604C-AE-7	SBHEL 2000-1 A5 SEQ AS 7.710% 12/25/30		03/01/2019	Paydown		260,789	260,789	260,789	260,789						260,789				8,019	08/01/2022	1FE	
						30,686	30,686	16,216	17,346		13,340		13,340		30,686				290	12/25/2030	4FM	

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										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
84751P-AX-7	SURF 2003-BC3 M1 MEZ FLT STEP IRC 3.461% 08/25/34		03/25/2019	Paydown		53,868	53,868	51,411	51,975		1,894		1,894		53,868				294	08/25/2034	1FM
847630-AA-7	SPECTRUM HEALTH SYS AND SPECTR SR-UNSEC 3.500% 01/15/30		01/15/2019	Redemption	100.0000	2,905,000	2,905,000	2,905,000	2,905,000						2,905,000				50,838	01/15/2030	1Z
84860*-AB-9	SPIRITS NEWCO LLC A-SR-SEC 3.850% 03/31/33		03/31/2019	Redemption	100.0000	114,419	114,419	114,419	114,419						114,419				1,101	03/31/2033	2FE
848609-AA-1	SPIRITS OF ST LOUIS BASKETBALL SR 5.300% 03/29/33		03/30/2019	Redemption	100.0000	65,928	65,928	66,027	66,003		(76)		(76)		65,928				295	03/29/2033	2FE
84862#-AA-5	SPLANO TX REALTY LTD PTNSP-ALL SR-SEC 7.130% 03/01/25		03/10/2019	Redemption	100.0000	31,533	31,533	31,533	31,533						31,533				375	02/10/2025	1
85022W-AA-2	SCFT 2016-AA A SEQ 3.050% 04/25/29		03/25/2019	Paydown		730,329	730,329	730,301	730,306		24		24		730,329				3,768	04/25/2029	1FE
85136#-AA-2	SPRINGFIELD SSA LEASE-BKD PT T SR-SEC 4.000% 06/15/22		03/15/2019	Redemption	100.0000	57,722	57,722	57,722	57,722						57,722				385	06/15/2022	1
852340-AA-5	ST. CHARLES HEALTH SYS-INC. SR-SEC 4.420% 01/01/38		01/01/2019	Redemption	100.0000	1,876,522	1,876,522	1,876,522	1,876,522						1,876,522				41,471	01/01/2038	1
855541-AD-0	STARM 2007-S1 4A1 CSTR SSNR AS 4.771% 01/25/37		03/01/2019	Paydown		307,040	307,040	276,509	282,502		24,538		24,538		307,040				2,884	01/25/2037	1FM
85572R-AA-7	STARR 2018-1 A SEQ 4.089% 05/15/43		03/15/2019	Paydown		1,659,968	1,659,968	1,644,629	1,645,702		14,266		14,266		1,659,968				11,281	05/15/2043	1FE
858271-A*-0	STEELRIVER TRANSMISSION CO LLC 3.820% 06/30/47		03/31/2019	Redemption	100.0000	388,469	388,469	388,469	388,469						388,469				3,710	06/30/2047	2FE
85839#-AA-1	STERLING-MADISON HEIGHTS MI-LL SR-SEC 5.660% 09/30/25		03/15/2019	Redemption	100.0000	32,653	32,653	32,653	32,653						32,653				306	09/15/2025	1
859510-AA-6	STERLING-SARASOTA FL-LLC-ALLST SR-SEC 7.220% 07/10/25		03/10/2019	Redemption	100.0000	31,766	31,766	31,766	31,766						31,766				383	07/10/2025	1
85962#-AA-1	STERLING-THORNTON CO-LLC-ALLST SR-SEC 7.220% 04/01/25		03/10/2019	Redemption	100.0000	33,884	33,884	33,884	33,884						33,884				409	03/10/2025	1
86336D-AA-3	PROW 2004-1A A SEQ 7.450% 04/20/24		01/20/2019	Paydown		667,057	667,057	667,057	667,057						667,057				12,424	04/20/2024	2AM
863579-DQ-8	SARM 2004-17 A1 CSTR AS 3.019% 11/25/34		03/01/2019	Paydown		26,867	26,867	23,946	24,105		2,763		2,763		26,867				131	11/25/2034	1FM
863579-Q4-3	SARM 2006-1 6A1 CSTR PT SSNR AS 4.213% 02/25/36		03/01/2019	Paydown		108,238	108,206	54,009	40,286		67,941		67,941		108,226		12	12	979	02/25/2036	1FM
86358E-GW-0	SAIL 2004-2 A4 FLT STEP 3.191% 03/25/34		03/25/2019	Paydown		218,044	218,044	199,790	205,534		12,509		12,509		218,044				1,414	03/25/2034	1FM
86358E-PQ-3	SAIL 2004-11 M1 MEZ FLT STEP IRC 3.416% 01/25/35		03/25/2019	Paydown		343,086	343,086	296,179	318,662		24,423		24,423		343,086				2,141	01/25/2035	1FM
86358E-WX-0	SAIL 2005-HE3 M1 MEZ FLT STEP 3.219% 09/25/35		03/25/2019	Paydown		392,393	392,393	343,344	363,050		29,343		29,343		392,393				1,748	09/25/2035	1FM
86358H-NF-2	SAMI 2002-3 CC CPT 9.211% 07/28/28		03/01/2019	Paydown		19	19	19	19		19		19		19					07/28/2028	1FM
86358R-XZ-5	SASC 2002-AL1 A3 AS CPT SEQ 3.450% 02/25/32		03/01/2019	Paydown		14,506	14,506	13,564	13,626		881		881		14,506				88	02/25/2032	5AM
86359B-2E-0	SASC 2005-2XS 1A4 STEP AFC AS 5.860% 02/25/35		03/01/2019	Paydown		1,824,438	1,824,438	1,823,583	1,824,438						1,824,438				11,308	02/25/2035	1FM
86359B-2H-3	SASC 2005-2XS 2A1 XRESET FTV FLT DL 2.989% 02/25/35		03/01/2019	Paydown		41,337	41,337	41,337	41,337						41,337				148	02/25/2035	1FM
86359B-4V-0	SASC 2005-4XS 1A4B STEP AFC AS 5.750% 03/25/35		03/01/2019	Paydown		456,679	456,679	412,951	423,744		32,935		32,935		456,679				3,892	03/25/2035	1FM
86359B-5H-0	SASC 2005-4XS 3A5 STEP AFC AS 5.340% 03/25/35		03/01/2019	Paydown		243,209	243,209	243,057	242,792		417		417		243,209				1,952	03/25/2035	1FM
86359B-7H-8	SASC 2005-7XS 1A3 STEP AFC AS 5.540% 04/25/35		03/01/2019	Paydown		361,097	361,097	361,041	360,435		662		662		361,097				3,171	04/25/2035	1FM
86359D-EM-5	SASC 2005-9XS 1A3A STEP AFC AS 5.750% 06/25/35		03/01/2019	Paydown		194,853	194,853	194,792	194,477		376		376		194,853				1,539	06/25/2035	1FM
86359D-MX-2	LXS 2005-2 2A3A STEP AFC AS 5.290% 08/25/35		03/01/2019	Paydown		1,311,627	1,311,627	1,141,086	1,183,411		128,216		128,216		1,311,627				7,317	08/25/2035	1FM
86359D-QL-4	SASC 2005-16 1A2 SEQ SSNR AS 5.500% 09/25/35		03/01/2019	Paydown		37,617	37,633	33,616	31,125		6,506		6,506		37,630		(14)	(14)	338	09/25/2035	1FM
86359L-GN-3	SAMI 2004-AR8 M MEZ FLT STEP AFC 3.157% 05/19/35		03/19/2019	Paydown		77,392	77,392	67,911	68,559		8,833		8,833		77,392				355	05/19/2035	1FM

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										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
..86364M-AD-2	SAMI 2007-AR4 A4A FLT STEP SSNR AS 2.666% 09/25/47		03/25/2019	Paydown		158,202	158,202	126,957	129,070		29,132		29,132		158,202				750	09/25/2047	1FM
..87222P-AE-3	TBW 2006-6 A4 STEP AFC IRC AS 5.920%		01/25/37	Paydown		317,883	317,883	90,493	90,146		227,737		227,737		317,883				2,178	01/25/2037	1FM
..87342R-AB-0	BELL 2016-1A A211 SEQ 4.377% 05/25/46		02/25/2019	Paydown		91,250	91,250	91,250	91,250						91,250				999	05/25/2046	2AM
..87342R-AD-6	BELL 2018-1A A211 SEQ 4.318% 11/25/48		02/25/2019	Paydown		72,750	72,750	72,750	72,750						72,750				759	11/25/2048	2AM
..87342R-AE-4	BELL 2018-1A A211 SEQ 4.940% 11/25/48		02/25/2019	Paydown		122,500	122,500	122,500	122,500						122,500				1,462	11/25/2048	2AM
..87677Q-AA-9	TXEZ 2016-1A A SEQ 3.131% 06/15/28		03/15/2019	Paydown		664,928	664,928	664,928	664,928		5		5		664,928				4,055	06/15/2028	1FE
..87677Q-AB-7	TXEZ 2016-1A B SUB 4.575% 06/15/28		03/15/2019	Paydown		205,198	205,198	204,566	204,740		458		458		205,198				2,106	06/15/2028	1FE
..878091-AN-7	TIAA 2001-C1A X 10 CSTR NTL 4.447% 06/17/33		03/01/2019	Paydown				34,491	8,852		(72)		(72)		8,780		(8,780)	(8,780)	6,649	06/17/2033	6*
..88017#-AA-0	TEMPLE TX STATUTORY TRUST-PFG SR-SEC 5.500% 06/30/25		03/30/2019	Redemption	100.0000		73,271	73,271	73,271						73,271				673	06/30/2025	2PL
..88104#-AA-4	TERRAFORM UTILITY SOLAR XIX HL SR-UNSEC 4.590% 08/31/40		03/31/2019	Redemption	100.0000		25,330	25,330	25,330						25,330				291	08/31/2040	3
..88104#-AA-6	TERRAFORM FALCON 1-LLC 4.640% 12/31/32		03/30/2019	Redemption	100.0000		591,570	591,570	591,570						591,570				6,786	12/31/2032	2Z
..881561-2F-0	TITS 2006-5 1A2B FLT STEP IRC 2.709%		03/25/2019	Paydown		192,779	192,779	167,431	177,144		15,636		15,636		192,779				1,303	07/25/2037	1FM
..88159T-AA-8	TES 2017-2A A SEQ 4.120% 02/20/48		02/20/2019	Paydown		198,977	198,977	198,964	198,977		31		31		198,977				4,099	02/20/2048	1FE
..885220-EE-9	TMST 2003-5 4A CSTR PT AS 4.255% 10/25/43		03/01/2019	Paydown		239,549	239,549	237,949	237,965		1,584		1,584		239,549				981	10/25/2043	1FM
..88522E-AC-7	TMST 2007-1 A2B MR FLT CMLX AFC IR 4.094%		03/25/2019	Paydown		191,733	192,753	149,446	145,593		46,908		46,908		192,501		(768)	(768)	1,316	03/25/2037	1FM
..88576V-AA-8	HENDR 2008-3A A1 SEQ 8.000% 06/15/45		03/15/2019	Paydown		16,273	16,273	21,337	20,748		(4,476)		(4,476)		16,273				243	06/15/2045	1FE
..88576X-AA-4	HENDR 2010-1A A SEQ 5.560% 07/15/59		03/15/2019	Paydown		65,806	65,806	76,229	75,546		(9,740)		(9,740)		65,806				625	07/15/2059	1FE
..886313-AE-5	TIAA CHURCHILL MIDDLE MARKET C SUB NOTE-CLO 1 0.000% 10/20/28		01/31/2019	Various		877,141	877,141	877,141	877,141						877,141				794,858	10/20/2028	6*
..886313-AE-5	TIAA CHURCHILL MIDDLE MARKET C SUB NOTE-CLO 1 0.000% 10/20/28		01/31/2019	Capital Distribution		(534,918)	(534,918)	(534,918)	(877,141)						(534,918)					10/20/2028	6*
..886314-AE-3	TIAA CHURCHILL MIDDLE MARKET C CLO II SUB NOTES-UNSEC 13.553% 01/24/30		01/31/2019	Capital Distribution		877,141	877,141	877,141	877,141						877,141					12/14/2037	6*
..89054X-AB-1	TOPAZ SOLAR FARMS LLC SR SEC 4.875%		03/30/2019	Redemption	100.0000		113,477	113,477	113,477						113,477				2,766	09/30/2039	5FE
..89054X-AB-1	TRANSPORTATION INSIGHT-LLC SR-UNSEC 11.000%		03/30/2019	Redemption	100.0000		113,477	113,477	113,477						113,477				2,766	09/30/2039	5FE
..89389D-A*6	TRINITY PT 1 LTD-WALMART SR-SEC 7.010%		02/07/2019	Redemption	100.0000		3,042,687	3,099,252	3,040,502		411		411		3,043,454		(767)	(767)	37,659	08/30/2025	5
..89655#-AA-5	TRINITY PT 2 LTD-WALMART SR-SEC 7.090%		03/15/20	Redemption	100.0000		323,840	323,840	323,840						323,840				3,791	03/15/2020	2
..89655#-AA-7	TRINITY PT 2 LTD-WALMART SR-SEC 7.090%		03/15/20	Redemption	100.0000		192,040	192,040	192,040						192,040				2,274	07/15/2020	2
..89679H-AA-3	TCF 2017-1A A SEQ 3.520% 06/20/42		03/20/2019	Paydown		250,855	250,855	250,810	250,813		42		42		250,855				1,426	06/20/2042	1FE
..89679H-AE-5	TCF 2017-2A A SEQ 3.620% 08/20/42		03/20/2019	Paydown		341,780	341,780	341,740	341,743		37		37		341,780				2,011	08/20/2042	1FE
..89679H-AJ-4	TCF 2018-1A A SEQ 3.950% 03/20/43		03/20/2019	Paydown		375,000	375,000	374,929	374,930		70		70		375,000				2,469	03/20/2043	1FE
..90131H-AE-5	21ST CENTURY FOX AMERICA CO. GUARNT 3.700%		03/20/2019	Taxable Exchange		7,003,438	6,800,000	6,797,297	6,798,440		53		53		6,798,493		204,945	204,945	127,547	09/15/2024	2FE
..90131H-AP-0	21ST CENTURY FOX AMERICA CO. GUARNT 5.650%		08/15/20	Taxable Exchange		58,226,457	56,000,000	56,537,385	56,104,843		(13,289)		(13,289)		56,091,554		2,134,903	2,134,903	1,582,000	08/15/2020	2FE
..90131H-AR-6	21ST CENTURY FOX AMERICA CO. GUARNT 3.000%		03/20/2019	Taxable Exchange		20,193,312	20,000,000	20,125,535	20,052,421		(2,887)		(2,887)		20,049,534		143,778	143,778	300,000	09/15/2022	2FE
..90131H-AY-1	21ST CENTURY FOX AMERICA CO. GUARNT 7.430%		03/20/2019	Taxable Exchange		8,786,955	7,000,000	7,000,000	7,000,000						7,000,000		1,786,955	1,786,955		10/01/2026	2FE
..90131H-AZ-8	21ST CENTURY FOX AMERICA CO. GUARNT 7.125%		03/20/2019	Taxable Exchange		19,018,427	14,984,000	16,070,229	15,596,490		(10,439)		(10,439)		15,586,052		3,432,375	3,432,375		04/08/2028	2FE
..90131H-BD-6	21ST CENTURY FOX AMERICA CO. GUARNT 6.550%		03/20/2019	Taxable Exchange		27,309,866	21,000,000	21,180,956	21,127,712		(1,195)		(1,195)		21,126,517		6,183,349	6,183,349	688,906	03/15/2033	2FE
..90131H-BF-1	21ST CENTURY FOX AMERICA CO. GUARNT 6.200%		03/20/2019	Taxable Exchange		91,339,418	72,000,000	72,630,440	72,471,033		(3,876)		(3,876)		72,467,157		18,872,261	18,872,261	52,683	12/15/2034	2FE

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
90131H-BG-9	21ST CENTURY FOX AMERICA CO.GUARNT 6.400% 12/15/35		03/20/2019	Taxable Exchange		10,275,720	8,000,000	8,007,130	8,005,525		(40)		(40)		8,005,485		2,270,235	2,270,235		12/15/2035	2FE
90131H-BK-0	21ST CENTURY FOX AMERICA CO.GUARNT 6.150% 03/01/37		03/20/2019	Taxable Exchange		25,591,292	20,000,000	20,232,395	20,186,588		(1,223)		(1,223)		20,185,365		5,405,927	5,405,927	679,917	03/01/2037	2FE
90131H-BW-4	21ST CENTURY FOX AMERICA CO.GUARNT 3.700% 10/15/25		03/20/2019	Taxable Exchange		10,091,325	9,800,000	9,776,998	9,783,416		461		461		9,783,877		307,448	307,448	78,060	10/15/2025	2FE
90131H-CB-9	21ST CENTURY FOX AMERICA CO.GUARNT 3.375% 11/15/26		03/20/2019	Taxable Exchange		5,736,614	5,675,000	5,664,359	5,666,200		211		211		5,666,412		70,202	70,202	66,504	11/15/2026	2FE
90184*-AA-7	209-215 DRYDEN CTL PASS THRU T 3.900% 07/15/47		03/15/2019	Redemption 100.0000		138,829	138,829	138,829	138,829						138,829				1,128	07/15/2047	1
90184*-AA-7	209-215 DRYDEN CTL PASS THRU T 3.900% 07/15/47		01/15/2019	Redemption 100.0000		69,078	69,078	69,078	69,078						69,078				225	07/15/2047	1Z
901857-AB-8	2 BROADWAY LLC-MTA-NYCTA-TBTA MBTA-SEC 8.310% 09/15/29		03/15/2019	Redemption 100.0000		687,088	687,088	687,088	687,088						687,088				28,548	09/15/2029	1
90226#-AA-3	2014 REPLACEMENT POWER STATUTO A-SR-SEC 3.850% 05/31/29		03/28/2019	Redemption 100.0000		687,662	687,662	687,662	687,662						687,662				2,961	05/28/2029	1FE
90310#-AB-8	UNLV STUDENT HOUSING PHASE I-L 5.500% 08/15/54		01/25/2019	Redemption 100.0000		803,305	803,305	803,305	768,270						803,305				3,521	08/15/2054	2FE
90362*-AA-1	UCONN LEASED BACK TRUST-UCONN SR-SEC 4.809% 03/15/40		03/15/2019	Redemption 100.0000		1,264,673	1,264,673	1,264,673	1,264,673						1,264,673				10,150	03/15/2040	1
904764-AK-3	UNILEVER CAPITAL CORP CO.GUARNT 4.800% 02/15/19		02/15/2019	Maturity		31,000,000	31,000,000	30,968,070	30,999,518		482		482		31,000,000				744,000	02/15/2019	1FE
906548-CG-5	UNION ELECTRIC CO SR SEC 6.700% 02/01/19		02/01/2019	Maturity		10,000,000	10,000,000	9,970,700	9,999,698		302		302		10,000,000				335,000	02/01/2019	1FE
907818-DB-1	UNION PACIFIC CORP SR UNSEC 7.875% 01/15/19		01/15/2019	Maturity		5,000,000	5,000,000	4,990,850	4,999,947		53		53		5,000,000				196,875	01/15/2019	1FE
908594-AB-0	UNION TANK CAR CO INC SR-UNSEC 5.640% 06/01/19		03/29/2019	Redemption 100.0000		3,181,818	3,181,818	3,181,818	3,181,818						3,181,818				73,652	06/01/2019	1FE
908594-AC-8	UNION TANK CAR CO INC SR-UNSEC 4.710% 05/15/20		03/29/2019	Redemption 100.0000		3,636,364	3,636,364	3,636,364	3,636,364						3,636,364				104,404	05/15/2020	1FE
91159H-HC-7	US BANCORP SR UNSEC 3.000% 03/15/22		03/22/2019	Various		13,213,619	13,125,000	13,115,813	13,121,806		218		218		13,122,024		91,595	91,595	208,073	03/15/2022	1FE
91324P-CB-6	UNITEDHEALTH GROUP INC SR UNSEC 1.625% 03/15/19		03/15/2019	Maturity		703,000	703,000	702,546	702,983		17		17		703,000				5,712	03/15/2019	1FE
91741*-AV-5	PHH MTCG SERVICES CORP PHH 1988-3 9.338% 09/15/19		03/15/2019	Paydown		943	943	943	943		943		943		943				3	09/15/2019	6*
91826#-AA-5	VA TAL CTL TR SER A-1-VA TALLA 3.500% 07/15/36		03/15/2019	Redemption 100.0000		501,647	501,647	501,647	501,647						501,647				2,887	07/15/2036	1
91845#-AA-2	VZ-SENIOR NOTE CTL PT TRUST SR SECURED 3.810% 05/15/35		03/15/2019	Redemption 100.0000		661,594	661,594	661,594	661,594						661,594				4,208	05/15/2035	2
91851@-AA-5	VA-MONTEREY-CA CTL PT TRUST-VA A1-SR-SEC 4.270% 02/15/37		03/15/2019	Redemption 100.0000		271,714	271,714	271,714	271,714						271,714				1,914	02/15/2037	1
91853*-AA-5	VA BIRMINGHAM LEASE FINANCE TR 4.740% 10/15/35		03/15/2019	Redemption 100.0000		110,141	110,141	110,141	110,141						110,141				871	10/15/2035	1
91853@-AB-1	VA EUGENE LEASE FINANCE TRUST- 4.490% 12/15/35		03/15/2019	Redemption 100.0000		181,354	181,354	181,354	181,354						181,354				1,359	12/15/2035	1
91854*-AA-4	VZ-IRVING-TX-SENIOR NOTE CTL 3.620% 08/15/36		03/15/2019	Redemption 100.0000		227,865	227,865	227,865	227,865						227,865				1,376	08/15/2036	2
91912@-AA-2	PERENNIAL FEE INVESTORS-L.L.C. SR-SEC 4.535% 04/15/46		03/15/2019	Redemption 100.0000		25,007	25,007	25,007	25,007						25,007				189	04/15/2046	1PL
91927#-AA-3	VALLEY 2016 LEASE TRUST-VALLEY 4.030% 02/18/43		03/03/2019	Redemption 100.0000		33,326	33,326	33,326	33,326						33,326				222	02/18/2043	1
92047W-AB-7	VALVOLINE INC CO.GUARNT 4.375% 08/15/25		02/13/2019	GOLDMAN SACHS & COMPANY		3,747,500	4,000,000	4,000,000	4,000,000						4,000,000		(252,500)	(252,500)	87,257	08/15/2025	3FE
92047W-AC-5	VALVOLINE INC CO.GUARNT 5.500% 07/15/24		02/14/2019	GOLDMAN SACHS & COMPANY		3,979,000	4,000,000	4,057,139	4,045,381		(1,572)		(1,572)		4,043,808		(64,808)	(64,808)	129,311	07/15/2024	3FE
92211W-AA-9	VANTIV LLC/ISSUER CORP CO.GUARNT 4.375% 11/15/25		03/19/2019	MORGAN STANLEY & CO. INC.		16,995,000	16,500,000	16,575,000	16,560,177		(3,144)		(3,144)		16,557,033		437,967	437,967	252,656	11/15/2025	4FE

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										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange 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 Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
92239M-C8-8	VECTREN UTILITY HLDGS-INC SR-UNSEC 3.720% 12/05/23		02/01/2019	Redemption 100.0000		31,000,000	31,000,000	31,000,000	31,000,000						31,000,000				182,590	12/05/2023	1
92239M-E*-8	VECTREN UTILITY HLDGS-INC SR-UNSEC 3.930% 11/29/47		02/01/2019	Redemption 100.0000		25,000,000	25,000,000	25,000,000	25,000,000						25,000,000				171,938	11/29/2047	1
92240@-AJ-4	VECTREN CAPITAL-CORP. C-SR-UNSEC 7.300% 03/10/19		03/10/2019	Maturity		14,000,000	14,000,000	14,000,000	14,000,000						14,000,000				511,000	03/10/2019	1
92276M-20-4	VENTAS REALTY LP / VENTAS CAPI VENTAS REALTY LP/CAP CRP 5.45 5.450% 03/15/43		01/03/2019	Various		2,506,813	100,000	2,460,000	2,460,000						2,460,000		46,813	46,813		03/15/2043	2FE
92550@-AA-7	RONKONKOMA REALTY VENTURE I-LL SR-SEC 6.450% 08/31/23		03/15/2019	Redemption		364,608	364,608	364,608	364,608						364,608				3,927	08/15/2023	1
92922F-3J-5	WAMU 2005-AR12 1A4 CSTR SSNR AS 4.016% 10/25/35		03/01/2019	Paydown		56,734	56,734	27,573	12,969		43,766		43,766		56,734				291	10/25/2035	1FM
92922F-5U-8	WAMU 2005-AR15 A1A2 FLT STEP AFC IR 2.766% 11/25/45		03/25/2019	Paydown		488,588	488,588	457,306	457,547		31,040		31,040		488,588				2,439	11/25/2045	1FM
92922F-5W-4	WAMU 2005-AR15 A1B2 FLT STEP AFC IR 2.896% 11/25/45		03/25/2019	Paydown		761,011	761,011	691,949	700,682		60,329		60,329		761,011				3,976	11/25/2045	1FM
92922F-5X-2	WAMU 2005-AR15 A1B3 FLT STEP AFC IR 2.826% 11/25/45		03/25/2019	Paydown		428,014	428,014	386,772	391,369		36,645		36,645		428,014				2,182	11/25/2045	1FM
92922F-6Z-6	WAMU 2005-AR16 1A4A CSTR SSNR AS 4.256% 12/25/35		03/01/2019	Paydown		894,656	894,656	815,678	787,765		106,892		106,892		894,656				4,873	12/25/2035	1FM
92922F-G7-7	WAMU 2005-AR4 A5 CSTR AS 3.934% 04/25/35		03/01/2019	Paydown		330,841	330,841	246,636	201,210		129,631		129,631		330,841				2,928	04/25/2035	1FM
92922F-GN-2	WAMU 2003-S11 1A SEQ AS 5.000% 11/25/33		03/01/2019	Paydown		43,774	43,774	40,532	40,717		3,057		3,057		43,774				450	11/25/2033	1FM
92922F-J4-1	WAMU 2005-AP6 2AB2 FLT STEP AFC SSU 3.226% 04/25/45		03/25/2019	Paydown		690,449	690,449	645,585	682,595		7,853		7,853		690,449				4,161	04/25/2045	1FM
92922F-JV-1	WAMU 2003-S13 11A2 SEQ AS 5.250% 01/25/34		03/01/2019	Paydown		4,245	4,245	4,107	4,111		134		134		4,245				37	01/25/2034	1FM
92922F-JZ-2	WAMU 2003-S13 12A4 SEQ AS 5.500% 01/25/34		03/01/2019	Paydown		192,352	192,352	189,724	189,784		2,567		2,567		192,352				2,503	01/25/2034	1FM
92922F-Q5-0	WAMU 2005-AR7 A4 CSTR AS 4.102% 08/25/35		03/01/2019	Paydown		479,480	479,480	470,110	470,297		9,182		9,182		479,480				3,479	08/25/2035	1FM
92922F-U8-9	WAMU 2005-AR9 A1C3 FLT STEP AFC SSU 3.446% 07/25/45		03/25/2019	Paydown		59,388	59,388	54,192	54,580		4,808		4,808		59,388				412	07/25/2045	1FM
92922F-VB-1	WAMU 2004-S3 2A6 Z SSNR AS 5.500% 07/25/34		03/25/2019	Paydown		251,172	251,172	234,846	243,369		7,803		7,803		251,172				2,299	07/25/2034	1FM
92922F-VC-9	WAMU 2004-S3 2A7 SSNR NAS 5.500% 07/25/34		03/25/2019	Paydown		103,146	103,146	99,653	99,715		3,431		3,431		103,146				944	07/25/2034	1FM
92925C-BH-4	WAMU 2005-AR19 A1C3 FLT STEP AFC IR 2.986% 12/25/45		03/25/2019	Paydown		264,414	264,414	238,620	240,786		23,628		23,628		264,414				1,556	12/25/2045	1FM
92925C-CC-4	WAMU 2006-AR1 1A1A FLT DLY AFC SSNR 3.515% 01/25/46		03/01/2019	Paydown		250,611	250,611	217,170	219,349		31,263		31,263		250,611				1,611	01/25/2046	1FM
92925V-AA-8	WAMU 2007-HY1 1A1 CSTR SSNR AS 3.898% 02/25/37		03/01/2019	Paydown		192,483	204,507	115,867	99,578		98,766		98,766		198,344		(5,860)	(5,860)	1,416	02/25/2037	1FM
9292J@-AA-0	CTL PASS THUR TR-WESTERN MICH SR-SEC 3.590% 03/15/31		03/15/2019	Redemption 100.0000		117,114	117,114	117,114	117,114						117,114				701	03/15/2031	1
92971*-AA-0	WCC-ORLANDO FL-SR NT GROUND L SR-SEC 5.223% 10/15/53		03/15/2019	Redemption 100.0000		38,461	38,461	38,461	38,461						38,461				335	10/15/2053	1FE
929755-AA-4	WACHN 2006-N1 N1 SC 5.683% 08/12/47		03/12/2019	Paydown		176,431	176,431	167,110	172,322		4,109		4,109		176,431				2,463	08/12/2047	1FM
929766-KS-1	WBCMT 2003-C7 G SUB CSTR 6.107% 10/15/35		03/01/2019	Paydown		157,182	157,182	154,601	156,757		425		425		157,182				1,615	10/15/2035	1FM
929766-SM-6	WBCMT 2004-C12 G SUB CSTR 5.456% 07/15/41		03/01/2019	Paydown		2,946,831	2,946,831	2,823,778	2,940,401		6,430		6,430		2,946,831				26,903	07/15/2041	1FM
92977Y-BQ-3	WMLT 2005-B 3A1 CSTR SSNR AS 4.696% 10/20/35		03/01/2019	Paydown		227,065	227,065	77,716	78,903		148,163		148,163		227,065				1,299	10/20/2035	1FM
92978Q-AR-8	WBCMT 2007-C30 G SUB AFC 5.682% 12/15/43		03/01/2019	Paydown			(148,429)													12/15/2043	1FM
93121@-AA-5	WAL-MART ESCONDIDO PT TRUST-WA SR-SEC 5.000% 12/10/32		03/10/2019	Redemption 100.0000		70,632	70,632	70,632	70,632						70,632				589	12/10/2032	1
931422-AE-9	WALGREEN CO CO GUARNT 5.250% 01/15/19		01/15/2019	Maturity		4,962,000	4,962,000	4,936,049	4,961,875		125		125		4,962,000				130,253	01/15/2019	2FE
93143@-AA-9	WELLS FARGO BK NW-N.A.-WAG-ERII SR-SEC 5.632% 05/15/32		03/15/2019	Redemption 100.0000		86,276	86,276	86,276	86,276						86,276				846	05/15/2032	2
93144#-AA-6	WELLS FARGO BK NW-N.A.-INDIANA SR-SEC 5.900% 11/15/31		03/15/2019	Redemption 100.0000		45,132	45,132	46,099	45,709		(577)		(577)		45,132				445	11/15/2031	2
933634-AA-5	WAMU 2007-HY3 1A1 CSTR SSNR AS 3.867% 03/25/37		03/01/2019	Paydown		87,982	90,194	46,806	32,440		56,326		56,326		88,766		(784)	(784)	511	03/25/2037	1FM

