

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, 2020**

LIFE AND ACCIDENT AND HEALTH

FRATERNAL BENEFIT SOCIETIES

2020



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

QUARTERLY STATEMENT

AS OF MARCH 31, 2020

OF THE CONDITION AND AFFAIRS OF THE

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 and 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 Derek Brandon Dorn # SVP & Chief Actuary Christine Ellen Dugan

OTHER

Vijay Chandur Advani #, SEVP, Executive Chairman, 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 Jose Manuel Minaya #, SEVP, Executive Vice President, Chief Executive Officer, Nuveen 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 Ribeau 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.

Signature of Roger Walton Ferguson, Jr.

Roger Walton Ferguson, Jr.
President & Chief Executive Officer

Signature of Derek Brandon Dorn

Derek Brandon Dorn*
SMD & Corporate Secretary

Signature of Glenn Robert Richter

Glenn Robert Richter
SEVP & Chief Financial Officer

Subscribed and sworn to before me this
day of

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

* Derek Brandon Dorn assumed the role of SMD & Corporate Secretary effective on April 6, 2020.

STATEMENT AS OF MARCH 31, 2020 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	191,375,011,490	49,934,096	191,325,077,394	189,017,955,330
2. Stocks:				
2.1 Preferred stocks	378,834,239		378,834,239	415,420,701
2.2 Common stocks	6,257,270,062	25,552,509	6,231,717,553	5,656,767,467
3. Mortgage loans on real estate:				
3.1 First liens	30,726,321,553		30,726,321,553	30,366,976,288
3.2 Other than first liens.....	2,047,559,842		2,047,559,842	2,074,010,191
4. Real estate:				
4.1 Properties occupied by the company (less \$ encumbrances)	198,159,799		198,159,799	187,121,854
4.2 Properties held for the production of income (less \$625,005,133 encumbrances)	2,723,655,400		2,723,655,400	2,729,418,552
4.3 Properties held for sale (less \$ encumbrances)				769,943,518
5. Cash (\$409,926,252), cash equivalents (\$1,656,994,202) and short-term investments (\$996,305,428)	3,063,225,882		3,063,225,882	902,018,465
6. Contract loans (including \$ premium notes)	1,742,229,940	20,057	1,742,209,883	1,803,025,143
7. Derivatives	1,577,162,218		1,577,162,218	794,361,576
8. Other invested assets	30,376,801,338	73,422,323	30,303,379,015	31,431,879