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
933634-AJ-6	WAMU 2007-HY3 4A1 CSTR SSNR AS 4.090%		03/01/2019	Paydown		265,399	273,732	260,046	260,721		12,616		12,616		273,337		(7,938)	(7,938)	1,733	03/25/2037	1FM
933638-AB-4	WAMU 2006-AR19 1A1A FLT DLY SSNR AS 3.175%		03/01/2019	Paydown		49,390	49,390	44,513	44,691		4,699		4,699		49,390				239	01/25/2047	1FM
933638-AD-0	WAMU 2006-AR19 2A FLT DLY SSNR AS 2.375%		03/01/2019	Paydown		133,788	133,788	126,303	126,449		7,339		7,339		133,788				509	01/25/2047	1FM
93627#-AB-0	WARRIOR TRAIL-DFW-LLC-PERFORMA SR-SEC 7.600% 07/01/26		03/01/2019	Redemption 100.0000		182,033	182,033	182,033	182,033						182,033				2,311	07/01/2026	2PL
939336-0Z-9	WAMMS 2003-MS2 4A5 SSNR NAS 5.750% 02/25/33		03/01/2019	Paydown		86,755	86,755	88,599	86,698		57		57		86,755				816	02/25/2033	1FM
939336-RZ-8	WAMMS 2003-MS3 1A4 SSNR NAS 5.750% 03/25/33		03/01/2019	Paydown		14,515	14,515	14,733	14,564		(50)		(50)		14,515				139	03/25/2033	1FM
939336-Z3-0	WAMU 2005-AR3 A1 CSTR AS 4.467% 03/25/35		03/01/2019	Paydown		420,407	420,407	409,692	411,553		8,854		8,854		420,407				2,039	03/25/2035	1FM
939344-AN-7	WMALT 2007-2 3A3 STEP AFC AS 5.967% 05/25/36		03/01/2019	Paydown		97,839	124,859	12,818	11,402		88,901		88,901		100,303		(2,465)	(2,465)	777	05/25/2036	1FM
93936H-AL-0	WMALT 2007-2 1A11 EXCH FLT SSNR AS 2.806%		03/25/2019	Paydown		36,905	194,271	54,955	47,972		27,584		27,584		75,556		(38,651)	(38,651)	1,155	04/25/2037	1FM
949757-AF-5	WFMS 2004-6 A6 SEQ AS 6.000% 06/25/34		03/01/2019	Paydown		20,351	20,351	20,351	20,351						20,351				217	06/25/2034	1FM
949757-AG-3	WFMS 2004-6 A7 NAS 5.500% 06/25/34		03/01/2019	Paydown		27,881	27,881	26,944	27,027		854		854		27,881				273	06/25/2034	1FM
949772-AD-9	WFMS 2005-18 2A1 SSNR NAS 5.500% 01/25/36		03/01/2019	Paydown		196,202	196,202	176,968	182,484		13,718		13,718		196,202				1,797	01/25/2036	1FM
94978#-AH-0	WELLS FARGO BK NW-CVS SR-SEC 7.530%		03/10/2019	Redemption 100.0000		448,231	448,231	448,232	448,229		2		2		448,231				5,355	01/10/2024	2
94978#-CQ-8	WELLS FARGO BK-CVS 2010 SECOND SR-SEC 5.610% 08/10/27		03/10/2019	Redemption 100.0000		406,819	406,819	387,186	395,848		10,971		10,971		406,819				3,810	08/10/2027	2
94978#-GK-7	FURC TRUST 2007-1A A-SR-SEC 5.670% 01/30/30		01/15/2019	Redemption 100.0000		268,298	268,298	268,298	268,298						268,298				7,606	01/15/2030	1
94978#-GL-5	FURC TRUST 2007-1A B-SR-SEC 5.670% 01/30/30		01/15/2019	Redemption 100.0000		23,918	23,918	23,918	23,918						23,918				678	01/15/2030	1
94978#-GM-3	FURC TRUST 2007-1A C-SR-SEC 5.670% 01/30/30		03/19/2019	Redemption 100.0000		195,647	195,647	195,647	195,647						195,647				5,547	01/15/2030	1
94978#-GN-1	FURC TRUST 2007-1B A-SR-SEC 5.670% 01/30/30		01/15/2019	Redemption 100.0000		87,862	87,862	87,862	87,862						87,862				2,491	01/15/2030	1
94978#-GP-6	FURC TRUST 2007-1B B-SR-SEC 5.670% 01/30/30		01/15/2019	Redemption 100.0000		242,114	242,114	242,114	242,114						242,114				6,864	01/15/2030	1
94978#-HG-5	FURC TRUST NO. 2007-2A 1-SR-SEC 6.090%		06/12/29	Redemption 100.0000		443,674	443,674	443,674	443,674						443,674				11,882	01/15/2029	1
94978#-HH-3	FURC TRUST NO. 2007-2A 5-SR-SEC 6.090%		09/12/30	Redemption 100.0000		529,132	529,132	529,132	529,132						529,132				16,112	07/15/2030	1
94978#-HJ-9	FURC TRUST NO. 2007-2A 7-SR-SEC 6.090%		01/15/2019	Redemption 100.0000		996,130	996,130	996,130	996,130						996,130				30,332	01/15/2029	1
94978#-HK-6	FURC TRUST NO. 2007-2A 8-SR-SEC 6.090%		01/15/2019	Redemption 100.0000		436,854	436,854	436,854	436,854						436,854				13,302	01/15/2029	1
94978#-HL-4	FURC TRUST NO. 2007-2A 9-SR-SEC 6.090%		09/12/30	Redemption 100.0000		588,780	588,780	588,780	588,780						588,780				17,928	01/15/2030	1
94978#-HM-2	FURC TRUST NO. 2007-2B 2-SR-SEC 6.090%		01/15/2019	Redemption 100.0000		108,283	108,283	108,283	108,283						108,283				3,297	01/15/2029	1
94978#-HN-0	FURC TRUST NO. 2007-2B 3-SR-SEC 6.090%		01/15/2019	Redemption 100.0000		192,229	192,229	192,229	192,229						192,229				5,853	01/15/2029	1
94978#-HP-5	FURC TRUST NO. 2007-2B 4-SR-SEC 6.090%		01/15/2019	Redemption 100.0000		138,754	138,754	138,754	138,754						138,754				4,225	01/15/2029	1
94978#-HQ-3	FURC TRUST NO. 2007-2B 6-SR-SEC 6.090%		01/15/2019	Redemption 100.0000		276,633	276,633	276,633	276,633						276,633				8,423	01/15/2026	1
94978#-HR-1	FURC TRUST NO. 2007-2B 10-SR-SEC 6.090%		01/15/2019	Redemption 100.0000		273,745	273,745	273,745	273,745						273,745				8,336	01/15/2029	1
94978#-HS-9	WELLS FARGO-ONB 6.64 09/21/202 A-SR-SEC 6.640% 09/21/27		03/21/2019	Redemption 100.0000		41,037	41,037	41,194	41,116		(79)		(79)		41,037				455	09/21/2027	1

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
94978*-AL-5	WAKE FOREST LEASEBACK PT TRUST SR-SEC 5.930% 05/14/27		03/14/2019	Redemption	100.0000																
949789-AF-8	WFMS 2006-AR19 A6 CSTR SEQ SSNR AS 4.861% 12/25/36		03/01/2019	Paydown		256,005	257,469	181,162	180,172		76,859		76,859		257,031		(1,027)	(1,027)	2,386	12/25/2036	1FM
94980G-AJ-0	WFHET 2004-2 A18 AFC SEQ AS 5.000% 10/25/34		03/01/2019	Paydown		785,786	785,786	686,957	751,023		34,764		34,764		785,786				5,502	10/25/2034	1FM
94980K-AH-5	WFMS 2004-4 A8 SEQ AS 5.500% 05/25/34		03/01/2019	Paydown		52,746	52,746	51,213	52,159		587		587		52,746				481	05/25/2034	1FM
94980K-AN-2	WFMS 2004-4 B1 SUB NAS 5.500% 05/25/34		03/01/2019	Paydown		14,646	14,646	14,623	14,621		25		25		14,646				134	05/25/2034	4FM
94980K-AP-7	WFMS 2004-4 B2 SUB NAS 5.500% 05/25/34		03/01/2019	Paydown		213	5,209				213		213		213				46	05/25/2034	1FM
94980S-AS-4	WFMS 2006-9 1A17 SEQ SSNR AS 6.000% 08/25/36		03/01/2019	Paydown		474,416	603,377	477,653	505,709		75,959		75,959		581,668		(107,252)	(107,252)	4,819	08/25/2036	1FM
94980S-BJ-3	WFMS 2006-9 1A33 SEQ SSNR AS 6.000% 08/25/36		03/01/2019	Paydown		298,359	379,463	319,601	339,190		31,666		31,666		370,856		(72,496)	(72,496)	3,030	08/25/2036	1FM
94981N-AA-3	WFMS 2005-AR4 1A1 CSTR PT SSNR AS 5.145% 04/25/35		03/01/2019	Paydown		811,026	811,026	811,533	811,179		(152)		(152)		811,026				5,819	04/25/2035	1FM
94981Q-AV-0	WFMS 2005-AR16 7A1 CSTR PT SSNR AS 4.751% 10/25/35		03/01/2019	Paydown		206,029	212,953	193,255	194,017		18,322		18,322		212,338		(6,309)	(6,309)	1,912	10/25/2035	1FM
94982C-AG-3	WFMS 2004-DD 2A6 CSTR AS 5.007% 01/25/35		03/01/2019	Paydown		165,971	165,971	147,652	137,110		28,860		28,860		165,971				1,702	01/25/2035	1FM
94982N-AE-4	WFMS 2005-4 A5 PAC-11 AS 5.000% 04/25/35		03/01/2019	Paydown		328,181	328,181	291,764	300,998		27,182		27,182		328,181				2,842	04/25/2035	1FM
94982S-AD-5	WFMS 2005-17 1A1 PT SSNR AS 5.500% 01/25/36		03/01/2019	Paydown		78,897	79,978	15,258	15,427		63,678		63,678		79,105		(208)	(208)	1,009	01/25/2036	1FM
94982U-AA-6	WFMS 2005-AR5 1A1 CSTR PT AS 5.190% 04/25/35		03/01/2019	Paydown		78,662	78,662	74,956	74,919		3,743		3,743		78,662				623	04/25/2035	1FM
94982W-AL-8	WFMS 2005-9 1A11 SSNR NAS 5.500% 10/25/35		03/01/2019	Paydown		92,652	92,652	91,493	91,629		1,023		1,023		92,652				688	10/25/2035	1FM
949837-AF-5	WFMS 2007-10 1A6 PAC-11 SSNR AS 6.000% 07/25/37		03/01/2019	Paydown		482,107	569,467	453,768	471,652		82,782		82,782		554,434		(72,328)	(72,328)	5,150	07/25/2037	1FM
949837-AK-4	WFMS 2007-10 1A10 AD PAC-11 AS 5.900% 07/25/37		03/01/2019	Paydown		249,301	294,475	174,003	115,754		151,224		151,224		266,978		(17,678)	(17,678)	2,619	07/25/2037	1FM
949837-BE-7	WFMS 2007-10 1A29 SSNR NAS 6.000% 07/25/37		03/01/2019	Paydown		140,766	166,273	129,769	134,971		26,491		26,491		161,462		(20,696)	(20,696)	1,504	07/25/2037	1FM
949837-BK-3	WFMS 2007-10 1A34 SSNR NAS 6.000% 07/25/37		03/01/2019	Paydown		59,748	70,575	56,657	58,875		9,902		9,902		68,777		(9,029)	(9,029)	638	07/25/2037	1FM
94983B-AP-4	WFMS 2006-4 1A14 SEQ AS 5.750% 04/25/36		03/01/2019	Paydown		121,872	121,872	94,637	98,187		23,685		23,685		121,872				1,102	04/25/2036	1FM
94983B-AT-6	WFMS 2006-4 2A2 PT SSNR AS 5.500% 04/25/36		03/01/2019	Paydown		50,025	50,528	24,008	21,107		29,127		29,127		50,234		(209)	(209)	524	04/25/2036	1FM
94983K-AE-9	WFMS 2006-AR2 2A3 CSTR PT SSNR AS 4.954% 03/25/36		03/01/2019	Paydown		1,812	1,812	861	879		933		933		1,812				14	03/25/2036	1FM
94983P-AA-6	WFMS 2006-AR4 1A1 CSTR SSNR AS 5.110% 04/25/36		03/01/2019	Paydown		1,350	1,352	262	243		1,107		1,107		1,350				10	04/25/2036	1FM
94983Y-AH-2	WFMS 2006-AR10 4A1 CSTR PT SSNR AS 5.178% 07/25/36		03/01/2019	Paydown		904,195	905,967	425,694	121,040		783,391		783,391		904,432		(237)	(237)	6,016	07/25/2036	1FM
94984E-AT-9	WFMS 2006-10 A18 SEQ NAS 6.000% 08/25/36		03/01/2019	Paydown		114,332	163,715	70,033	40,698		85,887		85,887		126,585		(12,254)	(12,254)	1,278	08/25/2036	1FM
94984F-AR-0	WFMS 2006-11 A16 SSNR NAS 6.000% 09/25/36		03/01/2019	Paydown		359,347	410,088	215,993	215,395		170,579		170,579		385,974		(26,627)	(26,627)	4,585	09/25/2036	1FM
94984H-AC-9	WFMS 2006-12 A3 PAC-11 SSNR AS 6.000% 10/25/36		03/01/2019	Paydown		99,870	239,572	108,568	107,212		55,166		55,166		162,378		(62,508)	(62,508)	450	10/25/2036	1FM
94984J-AE-1	WFMS 2006-13 A5 SSNR NAS 6.000% 10/25/36		03/01/2019	Paydown		376,208	384,572	373,182	382,516		2,018		2,018		384,534		(8,326)	(8,326)	3,040	10/25/2036	3FM
94984V-AB-0	WFMS 2006-19 A2 SSNR AS 5.250% 12/26/36		03/01/2019	Paydown		167,724	167,724	161,268	161,378		6,346		6,346		167,724				1,821	12/26/2036	1FM
94984X-AB-6	WFMS 2007-2 1A2 SEQ AS 6.000% 03/25/37		03/01/2019	Paydown		73,726	74,964	42,377	44,263		30,193		30,193		74,456		(730)	(730)	596	03/25/2037	1FM
94984Y-AD-2	WFMS 2007-2 1A4 SEQ AS 6.000% 03/25/37		03/01/2019	Paydown		60,954	61,979	34,790	36,344		25,210		25,210		61,554		(599)	(599)	492	03/25/2037	1FM
94984Y-AM-2	WFMS 2007-2 1A12 SEQ AS 6.000% 03/25/37		03/01/2019	Paydown		93,006	94,569	53,584	55,966		37,964		37,964		93,929		(923)	(923)	751	03/25/2037	1FM
94985J-AB-6	WFMS 2007-7 A2 SSNR AS 6.000% 06/25/37		03/01/2019	Paydown		278,300	278,300	186,928	189,232		76,405		76,405		285,637		(26,853)	(26,853)	2,824	06/25/2037	1FM
94985J-BR-0	WFMS 2007-7 A40 SEQ AS 6.000% 06/25/37		03/01/2019	Paydown		162,090	188,913	86,299	84,533		89,563		89,563		174,095		(12,006)	(12,006)	1,917	06/25/2037	1FM
94985J-CA-6	WFMS 2007-7 A49 NAS 6.000% 06/25/37		03/01/2019	Paydown		148,775	173,395	86,026	86,355		74,349		74,349		160,704		(11,903)	(11,903)	1,759	06/25/2037	1FM
94985L-AD-7	WFMS 2007-13 A4 SSNR NAS 6.000% 09/25/37		03/01/2019	Paydown		83,446	84,310	56,598	58,645		25,398		25,398		84,042		(597)	(597)	841	09/25/2037	1FM
94985L-AF-2	WFMS 2007-13 A6 SSNR AS 6.000% 09/25/37		03/01/2019	Paydown		206,212	208,347	123,464	127,117		80,394		80,394		207,511		(1,299)	(1,299)	2,079	09/25/2037	1FM

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										11	12	13	14	15								
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange 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 Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)	
9498SR-AP-7	WFMS 2007-4 A14 SEQ SSNR AS 6.000%		03/01/2019	Paydown		216,194	240,791	129,961	133,257		96,525		96,525		229,782	(13,589)	(13,589)	(13,589)	2,199	04/25/2037	1FM	
9498ST-AE-8	WFMS 2007-3 1A5 EXCH NAS 6.000% 04/25/37		03/01/2019	Paydown		93,697	98,999	40,517	15,979		78,570		78,570		94,549	(852)	(852)	(852)	854	04/25/2037	1FM	
9498SW-AP-6	WFMS 2007-11 A14 AD SEQ SSNR AS 6.000%		03/01/2019	Paydown		124,338	148,520	106,812	108,397		33,588		33,588		141,985	(17,647)	(17,647)	(17,647)	1,183	08/25/2037	1FM	
9498SW-AQ-4	WFMS 2007-11 A15 Z SEQ SSNR AS 6.000%		03/01/2019	Paydown		557,644	666,098	495,893	507,585		132,695		132,695		640,280	(82,637)	(82,637)	(82,637)	5,306	08/25/2037	1FM	
9498SW-AU-5	WFMS 2007-11 A19 SEQ SSNR AS 6.000%		03/01/2019	Paydown		15,634	18,675				15,634		15,634		15,634				149	08/25/2037	1FM	
9498SW-BL-4	WFMS 2007-11 A35 SEQ SSNR AS 6.000%		03/01/2019	Paydown		249,739	298,309	213,726	218,632		66,700		66,700		285,332	(35,593)	(35,593)	(35,593)	2,376	08/25/2037	1FM	
9498SW-DT-5	WFMS 2007-11 A90 EXCH SUP AD SSNR A 6.000%		03/01/2019	Paydown		1,165	1,391				1,165		1,165		1,165				11	08/25/2037	1FM	
9498SW-DZ-1	WFMS 2007-11 A96 EXCH PT SSNR AS 6.000%		03/01/2019	Paydown		60,831	72,662	19,145	18,295		45,512		45,512		63,808		(2,977)	(2,977)	579	08/25/2037	1FM	
94986A-AC-2	WFMS 2007-8 1A3 SSNR NAS 6.000% 07/25/37		03/01/2019	Paydown		872,253	921,526	501,657	491,405		407,012		407,012		898,416	(26,163)	(26,163)	(26,163)	7,574	07/25/2037	1FM	
95058X-AB-4	WEN 2015-1A A211 SEQ 4.080% 06/15/45		03/15/2019	Paydown		167,595	167,595	167,637	167,628		(33)		(33)		167,595				1,709	06/15/2045	3AM	
95058X-AC-2	WEN 2015-1A A23 SEQ 4.497% 06/15/45		03/15/2019	Paydown		87,500	84,229	87,500	84,229		3,271		3,271		87,500				984	06/15/2045	1AM	
95058X-AE-8	WEN 2018-1A A211 SEQ 3.884% 03/15/48		03/15/2019	Paydown		77,500	77,500	77,487	77,488		12		12		77,500				753	03/15/2048	2AM	
96033D-AA-8	WESTR 2017-1A A SEQ 3.050% 12/20/30		03/01/2019	Paydown		461,895	461,895	461,335	461,276		618		618		461,895				2,377	12/20/2030	1FE	
96033D-AB-6	WESTR 2017-1A B SUB 4.050% 12/20/30		03/01/2019	Paydown		346,421	346,421	345,907	345,835		586		586		346,421				2,368	12/20/2030	2AM	
96121#-AA-6	WESTPAC REALTY FUND II-LLC 1-30-SR-SEC 6.630% 09/05/19		03/05/2019	Redemption	100.0000	141,445	141,445	141,445	141,445						141,445					1,566	09/05/2019	1
96121#-AB-4	WESTPAC REALTY FUND II-LLC SR-SEC 7.770%		03/05/2019	Redemption	100.0000	138,318	138,318	138,318	138,318						138,318					1,795	05/05/2020	1
96121#-AC-2	WESTPAC REALTY FUND II-LLC SR-SEC 7.780%		03/05/2019	Redemption	100.0000	140,632	140,632	140,632	140,632						140,632					1,827	05/05/2020	1
96121#-AD-0	WESTPAC REALTY FUND II-LLC SR-SEC 7.490%		03/05/2019	Redemption	100.0000	153,058	153,058	153,058	153,058						153,058					1,915	12/05/2020	1
96121#-AE-8	WESTPAC REALTY FUND II-LLC SR-SEC 8.140%		03/05/2019	Redemption	100.0000	199,911	199,911	199,911	199,911						199,911					2,718	12/05/2020	1
96121#-AF-5	WESTPAC REALTY FUND II-LLC SR-SEC 7.770%		03/05/2019	Redemption	100.0000	152,894	152,894	152,894	152,894						152,894					1,984	08/05/2021	1
96145D-AC-9	WRKCO INC CO. GUARNT 3.375% 09/15/27		02/15/2019	Tax Free Exchange		27,839,743	27,850,000	27,837,746	27,839,616		128		128		27,839,743					391,641	09/15/2027	2FE
96145D-AG-0	WRKCO INC CO. GUARNT 4.000% 03/15/28		02/15/2019	Tax Free Exchange		13,728,209	13,750,000	13,726,213	13,727,963		246		246		13,728,209					229,167	03/15/2028	2FE
96228#-AA-8	TALISKER GROUND LEASE-BKD PT T 4.700%		03/15/2019	Redemption	100.0000	48,019	48,019	48,019	48,019						48,019					377	05/15/2047	1FE
96928*-BS-5	WELLS FARGO BK NII-NAT ASSN SR-SEC 6.410%		03/15/2019	Redemption	100.0000	42,236	42,236	42,236	42,236						42,236					452	07/15/2029	2
96928*-BT-3	WELLS FARGO BK-NI.A. SR-SEC 6.690% 12/15/32		03/15/2019	Redemption	100.0000	28,642	28,642	28,642	28,642						28,642					320	12/15/2032	2
96928*-BU-0	WELLS FARGO BK NII-NAT ASSN SR-SEC 6.560%		03/15/2019	Redemption	100.0000	44,596	44,596	44,596	44,596						44,596					488	12/15/2030	2
96928*-CE-5	WILLIAM BLAIR & CO PT TRUST SE SR-SEC 6.720% 07/15/34		03/15/2019	Redemption	100.0000	27,733	27,733	27,733	27,733						27,733					311	07/15/2034	2
96928*-CT-2	HAMMES CO. CAPTL HLDINGS-ST. L SR-SEC 6.610% 01/15/35		03/15/2019	Redemption	100.0000	234,525	234,525	234,525	234,525						234,525					2,588	01/15/2035	2
96928*-CW-5	BLAI CTL PT-SER 2010-B-SPECTRU SR-SEC 6.600% 06/15/37		03/15/2019	Redemption	100.0000	131,637	131,637	132,928	132,583		(945)		(945)		131,637					1,451	06/15/2037	1
96928*-FB-8	WILLIAM BLAIR CTL TRUST-FEDEX 2012-SR-SEC 3.900% 07/15/30		03/15/2019	Redemption	100.0000	246,041	246,041	247,671	247,139		(1,098)		(1,098)		246,041					1,601	07/15/2030	2
96928*-FC-6	WILLIAM BLAIR PT TRUST-FED EX- SR-SEC 3.950% 09/30/27		03/15/2019	Redemption	100.0000	636,037	636,037	642,391	640,116		(4,078)		(4,078)		636,037					4,192	09/15/2027	2
97314@-AA-3	WIND ENERGY TRANSMISSION TEXAS A-SR-SEC 3.670% 12/18/34		03/31/2019	Redemption	100.0000	194,444	194,444	194,444	194,444						194,444					1,784	12/18/2034	1
97806*-AG-7	WOLVERINE POWER SUPPLY COOP-IN SR-SEC 3.830% 09/10/45		03/11/2019	Redemption	100.0000	333,333	333,333	333,333	333,333						333,333					6,383	09/10/2045	1

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CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
98882*-AA-5	ZSF/COLLIERVILLE TRUST-FEDEX SR-SEC 5.770% 01/02/19		01/02/2019	Redemption 100.0000		23,885,167	23,885,167	23,885,167	23,885,167						23,885,167				114,847	01/02/2019	2
98984*-AA-2	ZURICH LEASE-BKD PT TRUST-ZURI SR-SEC 4.918% 11/15/37		03/15/2019	Redemption 100.0000		130,892	130,892	131,547	131,424		(532)		(532)		130,892				1,074	11/15/2037	1
AS3088-32-3	COMMERCIAL METALS CO SR UNSEC 5.750% 04/15/26		01/17/2019	Tax Free Exchange		11,332,139	11,325,000	11,333,250	11,332,205		(66)		(66)		11,332,139				166,415	04/15/2026	3FE
Z00064-33-9	TRANSPORTATION INSIGHT-LLC SUB-UNSEC 13.750% 06/18/26		01/11/2019	JP MORGAN SECURITIES		867,730	887,336	887,336	882,616						887,336		(19,605)	(19,605)	8,109	06/18/2026	3Z
109286-AA-2	BRIGHTON BEACH POWER L.P. SR-SEC 6.924% 03/31/24		03/30/2019	Redemption 100.0000		1,797,711	1,797,711	1,526,641	1,769,861					(243,220)	1,797,711	271,071		271,071	31,118	03/30/2024	2
221025-AB-5	CORY COGENERATION FDG CORP B-SR-SEC 7.601% 06/30/26		03/29/2019	Redemption 100.0000		719,528	719,528	622,840	704,322					(81,482)	719,528	96,687		96,687	13,673	06/30/2026	2FE
22576C-A#-8	CRESCENT POINT ENERGY CORP. C-SR 6.030% 03/24/20	A	03/13/2019	SEAPORT GROUP		35,070,000	35,000,000	35,000,000	35,000,000						35,000,000		70,000	70,000	1,061,113	03/24/2020	2
386435-AB-7	GRAND RENEWABLE SOLAR LP 3.926% 01/31/35		01/31/2019	Redemption 100.0000		617,240	617,240	637,998	594,069					43,929	617,240	(20,758)		(20,758)	12,216	01/31/2035	2FE
820439-A#-4	SHAWCOR LTD. C-SR-UNSEC 3.820% 03/31/25	A	03/07/2019	Call 104.0022		6,200,305	5,961,705	5,961,705	5,961,705						5,961,705				337,918	03/31/2025	3
820439-A#-6	SHAWCOR LTD. B-SR-UNSEC 3.670% 03/31/23	A	03/07/2019	Call 102.3849		4,069,257	3,974,470	3,974,470	3,974,470						3,974,470				158,400	03/31/2023	3
878742-AT-2	TECK RESOURCES LIMITED CO.GUARNT 4.500% 01/15/21	A	03/13/2019	STIFEL NICOLAUS & COMPANY INC		3,641,050	3,605,000	3,604,099	3,604,999						3,604,999		36,051	36,051	108,150	01/15/2021	3FE
893526-BY-2	TRANSCANADA PIPELINES SR UNSEC 7.125% 01/15/19	A	01/15/2019	Maturity		7,000,000	7,000,000	6,998,390	6,999,991		9		9		7,000,000				249,375	01/15/2019	2FE
04061#-AA-3	AURORA SOLAR LTD PTNSP SR-UNSEC 4.113% 12/31/33		01/02/2019	Redemption 100.0000		868,529	868,529	894,748	864,076					30,673	868,529	(26,219)		(26,219)		06/30/2033	2FE
C1466#-AA-6	CPR LEASING LTD. SR-SEC 5.410% 03/03/24	A	03/03/2019	Redemption 100.0000		209,424	209,424	209,424	209,424						209,424				5,665	03/03/2024	1
C5916*-AA-7	NSC MINERALS LTD SUB 14.000% 10/11/26		01/17/2019	Redemption 100.0000		10,508,657	10,508,657	13,419,398	10,218,873					3,200,524	10,508,657	(2,910,741)		(2,910,741)	365,985	10/11/2026	4Z
00802#-AA-4	AEROSTAR AIRPORT HLDGS-LLC A-SR-SEC 5.750% 03/22/35	D	03/22/2019	Redemption 100.0000		194,442	194,442	194,442	194,442						194,442				5,590	03/22/2035	3FE
00972B-AA-7	AKBANK TAS SR UNSEC 4.000% 01/24/20	D	02/21/2019	Various		4,946,000	5,000,000	4,983,200	4,996,146		520		520		4,996,667		(50,667)	(50,667)	116,222	01/24/2020	4FE
03702Y-AC-4	AHR 2004 HY1A C SUB CDO-CRE CDO 5.396% 06/20/41	D	03/01/2019	Paydown		13,612	13,612				13,612		13,612		13,612				123	06/20/2041	6FE
03835V-AA-4	APTIV PLC CO.GUARNT 3.150% 11/19/20	D	03/15/2019	Call 100.6042		9,305,887	9,250,000	9,230,020	9,242,112		824		824		9,242,936		7,064	7,064	149,774	11/19/2020	2FE
05252A-AN-1	AUST & NZ BANKING GROUP SR UNSEC 5.100% 01/13/20	D	02/21/2019	CITIGROUP GLOBAL MARKETS INC		5,099,300	5,000,000	4,992,250	4,999,007		143		143		4,999,150		100,150	100,150	157,250	01/13/2020	1FE
05533U-AD-0	BBVA BANCOMER SA TEXAS SR UNSEC 4.375% 04/10/24	D	01/23/2019	Various		4,978,800	5,000,000	4,949,700	4,970,721		318		318		4,971,039		7,761	7,761	63,486	04/10/2024	1FE
059613-AC-3	BANCO NAL COSTA RICA SR UNSEC 5.875% 04/25/21	D	03/18/2019	TENDER SALE		5,587,905	5,673,000	5,661,067	5,667,047		504		504		5,667,551		(79,646)	(79,646)	132,390	04/25/2021	4FE
125464-AA-5	CIC RECEIVABLES MASTER TRUST A-SR 4.890% 10/07/21	D	01/07/2019	Redemption 100.0000		2,387,399	2,387,399	2,412,964	2,400,454		(13,055)		(13,055)		2,387,399				29,186	10/07/2021	1FE
12805P-AE-6	CAI 2018-1A A SEQ 3.960% 02/25/43	D	03/25/2019	Paydown		212,500	212,500	212,434	212,439		61		61		212,500				1,403	02/25/2043	1FE
21987B-AP-3	CODELCO INC SR UNSEC 3.875% 11/03/21	D	02/06/2019	TENDER SALE		13,273,000	13,000,000	12,756,100	12,910,528		2,954		2,954		12,913,482		359,518	359,518	130,135	11/03/2021	1FE
226081-AC-1	CREST 2002 1A C SEQ CDO-CRE CDO 7.000% 05/27/36	D	02/27/2019	Paydown			(189,149)													05/27/2036	6*
22608S-AD-0	CREST 2003 1A D2 MEZ CDO-CRE CDO 7.332% 05/28/38	D	02/28/2019	Paydown		21,960	21,960				21,960		21,960		21,960				403	05/28/2038	6FE
268317-AB-0	ELECTRICITE DE FRANCE SA SR UNSEC 6.500% 01/26/19	D	01/26/2019	Maturity		53,500,000	53,500,000	53,333,080	53,498,487		1,513		1,513		53,500,000				1,738,750	01/26/2019	1FE
29082H-AB-8	EMBRAER NETHERLANDS FINA CO.GUARNT 5.400% 02/01/27	D	01/29/2019	JP MORGAN SECURITIES		5,827,500	5,550,000	5,550,000	5,550,000						5,550,000		277,500	277,500	149,018	02/01/2027	2FE
368266-AT-9	GAZPROM -GAZ CAPITAL SA SR UNSEC 4.950% 02/06/28	D	02/07/2019	STANDARD CHARTERED BANK		3,905,000	4,000,000	4,000,000	4,000,000						4,000,000		(95,000)	(95,000)	101,750	02/06/2028	2FE
40066N-AA-4	GUANAY FINANCE LTD SR SEC 6.000% 12/15/20	D	03/15/2019	Redemption 100.0000		1,132,630	1,132,630	1,136,748	1,133,731		(1,102)		(1,102)		1,132,630				16,612	12/15/2020	4AM
42771A-AA-4	HERO 2017-3A A1 SEQ 3.190% 09/20/48	D	03/20/2019	Paydown		336,014	336,014	335,900	335,904		110		110		336,014				1,641	09/20/2048	1FE

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42771R-AA-7	HERO 2016-1R A1 SEQ 4.500% 09/21/42	D	03/21/2019	Paydown		959,294	959,294	949,777	950,258		9,036		9,036		959,294				21,584	09/21/2042	2AM
46137N-AB-4	INVERSIONES LATIN AMERICA POWE 5.350%	D	03/31/2019	Redemption 100.0000		304,152	304,152	304,152	304,152						304,152				8,136	03/31/2033	2FE
46507M-AA-0	ISRAEL ELECTRIC CORP LTD SR SEC 7.250%	D	01/15/2019	Maturity		4,662,000	4,662,000	4,450,469	4,660,841		1,160		1,160		4,662,000				168,998	01/15/2019	2FE
470170-AB-7	JAMAICA MERCHANT VOUCHER RECEI SR 5.875%	D	07/08/22	Paydown		816,542	816,542	816,542	816,542						816,542				11,993	07/08/2022	3AM
56564R-AA-8	MAPSL 2018-1A A SEQ 4.212% 05/15/43	D	03/15/2019	Paydown		201,600	201,600	201,593	201,593		7		7		201,600				1,415	05/15/2043	1FE
56564R-AB-6	MAPSL 2018-1A B SUB 5.193% 05/15/43	D	03/15/2019	Paydown		124,800	124,800	124,798	124,797		3		3		124,800				1,080	05/15/2043	2AM
65410C-AA-8	NIELSEN CO LUX SARL/THE CO.GUARNT 5.500%	D	10/01/21	KEYBANC CAPITAL MARKETS		7,026,250	7,000,000	7,000,000	7,000,000						7,000,000		26,250	26,250		10/01/2021	4FE
66989G-AA-8	NOVARTIS SECS INVEST LTD CO.GUARNT 5.125%	D	02/10/19	Maturity		68,000,000	68,000,000	67,878,960	67,998,343		1,657		1,657		68,000,000				1,742,500	02/10/2019	1FE
67576G-AC-1	ODBROCHT OFFSHRE DRLL FIN SR SEC 6.720%	D	12/01/22	Redemption 100.0000		165,684	165,684	142,586	145,756		19,928		19,928		165,684				2,783	12/01/2022	5FE
75973F-AA-9	RENEW 2018-1 A SEQ 3.950% 09/20/53	D	03/20/2019	Paydown		1,218,975	1,218,975	1,218,513	1,218,516		459		459		1,218,975				9,780	09/20/2053	1FE
75973L-AA-6	RENEW 2017-1A A SEQ 3.670% 09/20/52	D	03/20/2019	Paydown		126,135	126,135	126,102	126,359		(224)		(224)		126,135				709	09/20/2052	1FE
784309-AA-4	SUETS 2017-1 A SEQ 3.967% 08/15/42	D	03/15/2019	Paydown		83,333	83,333	83,333	83,333						83,333				551	08/15/2042	1FE
80007R-AD-7	SANDS CHINA LTD SR UNSEC 5.400% 08/08/28	D	01/23/2019	Tax Free Exchange		16,377,434	16,525,000	16,375,520	16,376,646		788		788		16,377,434				406,515	08/08/2028	2FE
846502-AA-0	SPAEM 2015-1A A SEQ 4.000% 08/01/21	D	02/01/2019	Paydown		1,855,512	1,855,512	1,855,512	1,855,512						1,855,512				18,555	08/01/2021	1FE
87248D-AC-4	TIA 2016 1A SUB SUB EXE CDO-CF-CLO 0.000%	D	07/20/31	Capital Distribution		281,131	281,131	281,131	281,131						281,131					07/20/2031	6*
87271Q-AC-5	TIA 2017 1A SUB SUB EXE CDO-CF-CLO 0.000%	D	04/20/29	Capital Distribution		686,598	686,598	686,598	686,598						686,598					04/20/2029	6*
87271T-AC-9	TIA 2017 2A SUB SUB EXE CDO-CF-CLO 0.000%	D	01/16/31	Capital Distribution		166,747	166,747	166,747	166,747						166,747					01/16/2031	6*
88315F-AE-1	TMCL 2017-2A A SEQ 3.520% 06/20/42	D	03/20/2019	Paydown		230,832	230,832	230,791	230,793		39		39		230,832				1,269	06/20/2042	1FE
88606W-AA-0	TBOLT 2017-A A STEP SEQ 4.212% 05/17/32	D	03/15/2019	Paydown		159,311	159,311	159,304	159,305		6		6		159,311				1,118	05/17/2032	1FE
88606W-AC-6	TBOLT 2017-A C SUB 4.500% 05/17/32	D	03/15/2019	Paydown		79,656	79,656	72,462	73,144		6,511		6,511		79,656				597	05/17/2032	1AM
898324-AA-6	TRUST F/1401 SR UNSEC 5.250% 12/15/24	D	02/19/2019	Various		9,975,000	10,000,000	9,975,200	9,984,322		296		296		9,984,618		(9,618)	(9,618)	91,146	12/15/2024	2FE
90014Q-AA-5	TURKIYE GARANTI BANKASI SR UNSEC 4.750%	D	10/17/19	JP MORGAN SECURITIES		6,249,900	6,275,000	6,267,219	6,273,755		222		222		6,273,976		(24,076)	(24,076)	103,494	10/17/2019	4FE
900151-AE-1	TURKIYE IS BANKASI A.S SR UNSEC 5.500%	D	04/21/19	ING FINANCIAL MARKETS		5,271,308	5,275,000	5,246,884	5,273,233		1,109		1,109		5,274,341		(3,034)	(3,034)	112,826	04/21/2019	4FE
90401C-AA-7	ULTRAPAR INTERNATIONAL SA CO.GUARNT 5.250%	D	10/06/26	Various		10,073,500	10,000,000	9,809,700	9,843,848		3,242		3,242		9,847,090		226,410	226,410	230,008	10/06/2026	3FE
91311Q-AE-5	UNITED UTILITIES PLC SR UNSEC 5.375%	D	02/01/19	Maturity		43,000,000	43,000,000	37,582,920	42,937,051		62,949		62,949		43,000,000				1,155,625	02/01/2019	2FE
91911T-AH-6	VALE OVERSEAS LIMITED CO.GUARNT 6.875%	D	11/21/36	MORGAN STANLEY & CO. INC.		3,273,000	3,000,000	3,134,370	3,111,490		(667)		(667)		3,110,823		162,177	162,177	64,740	11/21/2036	2FE
F0933*-AA-4	BELLON S.A. A-SR-SEC 5.200% 02/15/22	D	02/15/2019	Redemption 100.0000		7,101,434	7,101,434	7,101,434	7,101,434						7,101,434				184,637	02/15/2022	2
G1591F-AE-2	BRITVIC PLC E-SR 6.000% 02/20/19	D	02/20/2019	Maturity		22,000,000	22,000,000	22,000,000	22,000,000						22,000,000				660,000	02/20/2019	2
N2962F-AC-7	ENECO C-SR-UNSEC 4.820% 03/28/19	B	03/28/2019	Maturity		28,053,639	28,053,639	28,053,639	28,643,775				4,636,311		28,053,639		(5,226,447)	(5,226,447)	675,672	03/28/2019	1
N6777#-AG-4	OVERSEAS ASSI STANCE FINANCE B. G-SR-UNSEC 5.000% 03/30/24	D	03/30/2019	Redemption 100.0000		2,083,333	2,083,333	2,083,333	2,083,333						2,083,333					03/30/2024	3PL
N9146#-AB-3	VAN OORD FINANCE B.V. F-SR-UNSEC 5.410%	D	04/20/21	Call 104.9546		18,367,055	17,500,000	17,500,000	17,500,000						17,500,000				1,211,567	04/20/2021	2
P4000#-AA-1	ELETRANS SA SR-SEC 4.060% 12/28/37	D	01/14/2019	Redemption 100.0000		78	78	78	78						78					12/28/2037	1FE
Q1296#-AC-3	COMMONWEALTH MANAGED INVS LTD C-SR-UNSEC 5.480% 02/07/19	D	02/07/2019	Maturity		6,000,000	6,000,000	6,000,000	6,000,000						6,000,000				164,400	02/07/2019	1
Q3972#-AB-2	GFN ASIA PACIFIC HLDGS PTY LTD 11.900%	D	09/25/22	Call 102.0000		22,178,674	21,743,798	21,743,798	21,180,834						21,743,798				997,841	09/25/2022	5G1
Q4436#-AA-2	HALLETT HILL NO. 2 PTY LTD SR-SEC 3.780%	D	06/27/27	Redemption 100.0000		115,691	115,691	115,691	115,691						115,691				1,093	06/27/2027	2FE

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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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
04436#-AB-0	HALLETT HILL NO. 2 PTY LTD SR-SEC 4.876% 06/27/27	B	03/27/2019	Redemption 100.0000		60,131	60,131	64,563	59,757					4,806	60,131	(4,433)		(4,433)	733	06/27/2027	2FE
07677#-AA-5	PLENARY HEALTH FINANCE CO PTY SERIES A 4.945% 07/02/40	B	01/01/2019	Redemption 100.0000		623,168	623,168	678,156	623,168					54,988	623,168	(54,988)		(54,988)		07/01/2040	1FE
08852#-AA-8	TAUMATA PLANTATIONS LMT PFD L CONVERTIBLE NOTE 6.720% 12/24/34	B	03/29/2019	Redemption 100.0000		2,233,470	2,233,470	1,503,800	1,445,756		783,257		783,257	52,972	2,233,470	(48,516)		(48,516)	19,101	12/24/2034	6*
X0940#-AC-7	CARGOTEC CORP C-SR-UNSEC 5.680% 02/21/19	D	02/21/2019	Maturity 10,000,000		10,000,000	10,000,000	10,000,000	10,000,000						10,000,000				284,000	02/21/2019	3
ZD4108-31-6	ATLAS 2014-1 SR-SEC 4.875% 12/15/39	D	03/15/2019	Paydown 628,754		628,754	628,754	628,754	628,754						628,754				5,017	12/15/2039	1FE
3899999	Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)					3,204,886,039	3,186,365,155	3,137,185,844	3,141,363,820	12,519	32,979,317	627,155	32,364,681	6,496,649	3,182,654,207	(7,924,344)	18,278,582	10,354,238	62,794,146	XXX	XXX
00100U-AG-7	ADS WASTE HOLDINGS ADS WASTE HOLDINGS 11/10/23		03/29/2019	Redemption 100.0000		45,501	45,501	45,413	45,401		100		100		45,501				15,686	11/10/2023	3FE
001021-AK-0	AE EUROPE HLDGS INC SR-UNSEC 10/21/23		02/12/2019	Redemption 100.0000		231,923	231,923	229,604	230,158		1,765		1,765		231,923				210	10/21/2023	4
00164D-AP-8	AMC ENTERTAINMENT HOLDINGS AMC ENTERTAINMENT HOLDINGS 12/15/23		01/15/2019	Redemption 100.0000		10,188	10,188	10,230	10,220		(33)		(33)		10,188				39	12/15/2023	3FE
00167J-AB-3	AM CONSERVATION GROUP INC SR-UNSEC 10/31/22		01/02/2019	Redemption 100.0000		23,265	23,265	23,068	23,125		140		140		23,265				95	10/31/2022	5GI
00168N-AA-5	AMC BUYER LLC SR-UNSEC 11/01/24		03/29/2019	Redemption 100.0000		29,212	29,212	28,920	28,925		287		287		29,212				484	11/01/2024	4Z
00173#-AA-7	AMC BUYER LLC SR-UNSEC 11/01/24		03/29/2019	Redemption 100.0000		10,512	10,512	10,459	10,459		52		52		10,512				174	11/01/2024	4Z
00186U-AB-5	A PLACE FOR MOM-INC. SR-UNSEC 08/10/24		03/29/2019	Redemption 100.0000		60,016	60,016	59,764	59,802		214		214		60,016				292	08/10/2024	5
00190N-AJ-8	PODS LLC PODS LLC 12/06/24		03/29/2019	Redemption 100.0000		18,019	18,019	17,899	17,901		117		117		18,019				228	12/06/2024	4FE
00248*-AB-8	AWP INC SR-UNSEC 06/08/21		01/02/2019	Redemption 100.0000		31,250	31,250	30,938	31,082		168		168		31,250				578	06/08/2021	4
00400Y-AH-4	ACADEMY LTD ACADEMY LTD 07/03/22		03/29/2019	Redemption 100.0000		140,549	140,549	140,563	140,557		(8)		(8)		140,549				323	07/03/2022	5FE
00488P-AK-1	ACRISURE LLC ACRISURE LLC 11/22/23		03/29/2019	Redemption 100.0000		10,500	10,500	10,487	10,488		12		12		10,500				108	11/22/2023	4FE
00766W-AT-0	AECOM TECHNOLOGY AECOM TECHNOLOGY 03/13/25		03/29/2019	Redemption 100.0000		13,313	13,313	13,313	13,313						13,313				143	03/13/2025	3FE
00866#-AB-7	AHEAD, LLC SR-UNSEC 06/29/23		03/29/2019	Redemption 100.0000		2,990,889	2,990,889	2,975,935	2,977,231		13,658		13,658		2,990,889				33,675	06/29/2023	4
01310T-AU-3	ALBERTSON'S LLC ALBERTSON'S LLC 06/22/23		03/29/2019	Redemption 100.0000		7,600	7,600	7,503	7,524		76		76		7,600				143	06/22/2023	3FE
01310T-AV-1	ALBERTSON'S LLC ALBERTSON'S LLC 11/17/25		03/29/2019	Redemption 100.0000		116,256	116,256	115,891	115,896		360		360		116,256				1,440	11/17/2025	3FE
01642P-AW-6	ALIXPARTNERS LLP ALIXPARTNERS LLP 04/04/24		03/29/2019	Redemption 100.0000		52,614	52,614	52,734	52,705		(91)		(91)		52,614				87,785	04/04/2024	4FE
01973J-AH-2	ALLISON TRANSMISSION INC ALLISON TRANSMISSION INC 09/23/22		03/29/2019	Redemption 100.0000		13,040,192	13,040,192	13,089,093	13,084,028		(43,836)		(43,836)		13,040,192				148,130	09/23/2022	3FE
02079#-AB-4	ALPHA PACKAGING HLDGS INC SR-UNSEC 05/12/20		03/29/2019	Redemption 100.0000		12,375	12,375	12,375	12,375						12,375				213	05/12/2020	5
02079#-AD-0	ALPHA PACKAGING HLDGS INC SR-UNSEC 05/12/20		03/29/2019	Redemption 100.0000		20,625	20,625	20,573	20,600		25		25		20,625				319	05/12/2020	5
02474R-AF-0	ABC SUPPLY CO INC ABC SUPPLY CO INC 10/31/23		03/29/2019	Redemption 100.0000		84,573	84,573	84,611	84,606		(33)		(33)		84,573				857	10/31/2023	4FE
03217F-AH-2	AMISPEC SERVICES INC SR-UNSEC 07/02/24		03/29/2019	Redemption 100.0000		230,769	230,769	230,769	131,086						230,769				3,701	07/02/2024	4Z
03217F-AJ-8	AMISPEC SERVICES INC SR-UNSEC 07/02/24		03/29/2019	Redemption 100.0000		54,808	54,808	54,397	54,421		387		387		54,808				1,029	07/02/2024	4
03765V-AH-3	PRIME SECURITY SERVICES BOR PRIME SECURITY SERVICES BOR 05/02/22		03/31/2019	Redemption 100.0000		92,367	92,367	92,367	92,367						92,367				1,082	05/02/2022	3FE

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										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
03970J-AD-0	CHILL MERGER SUB INC CHILL MERGER SUB INC 03/20/24		02/08/2019	Redemption 100.0000		580,433	580,433	581,884	581,711		(1,279)		(1,279)		580,433				3,784	03/20/2024	4FE
040448-A*-3	NASCO HEALTHCARE INC SR-UNSEC 06/30/21		03/29/2019	Redemption 100.0000		38,380	38,380	38,188	38,289		91		91		38,380				2,444	06/30/2021	5
04262B-AC-4	ARNOTT LLC SR-UNSEC 06/15/24 ASSOCIATED PATHOLOGISTS LLC SR-UNSEC		01/02/2019	Redemption 100.0000		23,000	23,000	22,770	22,809		191		191		23,000				397	06/15/2024	5G1
04575X-AC-8	ASSOCIATED PATHOLOGISTS LLC SR-UNSEC 08/02/21		01/02/2019	Redemption 100.0000		66,195	66,195	65,533	65,819		377		377		66,195				353	08/02/2021	4
04575X-AD-6	ASSUREDPARTNERS INC ASSUREDPARTNERS INC 08/01/22		01/02/2019	Redemption 100.0000		12,297	12,297	12,174	12,216		81		81		12,297				70	08/01/2022	4
04621H-AK-9	ASURION LLC ASURION LLC 08/04/22		03/29/2019	Redemption 100.0000		79,853	79,853	79,852	79,844		9		9		79,853				1,123	10/22/2024	4FE
04649V-AT-7	ASURION LLC ASURION LLC 08/04/22		03/29/2019	Redemption 100.0000		342,739	342,739	344,453	344,012		(1,272)		(1,272)		342,739				3,570	08/04/2022	4FE
04649V-AV-2	ASURION LLC ASURION LLC 11/03/23 AUTOMOTIVE REMARKETING GROUP I SR-UNSEC		03/29/2019	Redemption 100.0000		3,731	3,731	3,748	3,746		(15)		(15)		3,731				46	11/03/2023	4FE
053333#-AB-9	03/20/20		03/29/2019	Redemption 100.0000		95,127	95,127	94,192	85,357		455		455		95,127				1,517	03/20/2020	4
05365@-AA-4	AVETTA LLC SR-UNSEC 04/10/24 AVIS BUDGET CAR RENTAL LLC AVIS BUDGET CAR RENTAL LLC		03/29/2019	Redemption 100.0000		32,927	32,927	32,630	32,656		271		271		32,927				588	04/10/2024	4
05377J-AP-7	02/13/25 AVOLON TLB BORROWER 1 US AVOLON TLB BORROWER 1 US		03/29/2019	Redemption 100.0000		23,121	23,121	23,150	23,147		(26)		(26)		23,121				255	02/13/2025	2FE
05400K-AE-0	01/15/25 BADGER SPORTSWEAR ACQUISITION SR-UNSEC		03/27/2019	Redemption 100.0000		8,034,235	8,034,235	8,036,083	8,035,914		(1,678)		(1,678)		8,034,235				965,709	01/15/2025	2FE
05655F-AC-7	09/09/23 BASS PRO GROUP LLC BASS PRO GROUP LLC		03/29/2019	Redemption 100.0000		29,684	29,684	29,392	29,462		222		222		29,684				239	09/09/2023	5
07014Q-AK-7	09/25/24 BEACON ROOFING SUPPLY INC BEACON ROOFING SUPPLY INC		03/29/2019	Redemption 100.0000		97,500	97,500	96,525	96,737		763		763		97,500				1,015	09/25/2024	4FE
07368R-AD-3	01/02/25 BERLIN PACKAGING LLC BERLIN PACKAGING LLC		03/29/2019	Redemption 100.0000		32,500	32,500	32,478	32,481		19		19		32,500				406	01/02/2025	4FE
08511L-AQ-1	11/07/25 BERLIN PACKAGING LLC BERLIN PACKAGING LLC		03/29/2019	Redemption 100.0000		50,219	50,219	50,128	50,133		86		86		50,219				608	11/07/2025	4FE
08511L-AS-7	11/07/25 BERRY PLASTICS GROUP INC BERRY PLASTICS GROUP INC		03/29/2019	Redemption 100.0000		13,750	13,750	13,200	13,200		550		550		13,750				125	11/07/2025	4FE
08579J-AJ-8	01/19/24 BOYD GAMING CORP BOYD GAMING CORP		03/29/2019	Redemption 100.0000		3,125	3,125	3,134	3,133		(8)		(8)		3,125				40	01/19/2024	3FE
10330J-AU-2	09/15/23 BROADSTREET PARTNERS INC BROADSTREET PARTNERS INC		01/10/2019	Redemption 100.0000		68,483	68,483	68,625	68,590		(107)		(107)		68,483				124	09/15/2023	3FE
11132V-AN-9	11/08/23 BROOK & WHITTLE HLDG CORP SR-UNSEC		03/29/2019	Redemption 100.0000		23,283	23,283	23,214	23,215		68		68		23,283				297	11/08/2023	4FE
11244@-AA-9	10/17/23 BROOK & WHITTLE HLDG CORP SR-UNSEC		03/29/2019	Redemption 100.0000		33,091	33,091	32,760	32,813		277		277		33,091				308	10/17/2023	5
11244@-AB-7	10/17/23 CDS US INTERMEDIATE HOLD CDS US INTERMEDIATE HOLD		03/29/2019	Redemption 100.0000		3,852	3,852	3,852	3,852						3,852				80	10/17/2023	4Z
12512K-AG-6	07/08/22 CHG HEALTHCARE SERVICES INC CHG HEALTHCARE SERVICES INC		03/29/2019	Redemption 100.0000		17,446	17,446	17,486	17,476		(30)		(30)		17,446				273	07/08/2022	4FE
12541H-AR-4	06/07/23 CH HOLD CORP CH HOLD CORP		03/29/2019	Redemption 100.0000		311	311	314	313		(2)		(2)		311				4	06/07/2023	4FE
12543B-AH-7	02/01/24 CHS/COMMUNITY HEALTH SYS IN CHS/COMMUNITY HEALTH SYS IN		02/05/2019	Redemption 100.0000		7,716,385	7,716,385	7,750,893	7,743,153		(26,768)		(26,768)		7,716,385				44,622	02/01/2024	4FE
12543K-AN-4	01/27/21 CNT HOLDINGS III CORP CNT HOLDINGS III CORP		03/06/2019	Redemption 100.0000		1,610,240	1,610,240	1,561,429	1,590,111		20,129		20,129		1,610,240				23,435	01/27/2021	4FE
12594E-AD-8	01/22/23 CASCADE DRILLING LP SR-UNSEC		03/29/2019	Redemption 100.0000		51,791	51,791	51,996	51,931		(140)		(140)		51,791				729	01/22/2023	4FE
14726@-AA-0	02/22/21		01/02/2019	Redemption 100.0000		18,032	18,032	17,852	17,947		86		86		18,032				188	02/22/2021	5

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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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange 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 Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
147270-AA-9	CASCADE DRILLING LP SR-UNSEC 02/22/21		01/02/2019	Redemption	100.0000	16,044	16,044	15,954	15,997		47		47		16,044				122	02/22/2021	5
147270-AB-7	CASCADE DRILLING LP SR-UNSEC 02/19/21		01/02/2019	Redemption	100.0000	15,695	15,695	15,625	15,656		39		39		15,695				27	02/19/2021	5
147270-AC-5	CASCADE DRILLING LP SR-UNSEC 02/22/21		01/02/2019	Redemption	100.0000	26,949	26,949	26,949	26,949						26,949					02/22/2021	5
15911A-AC-7	CHANGE HEALTHCARE HOLDINGS CHANGE HEALTHCARE HOLDINGS 03/01/24		03/29/2019	Redemption	100.0000	127,603	127,603	127,551	127,567		36		36		127,603				1,325	03/01/2024	4FE
16706E-AC-6	CHI DOORS HOLDINGS CORP CHI DOORS HOLDINGS CORP 07/31/22		03/29/2019	Redemption	100.0000	53,262	53,262	53,245	53,254		8		8		53,262				690	07/31/2022	4FE
18271*-AA-2	CLARUS GLASSBOARDS LLC SR-UNSEC 06/06/24		03/29/2019	Redemption	100.0000	63,140	63,140	62,794	62,821		319		319		63,140				356	06/06/2024	5
18449E-AE-0	CLEAN HARBORS INC CLEAN HARBORS INC 06/28/24		03/29/2019	Redemption	100.0000	33,586	33,586	33,572	33,573		13		13		33,586				322	06/28/2024	3FE
18913E-AB-3	ALPHABET HOLDING CO INC ALPHABET HOLDING CO INC 09/28/24		03/29/2019	Redemption	100.0000	73,125	73,125	72,759	72,819		306		306		73,125				903	09/28/2024	4FE
19286#-AD-3	COLD SPRING BREWING CO SR-UNSEC 05/15/24		01/03/2019	Redemption	100.0000	58,045	58,045	57,465	57,514		532		532		58,045					05/15/2024	4Z
20007*-AA-9	COMAR HLDG CO LLC SR-UNSEC 06/18/24		03/29/2019	Redemption	100.0000	37,500	37,500	37,125	37,151		349		349		37,500				485	06/18/2024	4
20337E-AN-1	COMSCOPE INC COMSCOPE INC 12/29/22		02/28/2019	Redemption	100.0000	3,856,500	3,856,500	3,873,391	3,868,978		(12,478)		(12,478)		3,856,500				28,513	12/29/2022	3FE
20589K-AD-4	CONCENTRA INC CONCENTRA INC 06/01/22		03/08/2019	Redemption	100.0000	175,257	175,257	170,073	29,310		5,194		5,194		175,257				829	06/01/2022	4FE
212570-AA-2	CONVEY HEALTH SOLUTIONS INC SR-UNSEC 11/16/24		03/29/2019	Redemption	100.0000	25,000	25,000	24,750	24,754		246		246		25,000				414	11/16/2024	4Z
22235C-AC-8	COUNTRY FRESH HLDGS LLC SR-UNSEC 03/31/23		01/30/2019	Redemption	100.0000	9,492	9,492	9,367	9,393		99		99		9,492					03/31/2023	4
22284M-AK-8	COVENANT SURGICAL PARTNERS INC SR-UNSEC 10/04/24		03/29/2019	Redemption	100.0000	12,372	12,372	12,348	12,351		21		21		12,372				161	10/04/2024	4FE
22526W-AH-1	CREATIVE ARTISTS AGENCY LLC CREATIVE ARTISTS AGENCY LLC 02/15/24		03/29/2019	Redemption	100.0000	99,106	99,106	100,022	100,689		(1,584)		(1,584)		99,106				1,252	02/15/2024	4FE
22818R-AW-6	CROWN AMERICAS LLC CROWN AMERICAS LLC 04/03/25		01/18/2019	Redemption	100.0000	3,110,870	3,110,870	3,140,217	3,137,608		(26,739)		(26,739)		3,110,870				10,838	04/03/2025	2FE
23340D-AN-2	DTZ US BORROWER LLC DTZ US BORROWER LLC 08/21/25		03/29/2019	Redemption	100.0000	195,750	195,750	194,771	194,810		940		940		195,750				2,754	08/21/2025	4FE
23918Y-AC-2	DAVITA HEALTHCARE PARTNE DAVITA HEALTHCARE PARTNE 06/24/21		03/29/2019	Redemption	100.0000	60,294	60,294	60,027	60,188		106		106		60,294				713	06/24/2021	2FE
25403#-AB-2	DILIGENT CORP SR-UNSEC 04/14/22		03/29/2019	Redemption	100.0000	58,800	58,800	58,061	58,348		451		451		58,800				1,054	04/14/2022	3PL
25403#-AD-8	DILIGENT CORP SR-UNSEC 04/14/22		03/29/2019	Redemption	100.0000	13,750	13,750	13,596	13,640		110		110		13,750				251	04/14/2022	3PL
25403#-AE-6	DILIGENT CORP SR-UNSEC 04/14/22		03/29/2019	Redemption	100.0000	14,409	14,409	14,229	14,263		146		146		14,409				263	04/14/2022	4
25403#-AF-3	DILIGENT CORP SR-UNSEC 04/14/22		03/29/2019	Redemption	100.0000	4,420	4,420	4,420	4,420						4,420				81	04/14/2022	4
25403#-AG-1	DILIGENT CORP SR-UNSEC 04/14/22		03/29/2019	Redemption	100.0000	3,208	3,208	3,208	3,208						3,208				88	04/14/2022	4
26376M-AG-7	DUBOIS CHEMICALS INC DUBOIS CHEMICALS INC 03/15/24		03/29/2019	Redemption	100.0000	43,174	43,174	43,161	43,160		14		14		43,174				359	03/15/2024	4FE
26658N-AC-3	ENGINEERED MACHINERY HOL ENGINEERED MACHINERY HOL 07/19/24		03/29/2019	Redemption	100.0000	55,000	55,000	55,030	55,027		(27)		(27)		55,000				740	07/19/2024	4FE
26828K-AB-6	GOPHER RESOURCE LLC GOPHER RESOURCE LLC 03/06/25		03/29/2019	Redemption	100.0000	23,699	23,699	23,716	23,717		(18)		(18)		23,699				307	03/06/2025	4FE
26928B-AJ-8	EII SCRIPPS CO EII SCRIPPS CO 10/02/24		03/29/2019	Redemption	100.0000	22,938	22,938	22,957	22,955		(17)		(17)		22,938				233	10/02/2024	3FE

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										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
..28047H-AB-4	EDGEWOOD PARTNERS HLDGS LLC SR-UNSEC 09/08/24		03/26/2019	Tax Free Exchange		2,131,371	2,131,371	2,131,371	2,131,371						2,131,371				15,894	09/08/2024	5
..28047H-AC-2	EDGEWOOD PARTNERS HLDGS LLC SR-UNSEC 09/08/24		03/29/2019	Redemption 100.0000		49,854	49,854	49,656	44,302		170		170		49,854				438	09/08/2024	5
..28656L-AN-1	ELIASSEN GROUP LLC SR-UNSEC 11/05/24		03/29/2019	Redemption 100.0000		6,875	6,875	6,841	6,841		34		34		6,875				80	11/05/2024	4Z
..29102E-AG-0	PRESS GANEY HOLDINGS INC PRESS GANEY HOLDINGS INC 10/23/23		03/29/2019	Redemption 100.0000		53,250	53,250	53,556	53,522		(272)		(272)		53,250				630	10/23/2023	4FE
..29273P-AB-9	ENDO PARENT INC SR-UNSEC 08/18/23		03/29/2019	Redemption 100.0000		7,521	7,521	7,521	7,521						7,521				116	08/18/2023	4
..29273P-AC-7	ENDO PARENT INC SR-UNSEC 08/18/23		03/29/2019	Redemption 100.0000		12,850	12,850	12,722	12,758		93		93		12,850				222	08/18/2023	4
..29273P-AE-3	PHYSICIANS ENDOSCOPY-L.L.C. SR-UNSEC 08/18/23		03/29/2019	Redemption 100.0000		7,030	7,030	7,030	7,030						7,030				109	08/18/2023	4
..29373U-AC-5	ENVISION HEALTHCARE CORP ENVISION HEALTHCARE CORP 10/18/25		03/29/2019	Redemption 100.0000		117,500	117,500	117,206	117,213		287		287		117,500				1,532	10/18/2025	4FE
..30152@-AF-8	EXECUTIVE CONSULTING GROUP LLC SR-UNSEC 06/20/24		03/29/2019	Redemption 100.0000		37,500	37,500	37,125	37,152		348		348		37,500				601	06/20/2024	4
..30233F-AF-9	EYEMART EXPRESS LLC EYEMART EXPRESS LLC 08/05/24		03/29/2019	Redemption 100.0000		4,000	4,000	3,990	3,992		8		8		4,000				63	08/05/2024	4FE
..31560H-AC-3	FETCH ACQUISITION LLC SR-UNSEC 05/22/24		03/29/2019	Redemption 100.0000		49,813	49,813	49,563	49,608		205		205		49,813				718	05/22/2024	4FE
..31732F-AM-8	FILTRATION GROUP CORP FILTRATION GROUP CORP 03/29/25		03/29/2019	Redemption 100.0000		6,125	6,125	6,110	6,111		14		14		6,125				70	03/29/2025	4FE
..31740M-AC-5	FINANCIAL & RISK US HOLD FINANCIAL & RISK US HOLD 10/01/25		03/29/2019	Redemption 100.0000		158,750	158,750	158,353	158,363		387		387		158,750				2,235	10/01/2025	4FE
..32007U-BX-6	FIRST DATA CORP FIRST DATA CORP 04/26/24		02/11/2019	CREDIT SUISSE SECURITIES US LL		14,787,938	14,825,000	14,816,995	14,818,190		127		127		14,818,317		(30,380)	(30,380)	53,785	04/26/2024	3FE
..33936H-AB-8	FLEX ACQUISITION CO INC FLEX ACQUISITION CO INC 12/31/23		01/02/2019	Redemption 100.0000		62,250	62,250	62,185	62,197		53		53		62,250				268	12/31/2023	4FE
..33936H-AH-5	FLEX ACQUISITION CO INC FLEX ACQUISITION CO INC 06/30/25		01/02/2019	Redemption 100.0000		86,875	86,875	86,658	86,671		204		204		86,875				392	06/30/2025	4FE
..35645@-AA-3	FREEDOM US ACQUISITION CORP SR-UNSEC 11/10/20		03/29/2019	Redemption 100.0000		10,750	10,750	10,643	10,705		45		45		10,750				166	11/10/2020	4
..35645@-AC-9	FREEDOM US ACQUISITION CORP SR-UNSEC 11/10/20		03/31/2019	Redemption 100.0000		25,635	25,635	25,382	25,494		140		140		25,635				233	11/10/2020	4
..35645@-AD-7	FREEDOM US ACQUISITION CORP SR-UNSEC 11/10/20		03/29/2019	Redemption 100.0000		31,000	31,000	30,690	30,787		213		213		31,000				280	11/10/2020	4
..36174W-AB-9	GLOBAL KNOWLEDGE TRAINING-LLC SR-SEC 01/30/21		03/29/2019	Redemption 100.0000		25,000	25,000	25,000	25,000						25,000				397	01/30/2021	5FE
..36740U-AP-7	GATES GLOBAL LLC GATES GLOBAL LLC 04/01/24		03/29/2019	Redemption 100.0000		87,339	87,339	87,732	87,671		(333)		(333)		87,339				1,033	04/01/2024	4FE
..37233#-AB-3	PRECISION AVIATION GROUP INC SR-UNSEC 07/24/24		02/13/2019	Redemption 100.0000		225,000	225,000	225,000	225,000						225,000					07/24/2024	4
..37233#-AC-1	PRECISION AVIATION GROUP INC SR-UNSEC 07/24/24		03/29/2019	Redemption 100.0000		37,500	37,500	37,125	37,146		354		354		37,500				1,015	07/24/2024	4
..37244#-AA-2	GENSERVE LLC SR-UNSEC 04/12/24		03/29/2019	Redemption 100.0000		42,500	42,500	42,500	42,500						42,500				751	04/12/2024	5
..37249U-AN-6	GENTIVA HEALTH SERVICES GENTIVA HEALTH SERVICES 07/02/25		03/29/2019	Redemption 100.0000		47,219	47,219	46,747	46,771		448		448		47,219				724	07/02/2025	4FE
..37943V-BH-5	GLOBAL PAYMENTS INC GLOBAL PAYMENTS INC 10/18/25		03/29/2019	Redemption 100.0000		30,000	30,000	29,878	29,880		120		120		30,000				266	10/18/2025	3FE
..37958Y-AG-4	GLOBALTRANZ ENTERPRISES INC SR-UNSEC 06/30/25		03/29/2019	Redemption 100.0000		70,508	70,508	70,223	70,237		271		271		70,508				1,113	06/30/2025	4Z
..38216@-AB-4	GOOD2GROW LLC SR-UNSEC 11/16/24		03/29/2019	Redemption 100.0000		22,800	22,800	22,572	22,575		225		225		22,800				467	11/16/2024	4Z

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										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
38268P-AB-7	DG INVESTMENT INTERMEDI INTERMEDI 02/03/25		03/29/2019	Redemption 100.0000		45,925	45,925	46,008	45,994		(69)		(69)		45,925				.569	02/03/2025	4FE
39154E-AF-8	GREATBATCH LTD GREATBATCH LTD 10/27/22		03/01/2019	Redemption 100.0000		673,508	673,508	678,351	677,377		(3,869)		(3,869)		673,508				4,958	10/27/2022	4FE
40409V-AR-5	H.B. FULLER CO H.B. FULLER CO 10/21/24		03/01/2019	Redemption 100.0000		423,256	423,256	424,382	424,278		(1,022)		(1,022)		423,256				3,507	10/21/2024	3FE
42206J-AT-9	HD SUPPLY INC HD SUPPLY INC 10/17/23		03/29/2019	Redemption 100.0000		4,875	4,875	4,851	4,851		24		24		4,875				.47	10/17/2023	3FE
42804V-AS-0	HERTZ CORP HERTZ CORP 06/30/23		03/29/2019	Redemption 100.0000		47,640	47,640	47,461	47,516		124		124		47,640				.613	06/30/2023	3FE
42979A-AG-1	HIGH RIDGE BRANDS CO SR-UNSEC 06/30/22		03/29/2019	Redemption 100.0000		38,024	38,024	37,644	37,770		253		253		38,024				.383	06/30/2022	4PL
43129*-AA-4	HILB GROUP LLC-THE FIRST LIEN NEW TERM LOAN 06/24/21		03/29/2019	Redemption 100.0000		62,263	62,263	61,357	61,780		483		483		62,263				1,150	06/24/2021	5
43129*-AB-2	HILB GROUP LLC-THE SR-UNSEC 06/24/21		03/29/2019	Redemption 100.0000		10,670	10,670	10,670	8,866						10,670				.181	06/24/2021	5
44043V-AJ-7	HORIZON PHARMA INC HORIZON PHARMA INC 03/29/24		03/18/2019	Redemption 100.0000		5,867,784	5,867,784	5,800,543	5,800,974		66,810		66,810		5,867,784				.70,088	03/29/2024	3FE
44108H-AH-4	HUB INTERNATIONAL LTD HUB INTERNATIONAL LTD 08/03/22		03/29/2019	Redemption 100.0000		24,996	24,996	25,064	25,050		(54)		(54)		24,996				.488	08/03/2022	4FE
44332E-AP-1	HUB INTERNATIONAL LTD HUB INTERNATIONAL LTD 04/25/25		03/29/2019	Redemption 100.0000		47,390	47,390	46,687	33,516		986		986		47,390				.677	04/25/2025	4FE
44969C-BJ-8	IQVIA INC IQVIA INC 06/11/25		03/29/2019	Redemption 100.0000		75,250	75,250	75,062	75,073		177		177		75,250				.783	06/11/2025	3FE
44988E-AE-3	SYNEOS HEALTH INC SYNEOS HEALTH INC 08/01/24		03/26/2019	Redemption 100.0000		5,122,898	5,122,898	5,139,372	5,137,871		(14,974)		(14,974)		5,122,898				51,201	08/01/2024	3FE
45109#-AA-9	ICONIC GROUP INC SR-UNSEC 05/15/24		03/29/2019	Redemption 100.0000		7,857	7,857	7,778	7,784		73		73		7,857				.98	05/15/2024	5
45320*-AA-6	IMPLEMENTATION MGMT ASSISTANCE SR-UNSEC 12/13/23		03/29/2019	Redemption 100.0000		25,000	25,000	24,750	24,786		214		214		25,000				.401	12/13/2023	1PL
45320*-AB-4	IMPLEMENTATION MGMT ASSISTANCE SR-UNSEC 12/13/23		03/29/2019	Redemption 100.0000		46,919	46,919	46,919	46,919						46,919				.666	12/13/2023	1PL
45320*-AC-2	IMPLEMENTATION MGMT ASSISTANCE SR-UNSEC 12/13/23		01/02/2019	Redemption 100.0000		210,000	210,000	210,000	210,000						210,000					12/13/2023	5GI
45672J-AK-6	INEOS US FINANCE LLC INEOS US FINANCE LLC 03/31/24		03/29/2019	Redemption 100.0000		33,750	33,750	33,927	33,905		(155)		(155)		33,750				.342	03/31/2024	3FE
45719#-AA-3	INNHANCE TECHNOLOGIES HLDGS LLC SR-UNSEC 07/16/24		01/04/2019	Redemption 100.0000		35,407	35,407	35,230	35,238		169		169		35,407					07/16/2024	4Z
45781B-AE-5	INOVALON HOLDINGS INC INOVALON HOLDINGS INC 04/02/25		01/02/2019	Redemption 100.0000		99,375	99,375	97,884	98,013		1,362		1,362		99,375				.1	04/02/2025	4FE
46322E-AB-9	SOUND INPATIENT PHYSICIA SOUND INPATIENT PHYSICIA 07/31/25		03/29/2019	Redemption 100.0000		20,638	20,638	20,559	15,552		199		199		20,638				.233	07/31/2025	4FE
46611N-AJ-2	JC PENNEY CORP INC JC PENNEY CORP INC 06/23/23		03/29/2019	Redemption 100.0000		39,688	39,688	39,567	39,604		83		83		39,688				.918	06/23/2023	4FE
47009Y-AK-3	JAGUAR HOLDING CO II JAGUAR HOLDING CO II 08/18/22		03/29/2019	Redemption 100.0000		56,059	56,059	56,145	48,501		136		136		56,059				.624	08/18/2022	4FE
47630E-AB-4	JENSEN HUGHES INC SR-UNSEC 12/06/21		01/02/2019	Redemption 100.0000		3,760	3,760	3,760	3,760						3,760					12/06/2021	5GI
47630E-AD-0	JENSEN HUGHES INC SR-UNSEC 03/22/24		01/02/2019	Redemption 100.0000		20,506	20,506	20,301	20,362		143		143		20,506					03/22/2024	5GI
47630E-AE-8	JENSEN HUGHES INC SR-UNSEC 03/22/24		01/02/2019	Redemption 100.0000		7,392	7,392	7,324	7,331		61		61		7,392					03/22/2024	5GI
47630E-AJ-7	JENSEN HUGHES INC SR-UNSEC 03/22/24		01/02/2019	Redemption 100.0000		5,622	5,622	5,622	5,622						5,622					03/22/2024	5GI
48244E-AJ-3	KUEHG CORP KUEHG CORP 02/21/25		03/29/2019	Redemption 100.0000		46,178	46,178	45,912	45,913		264		264		46,178				.740	02/21/2025	4FE

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										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
48268J-AB-0	KSLB HLDGS LLC SR-UNSEC 07/30/23		01/07/2019	Redemption 100.0000		833,333	833,333	833,333	833,333						833,333				5,085	07/30/2023	561
48268J-AC-8	KSLB HLDGS LLC SR-UNSEC 07/30/25		03/29/2019	Redemption 100.0000		37,500	37,500	37,125	37,143		357		357		37,500				438	07/30/2025	3PL
48770T-AJ-2	KELLERMEYER BERGENSONS SERVICE INCREMENTAL TERM LOAN 10/31/21		03/29/2019	Redemption 100.0000		45,986	45,986	45,768	45,776		209		209		45,986					10/31/2021	4FE
48853U-AJ-6	KENAN ADVANTAGE GROUP KENAN ADVANTAGE GROUP 08/01/22		03/29/2019	Redemption 100.0000		44,802	44,802	44,711	44,744		58		58		44,802				555	08/01/2022	4FE
48853U-AZ-3	KENAN ADVANTAGE GROUP KENAN ADVANTAGE GROUP 07/31/22		03/29/2019	Redemption 100.0000		10,700	10,700	10,678	10,686		14		14		10,700				123	07/31/2022	4FE
49255#-AA-3	KESTRA FINANCIAL INC SR-UNSEC 06/24/22		03/29/2019	Redemption 100.0000		25,898	25,898	25,554	25,664		234		234		25,898				189	06/24/2022	5
50082#-AA-0	KRAMER LABORATORIES INC SR-UNSEC 06/22/24		03/29/2019	Redemption 100.0000		50,500	50,500	49,995	50,028		472		472		50,500				920	06/22/2024	2PL
50215L-A*-0	LRN CORP SR-UNSEC 12/17/24		01/17/2019	Redemption 100.0000		750,000	750,000	750,000	750,000						750,000				4,979	12/17/2024	4Z
50217U-AS-6	LTI HOLDINGS INC LTI HOLDINGS INC 09/08/25		03/29/2019	Redemption 100.0000		25,188	25,188	25,137	25,138		49		49		25,188				340	09/08/2025	4FE
513076-AZ-2	LAMAR MEDIA CORP LAMAR MEDIA CORP 03/16/25		03/29/2019	Redemption 100.0000		14,063	14,063	14,045	14,047		16		16		14,063				147	03/16/2025	2FE
51783Q-AP-3	LAS VEGAS SANDS LLC LAS VEGAS SANDS LLC 03/27/25		03/29/2019	Redemption 100.0000		64,851	64,851	64,239	54,535		1,003		1,003		64,851				575	03/27/2025	2FE
51808#-AA-3	LASIK VISION INSTITUTE SR-UNSEC 03/31/20		03/01/2019	Redemption 100.0000		4,408,509	4,408,509	2,538,761	2,527,590		1,869,748		1,869,748		4,408,509				76,885	03/31/2020	561
53627M-AB-9	LIONS GATE CAPITAL HOLD LIONS GATE CAPITAL HOLD 03/24/25		03/29/2019	Redemption 100.0000		897,263	897,263	897,263	897,263						897,263				9,602	03/24/2025	3FE
53631U-AF-6	LIQUI-BOX HLDGS INC SR-UNSEC 10/01/21		01/24/2019	Redemption 100.0000		541,197	541,197	539,025	540,004		1,193		1,193		541,197				10,348	10/01/2021	5
55280F-AG-6	MA FINANCECO LLC MA FINANCECO LLC 06/21/24		01/31/2019	Redemption 100.0000		9,091	9,091	9,068	9,073		18		18		9,091				39	06/21/2024	4FE
55282C-AB-2	MAG DS CORP SR-UNSEC 06/06/25		03/29/2019	Redemption 100.0000		34,301	34,301	33,958	24,130		328		328		34,301				303	06/06/2025	4
55292S-AB-5	MBS HLDGS INC SR-UNSEC 07/02/23		03/31/2019	Redemption 100.0000		37,500	37,500	37,313	37,328		172		172		37,500				619	07/02/2023	5
55303K-AC-7	MGM GROWTH PROPERTIES MGM GROWTH PROPERTIES 03/25/25		03/29/2019	Redemption 100.0000		134,308	134,308	134,384	134,370		(62)		(62)		134,308				1,362	03/25/2025	3FE
55357G-AH-0	MSHC INC SR-UNSEC 07/31/23		01/09/2019	Tax Free Exchange		11,698,709	11,717,737	11,697,314	11,698,631		77		77		11,698,709					07/31/2023	5
55385#-AA-5	MTC INTERMEDIATE HOLDCO INC SR-UNSEC 01/30/23		03/29/2019	Redemption 100.0000		24,584,695	24,584,695	24,342,901	21,557,136		188,977		188,977		24,584,695				296,352	01/30/2023	4
55385#-AB-3	MTC INTERMEDIATE HOLDCO INC SR-UNSEC 01/30/23		01/18/2019	Tax Free Exchange		2,838,581	2,864,580	2,835,934	2,838,330		251		251		2,838,581					01/30/2023	4Z
55936#-AA-7	TRUMP CARD HLDGS LLC SR-UNSEC 04/21/22		03/29/2019	Redemption 100.0000		417,000	417,000	412,830	413,282		3,718		3,718		417,000				(968)	04/21/2022	2PL
55936#-AB-5	TRUMP CARD HLDGS LLC SR-UNSEC 04/21/22		01/31/2019	Redemption 100.0000		60,000	60,000	60,000	60,000						60,000					04/21/2022	2PL
56032Y-AE-9	MAILSOUTH INC SR-UNSEC 04/23/24		01/03/2019	Redemption 100.0000		49,500	49,500	49,005	49,049		451		451		49,500				2	04/23/2024	4
56032Y-AF-6	MAILSOUTH INC SR-UNSEC 04/24/23		03/29/2019	Redemption 100.0000		660,000	660,000	660,000	660,000						660,000					04/24/2023	4
56377#-AA-3	MANNA PRO PRODUCTS LLC SR-UNSEC 12/08/23		03/29/2019	Redemption 100.0000		67,708	67,708	66,693	66,835		873		873		67,708				575	12/08/2023	561
58711P-AQ-5	THE MEN'S WEARHOUSE INC THE MEN'S WEARHOUSE INC 04/09/25		02/01/2019	Redemption 100.0000		47,235	47,235	47,243	47,242		(7)		(7)		47,235				448	04/09/2025	3FE
58943P-AP-7	MEREDITH CORP MEREDITH CORP 01/31/25		01/31/2019	Redemption 100.0000		468,056	468,056	466,754	466,781		1,274		1,274		468,056				2,125	01/31/2025	3FE
59828*-AB-2	MIDWEST CAN COMPANY SR-UNSEC 04/11/24		03/29/2019	Redemption 100.0000		50,000	50,000	49,500	49,548		452		452		50,000				823	04/11/2024	4

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										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
..59870U-AG-1	MILACRON LLC MILACRON LLC 09/28/23		01/31/2019	Redemption 100.0000		150,290	150,290	150,523	150,485		(195)		(195)		150,290				.650	09/28/2023	4FE
..60315G-AD-0	MINERALS TECHNOLOGIES INC MINERALS TECHNOLOGIES INC 05/07/21		03/28/2019	Redemption 100.0000		1,712,500	1,712,500	1,708,219	1,710,252		2,248		2,248		1,712,500					05/07/2021	3FE
..605024-AQ-1	MISSION BROADCASTING INC MISSION BROADCASTING INC 01/17/24		01/02/2019	Redemption 100.0000		11,860	11,860	11,860	11,860						11,860					01/17/2024	3FE
..60662W-AM-4	MITCHELL INTERNATIONAL MITCHELL INTERNATIONAL 11/30/24		03/29/2019	Redemption 100.0000		82,750	82,750	82,323	82,373		377		377		82,750				1,164	11/30/2024	4FE
..60848*-AA-8	MOLD-RITE PLASTICS LLC SR-UNSEC 12/18/19		03/29/2019	Redemption 100.0000		24,129	24,129	24,008	24,097		32		32		24,129				.373	12/18/2019	4
..60848*-AB-6	MOLD-RITE PLASTICS LLC SR-UNSEC 12/14/21		03/29/2019	Redemption 100.0000		13,025	13,025	12,960	12,975		50		50		13,025				.209	12/14/2021	4
..62898@-AB-9	NDC INTERMEDIATE HLDGS LLC SR-UNSEC 02/01/22		03/29/2019	Redemption 100.0000		5,614	5,614	5,614	5,614						5,614				.75	02/01/2022	4
..62898@-AC-7	NDC INTERMEDIATE HLDGS LLC SR-UNSEC 02/01/22		03/29/2019	Redemption 100.0000		32,767	32,767	32,767	32,767						32,767				.440	02/01/2022	4
..62910P-AC-7	NFP CORP NFP CORP 01/08/24		03/29/2019	Redemption 100.0000		41,342	41,342	40,986	28,323		853		853		41,342				.506	01/08/2024	4FE
..62914D-AB-2	DRESSER NATURAL GAS SOLUTIONS SR-UNSEC 10/01/25		03/29/2019	Redemption 100.0000		12,450	12,450	12,388	12,389		61		61		12,450				.154	10/01/2025	4Z
..63773#-AA-7	NAT SPINE AND PAIN CENTERS LLC SR-UNSEC 06/02/24		03/29/2019	Redemption 100.0000		55,500	55,500	55,223	55,270		230		230		55,500				.324	06/02/2024	4
..638104-A*-0	NAT TECHNICAL SYSS INC SR-SEC 06/12/21		01/02/2019	Redemption 100.0000		59,330	59,330	59,330	59,330						59,330					06/12/2021	5
..64127U-AX-5	NEUSTAR INC NEUSTAR INC 08/08/24		03/29/2019	Redemption 100.0000		6,875	6,875	6,886	6,885		(10)		(10)		6,875				.93	08/08/2024	4FE
..65336R-AU-2	NEXSTAR BROADCASTING INC NEXSTAR BROADCASTING INC 01/17/24		03/28/2019	Redemption 100.0000		1,660,725	1,660,725	1,660,725	1,660,725						1,660,725				14,910	01/17/2024	3FE
..65340M-AN-3	NIACET CORP SR-UNSEC 02/01/24		03/29/2019	Redemption 100.0000		12,545	12,545	12,419	12,447		98		98		12,545				.147	02/01/2024	4
..65538U-AC-1	NONNI'S FOODS-LLC SR-UNSEC 12/01/23		01/02/2019	Redemption 100.0000		37,500	37,500	37,125	37,180		320		320		37,500				.18	12/01/2023	4Z
..65958#-AA-9	NORTH HAVEN CA HLDGS INC SR-UNSEC 10/07/22		03/28/2019	COMBINE CSPS Redemption 100.0000		15,000,000	15,000,000	15,000,000	15,000,000						15,000,000				401,908	10/07/2022	5G1
..65958#-AC-5	NORTH HAVEN CA HLDGS INC SR-UNSEC 10/01/23		03/29/2019	Redemption 100.0000		37,178	37,178	36,806	36,870		309		309		37,178				.638	10/01/2023	3PL
..66573E-AC-1	NORTHERN STAR INDUSTRIES INC SR-UNSEC 03/28/25		03/29/2019	Redemption 100.0000		9,875	9,875	9,826	9,830		45		45		9,875				.164	03/28/2025	4
..66989B-AC-5	NOVARIA HLDGS LLC SR-UNSEC 12/19/24		03/29/2019	Redemption 100.0000		18,056	18,056	17,875			181		181		18,056				.240	12/19/2024	4Z
..68162R-AD-3	WEST CORP WEST CORP 10/10/24		03/29/2019	Redemption 100.0000		14,375	14,375	14,357	14,358		17		17		14,375				.289	10/10/2024	3FE
..69012@-AB-5	OUTPUT SERVICES GROUP INC SR-UNSEC 03/26/24		01/24/2019	Tax Free Exchange		3,448,536	3,456,857	3,448,192	3,448,456		80		80		3,448,536					03/26/2024	4
..69012B-AB-2	OUTPUT SERVICES GROUP INC SR-UNSEC 03/26/24		03/29/2019	Redemption 100.0000		29,640	29,640	29,515	20,842		115		115		29,640				.415	03/26/2024	4FE
..69315J-AC-7	PAI HOLDCO INC SR-UNSEC 01/05/25		03/29/2019	Redemption 100.0000		48,608	48,608	48,350	48,391		217		217		48,608				.752	01/05/2025	5
..69315J-AD-5	PAI HOLDCO INC SR-UNSEC 01/05/25		03/29/2019	Redemption 100.0000		24,671	24,671	24,671	24,671						24,671				.425	01/05/2025	5
..69519U-AC-6	PACKERS HOLDINGS LLC PACKERS HOLDINGS LLC 12/04/24		03/29/2019	Redemption 100.0000		33,191	33,191	33,114	33,115		76		76		33,191				.455	12/04/2024	4FE
..69946E-AT-8	PAREXEL INTL CORP PAREXEL INTL CORP 09/27/24		03/29/2019	Redemption 100.0000		13,250	13,250	13,184	13,195		55		55		13,250				.157	09/27/2024	4FE
..70215E-AN-3	PARTY CITY HOLDINGS INC PARTY CITY HOLDINGS INC 08/19/22		03/29/2019	Redemption 100.0000		41,919	41,919	41,998	41,984		(65)		(65)		41,919				.513	08/19/2022	3FE

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										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
70359M-AB-7	PAULA'S CHOICE ACQUISITION CO I SR-UNSEC 10/16/23		03/29/2019	Redemption	100.0000	134,422	134,422	133,750	133,765		657		657		134,422				1,619	10/16/2023	4Z
707388-AS-3	PENN ENGINEERING & MANUFAC PENN ENGINEERING & MANUFAC 06/27/24		03/29/2019	Redemption	100.0000	32,250	32,250	32,366	32,343		(93)		(93)		32,250				283	06/27/2024	4FE
70757D-AV-1	PENN NATIONAL GAMING INC PENN NATIONAL GAMING INC 10/15/25		03/29/2019	Redemption	100.0000	51,250	51,250	51,200	51,201		49		49		51,250				693	10/15/2025	3FE
71584#-AA-9	PET SUPPLIES PLUS LLC SR-UNSEC 12/12/24		03/29/2019	Redemption	100.0000	25,000	25,000	24,750	24,751		249		249		25,000				419	12/12/2024	4Z
71584#-AB-7	PET SUPPLIES PLUS LLC SR-UNSEC 12/12/23		02/13/2019	Redemption	100.0000	1,395,349	1,395,349	1,395,349	1,395,349						1,395,349					12/12/2023	4Z
71645X-AC-3	PETROCHOICE HOLDINGS INC PETROCHOICE HOLDINGS INC 08/21/22		03/29/2019	Redemption	100.0000	32,143	32,143	31,339	31,665		478		478		32,143				906	08/21/2022	4FE
71677H-AG-0	PETSMART INC PETSMART INC 03/11/22		01/31/2019	Redemption	100.0000	96,500	96,500	96,667	96,604		(104)		(104)		96,500				831	03/11/2022	5FE
71712H-AB-8	PHARM-OLAM INTL LLC SR-UNSEC 02/01/23		01/02/2019	Redemption	100.0000	73,375	73,375	71,908	72,284		1,091		1,091		73,375				1,329	02/01/2023	4
71714D-AE-9	ISOLOGIC INNOVATIVE RADIOPHARM SR-UNSEC 06/11/23		03/29/2019	Redemption	100.0000	2,435	2,435	2,429	2,429		6		6		2,435				26	06/11/2023	5
71714D-AJ-8	ISOLOGIC INNOVATIVE RADIOPHARM SR-UNSEC 06/11/23		03/29/2019	Redemption	100.0000	8,480	8,480	8,458	8,460		19		19		8,480				92	06/11/2023	5
72584D-AE-4	KFC HOLDING CO KFC HOLDING CO 04/03/25		03/29/2019	Redemption	100.0000	19,886	19,886	19,935	19,931		(45)		(45)		19,886				208	04/03/2025	3FE
72749D-AC-0	PLANTRONICS INC PLANTRONICS INC 07/02/25		02/28/2019	Redemption	100.0000	2,105,882	2,105,882	2,096,235	2,096,764		9,118		9,118		2,105,882				13,201	07/02/2025	3FE
72761J-AD-8	PLASTIPAK HOLDINGS INC PLASTIPAK HOLDINGS INC 10/15/24		03/12/2019	WELLS FARGO		4,937,500	5,000,000	5,021,900	5,019,921		(622)		(622)		5,019,298		(81,798)	(81,798)	41,101	10/15/2024	3FE
72761J-AD-8	PLASTIPAK HOLDINGS INC PLASTIPAK HOLDINGS INC 10/15/24		03/29/2019	Redemption	100.0000	27,529	27,529	27,650	27,639		(110)		(110)		27,529				226	10/15/2024	3FE
72811H-AC-4	RECESS HOLDINGS INC RECESS HOLDINGS INC 09/30/24		03/29/2019	Redemption	100.0000	24,735	24,735	24,695	24,703		32		32		24,735				387	09/30/2024	4FE
72813@-AA-2	PLAYPOWER-INC. SR-UNSEC 06/23/21		03/29/2019	Redemption	100.0000	39,205	39,205	38,855	39,041		165		165		39,205				650	06/23/2021	4FE
73179Y-AH-0	POLYONE CORP POLYONE CORP 01/30/26		03/29/2019	Redemption	100.0000	36,225	36,225	36,406	36,541		(316)		(316)		36,225				465	01/30/2026	3FE
74044T-AB-5	PREGIS HOLDING I CORP PREGIS HOLDING I CORP 05/20/21		03/29/2019	Redemption	100.0000	42,998	42,998	42,770	42,882		115		115		42,998				686	05/20/2021	4FE
74274N-AC-7	PROAMPAC PG BORROWER LLC PROAMPAC PG BORROWER LLC 11/20/23		03/29/2019	Redemption	100.0000	23,081	23,081	23,273	23,384		(303)		(303)		23,081				132	11/20/2023	4FE
74347C-AF-7	PROQUEST LLC PROQUEST LLC 10/24/21		03/29/2019	Redemption	100.0000	91,702	91,702	92,906	92,525		(823)		(823)		91,702				1,188	10/24/2021	4FE
74929*-AA-1	RAVN AIR GROUP INC SR-UNSEC 07/30/21		03/29/2019	Redemption	100.0000	98,388	98,388	97,997	98,196		192		192		98,388				1,685	07/30/2021	5
74968E-AB-0	PMAB LLC SR-UNSEC 03/02/22		03/29/2019	Redemption	100.0000	41,735	41,735	41,527	41,593		142		142		41,735				692	03/02/2022	3PL
75000*-AA-0	RSC ACQUISITION INC SR-UNSEC 11/30/22		03/29/2019	Redemption	100.0000	57,840	57,840	57,373	57,542		298		298		57,840				742	11/30/2022	5
75000E-AB-7	RSC ACQUISITION INC SR-UNSEC 11/30/22		03/29/2019	Redemption	100.0000	10,925	10,925	10,925	10,925						10,925				188	11/30/2022	5
75621#-AA-5	RECIPE ACQUISITION CORP SR-UNSEC 09/30/22		03/29/2019	Redemption	100.0000	51,020	51,020	50,510	50,717		303		303		51,020				685	09/30/2022	5
75627@-AA-1	UPSTREAM REHABILITATION INC SR-UNSEC 01/03/24		03/29/2019	Redemption	100.0000	43,250	43,250	43,034	43,062		188		188		43,250				547	01/03/2024	4PL
76026@-AA-6	REP WINEX ACQUISITION PARENT LL SR-UNSEC 02/05/24		03/29/2019	Redemption	100.0000	23,524	23,524	23,524	23,524						23,524				360	02/05/2024	4
76121Q-AC-0	RESOURCE LABEL GROUP LLC SR-UNSEC 05/26/23		01/02/2019	Redemption	100.0000	37,382	37,382	37,008	37,091		291		291		37,382				171	05/26/2023	4

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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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
76970R-AC-0	ROAD INFRASTRUCTURE INVESTME ROAD INFRASTRUCTURE INVESTME 06/13/23		03/29/2019	Redemption 100.0000		36,531	36,531	36,742	36,689		(158)		(158)		36,531				189	06/13/2023	4FE
78409X-AF-7	SCS HOLDINGS I INC SCS HOLDINGS I INC 10/30/22		02/28/2019	Redemption 100.0000		1,834,857	1,834,857	1,841,081	1,839,116		(4,259)		(4,259)		1,834,857				16,479	10/30/2022	4FE
78466D-AZ-7	SS&C TECHNOLOGIES INC SS&C TECHNOLOGIES INC 07/08/22		03/29/2019	Redemption 100.0000		87,703	87,703	88,251	88,077		(375)		(375)		87,703				939	07/08/2022	3FE
78466D-BD-5	SS&C TECHNOLOGIES INC SS&C TECHNOLOGIES INC 04/16/25		03/29/2019	Redemption 100.0000		3,751,746	3,751,746	3,742,366	3,743,190		8,555		8,555		3,751,746				24,681	04/16/2025	3FE
78466D-BF-0	SS&C TECHNOLOGIES INC SS&C TECHNOLOGIES INC 04/16/25		03/29/2019	Redemption 100.0000		63,011	63,011	61,611	61,629		1,382		1,382		63,011				341	04/16/2025	3FE
78484*-AA-9	SPI LLC SR-UNSEC 11/01/23		03/29/2019	Redemption 100.0000		25,250	25,250	24,998	25,004		246		246		25,250				454	11/01/2023	4Z
784932-A*-6	SABA SOFTWARE INC SR-UNSEC 05/01/23		03/29/2019	Redemption 100.0000		891,807	891,807	882,832	884,943		6,864		6,864		891,807				8,929	05/01/2023	3PL
78571Y-BB-5	SABRE GLBL INC SABRE GLBL INC 02/22/24		03/29/2019	Redemption 100.0000		5,507	5,507	5,512	5,511		(4)		(4)		5,507				56	02/22/2024	3FE
78956#-AA-4	ST. GEORGE WAREHOUSING & TRUCK SUB UNSECURED 04/28/22		01/02/2019	Redemption 100.0000		205,745	205,745	205,745	205,745						205,745				(4,567)	04/28/2022	5
79471X-AC-5	SALIENT CRGT INC SR-UNSEC 02/28/22		03/29/2019	Redemption 100.0000		125,000	125,000	122,500	123,274		1,726		1,726		125,000				1,720	02/28/2022	4FE
79546K-AE-0	SALLY HOLDINGS LLC SALLY HOLDINGS LLC 07/05/24		03/29/2019	Redemption 100.0000		19,391	19,391	19,367	19,347		44		44		19,391				230	07/05/2024	3FE
80306Y-AA-6	SAPPHIRE TELECOM INC SR-UNSEC 11/20/25		03/29/2019	Redemption 100.0000		50,000	50,000	49,500	49,504		496		496		50,000				495	11/20/2025	4Z
80358T-AC-0	PROMETRIC HOLDINGS INC PROMETRIC HOLDINGS INC 01/29/25		03/29/2019	Redemption 100.0000		17,863	17,863	17,789	17,792		70		70		17,863				241	01/29/2025	4FE
80862Q-AD-3	SCIENCE APPLICATIONS INTERN SCIENCE APPLICATIONS INTERN 10/31/25		01/31/2019	Redemption 100.0000		37,500	37,500	37,313	37,316		184		184		37,500				138	10/31/2025	3FE
80875A-AP-6	SCIENTIFIC GAMES INTERNATIO SCIENTIFIC GAMES INTERNATIO 08/14/24		03/29/2019	Redemption 100.0000		157,356	157,356	158,024	157,943		(587)		(587)		157,356				1,896	08/14/2024	4FE
81271E-AB-7	SEATTLE SPINCO INC SEATTLE SPINCO INC 06/21/24		01/31/2019	Redemption 100.0000		61,393	61,393	61,240	61,272		121		121		61,393				266	06/21/2024	4FE
81527C-AL-1	SEGGIWOX CMS INC SEGGIWOX CMS INC 12/31/25		03/29/2019	Redemption 100.0000		50,000	50,000	49,875			125		125		50,000				624	12/31/2025	4FE
81722K-AD-4	CHASE INDUSTRIES INC SR-UNSEC 05/11/25		01/09/2019	Redemption 100.0000		968	968	968	968						968					05/11/2025	4Z
82568Q-AF-1	SHUTTERFLY INC SHUTTERFLY INC 08/19/24		03/29/2019	Redemption 100.0000		92,932	92,932	92,468	92,549		383		383		92,932				585	08/19/2024	3FE
82568Q-AH-7	SHUTTERFLY INC SHUTTERFLY INC 08/19/24		03/29/2019	Redemption 100.0000		5,328,201	5,328,201	5,314,881	5,316,071		12,130		12,130		5,328,201				70,437	08/19/2024	3FE
83174#-AA-0	SMILE DOCTORS LLC SR-UNSEC 10/06/22		03/29/2019	Redemption 100.0000		35,570	35,570	35,378	35,417		153		153		35,570				659	10/06/2022	2PL
83174#-AB-8	SMILE DOCTORS LLC SR-UNSEC 10/06/22		01/09/2019	Redemption 100.0000		1,306	1,306	1,306	1,306						1,306				2	10/06/2022	4
83415Y-AA-8	SOLARAY LLC SR-UNSEC 09/08/23		02/12/2019	Redemption 100.0000		(12,272)	(12,272)	(12,170)	(12,272)						(12,272)				(82)	09/08/2023	4
83415Y-AC-4	SOLARAY LLC SR-UNSEC 09/08/23		02/12/2019	Redemption 100.0000		10,092	10,092	10,092	10,092						10,092				118	09/08/2023	4
84763N-AB-6	KPEX HOLDINGS INC KPEX HOLDINGS INC 01/31/25		03/29/2019	Redemption 100.0000		19,508	19,508	19,484	19,486		22		22		19,508				274	01/31/2025	4FE
84850X-AG-7	SPIN HOLDCO INC SPIN HOLDCO INC 11/14/22		03/29/2019	Redemption 100.0000		104,152	104,152	104,717	104,620		(468)		(468)		104,152				1,517	11/14/2022	4FE
855031-AP-5	STAPLES INC STAPLES INC 09/12/24		02/01/2019	Redemption 100.0000		125,000	125,000	124,688	124,734		266		266		125,000				1,953	09/12/2024	4FE
85940X-AC-5	STERLING MIDCO HLDGS INC STERLING MIDCO HLDGS INC 06/19/24		03/29/2019	Redemption 100.0000		109,746	109,746	110,036	109,992		(246)		(246)		109,746				1,081	06/19/2024	4FE

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										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange 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 Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
..86276K-AC-5	STRATEGIC PARTNERS ACQ STRATEGIC PARTNERS ACQ 06/30/23		03/29/2019	Redemption	100.0000	16,150	16,150	16,230	16,220			(70)	(70)		16,150				227	06/30/2023	4FE
..86880N-AU-7	SURGERY CENTER HOLDINGS INC SURGERY CENTER HOLDINGS INC 09/03/24		03/29/2019	Redemption	100.0000	54,219	54,219	54,204	54,207			13	13		54,219				512	09/03/2024	4FE
..87239P-AD-6	VISTRA OPERATIONS CO LLC VISTRA OPERATIONS CO LLC 08/04/23		03/29/2019	Redemption	100.0000	20,201	20,201	20,262	20,252			(51)	(51)		20,201				205	08/04/2023	2FE
..87305V-AH-3	TTM TECHNOLOGIES INC TTM TECHNOLOGIES INC 09/28/24		02/01/2019	Redemption	100.0000	40,337	40,337	40,237	40,245			92	92		40,337				304	09/28/2024	3FE
..87422L-AK-6	TALEN ENERGY SUPPLY LLC TALEN ENERGY SUPPLY LLC 07/14/23		03/29/2019	Redemption	100.0000	50,187	50,187	49,873	49,947			239	239		50,187				746	07/14/2023	3FE
..87817J-AE-8	TEAM HEALTH HOLDINGS INC TEAM HEALTH HOLDINGS INC 02/06/24		03/29/2019	Redemption	100.0000	73,778	73,778	73,482	73,541			237	237		73,778				873	02/06/2024	4FE
..88023H-AC-4	TEMPO ACQUISITION LLC TEMPO ACQUISITION LLC 05/01/24		03/29/2019	Redemption	100.0000	50,000	50,000	49,859	49,880			110	110		50,000				619	05/01/2024	4FE
..88166U-AC-2	XPERI CORP XPERI CORP 12/01/23		03/04/2019	RBC DAIN RAUSCHER INC	100.0000	9,689,938	9,850,000	9,874,625	9,871,148			(769)	(769)		9,870,379		(180,441)	(180,441)	80,897	12/01/2023	4FE
..88166U-AC-2	XPERI CORP XPERI CORP 12/01/23		03/29/2019	Redemption	100.0000	711,370	711,370	710,878	710,768			602	602		711,370				7,224	12/01/2023	4FE
..88233F-AK-6	VISTRA OPERATIONS CO LLC VISTRA OPERATIONS CO LLC 12/31/25		03/29/2019	Redemption	100.0000	109,079	109,079	108,942	108,951			128	128		109,079				1,201	12/31/2025	2FE
..88751E-AC-9	TINICUM VOLTAGE INTERMEDIATE H SR-UNSEC 11/22/24		03/29/2019	Redemption	100.0000	31,500	31,500	31,185	31,224			276	276		31,500				375	11/22/2024	4
..89334G-AU-8	TRANS UNION LLC TRANS UNION LLC 04/09/23		03/29/2019	Redemption	100.0000	110,604	110,604	110,589	110,592			12	12		110,604				1,121	04/09/2023	3FE
..89334G-AV-6	TRANS UNION LLC TRANS UNION LLC 06/19/25		03/29/2019	Redemption	100.0000	14,750	14,750	14,713	14,715			35	35		14,750				150	06/19/2025	3FE
..89364M-BM-5	TRANSDIGM INC TRANSDIGM INC 08/22/24		03/29/2019	Redemption	100.0000	17,588	17,588	17,588	17,588						17,588				198	08/22/2024	3FE
..89364M-BN-3	TRANSDIGM INC TRANSDIGM INC 05/30/25		03/29/2019	Redemption	100.0000	7,519	7,519	7,519	7,519						7,519				85	05/30/2025	4FE
..89364M-BP-8	TRANSDIGM INC TRANSDIGM INC 06/09/23		03/29/2019	Redemption	100.0000	69,875	69,875	69,692	69,711			164	164		69,875				719	06/09/2023	3FE
..89388H-AB-3	TRANSPORTATION INSIGHT LLC SR-UNSEC 12/18/24		01/02/2019	Redemption	100.0000	44,388	44,388	43,944	43,964			423	423		44,388				19	12/18/2024	4Z
..89388H-AC-1	TRANSPORTATION INSIGHT LLC SR-UNSEC 08/31/24		03/27/2019	Tax Free Exchange	100.0000	4,081,633	4,081,633	4,081,633	4,081,633						4,081,633				51,627	08/31/2024	3Z
..89612H-AD-7	TRICORBRAUN INC TRICORBRAUN INC 11/30/23		03/18/2019	Redemption	100.0000	1,977	1,977	1,977	1,977						1,977					11/30/2023	4FE
..89612H-AD-7	TRICORBRAUN INC TRICORBRAUN INC 11/30/23		01/04/2019	Taxable Exchange	100.0000	763,122	781,023	781,023	781,023						781,023		(17,901)	(17,901)	4	11/30/2023	4FE
..89705D-AD-4	TRONOX FINANCE LLC TRONOX FINANCE LLC 09/23/24		03/29/2019	Redemption	100.0000	1,346,904	1,346,904	1,345,050	1,345,346			1,558	1,558		1,346,904				13,794	09/23/2024	3FE
..89705D-AE-2	TRONOX BLOCKED BORROWER TRONOX BLOCKED BORROWER 09/23/24		03/29/2019	Redemption	100.0000	22,164	22,164	22,134	22,139			26	26		22,164				227	09/23/2024	3FE
..89823F-AA-2	TRUROAD HLDGS INC SR-UNSEC 08/07/24		03/29/2019	Redemption	100.0000	42,820	42,820	42,392	42,415			406	406		42,820				938	08/07/2024	5
..90350V-AC-2	ALLIED UNIVERSAL HOLDCO LLC ALLIED UNIVERSAL HOLDCO LLC 07/28/22		03/12/2019	CREDIT SUISSE SECURITIES US LL	100.0000	10,780,000	11,000,000	11,016,060	11,011,449			(660)	(660)		11,010,790		(230,790)	(230,790)	112,876	07/28/2022	4FE
..90350V-AC-2	ALLIED UNIVERSAL HOLDCO LLC ALLIED UNIVERSAL HOLDCO LLC 07/28/22		03/29/2019	Redemption	100.0000	181,167	181,167	181,431	181,355			(189)	(189)		181,167				2,803	07/28/2022	4FE
..90351N-AE-5	USI INC/NY USI INC/NY 05/16/24		03/29/2019	Redemption	100.0000	146,906	146,906	146,611	146,652			254	254		146,906				2,084	05/16/2024	4FE
..90352Y-AB-6	USRP HLDGS INC SR-UNSEC 03/29/25		03/29/2019	Redemption	100.0000	43,750	43,750	43,531	43,549			201	201		43,750				669	03/29/2025	3PL
..90352Y-AC-4	USRP HLDGS INC SR-UNSEC 03/29/25		03/29/2019	Redemption	100.0000	7,719	7,719	7,719	7,719						7,719				45	03/29/2025	3PL
..90370F-AA-7	US RADIOLOGY SPECIALISTS INC SR-UNSEC 01/01/24		03/29/2019	Redemption	100.0000	29,428	29,428	29,208	29,238			190	190		29,428				509	01/01/2024	2PL

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										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)
91865F-AF-6	VACO HLDGS LLC SR-UNSEC 11/09/22		03/01/2019	Redemption 100.0000		7,030,000	7,030,000	7,030,000	1,480,000						7,030,000				2,911	11/09/2022	5G1
91865F-AG-4	VACO HLDGS LLC SR-UNSEC 11/09/23		01/02/2019	Redemption 100.0000		187,500	187,500	186,563	186,704		796		796		187,500				3,160	11/09/2023	5G1
92261#-AA-5	VELOCITY TECHNOLOGY SOLUTIONS SR-UNSEC 12/07/23		03/29/2019	Redemption 100.0000		50,000	50,000	49,500	49,569		431		431		50,000				954	12/07/2023	3PL
92346N-AB-5	VERIFONE SYSTEMS INC VERIFONE SYSTEMS INC 08/20/25		01/31/2019	Redemption 100.0000		13,300	13,300	13,234	13,234		66		66		13,300				177	08/20/2025	4FE
92532Y-AB-5	VERSUM MATERIALS INC VERSUM MATERIALS INC 09/29/23		03/29/2019	Redemption 100.0000		19,642	19,642	19,764	19,745		(103)		(103)		19,642				231	09/29/2023	3FE
92556*-AA-3	VETERINARY SPECIALISTS OF NORT SR-UNSEC 07/15/21		03/29/2019	Redemption 100.0000		22,138	22,138	21,903	22,002		136		136		22,138				318	07/15/2021	5G1
92556*-AB-1	VETERINARY SPECIALISTS OF NORT SR-UNSEC 07/15/21		03/29/2019	Redemption 100.0000		11,505	11,505	11,505	11,505						11,505				169	07/15/2021	3PL
92940J-AB-4	WR GRACE & CO-CONN WR GRACE & CO-CONN 04/03/25		03/29/2019	Redemption 100.0000		10,976	10,976	10,962	10,963		13		13		10,976				122	04/03/2025	3FE
92940J-AD-0	WR GRACE & CO-CONN WR GRACE & CO-CONN 04/03/25		03/29/2019	Redemption 100.0000		18,816	18,816	18,792	18,794		21		21		18,816				193	04/03/2025	3FE
93710H-AC-2	WASH MULTIFAMILY LAUNDRY SYS WASH MULTIFAMILY LAUNDRY SYS 05/16/22		03/29/2019	Redemption 100.0000		74,738	74,738	74,288	74,478		260		260		74,738				968	05/16/2022	4FE
93710H-AG-3	WASH MULTIFAMILY LAUNDRY SYS WASH MULTIFAMILY LAUNDRY SYS 05/16/22		03/29/2019	Redemption 100.0000		10,415	10,415	10,343	10,374		41		41		10,415				125	05/16/2022	4FE
94732Y-AS-2	WEB.COM GROUP INC WEB.COM GROUP INC 10/10/25		03/25/2019	Redemption 100.0000		538,813	538,813	537,466	537,479		1,334		1,334		538,813				12,552	10/10/2025	4FE
95841#-AB-5	WIRB CORPERNICUS GROUP INC SR-UNSEC 08/15/22		03/29/2019	Redemption 100.0000		37,618	37,618	37,377	36,591		196		196		37,618				621	08/15/2022	5
95841#-AD-1	WIRB CORPERNICUS GROUP INC SR-UNSEC 08/15/22		03/25/2019	Tax Free Exchange Redemption 100.0000		330,000	330,000	330,000	330,000						330,000					08/15/2022	4Z
96208U-AM-3	WEX INC WEX INC 07/31/23		03/29/2019	Redemption 100.0000		118,574	118,574	119,272	119,158		(584)		(584)		118,574				1,285	07/31/2023	3FE
96925H-AF-9	WILLIAM MORRIS ENDEAVOR EN WILLIAM MORRIS ENDEAVOR EN 05/29/25		03/29/2019	Redemption 100.0000		28,750	28,750	28,741	28,741		9		9		28,750				317	05/29/2025	4FE
98160U-AB-9	WORLDWIDE CLINICAL TRIALS HLDG SR-UNSEC 12/05/23		02/01/2019	Redemption 100.0000		450,000	450,000	450,000	450,000						450,000					12/05/2023	3PL
98160U-AC-7	WORLDWIDE CLINICAL TRIALS HLDG SR-UNSEC 12/05/24		03/29/2019	Redemption 100.0000		62,500	62,500	61,875	61,952		548		548		62,500				514	12/05/2024	3PL
98310C-AC-6	WYNDHAM HOTELS & RESORTS WYNDHAM HOTELS & RESORTS 05/30/25		03/29/2019	Redemption 100.0000		16,813	16,813	16,813	16,813						16,813				161	05/30/2025	2FE
98975V-AG-1	ZODIAC POOL SOLUTIONS ZODIAC POOL SOLUTIONS 07/02/25		03/29/2019	Redemption 100.0000		30,922	30,922	31,019	31,013		(91)		(91)		30,922				335	07/02/2025	3FE
BL2358-35-8	EXAMWORKS GROUP INC EXAMWORKS GROUP INC 07/27/23		03/29/2019	Redemption 100.0000		26,438	26,438	26,667	26,613		(175)		(175)		26,438				347	07/27/2023	4FE
BL2650-13-5	CHG PPC PARENT LLC CHG PPC PARENT LLC 03/31/25		03/29/2019	Redemption 100.0000		8,375	8,375	8,354	8,356		19		19		8,375				108	03/31/2025	4FE
BL2698-05-0	HAMILTON HOLDCO LLC HAMILTON HOLDCO LLC 07/03/25		03/29/2019	Redemption 100.0000		51,875	51,875	51,745	51,751		124		124		51,875				610	07/03/2025	3FE
BL2773-16-8	FRONTDOOR INC FRONTDOOR INC 08/16/25		03/29/2019	Redemption 100.0000		19,750	19,750	19,701	19,702		48		48		19,750				223	08/16/2025	4FE
BL2868-70-3	TRICORBRAUN INC TRICORBRAUN INC 11/30/23		01/08/2019	Taxable Exchange Redemption 100.0000		3,853,055	3,925,000	3,886,928			85		85		3,887,012		(33,957)	(33,957)		11/30/2023	4FE
C9413P-AZ-6	BAUSCH HEALTH AMERICAS BAUSCH HEALTH AMERICAS 06/02/25		03/22/2019	Redemption 100.0000		275,345	275,345	276,356	276,281		(935)		(935)		275,345				3,095	06/02/2025	3FE
Z00061-79-8	VETERINARY SPECIALISTS OF NORT SR-UNSEC 07/15/21		03/29/2019	Redemption 100.0000		7,926	7,926	7,926	7,106						7,926				106	07/15/2021	5G1
Z00062-27-5	FOUNDATION RISK PARTNERS CORP SR-UNSEC 11/10/23		02/08/2019	Tax Free Exchange		7,474,646	7,544,757	7,469,309	7,473,650		996		996		7,474,646				73,991	11/10/2023	5G1

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)	
..Z00062-28-3	FOUNDATION RISK PARTNERS CORP SR-UNSEC		02/08/2019	Tax Free Exchange		4,383,015	4,392,573	4,382,416	4,382,886		128		128		4,383,015				67,582	11/10/2023	561	
..Z00065-28-6	PAYMENT ALLIANCE TERM LOAN		01/31/25	Redemption	100.0000		3,600,000	3,600,000	3,600,000						3,600,000				18,081	01/31/2025	4Z	
..68371Y-AJ-2	OPEN TEXT CORP OPEN TEXT CORP		05/30/25	Redemption	100.0000		12,500	12,500	12,531		(29)		(29)		12,500				120	05/30/2025	2FE	
..BL2355-92-5	ARRAY CANADA INC ARRAY CANADA INC		02/10/23	Redemption	100.0000		128,125	128,125	126,844		927		927		128,125				2,444	02/10/2023	4FE	
..06901L-AE-7	GFL ENVIRONMENTAL INC GFL ENVIRONMENTAL INC		02/19/24	Redemption	100.0000		133,697	133,697	133,608		89		89		133,697				1,554	02/19/2024	4FE	
..C7052B-AF-1	GFL ENVIRONMENTAL INC GFL ENVIRONMENTAL INC		05/31/25	Redemption	100.0000		71,579	71,579	69,861		1,696		1,696		71,579				963	05/31/2025	4FE	
..C7236#-AA-2	PET HLDGS ULC SR-UNSEC		07/05/22	Redemption	100.0000		44,878	44,878	44,304		452		452		44,878				876	07/05/2022	2PL	
..C7236#-AB-0	PET HLDGS ULC SR-UNSEC		07/05/22	Redemption	100.0000		5,637	5,637	5,601		31		31		5,637				87	07/05/2022	2PL	
..78466D-BE-3	SS&C EUROPEAN HOLDINGS SARL SS&C EUROPEAN HOLDINGS SARL		04/16/25	Redemption	100.0000		84,262	84,262	84,052		192		192		84,262				705	04/16/2025	3FE	
..81726J-AE-1	SENSATA TECHNOLOGIES BV SENSATA TECHNOLOGIES BV		10/14/21	Redemption	100.0000		20,830	20,830	20,890		(43)		(43)		20,830				291	10/14/2021	2FE	
..BL2272-69-0	ALPHA 3 BV ALPHA 3 BV		01/31/24	Redemption	100.0000		893,192	890,959	891,490		1,702		1,702		893,192				133,356	01/31/2024	4FE	
..BL2353-30-0	VGROUP LTD VGROUP LTD		03/11/24	Redemption	100.0000		30,282	30,332	30,319		(37)		(37)		30,282				380	03/11/2024	4FE	
..BL2651-41-4	TITAN ACQUISITION LTD TITAN ACQUISITION LTD		03/28/25	Redemption	100.0000		21,938	21,938	21,883		50		50		21,938				275	03/28/2025	4FE	
..BL2683-32-6	SAMSONITE IP HOLDINGS SAMSONITE IP HOLDINGS		04/25/25	Redemption	100.0000		7,150	7,150	7,141		8		8		7,150				69	04/25/2025	3FE	
..L9339L-AG-8	TRINSEO MATERIALS OPERATING TRINSEO MATERIALS OPERATING		09/09/24	Redemption	100.0000		18,001	17,827	1,635		228		228		18,001				115	09/09/2024	3FE	
8299999	Subtotal - Bonds - Bank Loans					229,194,855	229,897,342	227,583,054	210,629,693		2,112,854		2,112,854		229,770,121		(575,267)	(575,267)	3,272,023	XXX	XXX	
8399997	Total - Bonds - Part 4					4,042,762,390	4,019,536,735	3,967,878,346	3,952,565,015	12,519	35,743,377	627,155	35,128,741	6,496,649	4,016,639,643	(7,924,344)	22,169,496	14,245,152	74,799,389	XXX	XXX	
8399998	Total - Bonds - Part 5					XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
8399999	Total - Bonds					4,042,762,390	4,019,536,735	3,967,878,346	3,952,565,015	12,519	35,743,377	627,155	35,128,741	6,496,649	4,016,639,643	(7,924,344)	22,169,496	14,245,152	74,799,389	XXX	XXX	
8999997	Total - Preferred Stocks - Part 4						XXX													XXX	XXX	
8999998	Total - Preferred Stocks - Part 5					XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
8999999	Total - Preferred Stocks						XXX													XXX	XXX	
..03674X-10-6	ANTERO RESOURCES ANTERO RESOURCES		03/20/2019	MERRILL LYNCH PERCE FENER SMITH	57,900.000	506,801		504,483						504,483			2,319	2,319				
..729136-40-8	PLIANT CORP PLIANT CORP		03/22/2019	WORTHLESS SECURITIES	34.000																	
..09235V-10-1	TRONOX LTD TRONOX LTD-CL A		03/27/2019	Taxable Exchange	248,690.000	3,180,745		972,378	1,934,808	(962,430)			(962,430)	972,378		2,208,367	2,208,367		11,191			
..ZD5100-00-7	FEDERAL HOME LOAN BANK MEMBERSHIP STOCK		03/29/2019	FEDERAL HOME LOAN BANK	3,030,750.000	303,075,000		303,075,000						303,075,000								
..517995-17-1	LARICINA ENERGY LTD. COMMON STOCK		02/12/2019	JP MORGAN SECURITIES	2,164,705.000	99,938								99,938		99,938	99,938					
..ZD6868-68-5	MANITOBA -PROVINCE OF AMENITY CLASS B		03/20/2019	JP MORGAN SECURITIES	5,250,000.000	4,061,896		4,061,896	4,074,614	(229,023)			(229,023)	4,061,896								
..64899K-41-0	NEW POINT V LIMITED		03/05/2019	WORTHLESS SECURITIES	155,667.000																	
9099999	Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated)					310,924,380	XXX	308,613,757	6,009,422	(1,191,453)			(1,191,453)	216,305	308,613,757		2,310,624	2,310,624	11,191	XXX	XXX	
..60407*-10-3	ND Properties, Inc.		03/31/2019	Issuer	68.000	146,498		146,498	146,498					146,498								
..68062#-10-8	OLEUM HOLDING COMPANY, INC.		03/26/2019	Teachers Insurance and Annuity Association of America	0.000	1,561,566																
9199999	Subtotal - Common Stocks - Parent, Subsidiaries and Affiliates					1,708,064	XXX	146,498	146,498						146,498					XXX	XXX	
..67092P-20-1	NULG NUVEEN ESG LARGE-CAP GROWTH		03/28/2019	KNIGHT SECURITIES	171,100.000	5,954,203		4,317,275	5,148,399	(831,124)			(831,124)	4,317,275		1,636,928	1,636,928					
..67092P-30-0	NULV NUVEEN ESG LARGE-CAP VALUE E		03/28/2019	KNIGHT SECURITIES	242,800.000	7,059,956		6,185,806	6,349,584	(163,778)			(163,778)	6,185,806		874,150	874,150					
..67092P-40-9	NUMG NUVEEN ESG MID-CAP GROWTH ET		03/28/2019	Various	154,500.000	4,757,572		3,863,955	4,051,222	(187,267)			(187,267)	3,863,955		893,617	893,617					

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol /Market Indicator (a)		
..67092P-50-8	NUMV NUVEEN ESG MID-CAP VALUE ETF		03/18/2019	Various	50,400,000	1,383,178		1,257,486	1,201,526	55,960			55,960		1,257,486		125,692	125,692					
..67092P-60-7	NUSC NUVEEN ESG SMALL-CAP ETF		03/29/2019	Various	221,000,000	6,363,587		5,491,509	5,467,297	24,212			24,212		5,491,509		872,078	872,078					
..67092P-70-6	NURE NUVEEN SHORT-TERM REIT ETF		03/25/2019	JANE STREET	111,000,000	3,176,779		2,889,330	2,773,890	115,440			115,440		2,889,330		287,449	287,449					
..67092P-80-5	NUMM NUVEEN ESG INTERNATIONAL DEV		03/28/2019	KNIGHT SECURITIES	35,500,000	852,781		886,343	794,529	91,814			91,814		886,343		(33,562)	(33,562)					
..67092P-87-0	NUBD NUVEEN ESG US AGGREGATE BOND		03/27/2019	KNIGHT SECURITIES	297,700,000	7,348,939		7,458,759	7,222,202	236,557			236,557		7,458,759		(109,820)	(109,820)	35,337				
..87245P-72-6	T-C LIFECYCLE INDEX 2060 ADVIS FD #3660		01/23/2019	BFDS BROKER	435,000	5,076		4,389	4,837	(448)			(448)		4,389		687	687					
..87245P-85-8	T-C LIFECYCLE 2060 ADVISOR CLA FD #3560		01/23/2019	BFDS BROKER	757,000	8,125		7,686	7,678	8			8		7,686		439	439					
..87245R-52-4	LIFECYCLE 2060 FUND PREMIER CL FUND ID 2666		01/23/2019	BFDS BROKER	246,454,000	2,670,747		2,464,027	2,496,583	(32,555)			(32,555)		2,464,027		206,720	206,720					
..87245R-53-2	LIFECYCLE 2060 FUND RETMT CLAS FUND ID 2766		01/23/2019	BFDS BROKER	255,389,000	2,766,396		2,553,378	2,587,089	(33,712)			(33,712)		2,553,378		213,018	213,018					
..87245R-54-0	LIFECYCLE INDEX 2060 FUND PREM FUND ID 2466		01/23/2019	BFDS BROKER	92,079,000	1,071,834		920,752	1,023,002	(102,250)			(102,250)		920,752		151,082	151,082					
..87245R-55-7	LIFECYCLE INDEX 2060 FUND RETM FUND ID 2566		01/23/2019	BFDS BROKER	101,053,000	1,174,444		1,010,489	1,120,678	(110,189)			(110,189)		1,010,489		163,955	163,955					
..87245R-56-5	LIFECYCLE INDEX 2060 FUND INST FUND ID 2760		01/23/2019	BFDS BROKER	815,952,000	9,503,632		8,159,184	9,065,230	(906,046)			(906,046)		8,159,184		1,344,448	1,344,448					
..87245R-57-3	LIFECYCLE 2060 FUND INST CLASS FUND ID 2761		01/23/2019	BFDS BROKER	512,107,000	5,436,907		5,120,025	5,192,769	(72,744)			(72,744)		5,120,025		316,882	316,882					
9299999	Subtotal - Common Stocks - Mutual Funds					59,534,156	XXX	52,590,393	54,506,515	(1,916,122)			(1,916,122)		52,590,393		6,943,763	6,943,763	35,337	XXX	XXX		
9799997	Total - Common Stocks - Part 4					372,166,600	XXX	361,350,648	60,662,435	(3,107,575)			(3,107,575)	216,305	361,350,648		9,254,387	9,254,387	46,528	XXX	XXX		
9799998	Total - Common Stocks - Part 5					XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	
9799999	Total - Common Stocks					372,166,600	XXX	361,350,648	60,662,435	(3,107,575)			(3,107,575)	216,305	361,350,648		9,254,387	9,254,387	46,528	XXX	XXX		
9899999	Total - Preferred and Common Stocks					372,166,600	XXX	361,350,648	60,662,435	(3,107,575)			(3,107,575)	216,305	361,350,648		9,254,387	9,254,387	46,528	XXX	XXX		
9999999	Totals					4,414,928,990	XXX	4,329,228,994	4,013,227,450	(3,095,056)	35,743,377	627,155	32,021,166	6,712,954	4,377,990,291	(7,924,344)	31,423,883	23,499,539	74,845,917	XXX	XXX		

(a) For all common stock bearing the NAIC market indicator "U" provide: the number of such issues.....

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE DB - PART A - SECTION 1

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23																		
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)																		
0079999999	Subtotal - Purchased Options - Hedging Effective																			XXX				XXX															XXX	XXX
0149999999	Subtotal - Purchased Options - Hedging Other																			XXX																			XXX	XXX
0219999999	Subtotal - Purchased Options - Replications																			XXX																			XXX	XXX
0289999999	Subtotal - Purchased Options - Income Generation																			XXX																			XXX	XXX
0359999999	Subtotal - Purchased Options - Other																			XXX																			XXX	XXX
0369999999	Total Purchased Options - Call Options and Warrants																			XXX																			XXX	XXX
0379999999	Total Purchased Options - Put Options																			XXX																			XXX	XXX
0389999999	Total Purchased Options - Caps																			XXX																			XXX	XXX
0399999999	Total Purchased Options - Floors																			XXX																			XXX	XXX
0409999999	Total Purchased Options - Collars																			XXX																			XXX	XXX
0419999999	Total Purchased Options - Other																			XXX																			XXX	XXX
0429999999	Total Purchased Options																			XXX																			XXX	XXX
0499999999	Subtotal - Written Options - Hedging Effective																			XXX																			XXX	XXX
0569999999	Subtotal - Written Options - Hedging Other																			XXX																			XXX	XXX
0639999999	Subtotal - Written Options - Replications																			XXX																			XXX	XXX
0709999999	Subtotal - Written Options - Income Generation																			XXX																			XXX	XXX
0779999999	Subtotal - Written Options - Other																			XXX																			XXX	XXX
0789999999	Total Written Options - Call Options and Warrants																			XXX																			XXX	XXX
0799999999	Total Written Options - Put Options																			XXX																			XXX	XXX
0809999999	Total Written Options - Caps																			XXX																			XXX	XXX
0819999999	Total Written Options - Floors																			XXX																			XXX	XXX
0829999999	Total Written Options - Collars																			XXX																			XXX	XXX
0839999999	Total Written Options - Other																			XXX																			XXX	XXX
0849999999	Total Written Options																			XXX																			XXX	XXX
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL 1X N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA	E570DZIZ7FF32WFEA76	.05/22/2017	.02/15/2047	25,000,000	3.42 /(FLT.)			154,560			(626,056)					655,577		100/100																		
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL 1X N/B United States Treasury In .875 912810R10	D-1	Interest Rate	MORGAN STANLEY CAPITAL SERVICE	17331LVCZKQKX5T7XV54	.05/24/2017	.02/15/2047	50,000,000	3.435 /(FLT.)			307,874			(1,556,441)					1,301,595		100/100																		
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL 1X N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA	E570DZIZ7FF32WFEA76	.06/07/2017	.02/15/2047	25,000,000	3.2885 /(FLT.)			147,757			(1,098,769)					659,938		100/100																		
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL 1X N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA	E570DZIZ7FF32WFEA76	.06/19/2017	.02/15/2047	25,000,000	3.2175 /(FLT.)			141,622			(1,714,391)					654,359		100/100																		
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL 1X N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA	E570DZIZ7FF32WFEA76	.06/28/2017	.02/15/2047	25,000,000	3.251 /(FLT.)			145,618			(1,262,140)					660,597		100/100																		
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL 1X N/B United States Treasury In .875 912810R10	D-1	Interest Rate	JP MORGAN CHASE BANK NA	7H6GLXDRUGOFU57RNE97	.06/28/2017	.02/15/2047	25,000,000	3.241 /(FLT.)			145,313			(1,266,505)					661,642		100/100																		
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL 1X N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA	E570DZIZ7FF32WFEA76	.07/03/2017	.02/15/2047	25,000,000	3.3125 /(FLT.)			145,920			(1,461,277)					649,296		100/100																		
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL 1X N/B United States Treasury In .875 912810R10	D-1	Interest Rate	MORGAN STANLEY CAPITAL SERVICE	17331LVCZKQKX5T7XV54	.07/07/2017	.02/15/2047	25,000,000	3.438 /(FLT.)			150,593			(1,261,983)					639,955		100/100																		
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL 1X N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA	E570DZIZ7FF32WFEA76	.07/13/2017	.02/15/2047	25,000,000	3.425 /(FLT.)			151,207			(1,125,845)					644,277		100/100																		
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL 1X N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA	E570DZIZ7FF32WFEA76	.07/19/2017	.02/15/2047	25,000,000	3.3525 /(FLT.)			150,863			(899,453)					657,127		100/100																		

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE DB - PART A - SECTION 1

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA E570DZIZ7FF32TWEFA76	.07/25/2017	02/15/2047		50,000,000	3.395 /(FLT.)			300,862			(2,249,295)					1,295,113		100/100
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	MORGAN STANLEY CAPITAL SERVICE 17331LVC2KQKX5T7XV54	.08/08/2017	02/15/2047		25,000,000	3.401 /(FLT.)			154,265			(595,893)					658,323		100/100
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA E570DZIZ7FF32TWEFA76	.08/28/2017	02/15/2047		25,000,000	3.3025 /(FLT.)			149,566			(891,241)					662,926		100/100
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	MORGAN STANLEY CAPITAL SERVICE 17331LVC2KQKX5T7XV54	.09/11/2017	02/15/2047		25,000,000	3.286 /(FLT.)			153,383			(268,047)					678,527		100/100
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA E570DZIZ7FF32TWEFA76	.09/12/2017	02/15/2047		15,600,000	3.305 /(FLT.)			95,564			(236,929)					420,496		100/100
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA E570DZIZ7FF32TWEFA76	.09/12/2017	02/15/2047		9,400,000	3.305 /(FLT.)			57,583			(142,765)					253,376		100/100
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	MORGAN STANLEY CAPITAL SERVICE 17331LVC2KQKX5T7XV54	.09/18/2017	02/15/2047		25,000,000	3.325 /(FLT.)			155,313			(145,498)					676,700		100/100
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA E570DZIZ7FF32TWEFA76	.09/20/2017	02/15/2047		25,000,000	3.365 /(FLT.)			154,167			(470,508)					665,058		100/100
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	MORGAN STANLEY CAPITAL SERVICE 17331LVC2KQKX5T7XV54	.09/27/2017	02/15/2047		25,000,000	3.4 /(FLT.)			156,364			(290,173)					665,038		100/100
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA E570DZIZ7FF32TWEFA76	.09/27/2017	02/15/2047		25,000,000	3.401 /(FLT.)			156,090			(338,636)					663,992		100/100
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	.09/27/2017	02/15/2047		25,000,000	3.415 /(FLT.)			156,429			(338,737)					662,318		100/100
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	.09/27/2017	02/15/2047		25,000,000	3.405 /(FLT.)			155,802			(390,307)					662,318		100/100
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA E570DZIZ7FF32TWEFA76	.09/29/2017	02/15/2047		25,000,000	3.4125 /(FLT.)			156,029			(386,593)					661,564		100/100
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA E570DZIZ7FF32TWEFA76	.10/04/2017	02/15/2047		35,000,000	3.412 /(FLT.)			217,274			(706,147)					922,712		100/100
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	.10/05/2017	02/15/2047		25,000,000	3.41375 /(FLT.)			155,060			(530,507)					658,324		100/100
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA E570DZIZ7FF32TWEFA76	.10/06/2017	02/15/2047		25,000,000	3.449 /(FLT.)			155,719			(569,600)					653,615		100/100
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	MORGAN STANLEY CAPITAL SERVICE 17331LVC2KQKX5T7XV54	.10/26/2017	02/15/2047		25,000,000	3.435 /(FLT.)			154,914			(632,156)					653,802		100/100
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA E570DZIZ7FF32TWEFA76	.11/03/2017	02/15/2047		25,000,000	3.289 /(FLT.)			150,816			(654,863)					669,663		100/100
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA E570DZIZ7FF32TWEFA76	.11/09/2017	02/15/2047		25,000,000	3.2625 /(FLT.)			151,509			(445,566)					677,347		100/100

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SCHEDULE DB - PART A - SECTION 1

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date

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Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)										
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA E570DZIZ7FF32TWEFA76	12/20/2017	02/15/2047		25,000,000	3.342 /(FLT.)			157,320			76,983					679,599		100/100										
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA E570DZIZ7FF32TWEFA76	12/20/2017	02/15/2047		25,000,000	3.335 /(FLT.)			156,670			10,977					678,967		100/100										
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA E570DZIZ7FF32TWEFA76	02/07/2018	02/15/2047		25,000,000	3.6025 /(FLT.)			168,516			674,656					663,288		100/100										
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	BANK OF AMERICA NA B4TYDEB6KMZ0031MB27	02/08/2018	02/15/2047		25,000,000	3.665 /(FLT.)			170,320			701,987					657,178		100/100										
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA E570DZIZ7FF32TWEFA76	02/09/2018	02/15/2047		25,000,000	3.665 /(FLT.)			169,663			610,403					655,284		100/100										
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	BANK OF AMERICA NA B4TYDEB6KMZ0031MB27	02/20/2018	02/15/2047		25,000,000	3.6625 /(FLT.)			167,964			382,345					650,830		100/100										
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	BANK OF AMERICA NA B4TYDEB6KMZ0031MB27	02/21/2018	02/15/2047		25,000,000	3.69 /(FLT.)			167,911			278,879					645,828		100/100										
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQX5T7XV54	02/21/2018	02/15/2047		25,000,000	3.735 /(FLT.)			169,246			309,367					641,824		100/100										
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQX5T7XV54	02/27/2018	02/15/2047		25,000,000	3.702 /(FLT.)			169,388			442,480					647,951		100/100										
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA E570DZIZ7FF32TWEFA76	03/16/2018	02/15/2047		100,000,000	3.632 /(FLT.)			671,893			1,967,889					2,625,289		100/100										
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	BANK OF AMERICA NA B4TYDEB6KMZ0031MB27	04/20/2018	02/15/2047		25,000,000	3.653 /(FLT.)			173,213			1,148,505					667,703		100/100										
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA E570DZIZ7FF32TWEFA76	05/17/2018	02/15/2047		25,000,000	3.7701 /(FLT.)			174,196			872,428					649,718		100/100										
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	CITIBANK NA E570DZIZ7FF32TWEFA76	05/23/2018	02/15/2047		50,000,000	3.69 /(FLT.)			344,316			1,738,406					1,315,975		100/100										
ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810R10	D-1	Interest Rate	BANK OF AMERICA NA B4TYDEB6KMZ0031MB27	05/23/2018	02/15/2047		25,000,000	3.691 /(FLT.)			172,221			874,326					657,987		100/100										
085999999. Subtotal - Swaps - Hedging Effective - Interest Rate														7,660,873		XXX	(12,466,690)													31,882,996	XXX	XXX
CURRENCY SWAP - RECEIVE FIXED USD PAY FIXED CAD	109286AA2 BRIGHTON BEACH POWER L.P. SR-SEC 6.924% due 03/31/2024	D-1	Currency	BANK OF MONTREAL N006HPNCCU6TUQYE16	09/10/2002	03/31/2024		38,243,559	6.1/(6.924)			(200,127)	(6,698,585)		(9,279,666)		(718,491)			427,810		100/100										
CURRENCY SWAP - RECEIVE FIXED USD PAY FIXED CAD	221025AB5 CORY COGENERATION FDG CORP B-SR-SEC 7.601% due 06/30/2026	D-1	Currency	ROYAL BANK OF CANADA ES71P3U3RH1GC71XBU11	04/19/2001	06/30/2026		19,628,285	7.47422/(7.601)			(65,533)	(3,108,712)		(4,352,729)		(397,321)			264,341		100/100										
CURRENCY SWAP - RECEIVE FIXED USD PAY FIXED CAD	C41110AB9 GREAT LAKES POWER LTD SR 6.6% due 06/16/2023	D-1	Currency	ROYAL BANK OF CANADA ES71P3U3RH1GC71XBU11	06/09/2003	06/16/2023		61,860,768	5.8215/(6.6)			(152,658)	(1,197,259)		(5,306,243)		(1,343,855)			634,917		100/100										
CURRENCY SWAP - RECEIVE FIXED USD PAY FIXED CAD	S31739AA8 LIEVRE POWER FINANCING CORP. 1-SR-SEC 5.556% due 10/06/2025	D-1	Currency	ROYAL BANK OF CANADA ES71P3U3RH1GC71XBU11	09/30/2005	10/06/2025		37,068,966	5.8275/(5.556)			85,321	4,891,647		5,504,598		(680,103)			473,384		100/100										

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE DB - PART A - SECTION 1

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Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)											
CURRENCY SWAP - RECEIVE FIXED USD PAY FIXED CAD	C41110AA1 GREAT LAKES POWER LTD SUB-SEC 7.8% due 06/16/2023	D-1	Currency	THE BANK OF NOVA SCOTIA L3192G2KFGXZ61BMYR72	09/30/2003	06/16/2023		24,422,735	7.186/(7.8)			(44,477)	(271,395)		(1,530,698)		(521,847)			250,666		100/100											
CURRENCY SWAP - RECEIVE FIXED USD PAY FIXED CAD	66815PAA8 NIERN HYDRO ACQUISITION CO III L SR-UNSEC 3.877% due 12/31/2036	D-1	Currency	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	03/06/2019	12/31/2036		36,455,621	4.243/(3.877)			3,340	(211,420)		(267,986)		(211,420)			768,322		100/100											
CURRENCY SWAP - RECEIVE FIXED USD PAY FIXED CAD	66816DAA4 NIERN HYDRO ACQUISITION CO III SR-UNSEC 3.94% due 12/31/2038	D-1	Currency	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	03/06/2019	12/31/2038		37,199,613	4.312/(3.94)			3,465	(215,735)		(175,662)		(215,735)			826,952		100/100											
CURRENCY SWAP - RECEIVE FIXED USD PAY FIXED EUR	AX8956903 ROMANIA UNSEC 3.5% due 04/03/2034	D-1	Currency	CREDIT AGRICOLE 1VUV7VQFKU00S21A208	03/27/2019	04/03/2034		11,253,000	3.8725/(3.5)				35,447		(3,614)		35,447			218,053		100/100											
0879999999. Subtotal - Swaps - Hedging Effective - Foreign Exchange																(370,669)	(6,776,012)	XXX	(15,412,000)		(4,053,325)									3,864,445	XXX	XXX	
0909999999. Subtotal - Swaps - Hedging Effective																7,290,204	(6,776,012)	XXX	(27,878,690)		(4,053,325)										35,747,441	XXX	XXX
INTEREST RATE SWAP - RECEIVE FIXED PAY FLOATING	G7332#AE3 RPPF ENGINE LEASING LIMITED Se E-SR-SEC 3.05883% due 10/30/2025	D-1	Interest Rate	UBS SECURITIES LLC SNZ20JLKF8MNNLQ0CF39	10/16/2013	10/30/2025		55,000,000	4.24/(3.7975)			80,293	2,624,327		2,624,327		1,019,067			705,901		0001											
INTEREST RATE SWAP - RECEIVE FIXED PAY FLOATING	G7334#AG8 RPPF ENGINE LEASING LIMITED Se E-SR-SEC 3.80363% due 06/13/2033	D-1	Interest Rate	MORGAN STANLEY & CO LLC 9R7GPT507KV3UJZ0078	05/30/2018	06/13/2033		30,000,000	4.324/(3.835)			46,244	2,189,569		2,189,569		1,146,562			565,516		0001											
INTEREST RATE SWAP - RECEIVE FIXED PAY FLOATING	G7334#AFO RPPF ENGINE LEASING LIMITED Se E-SR-SEC 4.23% due 06/13/2030	D-1	Interest Rate	MORGAN STANLEY & CO LLC 9R7GPT507KV3UJZ0078	05/31/2018	06/13/2030		31,000,000	4.225/(3.765)			48,498	1,985,505		1,985,505		989,739			518,983		0001											
0919999999. Subtotal - Swaps - Hedging Other - Interest Rate																175,035	6,799,401	XXX	6,799,401		3,155,368								1,790,400	XXX	XXX		
CREDIT DEFAULT SWAP - INTERNATIONAL PAPER CO SR UNSEC	460146CE1 INTERNATIONAL PAPER CO SR UNSEC 7.5% due 08/15/2021	D-1	Credit	UBS AG BFM8T61CT2L10CEM1K50	05/04/2009	05/15/2019		7,100,000	(3.00)			(53,250)	(25,738)		(25,738)		50,196					2FE	0003										
CREDIT DEFAULT SWAP - BURLINGTN NORTH SANTA FE SR UNSEC	12189TAA2 BURLINGTN NORTH SANTA FE SR UNSEC 7% due 12/15/2025	D-1	Credit	GOLDMAN SACHS BANK USA KD3XUN706T14HNAVLU02	09/21/2009	12/20/2019		30,000,000	(1.00)	(962,733)		(75,000)	(208,756)		(208,756)		43,517		23,862		1FE	0003											
CREDIT DEFAULT SWAP - CVS LEASE BKD PT PRIVATE PLACE 2011-SR-SEC	12671*AA1 CVS LEASE BKD PT PRIVATE PLACE 2011-SR-SEC 5.5% due 12/10/2033	D-1	Credit	CREDIT SUISSE INTERNATIONAL E58DKGIMJYYJLN8C3868	10/06/2011	12/20/2021		10,000,000	(1.00)	125,283		(25,000)	(153,642)		(153,642)		13,127		(3,106)		2	0003											
CREDIT DEFAULT SWAP - CVS LEASE BKD PT PRIVATE PLACE 2011-SR-SEC	12671*AA1 CVS LEASE BKD PT PRIVATE PLACE 2011-SR-SEC 5.5% due 12/10/2033	D-1	Credit	CREDIT SUISSE INTERNATIONAL E58DKGIMJYYJLN8C3868	10/11/2011	12/20/2021		10,000,000	(1.00)	105,949		(25,000)	(153,642)		(153,642)		12,648		(2,627)		2	0003											
CREDIT DEFAULT SWAP - CVS LEASE BKD PT PRIVATE PLACE 2011-SR-SEC	12671*AA1 CVS LEASE BKD PT PRIVATE PLACE 2011-SR-SEC 5.5% due 12/10/2033	D-1	Credit	CREDIT SUISSE INTERNATIONAL E58DKGIMJYYJLN8C3868	10/12/2011	12/20/2021		8,000,000	(1.00)	77,431		(20,000)	(122,914)		(122,914)		9,937		(1,921)		2	0003											
CREDIT DEFAULT SWAP - BALL CORP CO.GUARNT	058498AS5 BALL CORP CO.GUARNT 4% due 11/15/2023	D-1	Credit	BARCLAYS BANK PLC G5GSEF7VJP5170UK5573	06/02/2017	06/20/2022		1,000,000	(5.00)	(202,760)		(12,500)	(145,175)		(145,175)		(9,704)				3FE	0003											
CREDIT DEFAULT SWAP - WELLS FARGO-CVS 2010 SALE LEAS SR-SEC	12669*AA5 WELLS FARGO-CVS 2010 SALE LEAS SR-SEC 6.83% due 10/10/2032	D-1	Credit	CREDIT SUISSE INTERNATIONAL E58DKGIMJYYJLN8C3868	09/19/2017	12/20/2022		18,000,000	(1.00)	(428,555)		(45,000)	(273,506)		(273,506)		(3,777)			20,005		2	0003										

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE DB - PART A - SECTION 1

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date

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Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)	
CREDIT DEFAULT SWAP - WELLS FARGO-CVS 2010 SALE LEAS SR-SEC	12669*AA5 WELLS FARGO-CVS 2010 SALE LEAS SR-SEC 6.83% due 10/10/2032	D-1	Credit	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	09/19/2017	12/20/2022		30,000,000	/(1.00)	(699,077)		(75,000)	(455,843)		(455,843)	(5,582)					2	0003	
CREDIT DEFAULT SWAP - WELLS FARGO-CVS 2010 SALE LEAS SR-SEC	12669*AA5 WELLS FARGO-CVS 2010 SALE LEAS SR-SEC 6.83% due 10/10/2032	D-1	Credit	BNP PARIBAS ROMUI/SFPUMPRO8K5P83	09/19/2017	12/20/2022		20,000,000	/(1.00)	(476,173)		(50,000)	(303,895)		(303,895)	(4,196)					2	0003	
CREDIT DEFAULT SWAP - WELLS FARGO BK-CVS 2010 SECOND SR-SEC	94978#C08 WELLS FARGO BK-CVS 2010 SECOND SR-SEC 5.61% due 08/10/2027	D-1	Credit	BNP PARIBAS ROMUI/SFPUMPRO8K5P83	01/10/2018	12/20/2022		11,520,000	/(1.00)	(219,778)		(28,800)	(175,044)		(175,044)	(515)					2	0003	
CREDIT DEFAULT SWAP - WELLS FARGO BK-CVS 2010 SECOND SR-SEC	94978#C08 WELLS FARGO BK-CVS 2010 SECOND SR-SEC 5.61% due 08/10/2027	D-1	Credit	BNP PARIBAS ROMUI/SFPUMPRO8K5P83	01/10/2018	12/20/2021		1,855,000	/(1.00)	(40,957)		(4,638)	(28,501)		(28,501)	(702)					2	0003	
CREDIT DEFAULT SWAP - WELLS FARGO BK-CVS 2010 SECOND SR-SEC	94978#C08 WELLS FARGO BK-CVS 2010 SECOND SR-SEC 5.61% due 08/10/2027	D-1	Credit	BNP PARIBAS ROMUI/SFPUMPRO8K5P83	01/10/2018	12/20/2020		1,755,000	/(1.00)	(36,768)		(4,388)	(21,462)		(21,462)	(557)					2	0003	
CREDIT DEFAULT SWAP - WELLS FARGO BK-CVS 2010 SECOND SR-SEC	94978#C08 WELLS FARGO BK-CVS 2010 SECOND SR-SEC 5.61% due 08/10/2027	D-1	Credit	BNP PARIBAS ROMUI/SFPUMPRO8K5P83	01/10/2018	12/20/2019		1,660,000	/(1.00)	(26,168)		(4,150)	(10,053)		(10,053)	(246)					2	0003	
CREDIT DEFAULT SWAP - AETNA INC SR UNSEC	00817YAJ7 AETNA INC SR UNSEC 4.5% due 05/15/2042	D-1	Credit	BARCLAYS BANK PLC G5GSEF7VJP5170UK5573	03/28/2018	06/20/2021		4,000,000	/(1.00)	(96,962)		(10,000)	(70,137)		(70,137)	(308)					2FE	0003	
CREDIT DEFAULT SWAP - BGS CTL PT-CVS EVANSVILLE SR-SEC	08882*AA4 BGS CTL PT-CVS EVANSVILLE SR-SEC 6.043% due 01/15/2037	D-1	Credit	BANK OF AMERICA NA B4TYDEB6GKMZ0031MB27	07/16/2018	06/20/2021		3,100,000	/(1.00)	(54,718)		(7,750)	(45,217)		(45,217)	(2,005)					2	0003	
CREDIT DEFAULT SWAP - LESMARK CAPITAL CTL PT TRUST-C 2013-SR-SEC	22956#AA2 LESMARK CAPITAL CTL PT TRUST-C 2013-SR-SEC 5% due 01/15/2039	D-1	Credit	BARCLAYS BANK PLC G5GSEF7VJP5170UK5573	07/18/2018	06/20/2021		6,800,000	/(1.00)	(122,114)		(17,000)	(99,185)		(99,185)	(4,613)					2	0003	
CREDIT DEFAULT SWAP - TIME WARNER CABLE LLC SR SEC	88732JAJ7 TIME WARNER CABLE LLC SR SEC 6.55% due 05/01/2037	D-1	Credit	CREDIT SUISSE INTERNATIONAL E58DKGJMYJLNB8C3868	12/03/2018	12/20/2019		4,000,000	/(1.00)	(34,918)		(10,000)	(25,023)		(25,023)	425					2FE	0003	
CREDIT DEFAULT SWAP - BALL CORP CO.GUARNT	058498AS5 BALL CORP CO.GUARNT 4% due 11/15/2023	D-1	Credit	GOLDMAN SACHS BANK USA KD3XUN7C6T14HNAYLU02	12/04/2018	12/20/2019		8,000,000	/(5.00)	(395,272)		(100,000)	(282,441)		(282,441)	(4,493)					3FE	0003	
CREDIT DEFAULT SWAP - CALIFORNIA RESOURCES CRP CO.GUARNT	13057QAF4 CALIFORNIA RESOURCES CRP CO.GUARNT 6% due 11/15/2024	D-1	Credit	GOLDMAN SACHS BANK USA KD3XUN7C6T14HNAYLU02	12/04/2018	12/20/2019		3,000,000	/(5.00)	195,000		(37,500)	33,966		13,966	(105,426)					5FE	0003	
CREDIT DEFAULT SWAP - TIME WARNER CABLE LLC SR SEC	88732JAJ7 TIME WARNER CABLE LLC SR SEC 6.55% due 05/01/2037	D-1	Credit	CREDIT SUISSE INTERNATIONAL E58DKGJMYJLNB8C3868	01/14/2019	12/20/2019		5,000,000	/(1.00)			(14,167)	(31,279)		(31,279)	(31,279)					2FE	0003	
CREDIT DEFAULT SWAP - TIME WARNER CABLE LLC SR SEC	88732JAJ7 TIME WARNER CABLE LLC SR SEC 6.55% due 05/01/2037	D-1	Credit	BARCLAYS BANK PLC G5GSEF7VJP5170UK5573	01/22/2019	12/20/2019		1,000,000	/(1.00)			(2,833)	(6,256)		(6,256)	(6,256)					2FE	0003	
0929999999. Subtotal - Swaps - Hedging Other - Credit Default										(3,293,290)		(621,976)	(2,623,743)	XXX	(2,623,743)	(49,809)				200,503		XXX	XXX
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	N2557FDK7 DEUTSCHE TELEKOM INT FIN CO.GUARNT 7.5% due 01/24/2033	D-1	Currency	BANK OF AMERICA NA B4TYDEB6GKMZ0031MB27	03/12/2003	01/24/2033		22,030,000	7.77/(7.5)			32,966	(8,174,108)		(8,174,108)	(59,434)					409,636	0002	

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CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	F4113NC7 ORANGE SA SR UNSEC 8.125% due 01/28/2033	D-1	Currency	MORGAN STANLEY CAPITAL SERVICE	17331LVCZKQX57XV54	03/12/2003	01/28/2033	22,030,000	8.429/(8.125)			16,596	(8,393,710)		(8,393,710)	(23,689)	479,913			409,798	0002	
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	F9686MAC1 VEOLIA ENVIRONMENT SA SR UNSEC 6.125% due 11/25/2033	D-1	Currency	MORGAN STANLEY CAPITAL SERVICE	17331LVCZKQX57XV54	02/05/2004	11/25/2033	12,600,000	6.4075/(6.125)			33,910	(1,495,955)		(1,495,955)	(27,350)	239,957			241,264	0002	
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	62890CD1 PEP SHOPPING CENTER 4.48% due 12/14/2021	D-1	Currency	JP MORGAN CHASE BANK NA	7H6GLXDRUGUF57RNE97	10/18/2011	12/14/2021	140,319,692	4.5375/(4.48)			306,389	18,031,946		18,031,946	1,758,877	2,464,907			1,154,889	0002	
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	62890CF6 GROPIUS 3.68% due 03/28/2022	D-1	Currency	DEUTSCHE BK AG	7LTWFZY1ONSX8D621K86	03/26/2012	03/28/2022	82,615,000	4.085/(3.68)			206,290	8,900,011		8,900,011	1,018,113	1,487,731			714,813	0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	G1745*AC5 BROOKFIELD UTILITIES ISSUER UK C- SR-SEC 4.26% due 04/17/2025	D-1	Currency	CITIBANK NA	E57ODZIZ7F32TWEFA76	03/13/2013	04/17/2025	52,220,000	4.59/(4.26)			105,196	4,943,790		4,943,790	(193,549)	(974,983)			642,330	0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	G0566*AB5 ARQIVA PP FINANCING PLC 2-SR-SEC 4.101% due 06/30/2025	D-1	Currency	BANK OF AMERICA NA	B4TYDEB6GMZ0031MB27	05/30/2013	06/30/2025	40,986,638	4.61/(4.101)			112,550	5,196,004		5,196,004	(74,226)	(752,687)			512,529	0002	
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	62890BE0 ERLANGEN ARCADEN 5.85% due 04/16/2022	D-1	Currency	DEUTSCHE BK AG	7LTWFZY1ONSX8D621K86	11/20/2013	04/16/2022	21,739,940	6.59/(5.54)			109,607	3,209,953		3,209,953	254,857	385,362			189,723	0002	
CURRENCY SWAP - PAY FIXED CAD RECEIVE FIXED USD	390730AK5 GREAT LAKES POWER LTD 3-SUB-SEC 4.96% due 06/16/2023	D-1	Currency	BANK OF AMERICA NA	B4TYDEB6GMZ0031MB27	03/19/2014	06/16/2023	17,005,281	4.908/(4.96)			31,733	2,757,746		2,757,746	(86,767)	(300,457)			174,536	0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	G1745*AM3 BROOKFIELD UTILITIES ISSUER UK B- SR-SEC 4.51% due 06/15/2029	D-1	Currency	CITIBANK NA	E57ODZIZ7F32TWEFA76	04/10/2014	06/15/2029	11,739,000	4.886/(4.51)			40,205	2,422,886		2,422,886	(61,118)	(194,997)			187,608	0002	
CURRENCY SWAP - PAY FIXED NZD RECEIVE FIXED USD	Q7724AJ7 POWERCO LTD SR-SEC 6.62% due 04/15/2027	D-1	Currency	DEUTSCHE BK AG	7LTWFZY1ONSX8D621K86	07/02/2014	04/15/2027	43,800,000	4/(6.62)			(132,375)	4,414,639		4,414,639	(570,363)	(489,997)			621,226	0002	
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	Q1297AF5 CSL FINANCE PTY LTD B-SR 1.93% due 11/12/2024	D-1	Currency	CITIBANK NA	E57ODZIZ7F32TWEFA76	09/17/2014	11/12/2024	25,926,000	3.7725/(1.93)			139,017	2,878,856		2,878,856	155,124	479,913			307,435	0002	
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	Q1297AG3 CSL FINANCE PTY LTD C-SR 2.1% due 11/12/2026	D-1	Currency	CITIBANK NA	E57ODZIZ7F32TWEFA76	09/17/2014	11/12/2026	25,930,000	3.875/(2.1)			136,407	2,735,870		2,735,870	62,634	479,913			358,000	0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	G6596AA4 NORTH WEST ELECTRICITY NETWORK 1- SR-SEC 4.07% due 12/20/2029	D-1	Currency	CITIBANK NA	E57ODZIZ7F32TWEFA76	10/08/2014	12/20/2029	19,280,400	4.584/(4.07)			61,508	3,209,237		3,209,237	(115,795)	(334,280)			315,803	0002	
CURRENCY SWAP - PAY FIXED AUD RECEIVE FIXED USD	7107B 101 MILLER STREET OIA	BA-1	Currency	CITIBANK NA	E57ODZIZ7F32TWEFA76	12/11/2014	12/13/2024	25,187,081	4.4925/(6.00)			(42,590)	1,751,698		1,751,698	(233,871)	(173,979)			300,919	0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 711700	B-1	Currency	CITIBANK NA	E57ODZIZ7F32TWEFA76	12/18/2014	01/25/2022	136,485,700	3.856/(3.35)			349,783	21,237,856		21,237,856	(79,186)	(2,426,315)			1,146,938	0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 706100	B-1	Currency	CITIBANK NA	E57ODZIZ7F32TWEFA76	01/28/2015	07/16/2035	140,885,677	4.825/(4.1)			467,329	15,947,234		15,947,234	(1,324,285)	(2,704,174)			2,844,364	0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	G6750*AD4 THE 1887 CO LTD D-SR-SEC 2.91% due 04/29/2027	D-1	Currency	JP MORGAN CHASE BANK NA	7H6GLXDRUGUF57RNE97	02/26/2015	04/29/2027	30,808,000	3.5063/(2.91)			77,752	3,918,979		3,918,979	(81,909)	(557,133)			437,998	0002	

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CURRENCY SWAP - PAY FIXED AUD RECEIVE FIXED USD	04436#AB0 HALLETT HILL NO. 2 PTY LTD SR-SEC 4.876% due 06/27/2027	D-1	Currency	CITIBANK NA	E570DZIZ7FF32WIEFA76	03/17/2015	06/27/2027	7,655,223	3.86/(4.876)			(13,810)	(914)		(914)	(88,109)	(62,159)			109,917	0002	
CURRENCY SWAP - PAY FIXED CHF RECEIVE FIXED USD	01297#AJ7 CSL FINANCE PTY LTD SR 0.955% due 10/08/2025	D-1	Currency	CITIBANK NA	E570DZIZ7FF32WIEFA76	09/11/2015	10/08/2025	51,203,277	3.8025/(0.955)			368,312	575,996		575,996	429,607	656,468			654,159	0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	62890#Q9 Cityhold Office Partnership 2.85% due 10/01/2020	D-1	Currency	BARCLAYS BANK PLC	G5GSEF7VJP5170UK5573	09/29/2015	10/01/2020	303,080,000	1.62/(1.5)			246,917	36,493,124		36,493,124	842,353	(5,571,331)			1,860,211	0002	
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	62890#CP4 Cityhold Office Partnership 1.75% due 10/01/2020	D-1	Currency	MORGAN STANLEY CAPITAL SERVICE	I7331LVCKQKX5T7XV54	09/29/2015	10/01/2020	235,935,000	3.28/(1.75)			907,974	(4,619,186)		(4,619,186)	1,726,509	5,039,089			1,448,096	0002	
CURRENCY SWAP - PAY FIXED AUD RECEIVE FIXED USD	7096 T-C MT OIMANEY CENTRE HOLDING CO LLC OIA	BA-1	Currency	JP MORGAN CHASE BANK NA	7H6GLXDRUGOFU57RNE97	10/21/2015	10/15/2019	104,445,394	1.7925/(3.00)			(303,537)	649,998		649,998	339,813	(824,887)			384,632	0002	
CURRENCY SWAP - PAY FIXED AUD RECEIVE FIXED USD	87318#AA8 T-C MT OIMANEY CENTRE HOLDING PRIN MAT/AFFIL HENDERS/SH INT 6% due 10/10/2024	D-1	Currency	JP MORGAN CHASE BANK NA	7H6GLXDRUGOFU57RNE97	10/21/2015	10/10/2024	22,536,816	4.773/(6.00)			(64,058)	(1,482,589)		(1,482,589)	(273,602)	(177,991)			265,089	0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 720700 78408LA*8 SC JOHNSON & SON-INC. SR-UNSEC 2.18% due 02/17/2031	B-1	Currency	CITIBANK NA	E570DZIZ7FF32WIEFA76	11/16/2015	01/15/2026	189,430,000	4.103/(3.66)			472,884	21,552,531		21,552,531	(666,687)	(3,471,636)			2,469,865	0002	
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	MORTGAGE LOAN 718500	B-1	Currency	CITIBANK NA	E570DZIZ7FF32WIEFA76	11/18/2015	01/25/2021	102,465,000	5.753/(5.4)			267,045	13,465,412		13,465,412	(80,687)	(1,880,324)			692,048	0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 719700	B-1	Currency	JP MORGAN CHASE BANK NA	7H6GLXDRUGOFU57RNE97	12/09/2015	01/15/2031	66,074,771	4.805/(4.25)			186,141	7,457,777		7,457,777	(378,859)	(1,325,268)			1,135,003	0002	
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	Z108 ISLAZUL OIA F1840#AB8 CHANEL SAS PRIN AT MAT 2.044% due 03/30/2028	BA-1	Currency	JP MORGAN CHASE BANK NA	7H6GLXDRUGOFU57RNE97	12/16/2015	10/15/2019	6,186,380	5.78/(3.8)			29,306	(205,557)		(205,557)	27,630	135,815			22,782	0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	G2730#AD4 DERIENT LONDON PLC SR-UNSEC 3.57% due 05/04/2031	D-1	Currency	JP MORGAN CHASE BANK NA	7H6GLXDRUGOFU57RNE97	01/15/2016	03/30/2028	82,087,500	3.5775/(2.044)			313,257	(7,932,100)		(7,932,100)	291,865	1,799,674			1,231,687	0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	G2730#AC6 DERIENT LONDON PLC SR-UNSEC 3.46% due 05/04/2028	D-1	Currency	CITIBANK NA	E570DZIZ7FF32WIEFA76	02/04/2016	05/04/2031	65,655,000	4.145/(3.57)			150,165	3,655,780		3,655,780	(583,135)	(1,253,550)			1,141,971	0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	70780IA NOVA LUND OIA	D-2, BA-1	Currency	CITIBANK NA	E570DZIZ7FF32WIEFA76	02/11/2016	11/15/2022	89,056,357	4.7/(4.00)			45,707	1,392,459		1,392,459	(128,355)	(417,850)			330,119	0002	
CURRENCY SWAP - PAY FIXED CAD RECEIVE FIXED USD	390730AL3 GREAT LAKES POWER LTD 4-SR-SEC 3.2355% due 06/16/2023	D-1	Currency	ROYAL BANK OF CANADA	ES71P3U3RH1GC71XBU11	03/16/2016	06/16/2023	37,425,150	3.62/(3.2355)			34,904	(219,234)		(219,234)	(238,342)	(790,677)			384,119	0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	8061 70 St Mary Axe OIA	D-2	Currency	JP MORGAN CHASE BANK NA	7H6GLXDRUGOFU57RNE97	04/13/2016	10/01/2020	49,777,000	5.443/(5.00)			105,349	3,564,803		3,564,803	11,088	(974,983)			305,516	0002	

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CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	G9006@AK2 TRANSMISSION FINANCE DAC Corporate Bond 1.93% due 05/04/2029	D-1	Currency	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	04/13/2016	05/04/2029		73,333,000	3.669/(1.93)			325,603	(3,675,954)		(3,675,954)	(540,529)	1,559,718			1,165,358	0002	
CURRENCY SWAP - PAY FIXED CAD RECEIVE FIXED USD	386435AB7 GRAND RENEWABLE SOLAR LP 3.926% Due 1/31/2035 JUS1 3.926% due 01/31/2035	D-1	Currency	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	05/31/2016	01/31/2035		26,877,011	3.964/(3.926)			(6,175)	(87,319)		(87,319)	(311,951)	(582,088)			535,003	0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	87287*AA9 TC UK RE Holdings I LLC FIXED INTEREST LOAN A 6.5% due 06/17/2023	D-1	Currency	HSBC BANK USA 11E8VN30JCEV1H4R804	06/20/2016	06/17/2023		34,075,437	7.08/(6.5)			109,254	3,475,296		3,475,296	(60,157)	(648,158)			349,852	0002	
CURRENCY SWAP - PAY FIXED SEK RECEIVE FIXED USD	W2710@AB6 ELLEV10 AB 2.78% Due 10/26/2028 FA28 2.78% due 10/26/2028	D-1	Currency	BANK OF AMERICA NA B4TYDEB6GMZ0031MB27	09/08/2016	10/26/2028		75,000,000	3.44/(2.78)			196,377	1,356,013		1,356,013	678,075	3,340,586			1,160,734	0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 803400 L1W3759195 REPUBLIC OF INDONESIA SR UNSEC 3.75% due 06/14/2028	B-1	Currency	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	09/13/2016	10/15/2026		62,916,300	3.725/(2.7791)			154,236	(557,364)		(557,364)	(393,150)	(1,328,763)			864,266	0002	
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	Q7677@AA5 PLENARY HEALTH FINANCE CO PTY SERIES A 4.945% due 07/02/2040	D-1	Currency	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	09/29/2016	06/14/2028		5,614,000	6.0125/(3.75)			34,413	(170,714)		(170,714)	(5,055)	119,978			85,204	0002	
CURRENCY SWAP - PAY FLOATING AUD RECEIVE FIXED USD	L1W3759195 REPUBLIC OF INDONESIA SR UNSEC 3.75% due 06/14/2028	D-1	Currency	CITIBANK NA E570DZ1Z7FF32TWEFA76	10/04/2016	07/01/2040		146,913,076	3.5/(4.2325)			(126,580)	(577,407)		(577,407)	3,993,684	(1,149,803)			3,387,651	0002	
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	L1W3759195 REPUBLIC OF INDONESIA SR UNSEC 3.75% due 06/14/2028	D-1	Currency	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	10/05/2016	06/14/2028		5,600,000	6.055/(3.75)			34,797	(169,398)		(169,398)	(5,561)	119,978			84,991	0002	
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	L1W3759195 REPUBLIC OF INDONESIA SR UNSEC 3.75% due 06/14/2028	D-1	Currency	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	10/11/2016	06/14/2028		16,596,000	5.95/(3.75)			96,947	(923,673)		(923,673)	(18,912)	359,935			251,878	0002	
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	G4273*AM7 HAMMERSON PLC 1.79% Due 1/11/2028 JJ11 1.79% due 01/11/2028	D-1	Currency	CITIBANK NA E570DZ1Z7FF32TWEFA76	10/13/2016	01/11/2028		36,356,100	3.69/(1.79)			169,158	(2,307,736)		(2,307,736)	(148,613)	791,857			538,912	0002	
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	031100H0 AMETEK INC SERIES Q 1.53% due 10/31/2028	D-1	Currency	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	10/14/2016	10/31/2028		22,036,000	3.324/(1.53)			98,549	(1,511,946)		(1,511,946)	(162,080)	479,913			341,283	0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	031100J80 AMETEK INC SERIES S 2.7% due 11/23/2031	D-1	Currency	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	10/14/2016	11/23/2031		8,554,000	3.4725/(2.7)			12,163	(1,159,552)		(1,159,552)	(120,513)	(194,997)			152,165	0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	G1745*AR2 BROOKFIELD UTILITIES ISSUER UK 2.62% Due 11/10/2026 MN10 2.62% due 11/10/2026	D-1	Currency	CITIBANK NA E570DZ1Z7FF32TWEFA76	10/19/2016	11/10/2026		12,295,000	3.393/(2.62)			17,948	(1,252,096)		(1,252,096)	(91,046)	(278,567)			169,689	0002	
CURRENCY SWAP - PAY FIXED JPY RECEIVE FIXED USD	8138 Ginza 115 (Tokyo) OIA G0566*AD1 ARQIVA PP FINANCING PLC Fit % Due 12/31/2029 JD31 3.23469% due 12/31/2029	BA-1	Currency	CITIBANK NA E570DZ1Z7FF32TWEFA76	10/25/2016	10/29/2021		39,663,124	4.5925/(2.5)			231,851	1,486,856		1,486,856	(522,353)	419,376			318,762	0002	
CURRENCY SWAP - PAY FLOATING GBP RECEIVE FIXED USD		D-1	Currency	CITIBANK NA E570DZ1Z7FF32TWEFA76	11/01/2016	12/31/2029		47,736,297	4.1225/(3.2347)			87,129	(5,097,106)		(5,097,106)	361,848	(1,088,194)			782,993	0002	

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CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	831401A Vicolungo OIA	D-2, BA-1	Currency	JP MORGAN CHASE BANK NA	12/07/2016	12/09/2021		139,620,000	7.6/(5.00)			836,860	(8,464,139)		(8,464,139)	1,451,436	3,119,436			1,146,222		0002
CURRENCY SWAP - PAY FIXED CAD RECEIVE FIXED USD	CO237#AA6 ALTIMA DENTAL CANADA HLDGS- INC 11% Due 6/15/2023 FMAN28 11% due 06/15/2023	D-1	Currency	CITIBANK NA	12/14/2016	11/30/2019		15,387,249	11.6025/(11)			25,605	239,916		239,916	(42,215)	(319,829)			62,904		0002
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 719700	B-1	Currency	JP MORGAN CHASE BANK NA	12/21/2016	01/15/2031		8,374,535	5.7437/(4.25)			26,197	(515,953)		(515,953)	(180,851)	(187,516)			143,854		0002
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	831401A Vicolungo OIA	D-2, BA-1	Currency	CITIBANK NA	12/21/2016	12/20/2019		146,188,000	5.532/(3.00)			848,416	(11,792,778)		(11,792,778)	552,014	3,359,392			621,638		0002
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 804100	B-1	Currency	JP MORGAN CHASE BANK NA	12/29/2016	01/22/2027		201,976,500	4.6375/(3.1989)			627,607	(13,137,349)		(13,137,349)	(1,957,180)	(4,596,348)			2,823,913		0002
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	MORTGAGE LOAN 834800	B-1	Currency	CITIBANK NA	01/13/2017	01/15/2027		87,845,225	4.415/(3.2)			223,562	(7,963,707)		(7,963,707)	(840,849)	(2,014,385)			1,226,692		0002
CURRENCY SWAP - PAY FIXED AUD RECEIVE FIXED USD	8107 Myer Bourke St OIA	BA-1	Currency	JP MORGAN CHASE BANK NA	01/17/2017	01/17/2020		64,108,800	2.06/(2.75)			(84,390)	3,217,170		3,217,170	112,264	(483,480)			286,703		0002
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 834200 AM771865 LIBERTY MUTUAL FIN EU CO. GUARNT 1.75% due 03/27/2024	B-1	Currency	JP MORGAN CHASE BANK NA	02/06/2017	04/15/2027		174,418,886	4.4585/(3.1547)			520,039	(9,362,971)		(9,362,971)	(1,609,616)	(3,903,219)			2,473,824		0002
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	N8502#AB3 TELEDYNE NETHERLANDS B.V. 1.09% Due 4/18/2024 A018 1.09% due 04/18/2024	D-1	Currency	CITIBANK NA	03/20/2017	03/27/2024		10,750,000	4.161/(1.75)			65,516	(634,126)		(634,126)	54,058	239,957			120,123		0002
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	B9550#AA9 UMI CORE SA/NV SR-UNSEC 1.84% due 12/07/2027	D-1	Currency	JP MORGAN CHASE BANK NA	03/29/2017	04/18/2024		34,387,200	3.4076/(1.09)			196,825	(2,063,418)		(2,063,418)	137,381	767,861			386,561		0002
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	B9550#AB7 UMI CORE SA/NV SR-UNSEC 2.05% due 12/07/2029	D-1	Currency	JP MORGAN CHASE BANK NA	04/05/2017	12/07/2027		42,660,000	4.0125/(1.84)			222,708	(3,489,165)		(3,489,165)	(203,123)	959,826			628,897		0002
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	L2289#AB7 DH JAPAN FINANCE SA 0.65% Due 5/11/2032 MN11 0.65% due 05/11/2032	D-1	Currency	JP MORGAN CHASE BANK NA	04/05/2017	12/07/2029		69,322,500	4.1275/(2.05)			343,768	(6,154,541)		(6,154,541)	(767,437)	1,559,718			1,133,581		0002
CURRENCY SWAP - PAY FIXED JPY RECEIVE FIXED USD	L2289#AA9 DH JAPAN FINANCE SA 0.3% Due 5/11/2027 MN11 0.3% due 05/11/2027	D-1	Currency	JP MORGAN CHASE BANK NA	05/01/2017	05/11/2032		75,080,443	3.6874/(0.65)			569,732	(1,174,037)		(1,174,037)	1,536,844	847,086			1,359,935		0002
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	LW0042629 TRINITY ACQUISITION PLC CO. GUARNT 2.125% due 05/26/2022	D-1	Currency	JP MORGAN CHASE BANK NA	05/01/2017	05/11/2027		70,075,080	3.3465/(0.3)			533,541	(505,893)		(505,893)	1,440,455	790,614			998,281		0002
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	JK9336864 LIBERTY MUTUAL GROUP INC CO. GUARNT 2.75% due 05/04/2026	D-1	Currency	JP MORGAN CHASE BANK NA	05/18/2017	05/26/2022		22,226,000	4.832/(2.125)			155,749	(273,567)		(273,567)	164,230	479,913			197,429		0002
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD		D-1	Currency	JP MORGAN CHASE BANK NA	05/19/2017	05/04/2026		22,380,000	4.955/(2.75)			132,128	(684,951)		(684,951)	53,523	479,913			298,138		0002

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CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	AN8203570 IVORY COAST SR UNSEC 5.125% due 06/15/2025	D-1	Currency	CITIBANK NA E570DZIZ7F32TWEFA76	06/09/2017	06/15/2025		2,233,000	7.63/(5.125)			15,269	(63,129)		(63,129)	18,804	47,991			27,831		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 841800	B-1	Currency	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	06/09/2017	10/15/2024		59,423,640	4.02/(2.65)			194,951	(1,257,439)		(1,257,439)	(338,136)	(1,300,349)			699,834		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 706100	B-1	Currency	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	07/10/2017	07/16/2035		14,939,440	4.503/(3.7658)			47,057	(379,410)		(379,410)	(200,150)	(323,797)			301,615		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 844700 G7605#AA1 TANK & RAST GRUPPE GMBH CO KG 2.29% Due 10/18/2032 A018 2.29% due 10/18/2032	B-1	Currency	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	07/28/2017	10/15/2024		155,433,222	7.4235/(6.1097)			541,634	309,693		309,693	(1,045,358)	(3,311,042)			1,830,543		0002	
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	G7605#AB9 TANK & RAST GRUPPE GMBH CO KG 2.76% Due 10/18/2036 A018 2.76% due 10/18/2036	D-1	Currency	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	09/13/2017	10/18/2032		23,834,000	4.2175/(2.29)			125,087	730,442		730,442	(25,513)	479,913			438,857		0002	
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	MORTGAGE LOAN 803401	B-1	Currency	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	10/05/2017	10/15/2026		76,163,020	3.7625/(2.6997)			211,944	(470,048)		(470,048)	(487,963)	(1,616,678)			1,046,233		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 849400 06568#AE1 NETWORK FINANCE CO PTY LTD 3.64% Due 2/14/2030 JAJ03	B-1	Currency	BARCLAYS BANK PLC G5GSEF7VJP5170UK5573	11/13/2017	01/25/2023		199,888,650	3.835/(2.6778)			562,347	159,799		159,799	(533,388)	(4,255,104)			1,954,584		0002	
CURRENCY SWAP - PAY FLOATING AUD RECEIVE FIXED USD	MORTGAGE LOAN 718500 06568#AA7 OSARS Western Roads Package (Private Placement) 4.87% due 09/30/2039	D-1	Currency	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	11/16/2017	02/14/2030		56,925,000	3.64/(3.6402)			60,693	4,092,252		4,092,252	1,534,283	(427,606)			939,044		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 849400 06568#AE1 NETWORK FINANCE CO PTY LTD 3.64% Due 2/14/2030 JAJ03	B-1	Currency	CITIBANK NA E570DZIZ7F32TWEFA76	11/28/2017	01/25/2022		33,200,000	6.961/(5.7103)			100,187	509,002		509,002	(78,956)	(696,416)			278,992		0002	
CURRENCY SWAP - PAY FIXED AUD RECEIVE FIXED USD	C5793#AK9 MOCAIN FOODS LTD SR-UNSEC 3.68% due 10/23/2030	D-1	Currency	CITIBANK NA E570DZIZ7F32TWEFA76	12/11/2017	09/30/2039		90,288,000	4.168/(4.87)			(96,583)	(627,470)		(627,470)	(2,001,214)	(684,169)			2,044,733		0002	
CURRENCY SWAP - PAY FIXED CAD RECEIVE FIXED USD	C5793#AL7 MOCAIN FOODS LTD SR-UNSEC 3.79% due 10/23/2032	D-1	Currency	BANK OF AMERICA NA B4TYDEB6KMZ0031MB27	01/23/2018	10/23/2030		16,079,756	3.735/(3.68)			10,258	762,302		762,302	(195,086)	(316,271)			273,505		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	G1737#AB5 SCOTIA GAS NETWORKS LTD 4-SR- UNSEC 3.02% due 03/14/2032	D-1	Currency	BANK OF AMERICA NA B4TYDEB6KMZ0031MB27	01/23/2018	10/25/2032		26,531,597	3.83/(3.79)			16,327	1,145,205		1,145,205	(400,416)	(521,847)			488,873		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	G7737#AD6 SCOTIA GAS NETWORKS LTD 4-SR- UNSEC 3.02% due 03/14/2033	D-1	Currency	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	01/25/2018	03/14/2032		31,427,000	4.23/(2.83)			118,157	3,707,845		3,707,845	(259,147)	(612,846)			565,782		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	G7737#AC8 SCOTIA GAS NETWORKS LTD 3-SR- UNSEC 2.9% due 03/14/2030	D-1	Currency	BANK OF AMERICA NA B4TYDEB6KMZ0031MB27	01/25/2018	03/14/2033		27,160,500	4.455/(3.02)			105,104	3,348,604		3,348,604	(248,563)	(529,276)			507,480		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD		D-1	Currency	BARCLAYS BANK PLC G5GSEF7VJP5170UK5573	01/25/2018	03/14/2030		15,720,100	4.306/(2.9)			59,486	1,841,092		1,841,092	(123,061)	(306,423)			260,233		0002	

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CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 853700	B-1	Currency	HSBC BANK USA	01/29/2018	01/15/2023		277,192,800	4.237/(2.7705)			1,204,617	23,474,269		23,474,269	(893,897)	(5,482,190)			2,700,767		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 854600	B-1	Currency	JP MORGAN CHASE BANK NA	02/20/2018	01/30/2025		203,101,500	4.3235/(2.8436)			843,102	18,038,489		18,038,489	(986,723)	(4,039,215)			2,454,315		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 855400 N7591#AA9 ROTTERDAM	B-1	Currency	BANK OF AMERICA NA	02/21/2018	04/24/2023		49,831,944	4.1255/(2.5801)			212,827	4,053,105		4,053,105	(173,422)	(993,382)			502,568		0002	
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	WORLD GATEWAY B.V. SR- UNSEC 2.47% due 03/31/2036	D-1	Currency	JP MORGAN CHASE BANK NA	03/06/2018	03/31/2036		84,320,000	4.705/(2.47)			520,901	9,063,127		9,063,127	(290,341)	1,631,705			1,739,002		0002	
FLOATING GBP RECEIVE FLOATING USD	MORTGAGE LOAN 855500	B-1	Currency	BARCLAYS BANK PLC	03/14/2018	05/16/2020		13,385,997	7.207/(5.2279)			81,920	981,906		981,906	(39,187)	(267,074)			71,109		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 855000	B-1	Currency	JP MORGAN CHASE BANK NA	03/19/2018	04/01/2023		27,799,200	4.27/(2.7074)			126,463	2,407,991		2,407,991	(98,080)	(551,562)			278,182		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 854900	B-1	Currency	JP MORGAN CHASE BANK NA	03/21/2018	10/20/2027		323,750,700	4.1925/(2.82)			1,284,622	30,197,758		30,197,758	(1,970,132)	(6,409,817)			4,736,519		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 803402	B-1	Currency	CITIBANK NA	04/10/2018	10/15/2026		22,657,830	4.312/(2.8898)			95,840	2,315,400		2,315,400	(123,930)	(445,428)			311,245		0002	
FLOATING GBP RECEIVE FLOATING USD	MORTGAGE LOAN 855500	B-1	Currency	BARCLAYS BANK PLC	04/12/2018	05/16/2020		7,094,000	7.1917/(5.2279)			44,526	630,030		630,030	(21,549)	(139,283)			37,685		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 859500	B-1	Currency	BANK OF AMERICA NA	04/24/2018	04/15/2033		72,664,800	4.397/(2.9087)			309,372	7,584,640		7,584,640	(704,451)	(1,448,546)			1,361,959		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 860000 065688AH4 NETWORK	B-1	Currency	CITIBANK NA	05/09/2018	04/25/2023		247,338,000	4.456/(2.7564)			1,094,610	14,633,364		14,633,364	(1,050,269)	(5,069,912)			2,495,306		0002	
CURRENCY SWAP - PAY FIXED AUD RECEIVE FIXED USD	FINANCE CO PTY LTD SR- SEC 4.36% due 12/13/2028	D-1	Currency	BANK OF AMERICA NA	06/13/2018	12/13/2028		49,322,000	4.205/(4.36)			14,619	2,510,121		2,510,121	(893,961)	(370,592)			768,550		0002	
CURRENCY SWAP - PAY FIXED AUD RECEIVE FIXED USD	7107B 101 MILLER STREET 01A	BA-1	Currency	JP MORGAN CHASE BANK NA	06/13/2018	12/21/2022		23,115,113	3.76/(3.425)			31,492	1,393,365		1,393,365	(163,730)	(173,979)			223,177		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 854600 G7996#AD2 SEGRO PLC SR-UNSEC 4.28% due 10/12/2028	B-1	Currency	JP MORGAN CHASE BANK NA	06/26/2018	01/30/2025		73,167,650	4.2695/(2.7)			291,620	2,475,342		2,475,342	(422,156)	(1,539,547)			884,171		0002	
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	10/12/2028	D-1	Currency	CITIBANK NA	07/12/2018	10/12/2028		36,177,000	4.277/(1.82)			231,570	1,866,577		1,866,577	(194,311)	743,865			558,770		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 855100 AR7769417 IVORY COAST SR UNSEC 6.625% due 03/22/2048	B-1	Currency	BANK OF AMERICA NA	08/30/2018	07/15/2024		15,177,500	5.938/(4.2821)			61,804	194,398		194,398	(112,452)	(325,226)			174,638		0002	
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	C0461#AA3 AURORA SOLAR LTD PTNSP SR-UNSEC 4.113% due 12/31/2033	D-1	Currency	JP MORGAN CHASE BANK NA	09/06/2018	03/22/2048		3,485,700	9.9225/(6.625)			(75,665)	394,123		394,123	(44,816)	71,987			93,851		0002	
CURRENCY SWAP - PAY FIXED CAD RECEIVE FIXED USD	12/31/2033	D-1	Currency	JP MORGAN CHASE BANK NA	09/07/2018	12/31/2033		52,334,877	4.425/(4.113)			56,550	438,240		438,240	(604,438)	(1,088,294)			1,005,469		0002	

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Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)	
CURRENCY SWAP - PAY FIXED AUD RECEIVE FIXED USD	MORTGAGE LOAN 801400	B-1	Currency	CITIBANK NA E570DZIZ7FF32TWEFA76	10/01/2018	10/15/2023		14,873,200	4.324/(3.885)			17,267	247,621		247,621	(163,386)	(117,449)			158,545		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 803403 AV3038586 REPUBLIC OF KAZAKHSTAN SR UNSEC 2.375% due 11/09/2028	B-1	Currency	CREDIT AGRICOLE 1VUV7VQFKU00S21A208	10/22/2018	10/15/2026		20,828,152	4.6775/(2.988)			86,827	485,981		485,981	(167,126)	(447,239)			286,111		0002	
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	MORTGAGE LOAN 855500	D-1	Currency	CITIBANK NA E570DZIZ7FF32TWEFA76	11/05/2018	11/09/2028		10,036,400	5.181/(2.375)			72,260	508,704		508,704	(55,259)	211,162			155,638		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 855500	B-1	Currency	BARCLAYS BANK PLC G5GSEF7VJP5170UK5573	11/14/2018	05/16/2020		7,765,200	6.9808/(5.2279)			24,274	(51,008)		(51,008)	(12,813)	(167,140)			41,250		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 711700 218493AA2 CORDELIO	B-1	Currency	CITIBANK NA E570DZIZ7FF32TWEFA76	11/15/2018	10/25/2025		17,959,327	4.3275/(4.1318)			1,703	1,213,173		1,213,173	(481,696)	(392,074)			230,260		0002	
CURRENCY SWAP - PAY FIXED CAD RECEIVE FIXED USD	AMALCO LP I A-SR-UNSEC 4.087% due 09/30/2034	D-1	Currency	BANK OF AMERICA NA B4TYDEB6KMZ0031MB27	11/29/2018	09/30/2034		34,334,886	4.45/(4.087)			39,761	117,298		117,298	(376,992)	(761,360)			676,152		0002	
CURRENCY SWAP - PAY FIXED CAD RECEIVE FIXED USD	AMALCO LP I B-SR-UNSEC 4.087% due 06/30/2034	D-1	Currency	BANK OF AMERICA NA B4TYDEB6KMZ0031MB27	11/29/2018	06/30/2034		35,795,026	4.45/(4.087)			25,465	65,775		65,775	(432,589)	(751,144)			699,156		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 855100 479142D#5 JOHNSON	B-1	Currency	BANK OF AMERICA NA B4TYDEB6KMZ0031MB27	12/04/2018	07/15/2024		16,588,000	5.9/(4.2331)			93,253	(144,630)		(144,630)	(126,800)	(362,137)			190,868		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MATTHEY PLC SR-UNSEC 2.54% due 12/19/2025	D-1	Currency	BANK OF AMERICA NA B4TYDEB6KMZ0031MB27	12/10/2018	12/19/2025		29,049,000	3.965/(2.54)			97,182	(733,072)		(733,072)	(203,010)	(640,703)			376,687		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	OFFSHORE WIND LTD SR- UNSEC 2.74% due 06/15/2032	D-1	Currency	CREDIT AGRICOLE 1VUV7VQFKU00S21A208	12/12/2018	06/15/2032		42,887,600	4.1825/(2.74)			144,937	(1,055,520)		(1,055,520)	(439,209)	(947,126)			779,658		0002	
CURRENCY SWAP - PAY FIXED CAD RECEIVE FIXED USD	ZOO064933 ALTIMA DENTAL CANADA HLDGS- INC SUB-UNSEC 11.25% due 06/16/2023	D-1	Currency	CITIBANK NA E570DZIZ7FF32TWEFA76	01/28/2019	11/30/2019		8,443,899	13.8/(23.67)			(142,754)	129,671		129,671	59,850	69,821			34,519		0002	
CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 849400	B-1	Currency	BARCLAYS BANK PLC G5GSEF7VJP5170UK5573	02/26/2019	01/25/2023		6,631,250	4.18/(2.8483)			7,607	130,602		130,602	11,634	118,968			64,843		0002	
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	MORTGAGE LOAN 849400	B-1	Currency	CITIBANK NA E570DZIZ7FF32TWEFA76	03/06/2019	01/15/2024		77,096,979	4.732/(1.90)			136,232	1,294,755		1,294,755	657,812	636,943			844,314		0002	
CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	MORTGAGE LOAN 849400	B-1	Currency	CITIBANK NA E570DZIZ7FF32TWEFA76	03/06/2019	01/15/2024		24,702,021	4.668/(1.90)				207,634		207,634	3,556	204,078			270,520		0002	
0939999999. Subtotal - Swaps - Hedging Other - Foreign Exchange													(3,699)	21,467,189	215,582,873	XXX	215,582,873	(11,172,931)	(45,002,130)		87,912,509	XXX	XXX
0969999999. Subtotal - Swaps - Hedging Other													(3,699)	21,020,248	219,758,531	XXX	219,758,531	(8,067,372)	(45,002,130)	200,503	89,702,909	XXX	XXX
ASSET SWAP - RECEIVE FIXED PAY FLOATING	91283#AD5 10yr U.S. Treasury Note	DB PART C-1	Interest Rate	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	11/04/2016	07/15/2026		10,000,000	2.158/(0.125)			50,941	(475,657)							135,055	1	N/A	
0979999999. Subtotal - Swaps - Replication - Interest Rate														50,941		XXX	(475,657)				135,055	XXX	XXX
CREDIT DEFAULT SWAP - CDX.NA.IG25 SR.	12518*HN3 CDX.NA.IG25 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA KD3XUN7C6T14HNAYLU02	07/27/2016	12/20/2020		50,000,000	1.00/CREDIT EVENT		99,653	125,000	39,661		772,774			(5,621)		50,000,000	1	N/A	

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Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)
CREDIT DEFAULT SWAP - CDX.NA.1G25 SR. TRANCHE	12518*H06 CDX.NA.1G25 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQKX5T7XV54	07/28/2016	12/20/2020		50,000,000	1.00/CREDIT EVENT	139,167		125,000	55,395		772,774			(7,853)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G25 SR. TRANCHE	12518*HP8 CDX.NA.1G25 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQKX5T7XV54	07/28/2016	12/20/2020		50,000,000	1.00/CREDIT EVENT	149,167		125,000	59,369		772,774			(8,417)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G25 SR. TRANCHE	12518*HL7 CDX.NA.1G25 SR. TRANCHE	DB PART C-1	Credit	CITIBANK NA E570DZVZ7F32TWIFA76	07/29/2016	12/20/2020		50,000,000	1.00/CREDIT EVENT	140,556		125,000	55,981		772,774			(7,936)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G25 SR. TRANCHE	12518*HM5 CDX.NA.1G25 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	08/02/2016	12/20/2020		50,000,000	1.00/CREDIT EVENT	149,861		125,000	59,755		772,774			(8,471)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G25 SR. TRANCHE	12518*JF8 CDX.NA.1G25 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	09/01/2016	12/20/2020		50,000,000	1.00/CREDIT EVENT	524,653		125,000	212,942		772,774			(30,241)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G25 SR. TRANCHE	12518*JK7 CDX.NA.1G25 SR. TRANCHE	DB PART C-1	Credit	BANK OF AMERICA NA B4TYDEB6GKMZ0031MB27	09/01/2016	12/20/2020		50,000,000	1.00/CREDIT EVENT	477,778		125,000	193,972		772,774			(27,541)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G25 SR. TRANCHE	12518*JE1 CDX.NA.1G25 SR. TRANCHE	DB PART C-1	Credit	BANK OF AMERICA NA B4TYDEB6GKMZ0031MB27	09/12/2016	12/20/2020		50,000,000	1.00/CREDIT EVENT	430,556		125,000	175,726		772,774			(24,945)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G25 SR. TRANCHE	12518*JG6 CDX.NA.1G25 SR. TRANCHE	DB PART C-1	Credit	BANK OF AMERICA NA B4TYDEB6GKMZ0031MB27	09/13/2016	12/20/2020		25,000,000	1.00/CREDIT EVENT	184,722		62,500	75,467		386,387			(10,710)		25,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G25 SR. TRANCHE	12518*JL5 CDX.NA.1G25 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	09/13/2016	12/20/2020		25,000,000	1.00/CREDIT EVENT	192,535		62,500	78,651		386,387			(11,163)		25,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*JQ4 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	09/27/2016	12/20/2021		25,000,000	1.00/CREDIT EVENT	177,431		62,500	93,499		523,419			(8,357)		25,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*JT8 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	CITIBANK NA E570DZVZ7F32TWIFA76	09/27/2016	12/20/2021		25,000,000	1.00/CREDIT EVENT	193,056		62,500	101,717		523,419			(9,093)		25,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*JN1 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	09/28/2016	12/20/2021		50,000,000	1.00/CREDIT EVENT	403,125		125,000	212,710		1,046,838			(19,017)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*JP6 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	CITIBANK NA E570DZVZ7F32TWIFA76	09/29/2016	12/20/2021		40,000,000	1.00/CREDIT EVENT	331,111		100,000	174,792		837,470			(15,628)		40,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*JR2 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQKX5T7XV54	09/29/2016	12/20/2021		50,000,000	1.00/CREDIT EVENT	413,889		125,000	218,491		1,046,838			(19,535)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*JS0 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	09/29/2016	12/20/2021		50,000,000	1.00/CREDIT EVENT	357,639		125,000	188,850		1,046,838			(16,879)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*JM3 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	CITIBANK NA E570DZVZ7F32TWIFA76	09/29/2016	12/20/2021		50,000,000	1.00/CREDIT EVENT	357,639		125,000	188,850		1,046,838			(16,879)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*JN1 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	10/04/2016	12/20/2021		50,000,000	1.00/CREDIT EVENT	489,583		125,000	258,753		1,046,838			(23,145)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*KL3 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	BANK OF AMERICA NA B4TYDEB6GKMZ0031MB27	10/14/2016	12/20/2021		50,000,000	1.00/CREDIT EVENT	534,722		125,000	284,308		1,046,838			(25,438)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*LMO CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	10/19/2016	12/20/2021		50,000,000	1.00/CREDIT EVENT	619,792		125,000	330,257		1,046,838			(29,564)		50,000,000	1	N/A

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*LG3 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQKXST7XV54	10/19/2016	12/20/2021		50,000,000	1.00/CREDIT EVENT	616,667		125,000	328,597		1,046,838			(29,415)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*MK3 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	CITIBANK NA E570DZIZ7FF32TWEFA76	10/19/2016	12/20/2021		50,000,000	1.00/CREDIT EVENT	621,667		125,000	331,253		1,046,838			(29,653)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*L01 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQKXST7XV54	10/20/2016	12/20/2021		50,000,000	1.00/CREDIT EVENT	643,056		125,000	342,793		1,046,838			(30,690)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*LL2 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	10/21/2016	12/20/2021		50,000,000	1.00/CREDIT EVENT	638,194		125,000	340,386		1,046,838			(30,474)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*LN8 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	CITIBANK NA E570DZIZ7FF32TWEFA76	10/21/2016	12/20/2021		50,000,000	1.00/CREDIT EVENT	638,194		125,000	340,386		1,046,838			(30,474)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*LF5 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQKXST7XV54	10/21/2016	12/20/2021		50,000,000	1.00/CREDIT EVENT	638,194		125,000	340,386		1,046,838			(30,474)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*MH0 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	CITIBANK NA E570DZIZ7FF32TWEFA76	10/21/2016	12/20/2021		50,000,000	1.00/CREDIT EVENT	638,194		125,000	340,386		1,046,838			(30,474)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*MG2 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQKXST7XV54	10/21/2016	12/20/2021		50,000,000	1.00/CREDIT EVENT	638,194		125,000	340,386		1,046,838			(30,474)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*LJ7 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	10/24/2016	12/20/2021		50,000,000	1.00/CREDIT EVENT	661,111		125,000	352,753		1,046,838			(31,585)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*LH1 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	10/24/2016	12/20/2021		30,000,000	1.00/CREDIT EVENT	396,667		75,000	211,652		628,103			(18,951)		30,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*MJ6 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQKXST7XV54	10/24/2016	12/20/2021		50,000,000	1.00/CREDIT EVENT	661,111		125,000	352,753		1,046,838			(31,585)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*MF4 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQKXST7XV54	10/25/2016	12/20/2021		100,000,000	1.00/CREDIT EVENT	1,325,000		250,000	707,352		2,093,676			(63,337)		100,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*LS7 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQKXST7XV54	10/25/2016	12/20/2021		125,000,000	1.00/CREDIT EVENT	1,656,250		312,500	884,190		2,617,095			(79,171)		125,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*LK4 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	10/26/2016	12/20/2021		150,000,000	1.00/CREDIT EVENT	1,879,167		375,000	1,004,942		3,140,514			(89,964)		150,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*LE8 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	10/28/2016	12/20/2021		100,000,000	1.00/CREDIT EVENT	1,158,333		250,000	620,244		2,093,676			(55,510)		100,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*LR9 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQKXST7XV54	10/31/2016	12/20/2021		100,000,000	1.00/CREDIT EVENT	1,036,668		250,000	555,555		2,093,676			(49,703)		100,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*MA5 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	11/10/2016	12/20/2021		100,000,000	1.00/CREDIT EVENT	1,254,444		250,000	676,488		2,093,676			(60,563)		100,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*MB3 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQKXST7XV54	11/10/2016	12/20/2021		125,000,000	1.00/CREDIT EVENT	1,505,556		312,500	812,004		2,617,095			(72,684)		125,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*LN8 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	11/14/2016	12/20/2021		100,000,000	1.00/CREDIT EVENT	975,556		250,000	526,727		2,093,676			(47,117)		100,000,000	1	N/A

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE DB - PART A - SECTION 1

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*LV0 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	11/15/2016	12/20/2021		100,000,000	1.00/CREDIT EVENT	1,218,333		250,000	657,762		2,093,676			(58,880)		100,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	12518*LV6 CDX.NA.1G27 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE	11/16/2016	12/20/2021		80,000,000	1.00/CREDIT EVENT	1,008,889		200,000	545,489		1,674,941			(48,836)		80,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY27 SR. TRANCHE	12518*PF1 CDX.NA.HY27 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	04/06/2017	12/20/2021		48,535,577	5.00/CREDIT EVENT	9,590,630		599,181	5,604,603		6,142,479			(626,347)		48,535,577	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY27 SR. TRANCHE	12518*PG9 CDX.NA.HY27 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE	04/10/2017	12/20/2021		48,535,577	5.00/CREDIT EVENT	9,612,741		599,181	5,623,238		6,142,479			(628,531)		48,535,577	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY27 SR. TRANCHE	12518*PH7 CDX.NA.HY27 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	04/12/2017	12/20/2021		48,535,577	5.00/CREDIT EVENT	9,592,248		599,181	5,624,130		6,142,479			(628,636)		48,535,577	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY27 SR. TRANCHE	12518*PE4 CDX.NA.HY27 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE	04/12/2017	12/20/2021		48,535,577	5.00/CREDIT EVENT	9,567,980		599,181	5,610,436		6,142,479			(627,030)		48,535,577	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY27 SR. TRANCHE	12518*PK0 CDX.NA.HY27 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	04/17/2017	12/20/2021		48,535,577	5.00/CREDIT EVENT	9,611,392		599,181	5,644,308		6,142,479			(631,002)		48,535,577	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY27 SR. TRANCHE	12518*PJ3 CDX.NA.HY27 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE	04/18/2017	12/20/2021		48,535,577	5.00/CREDIT EVENT	9,603,573		599,181	5,643,020		6,142,479			(630,851)		48,535,577	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*RY8 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	09/27/2017	12/20/2022		50,000,000	1.00/CREDIT EVENT	881,111		125,000	631,721		1,012,572			(41,283)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*RX0 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	10/04/2017	12/20/2022		60,000,000	1.00/CREDIT EVENT	1,075,000		150,000	773,894		1,215,086			(50,582)		60,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*SC5 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/11/2017	12/20/2022		50,000,000	1.00/CREDIT EVENT	905,556		125,000	653,925		1,012,572			(42,745)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*SB7 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE	10/12/2017	12/20/2022		50,000,000	1.00/CREDIT EVENT	881,944		125,000	637,248		1,012,572			(41,647)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*SD3 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	10/12/2017	12/20/2022		50,000,000	1.00/CREDIT EVENT	881,944		125,000	637,248		1,012,572			(41,647)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*RZ5 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE	10/16/2017	12/20/2022		50,000,000	1.00/CREDIT EVENT	902,500		125,000	652,741		1,012,572			(42,667)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*SA9 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/16/2017	12/20/2022		50,000,000	1.00/CREDIT EVENT	902,500		125,000	652,741		1,012,572			(42,667)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*SE1 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/19/2017	12/20/2022		50,000,000	1.00/CREDIT EVENT	916,667		125,000	664,688		1,012,572			(43,453)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*SM3 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/25/2017	12/20/2022		100,000,000	1.00/CREDIT EVENT	1,840,000		250,000	1,338,384		2,025,144			(87,499)		100,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518* SJ5 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	11/07/2017	12/20/2022		100,000,000	1.00/CREDIT EVENT	1,876,111		250,000	1,372,473		2,025,144			(89,744)		100,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518* SJ9 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	11/07/2017	12/20/2022		50,000,000	1.00/CREDIT EVENT	923,056		125,000	675,292		1,012,572			(44,151)		50,000,000	1	N/A

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE DB - PART A - SECTION 1

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)
CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	12518* SY7 CDX.NA.IG29 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA KD3XUN7C6T14HNAYLU02	11/07/2017	12/20/2022		50,000,000	1.00/CREDIT EVENT	923,056		125,000	675,291		1,012,572			(44,151)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	12518* ST8 CDX.NA.IG29 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA KD3XUN7C6T14HNAYLU02	11/08/2017	12/20/2022		100,000,000	1.00/CREDIT EVENT	1,838,889		250,000	1,347,437		2,025,144			(88,095)		100,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	12518* SI11 CDX.NA.IG29 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	11/08/2017	12/20/2022		30,000,000	1.00/CREDIT EVENT	551,667		75,000	404,231		607,543			(26,429)		30,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	12518* SZ4 CDX.NA.IG29 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQKX57XV54	11/09/2017	12/20/2022		50,000,000	1.00/CREDIT EVENT	895,833		125,000	656,806		1,012,572			(42,934)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	12518* SSO CDX.NA.IG29 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQKX57XV54	11/14/2017	12/20/2022		50,000,000	1.00/CREDIT EVENT	902,778		125,000	662,932		1,012,572			(43,337)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	12518* SR2 CDX.NA.IG29 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA KD3XUN7C6T14HNAYLU02	11/14/2017	12/20/2022		50,000,000	1.00/CREDIT EVENT	902,778		125,000	662,932		1,012,572			(43,337)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	12518* TAB CDX.NA.IG29 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	11/14/2017	12/20/2022		50,000,000	1.00/CREDIT EVENT	902,778		125,000	662,932		1,012,572			(43,337)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	12518* SV3 CDX.NA.IG29 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQKX57XV54	11/15/2017	12/20/2022		50,000,000	1.00/CREDIT EVENT	879,167		125,000	646,658		1,012,572			(42,266)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	12518* TB6 CDX.NA.IG29 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	11/15/2017	12/20/2022		30,000,000	1.00/CREDIT EVENT	527,500		75,000	387,995		607,543			(25,360)		30,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	12518* UX6 CDX.NA.IG29 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	02/02/2018	12/20/2022		50,000,000	1.00/CREDIT EVENT	977,500		125,000	750,174		1,012,572			(49,087)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	12518* UI8 CDX.NA.IG29 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA KD3XUN7C6T14HNAYLU02	02/05/2018	12/20/2022		50,000,000	1.00/CREDIT EVENT	981,667		125,000	753,781		1,012,572			(49,325)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	12518* V17 CDX.NA.IG29 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	02/05/2018	12/20/2022		50,000,000	1.00/CREDIT EVENT	961,667		125,000	738,460		1,012,572			(48,314)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	12518* UY4 CDX.NA.IG29 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	02/05/2018	12/20/2022		25,000,000	1.00/CREDIT EVENT	458,333		62,500	351,990		506,286			(23,021)		25,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	12518* VF4 CDX.NA.IG29 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA 7H6GLXDRUGOFU57RNE97	02/05/2018	12/20/2022		50,000,000	1.00/CREDIT EVENT	841,667		125,000	646,500		1,012,572			(42,256)		50,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	12518* VA5 CDX.NA.IG29 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA KD3XUN7C6T14HNAYLU02	02/05/2018	12/20/2022		25,000,000	1.00/CREDIT EVENT	425,833		62,500	327,083		506,286			(21,380)		25,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	12518* VM9 CDX.NA.IG29 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQKX57XV54	02/06/2018	12/20/2022		25,000,000	1.00/CREDIT EVENT	444,028		62,500	341,216		506,286			(22,311)		25,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	12518* VS6 CDX.NA.IG29 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA KD3XUN7C6T14HNAYLU02	02/06/2018	12/20/2022		25,000,000	1.00/CREDIT EVENT	436,528		62,500	335,465		506,286			(21,932)		25,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	12518* VR8 CDX.NA.IG29 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQKX57XV54	02/06/2018	12/20/2022		25,000,000	1.00/CREDIT EVENT	431,528		62,500	331,631		506,286			(21,680)		25,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	12518* VQ0 CDX.NA.IG29 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQKX57XV54	02/07/2018	12/20/2022		25,000,000	1.00/CREDIT EVENT	434,722		62,500	334,636		506,286			(21,877)		25,000,000	1	N/A

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE DB - PART A - SECTION 1

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*VL1 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	02/08/2018	12/20/2022		25,000,000	1.00/CREDIT EVENT	437,917		62,500	337,276		506,286			(22,051)		25,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*VD9 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	02/08/2018	12/20/2022		25,000,000	1.00/CREDIT EVENT	412,917		62,500	318,060		506,286			(20,786)		25,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*VC1 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE	02/08/2018	12/20/2022		25,000,000	1.00/CREDIT EVENT	410,417		62,500	316,138		506,286			(20,660)		25,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*VG2 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	02/08/2018	12/20/2022		25,000,000	1.00/CREDIT EVENT	407,917		62,500	314,216		506,286			(20,533)		25,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*VT4 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE	02/08/2018	12/20/2022		25,000,000	1.00/CREDIT EVENT	380,417		62,500	293,072		506,286			(19,143)		25,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*VP2 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	02/08/2018	12/20/2022		25,000,000	1.00/CREDIT EVENT	380,417		62,500	293,072		506,286			(19,143)		25,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*VJ6 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	02/09/2018	12/20/2022		25,000,000	1.00/CREDIT EVENT	373,611		62,500	287,998		506,286			(18,810)		25,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*VK3 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	02/09/2018	12/20/2022		25,000,000	1.00/CREDIT EVENT	348,611		62,500	268,760		506,286			(17,546)		25,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*UZ1 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	CITIBANK NA	02/09/2018	12/20/2022		25,000,000	1.00/CREDIT EVENT	336,111		62,500	259,139		506,286			(16,914)		25,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*VB3 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	02/09/2018	12/20/2022		25,000,000	1.00/CREDIT EVENT	348,611		62,500	268,760		506,286			(17,546)		25,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*WCO CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	03/22/2018	12/20/2022		25,000,000	1.00/CREDIT EVENT	389,583		62,500	307,267		506,286			(20,076)		25,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*WDB CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	03/22/2018	12/20/2022		75,000,000	1.00/CREDIT EVENT	1,168,750		187,500	921,801		1,518,858			(60,229)		75,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*WA4 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	03/23/2018	12/20/2022		75,000,000	1.00/CREDIT EVENT	1,073,333		187,500	847,145		1,518,858			(55,322)		75,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*WB2 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	03/23/2018	12/20/2022		25,000,000	1.00/CREDIT EVENT	345,278		62,500	272,531		506,286			(17,793)		25,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	12518*VZ0 CDX.NA.1G29 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	03/28/2018	12/20/2022		80,000,000	1.00/CREDIT EVENT	1,076,000		200,000	851,760		1,620,115			(55,604)		80,000,000	1	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G31 SR. TRANCHE	12518*YQ7 CDX.NA.1G31 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE	10/03/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	412,500		62,500	374,338		359,104			(19,209)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G31 SR. TRANCHE	12518*YS3 CDX.NA.1G31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	10/04/2018	12/20/2023		50,000,000	1.00/CREDIT EVENT	800,000		125,000	726,383		718,208			(37,265)		50,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G31 SR. TRANCHE	12518*YT1 CDX.NA.1G31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/04/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	398,750		62,500	362,058		359,104			(18,574)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.1G31 SR. TRANCHE	12518*YR5 CDX.NA.1G31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	10/04/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	382,500		62,500	347,314		359,104			(17,812)		25,000,000	1*	N/A

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SCHEDULE DB - PART A - SECTION 1

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*ZY9 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE	10/05/2018	12/20/2023		50,000,000	1.00/CREDIT EVENT	737,500		125,000	670,023		718,208			(34,353)		50,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*YU8 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/05/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	380,000		62,500	345,224		359,104			(17,704)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*YV6 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/09/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	356,250		62,500	324,335		359,104			(16,625)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*YI4 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE	10/09/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	356,250		62,500	324,335		359,104			(16,625)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*YX2 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/10/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	350,000		62,500	318,814		359,104			(16,340)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*ZA1 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE	10/10/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	350,000		62,500	318,814		359,104			(16,340)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*YY0 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE	10/10/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	335,000		62,500	305,160		359,104			(15,636)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*Y27 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	10/10/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	325,000		62,500	296,057		359,104			(15,167)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*ZF0 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/11/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	317,500		62,500	289,379		359,104			(14,822)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*ZB9 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	10/11/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	315,000		62,500	287,102		359,104			(14,705)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*ZC7 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	CITIBANK NA	10/11/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	325,000		62,500	296,210		359,104			(15,175)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*ZD5 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE	10/11/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	325,000		62,500	296,210		359,104			(15,175)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*ZG8 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE	10/11/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	305,000		62,500	277,994		359,104			(14,236)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*ZE3 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	10/11/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	325,000		62,500	296,210		359,104			(15,175)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*ZH6 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/15/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	336,250		62,500	307,094		359,104			(15,736)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*ZL7 CDX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE	10/15/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	345,000		62,500	315,080		359,104			(16,148)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*ZZ6 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	10/15/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	345,000		62,500	315,080		359,104			(16,148)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	12518*ZJ2 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	10/15/2018	12/20/2023		73,512,981	5.00/CREDIT EVENT	14,820,217		907,642	13,544,178		14,381,130			(976,474)		73,512,981	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*ZK9 CDX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/17/2018	12/20/2023		50,000,000	1.00/CREDIT EVENT	710,000		125,000	649,087		718,208			(33,272)		50,000,000	1*	N/A

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Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)
CREDIT DEFAULT SWAP - COX.NA.HY31 SR. TRANCHE	12518*ZM5 COX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/17/2018	12/20/2023		49,008,654	5.00/CREDIT EVENT	9,929,153		605,095	9,083,154		9,587,420			(655,109)		49,008,654	1*	N/A
CREDIT DEFAULT SWAP - COX.NA.IG31 SR. TRANCHE	12518*Z06 COX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/18/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	350,000		62,500	320,142		359,104			(16,409)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - COX.NA.HY31 SR. TRANCHE	12518*ZR4 COX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE	10/18/2018	12/20/2023		73,512,981	5.00/CREDIT EVENT	14,827,568		907,642	13,571,637		14,381,130			(978,584)		73,512,981	1*	N/A
CREDIT DEFAULT SWAP - COX.NA.IG31 SR. TRANCHE	12518*ZP8 COX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/18/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	347,500		62,500	317,857		359,104			(16,291)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - COX.NA.IG31 SR. TRANCHE	12518*ZS2 COX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/18/2018	12/20/2023		50,000,000	1.00/CREDIT EVENT	665,000		125,000	608,291		718,208			(31,167)		50,000,000	1*	N/A
CREDIT DEFAULT SWAP - COX.NA.IG31 SR. TRANCHE	12518*ZN3 COX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	10/18/2018	12/20/2023		50,000,000	1.00/CREDIT EVENT	625,000		125,000	571,726		718,208			(29,282)		50,000,000	1*	N/A
CREDIT DEFAULT SWAP - COX.NA.IG31 SR. TRANCHE	12518*ZT0 COX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	10/19/2018	12/20/2023		50,000,000	1.00/CREDIT EVENT	645,000		125,000	590,316		718,208			(30,241)		50,000,000	1*	N/A
CREDIT DEFAULT SWAP - COX.NA.HY31 SR. TRANCHE	12518*ZU7 COX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE	10/19/2018	12/20/2023		98,017,308	5.00/CREDIT EVENT	19,730,884		1,210,190	18,069,162		19,174,840			(1,302,753)		98,017,308	1*	N/A
CREDIT DEFAULT SWAP - COX.NA.HY31 SR. TRANCHE	12518*ZV5 COX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	10/19/2018	12/20/2023		98,017,308	5.00/CREDIT EVENT	19,730,884		1,210,190	18,069,162		19,174,840			(1,302,753)		98,017,308	1*	N/A
CREDIT DEFAULT SWAP - COX.NA.IG31 SR. TRANCHE	12518*A83 COX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	10/22/2018	12/20/2023		50,000,000	1.00/CREDIT EVENT	680,000		125,000	623,300		718,208			(31,942)		50,000,000	1*	N/A
CREDIT DEFAULT SWAP - COX.NA.IG31 SR. TRANCHE	12518*ZX1 COX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/22/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	327,500		62,500	300,200		359,104			(15,380)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - COX.NA.HY31 SR. TRANCHE	12518*A67 COX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	10/22/2018	12/20/2023		98,017,308	5.00/CREDIT EVENT	19,735,785		1,210,190	18,101,411		19,174,840			(1,305,231)		98,017,308	1*	N/A
CREDIT DEFAULT SWAP - COX.NA.HY31 SR. TRANCHE	12518*A59 COX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE	10/22/2018	12/20/2023		98,017,308	5.00/CREDIT EVENT	19,730,884		1,210,190	18,096,952		19,174,840			(1,304,888)		98,017,308	1*	N/A
CREDIT DEFAULT SWAP - COX.NA.HY31 SR. TRANCHE	12518*A34 COX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	10/22/2018	12/20/2023		98,017,308	5.00/CREDIT EVENT	19,672,074		1,210,190	18,043,435		19,174,840			(1,300,777)		98,017,308	1*	N/A
CREDIT DEFAULT SWAP - COX.NA.IG31 SR. TRANCHE	12518*ZIW3 COX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	10/22/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	325,000		62,500	297,910		359,104			(15,262)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - COX.NA.IG31 SR. TRANCHE	12518*A75 COX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/22/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	325,000		62,500	297,910		359,104			(15,262)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - COX.NA.IG31 SR. TRANCHE	12518*A42 COX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/22/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	320,000		62,500	293,330		359,104			(15,026)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - COX.NA.IG31 SR. TRANCHE	12518*B25 COX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/23/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	295,000		62,500	270,568		359,104			(13,853)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - COX.NA.HY31 SR. TRANCHE	12518*B58 COX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/23/2018	12/20/2023		49,008,654	5.00/CREDIT EVENT	9,757,623		605,095	8,954,943		9,587,420			(645,262)		49,008,654	1*	N/A

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE DB - PART A - SECTION 1

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)
CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	12518*B41 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/23/2018	12/20/2023		49,008,654	5.00/CREDIT EVENT	9,742,920		605,095	8,941,555		9,587,420			(644,235)		49,008,654	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	12518*B33 CDX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	10/23/2018	12/20/2023		49,008,654	5.00/CREDIT EVENT	9,757,623		605,095	8,954,944		9,587,420			(645,262)		49,008,654	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*B82 CDX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/24/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	312,500		62,500	286,758		359,104			(14,687)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	12518*C40 CDX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	BNP PARIBAS	10/24/2018	12/20/2023		49,008,654	5.00/CREDIT EVENT	9,791,929		605,095	8,990,792		9,587,420			(648,014)		49,008,654	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	12518*B66 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	10/24/2018	12/20/2023		98,017,308	5.00/CREDIT EVENT	19,593,660		1,210,190	17,990,514		19,174,840			(1,296,713)		98,017,308	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*C24 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/24/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	292,500		62,500	268,417		359,104			(13,743)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	12518*C32 CDX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	10/24/2018	12/20/2023		98,017,308	5.00/CREDIT EVENT	19,539,750		1,210,190	17,941,398		19,174,840			(1,292,943)		98,017,308	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	12518*B74 CDX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/24/2018	12/20/2023		49,008,654	5.00/CREDIT EVENT	9,720,867		605,095	8,926,046		9,587,420			(643,045)		49,008,654	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*D23 CDX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	10/25/2018	12/20/2023		50,000,000	1.00/CREDIT EVENT	595,000		125,000	546,288		718,208			(27,972)		50,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	12518*C81 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/25/2018	12/20/2023		49,008,654	5.00/CREDIT EVENT	9,745,099		605,095	8,971,130		9,587,420			(646,504)		49,008,654	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*D49 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	BNP PARIBAS	10/26/2018	12/20/2023		50,000,000	1.00/CREDIT EVENT	535,000		125,000	491,488		718,208			(25,151)		50,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	12518*D31 CDX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/26/2018	12/20/2023		49,008,654	5.00/CREDIT EVENT	9,681,387		605,095	8,917,499		9,587,420			(642,389)		49,008,654	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*D56 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/29/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	297,500		62,500	273,715		359,104			(14,015)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	12518*D64 CDX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	10/29/2018	12/20/2023		98,017,308	5.00/CREDIT EVENT	19,505,444		1,210,190	17,956,191		19,174,840			(1,294,078)		98,017,308	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*D80 CDX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/30/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	275,000		62,500	253,158		359,104			(12,957)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	12518*E22 CDX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/30/2018	12/20/2023		49,008,654	5.00/CREDIT EVENT	9,733,118		605,095	8,964,794		9,587,420			(646,018)		49,008,654	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	12518*D72 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	10/30/2018	12/20/2023		49,008,654	5.00/CREDIT EVENT	9,723,317		605,095	8,955,833		9,587,420			(645,330)		49,008,654	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*D98 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	10/30/2018	12/20/2023		50,000,000	1.00/CREDIT EVENT	535,000		125,000	492,515		718,208			(25,204)		50,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*E30 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	11/02/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	327,500		62,500	301,930		359,104			(15,469)		25,000,000	1*	N/A

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE DB - PART A - SECTION 1

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*J43 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	BNP PARIBAS ROMUI/SFPUBMPRO8K5P83	11/09/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	355,000		62,500	328,469		359,104			(16,839)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*J68 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	11/09/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	357,500		62,500	330,781		359,104			(16,958)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*E48 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	11/09/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	347,500		62,500	321,534		359,104			(16,481)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*J50 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	CITIBANK NA E57ODZIZ7F32TWEFA76	11/09/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	337,500		62,500	312,287		359,104			(16,004)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*J84 CDX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA 7H6GLXDRUGQFU57RNE97	11/13/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	287,500		62,500	266,607		359,104			(13,649)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	12518*J92 CDX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	11/13/2018	12/20/2023		49,008,654	5.00/CREDIT EVENT	9,747,821		605,095	9,043,424		9,587,420			(652,056)		49,008,654	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	12518*J76 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA 7H6GLXDRUGQFU57RNE97	11/13/2018	12/20/2023		49,008,654	5.00/CREDIT EVENT	9,703,713		605,095	9,002,782		9,587,420			(648,934)		49,008,654	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*K25 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQKX5T7XV54	11/13/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	277,500		62,500	257,338		359,104			(13,172)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*K74 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	11/14/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	270,000		62,500	250,519		359,104			(12,821)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*K33 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	11/14/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	265,000		62,500	245,882		359,104			(12,583)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*K41 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQKX5T7XV54	11/14/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	263,750		62,500	244,722		359,104			(12,523)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	12518*K66 CDX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA 7H6GLXDRUGQFU57RNE97	11/14/2018	12/20/2023		49,008,654	5.00/CREDIT EVENT	9,630,201		605,095	8,939,673		9,587,420			(644,090)		49,008,654	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*K58 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	CITIBANK NA E57ODZIZ7F32TWEFA76	11/14/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	237,500		62,500	220,378		359,104			(11,271)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*K82 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	BNP PARIBAS ROMUI/SFPUBMPRO8K5P83	11/15/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	195,000		62,500	181,054		359,104			(9,252)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*L24 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	11/15/2018	12/20/2023		50,000,000	1.00/CREDIT EVENT	375,000		125,000	348,188		718,208			(17,791)		50,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*K90 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	11/15/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	172,500		62,500	160,172		359,104			(8,182)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	12518*L32 CDX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA 7H6GLXDRUGQFU57RNE97	11/16/2018	12/20/2023		49,008,654	5.00/CREDIT EVENT	9,576,291		605,095	8,899,190		9,587,420			(640,985)		49,008,654	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*L73 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA K03XUN7C6T14HNAYLU02	11/19/2018	12/20/2023		50,000,000	1.00/CREDIT EVENT	237,500		125,000	221,027		718,208			(11,278)		50,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*L40 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE 17331LVCZKQKX5T7XV54	11/19/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	110,000		62,500	102,374		359,104			(5,223)		25,000,000	1*	N/A

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE DB - PART A - SECTION 1

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)
CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	12518*L57 CDX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	11/19/2018	12/20/2023		49,008,654	5.00/CREDIT EVENT	9,537,084		605,095	8,876,812		9,587,420			(639,269)		49,008,654	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*L65 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	11/19/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	92,500		62,500	86,095		359,104			(4,391)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*L81 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE	11/19/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	82,500		62,500	76,792		359,104			(3,915)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*M23 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	11/20/2018	12/20/2023		50,000,000	1.00/CREDIT EVENT	125,000		125,000	116,431		718,208			(5,934)		50,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*L99 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	BNP PARIBAS	11/20/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	62,500		62,500	58,215		359,104			(2,967)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	12518*M31 CDX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	11/20/2018	12/20/2023		49,008,654	5.00/CREDIT EVENT	9,453,770		605,095	8,804,332		9,587,420			(633,716)		49,008,654	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*M49 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE	11/20/2018	12/20/2023		75,000,000	1.00/CREDIT EVENT	140,625		187,500	131,012		1,077,313			(6,675)		75,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*M80 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	MORGAN STANLEY CAPITAL SERVICE	11/26/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	42,500		62,500	39,719		359,104			(2,024)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*M56 CDX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	11/26/2018	12/20/2023		50,000,000	1.00/CREDIT EVENT	85,000		125,000	79,438		718,208			(4,047)		50,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	12518*M72 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	GOLDMAN SACHS BANK USA	11/26/2018	12/20/2023		98,017,308	5.00/CREDIT EVENT	18,946,745		1,210,190	17,700,157		19,174,840			(1,274,441)		98,017,308	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	12518*M64 CDX.NA.IG31 SR. TRANCHE	DB PART C-1	Credit	BNP PARIBAS	11/26/2018	12/20/2023		25,000,000	1.00/CREDIT EVENT	12,500		62,500	11,702		359,104			(596)		25,000,000	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	12518*N22 CDX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	11/27/2018	12/20/2023		73,512,981	5.00/CREDIT EVENT	14,085,087		907,642	13,165,932		14,381,130			(947,467)		73,512,981	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	12518*M98 CDX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	BNP PARIBAS	11/27/2018	12/20/2023		24,504,327	5.00/CREDIT EVENT	4,695,029		302,547	4,388,644		4,793,710			(315,822)		24,504,327	1*	N/A
CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	12518*N30 CDX.NA.HY31 SR. TRANCHE	DB PART C-1	Credit	JP MORGAN CHASE BANK NA	11/28/2018	12/20/2023		49,008,654	5.00/CREDIT EVENT	9,473,373		605,095	8,859,322		9,587,420			(637,929)		49,008,654	1*	N/A
0989999999. Subtotal - Swaps - Replication - Credit Default										529,307,517		44,048,884	451,850,719	XXX	539,458,198			(33,606,716)		8,751,559,622	XXX	XXX
1029999999. Subtotal - Swaps - Replication										529,307,517		44,099,825	451,850,719	XXX	538,982,541			(33,606,716)		8,751,694,677	XXX	XXX
1089999999. Subtotal - Swaps - Income Generation														XXX							XXX	XXX
1149999999. Subtotal - Swaps - Other														XXX							XXX	XXX
1159999999. Total Swaps - Interest Rate												7,886,849	6,799,401	XXX	(6,142,946)	3,155,368				33,808,451	XXX	XXX
1169999999. Total Swaps - Credit Default										526,014,227		43,426,908	449,226,976	XXX	536,834,455	(49,809)		(33,406,213)		8,751,559,622	XXX	XXX
1179999999. Total Swaps - Foreign Exchange												(3,699)	21,096,520	208,806,861	XXX	200,170,873	(11,172,931)	(49,055,455)		91,776,954	XXX	XXX
1189999999. Total Swaps - Total Return														XXX						XXX	XXX	
1199999999. Total Swaps - Other														XXX						XXX	XXX	
1209999999. Total Swaps										526,014,227	(3,699)	72,410,277	664,833,238	XXX	730,862,382	(8,067,372)	(49,055,455)	(33,406,213)	8,877,145,027	XXX	XXX	
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL EUR	62890@CD1 PEP SHOPPING CENTER 4.48% due 12/14/2021	D-1	Currency	BANK OF AMERICA NA				2,536,643	0.8099				56,216		56,216	29,030	49,298			20,878		0002

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE DB - PART A - SECTION 1

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)	
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL GBP	801501A UK SC FUND OIA	BA-1	Currency	HSBC BANK USA	04/25/2018	04/26/2019		34,054,152	0.7048				2,750,269		2,750,269	148,953	(668,560)			45,444		0002	
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	8626 Tokyo Multifamily Fund OIA	BA-1	Currency	HSBC BANK USA	05/23/2018	05/24/2019		2,384,638	106.7950				77,166		77,166	17,033	25,682			4,586		0002	
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL GBP	8118 Thurrock OIA	BA-1	Currency	JP MORGAN CHASE BANK NA	05/30/2018	05/31/2019		38,975,388	0.7389				1,345,046		1,345,046	162,828	(802,272)			79,667		0002	
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL EUR	4563 NORTE OIA	D-2	Currency	MORGAN STANLEY CAPITAL SERVICE	06/15/2018	06/14/2019		148,486,218	0.8351				8,483,999		8,483,999	1,131,054	2,975,462			336,543		0002	
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL EUR	8089 European Cities Fund (ECF) OIA	BA-1	Currency	GOLDMAN SACHS BANK USA	07/03/2018	07/12/2019		239,514,722	0.8320				13,960,302		13,960,302	1,842,773	4,781,917			636,172		0002	
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL EUR	854201A Neptune Sugar City OIA	D-2, BA-1	Currency	HSBC BANK USA	07/19/2018	07/19/2019		27,257,886	0.8362				1,444,006		1,444,006	210,508	546,964			74,819		0002	
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL GBP	8044 Henderson UK Outlet Mall Partnership LP OIA	BA-1	Currency	GOLDMAN SACHS BANK USA	07/27/2018	08/02/2019		11,222,282	0.7488				210,110		210,110	46,069	(234,079)			32,705		0002	
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL EUR	6861 T-C Pep Holding Sarl OIA	D-2	Currency	HSBC BANK USA	09/26/2018	09/27/2019		26,061,813	0.8253				1,556,628		1,556,628	208,389	516,102			91,509		0002	
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL EUR	6894 Gropius OIA	D-2	Currency	HSBC BANK USA	09/26/2018	09/27/2019		29,758,235	0.8254				1,773,487		1,773,487	237,954	589,386			104,488		0002	
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL AUD	7107B 101 MILLER STREET OIA	BA-1	Currency	MORGAN STANLEY CAPITAL SERVICE	09/26/2018	10/04/2019		114,874,640	1.3719				2,539,776		2,539,776	105,839	(898,542)			411,120		0002	
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL EUR	6894 Gropius OIA	D-2	Currency	HSBC BANK USA	10/18/2018	09/27/2019		9,407,692	0.8457				345,827		345,827	75,677	190,909			33,033		0002	
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	8626 Tokyo Multifamily Fund OIA	BA-1	Currency	HSBC BANK USA	11/05/2018	05/24/2019		344,325	111.2611				(2,737)		(2,737)	2,478	3,863			662		0002	
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL EUR	6211 Erlangen OIA	D-2	Currency	HSBC BANK USA	12/19/2018	06/21/2019		33,375,197	0.8629				844,847		844,847	256,849	691,075			79,096		0002	
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL EUR	8521A Iconic Office SC1 OIA	D-2	Currency	BANK OF AMERICA NA	01/11/2019	01/24/2020		29,752,712	0.8436				885,092		885,092	227,354	657,737			134,644		0002	
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL EUR	848601AEUR Neptune Ursus OIA	D-2, BA-1	Currency	BANK OF AMERICA NA	01/16/2019	04/26/2019		74,739,275	0.8697				1,672,880		1,672,880	473,976	1,198,904			99,738		0002	
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	8626 Tokyo Multifamily Fund OIA	BA-1	Currency	GOLDMAN SACHS BANK USA	02/12/2019	05/24/2019		612,375	109.5326				4,685		4,685	2,416	2,269			1,178		0002	
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL GBP	GBP Portfolio Hedge	BA-1	Currency	GOLDMAN SACHS BANK USA	02/14/2019	05/20/2019		96,555,900	0.7768				(1,367,470)		(1,367,470)	204,263	(1,571,732)			178,685		0002	
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL EUR	EUR Portfolio Hedge	BA-1	Currency	GOLDMAN SACHS BANK USA	02/14/2019	05/20/2019		483,807,250	0.8784				5,104,209		5,104,209	1,727,722	3,376,488			895,324		0002	
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL AUD	AUD Portfolio Hedge	BA-1	Currency	CREDIT AGRICOLE	02/15/2019	05/21/2019		533,887,500	1.4048				837,989		837,989	126,065	711,924			997,833		0002	

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STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE DB - PART A - SECTION 1

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23											
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)											
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL CAD	CAD Portfolio Hedge	BA-1	Currency	BANK OF AMERICA NA B4TYDEB6GMZ0031MB27	02/19/2019	05/21/2019		226,445,857	1.3248				1,660,808		1,660,808	198,237	1,462,572			423,227		0002											
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL EUR	6894 Gropius OIA	D-2	Currency	HSBC BANK USA 11E8VN30JCEQV1H4R804	03/05/2019	09/27/2019		6,110,372	0.8699				58,419		58,419	13,534	44,885			21,093		0002											
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL EUR	OIA5084 HEDF 1 (Hines European Development)	BA-1	Currency	CITIBANK NA E57QDZVZ7FF32TWEFA76	03/13/2019	06/14/2019		12,523,991	0.8783				107,751		107,751	17,719	90,031			28,386		0002											
FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL EUR	8626 Milestone Student Accomodation JV OIA	BA-1	Currency	CREDIT AGRICOLE 1VUV7VQFKU00S21A208	03/28/2019	03/27/2020		32,364,892	0.8651				20,995		20,995	(12,736)	33,731			161,158		0002											
1229999999. Subtotal - Forwards - Hedging Other																		44,370,300	XXX	44,370,300	7,453,984	13,774,014			4,891,988	XXX	XXX						
1269999999. Subtotal - Forwards																		44,370,300	XXX	44,370,300	7,453,984	13,774,014			4,891,988	XXX	XXX						
1399999999. Subtotal - Hedging Effective																		7,290,204	XXX	(27,878,690)		(4,053,325)			35,747,441	XXX	XXX						
1409999999. Subtotal - Hedging Other																		(3,293,290)		(3,699)	21,020,248	264,128,831	XXX	264,128,831	(613,388)	(31,228,116)	200,503		94,594,897	XXX	XXX		
1419999999. Subtotal - Replication																		529,307,517		44,099,825	451,850,719	XXX	538,982,541			(33,606,716)			8,751,694,677	XXX	XXX		
1429999999. Subtotal - Income Generation																						XXX									XXX	XXX	
1439999999. Subtotal - Other																						XXX										XXX	XXX
1449999999 - Totals																		526,014,227		(3,699)	72,410,277	709,203,538	XXX	775,232,682		(613,388)	(35,281,441)	(33,406,213)		8,882,037,015	XXX	XXX	

(a)

Code	Description of Hedged Risk(s)

(b)

Code	Financial or Economic Impact of the Hedge at the End of the Reporting Period
0001	Hedges the interest rate risk of the underlying invested assets
0002	Hedges the credit rate risk of the underlying invested assets
0003	Hedges the currency risk of the underlying foreign currency denominated invested assets

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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

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE DB - PART D - SECTION 1

Counterparty Exposure for Derivative Instruments Open as of Current Statement Date

1 Description of Exchange, Counterparty or Central Clearinghouse	2 Master Agreement (Y or N)	3 Credit Support Annex (Y or N)	4 Fair Value of Acceptable Collateral	Book/Adjusted Carrying Value			Fair Value			11 Potential Exposure	12 Off-Balance Sheet Exposure
				5 Contracts With Book/Adjusted Carrying Value >0	6 Contracts With Book/Adjusted Carrying Value <0	7 Exposure Net of Collateral	8 Contracts With Fair Value >0	9 Contracts With Fair Value <0	10 Exposure Net of Collateral		
0199999999 - Aggregate Sum of Exchange Traded Derivatives	XXX	XXX	XXX								
BANK OF AMERICA N.A.	Y	Y	34,648,707	34,095,682	(9,097,027)		39,731,024	(9,097,027)		187,235,883	177,585,832
BANK OF MONTREAL	Y	Y			(6,698,585)			(9,279,666)		427,810	
BARCLAYS BANK PLC	Y	Y	39,870,000	40,236,552	(371,762)		40,236,552	(371,762)		4,289,915	4,284,706
BNP PARIBAS	Y	Y	15,600,000	14,450,365	(538,955)		16,535,755	(538,955)	396,800	223,512,981	221,824,391
CITIBANK N.A. NEW YORK	Y	Y	92,600,000	128,084,641	(45,402,894)		139,319,609	(60,682,967)		463,696,109	453,777,856
CREDIT AGRICOLE	Y	Y		1,380,411	(1,055,520)	324,891		(1,059,134)	285,830	2,442,814	2,442,814
CREDIT SUISSE INTERNATIONAL	Y	Y			(760,005)			(760,005)			
GOLDMAN SACHS BANK USA	Y	Y	182,680,000	157,688,698	(1,858,667)		190,566,887	(1,858,666)	6,028,221	3,291,445,988	3,264,596,020
HSBC BANK USA	Y	Y	36,487,134	35,800,215	(2,737)		35,800,215	(2,737)		3,505,350	2,815,692
JP MORGAN CHASE BANK N.A.	Y	Y	289,220,000	326,935,756	(64,355,060)		349,030,959	(67,373,266)		2,545,591,708	2,518,952,403
MORGAN STANLEY CAPITAL SERVICES INC	Y	Y	99,170,643	91,787,968	(14,508,851)		115,555,987	(19,259,044)		2,154,564,862	2,132,673,335
ROYAL BANK OF CANADA	Y	Y		4,891,647	(4,525,204)	366,443		(9,878,206)		1,756,761	1,756,761
THE BANK OF NOVA SCOTIA	Y	N			(271,395)			(1,530,698)		250,666	
UBS AG	Y	Y			(25,738)			(25,738)			
0299999999. Total NAIC 1 Designation			790,276,484	835,351,935	(149,472,400)	691,334	933,626,550	(181,717,871)	6,710,851	8,878,720,847	8,780,709,810
DEUTSCHE BK AG	Y	Y	16,640,000	16,524,602			16,524,602			1,525,768	1,410,371
THE ROYAL BANK OF SCOTLAND PLC	Y	Y									
0399999999. Total NAIC 2 Designation			16,640,000	16,524,602			16,524,602			1,525,768	1,410,371
0899999999. Aggregate Sum of Central Clearinghouses (Excluding Exchange Traded)			7,213,539	6,799,401			6,799,401			1,790,400	1,376,261
0999999999 - Gross Totals			814,130,023	858,675,938	(149,472,400)	691,334	956,950,553	(181,717,871)	6,710,851	8,882,037,015	8,783,496,442
1. Offset per SSAP No. 64											
2. Net after right of offset per SSAP No. 64				858,675,938	(149,472,400)						

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE DB - PART D - SECTION 2

Collateral for Derivative Instruments Open as of Current Statement Date

Collateral Pledged by Reporting Entity

1	2	3	4	5	6	7	8	9
Exchange, Counterparty or Central Clearinghouse	Type of Asset Pledged	CUSIP Identification	Description	Fair Value	Par Value	Book/Adjusted Carrying Value	Maturity Date	Type of Margin (I, V or IV)
MORGAN STANLEY & CO LLC	Treasury	9R7GPT507K13UJZ0078	US TREASURY N/B 6.375%	3,799,770	3,300,000	3,214,651	08/15/2043	I
UBS SECURITIES LLC	Treasury	SNZ20JLKF8MNNCLQ0F39	US TREASURY N/B 6.375%	2,302,891	2,000,000	1,948,273	08/15/2043	I
BANK OF MONTREAL	Cash	NQ6HPNCOCU6TUTQYE16		9,720,000		9,720,000		V
ROYAL BANK OF CANADA	Cash	E571P3U3RH1GCT1XB011		3,220,000		3,220,000		V
CREDIT SUISSE INTERNATIONAL	Cash	E58DKGMJYJYJLNBC3868		960,000		960,000		V
CREDIT AGRICOLE	Cash	1VUV7VQFKU00S21A208		660,000		660,000		V
UBS AG	Cash	BFM8T61CT2L1QCEM1K50		40,000		40,000		V
0199999999 - Total				20,702,661	5,300,000	19,762,924	XXX	XXX

Collateral Pledged to Reporting Entity

1	2	3	4	5	6	7	8	9
Exchange, Counterparty or Central Clearinghouse	Type of Asset Pledged	CUSIP Identification	Description	Fair Value	Par Value	Book/Adjusted Carrying Value	Maturity Date	Type of Margin (I, V or IV)
BANK OF AMERICA N.A.	Treasury	B4TYDEB6GKMZ0031MB27	US TREASURY N/B	1,248,794	1,264,000	XXX	11/15/2047	V
BANK OF AMERICA N.A.	Treasury	B4TYDEB6GKMZ0031MB27	US TREASURY N/B	728,617	733,000	XXX	08/31/2021	V
BANK OF AMERICA N.A.	Treasury	B4TYDEB6GKMZ0031MB27	US TREASURY N/B	462,182	465,000	XXX	10/31/2021	V
BANK OF AMERICA N.A.	Treasury	B4TYDEB6GKMZ0031MB27	US TREASURY N/B	1,183,743	1,208,000	XXX	01/31/2022	V
BANK OF AMERICA N.A.	Treasury	B4TYDEB6GKMZ0031MB27	US TREASURY N/B	8,050,071	8,180,800	XXX	09/30/2022	V
BANK OF AMERICA N.A.	Treasury	B4TYDEB6GKMZ0031MB27	US TREASURY N/B	8,094,185	8,124,000	XXX	12/31/2022	V
BANK OF AMERICA N.A.	Treasury	B4TYDEB6GKMZ0031MB27	US TREASURY N/B	4,005,619	4,076,800	XXX	01/31/2023	V
BANK OF AMERICA N.A.	Treasury	B4TYDEB6GKMZ0031MB27	US TREASURY N/B	265,675	271,000	XXX	03/31/2021	V
BANK OF AMERICA N.A.	Treasury	B4TYDEB6GKMZ0031MB27	US TREASURY N/B	5,120,201	5,118,000	XXX	01/31/2024	V
BANK OF AMERICA N.A.	Treasury	B4TYDEB6GKMZ0031MB27	US TREASURY N/B	69,620	70,000	XXX	02/29/2024	V
MORGAN STANLEY CAPITAL SERVICES INC	Treasury	17331LVCZKQKX5T7XV54	TREASURY BILL	5,860,537	5,934,000	XXX	10/10/2019	V
MORGAN STANLEY CAPITAL SERVICES INC	Treasury	17331LVCZKQKX5T7XV54	US TREASURY N/B	93,310,106	93,270,000	XXX	01/31/2024	V
HSBC BANK USA	Treasury	11E8VN30JCEQV1H4R804	US TREASURY N/B	4,927,134	5,141,000	XXX	02/15/2026	V
BANK OF AMERICA N.A.	Cash	B4TYDEB6GKMZ0031MB27		5,420,000		XXX		V
BARCLAYS BANK PLC	Cash	65GSEF7VJP5170UK5573		39,870,000		XXX		V
BNP PARIBAS	Cash	ROMUJSPUB8MPR0R8K5P83		15,600,000		XXX		V
CITIBANK N.A. NEW YORK	Cash	E570DZVZ7FF32TWEFA76		92,600,000		XXX		V
DEUTSCHE BK AG	Cash	7LTFWZY1CNSX80621K86		16,640,000		XXX		V
GOLDMAN SACHS BANK USA	Cash	KD3XUN7C6T14HNAYLU02		182,680,000		XXX		V
HSBC BANK USA	Cash	11E8VN30JCEQV1H4R804		31,560,000		XXX		V
JP MORGAN CHASE BANK N.A.	Cash	7H6GLXDRUGOFU57RNE97		289,220,000		XXX		V
UBS SECURITIES LLC	Cash	SNZ20JLKF8MNNCLQ0F39		2,812,252		XXX		V
MORGAN STANLEY & CO LLC	Cash	9R7GPT507K13UJZ0078		4,401,287		XXX		V
0299999999 - Total				814,130,023	133,855,600	XXX	XXX	XXX

**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 CUSIP Identification	2 Description	3 Code	4 NAIC Designation and Administrative Symbol/ Market Indicator	5 Fair Value	6 Book/Adjusted Carrying Value	7 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
6099999	Subtotal - SVO Identified Funds					XXX
6399999	Subtotal - Bank Loans					XXX
6499999	Total - Issuer Obligations					XXX
6599999	Total - Residential Mortgage-Backed Securities					XXX
6699999	Total - Commercial Mortgage-Backed Securities					XXX
6799999	Total - Other Loan-Backed and Structured Securities					XXX
6899999	Total - SVO Identified Funds					XXX
6999999	Total - Bank Loans					XXX
7099999	Total Bonds					XXX
7399999	Total - Preferred Stocks					XXX
7799999	Total - Common Stocks					XXX
7899999	Total - Preferred and Common Stocks					XXX
	Cash			394,674,944	394,674,944	
9099999	Total - Cash (Schedule E Part 1 type)			394,674,944	394,674,944	XXX
	NOMURA SECURITIES INTERNATIONAL INC TRIREPO 2.6% 4/1/2019 TSY			85,000,000	85,000,000	04/01/2019
	NATWEST MARKETS SECURITIES INC TRIREPO 2.54% 4/1/2019 TSY			100,000,000	100,000,000	04/01/2019
9199999	Total - Cash Equivalents (Schedule E Part 2 type)			185,000,000	185,000,000	XXX
9999999	- Totals			579,674,944	579,674,944	XXX

General Interrogatories:

- Total activity for the year Fair Value \$47,472,321 Book/Adjusted Carrying Value \$47,472,321
- Average balance for the year Fair Value \$609,107,363 Book/Adjusted Carrying Value \$609,107,363
- 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 and Administrative Symbol/ Market Indicator	Fair Value	Book/Adjusted Carrying Value	Maturity Date
NONE						
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 \$ |

STATEMENT AS OF MARCH 31, 2019 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE E - PART 1 - CASH

Month End Depository Balances

1 Depository	2 Code	3 Rate of Interest	4 Amount of Interest Received During Current Quarter	5 Amount of Interest Accrued at Current Statement Date	Book Balance at End of Each Month During Current Quarter			9 *
					6 First Month	7 Second Month	8 Third Month	
Citibank, N.A. Channel Islands, UK			5,166					.XXX.
Citibank, N.A. London, UK					6,331,793	2,368,043	37,157,604	.XXX.
Citibank, N.A. New Castle, DE					(6,579,305)	(4,145,571)	(3,994,016)	.XXX.
Citibank, N.A. New York, NY					1,476,830	27,990,839	59,690,472	.XXX.
Harris, N.A. Chicago, IL					318,985	365,305	572,537	.XXX.
JPMorgan Chase Bank, N.A. Houston, TX					16,054,583	19,019,747	8,287,150	.XXX.
JPMorgan Chase Bank, N.A. New York, NY					(21,179,321)	(38,747,289)	8,009,001	.XXX.
The Northern Trust Company Chicago, IL					149,736	155,143	150,003	.XXX.
Wells Fargo, N.A. Minneapolis, MN					(7,163,386)	(13,179,357)	(13,388,855)	.XXX.
Wells Fargo, N.A. San Francisco, CA					15,822	10,629	24,849	.XXX.
Beneficial State Bank Oakland, CA								
Beneficial State Bank CD Matures June 13, 2019 ...		2.400		199,792	10,298,558	10,298,558	10,298,558	.XXX.
Beneficial State Bank New York, NY								
Carver Federal Savings FSB CD Matures October 31, 2019		2.860		72,352	6,031,321	6,031,321	6,031,321	.XXX.
Carver Federal Savings FSB Washington, DC								
City First Bank of D.C. CD Matures May 9, 2019		2.450		96,043	4,328,955	4,328,955	4,328,955	.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	5,166	368,187	10,084,572	14,496,323	117,167,579	.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	5,166	368,187	10,084,572	14,496,323	117,167,579	.XXX.
0499999. Cash in Company's Office	XXX	XXX	XXX	XXX				.XXX.
0599999. Total - Cash	XXX	XXX	5,166	368,187	10,084,572	14,496,323	117,167,579	.XXX.

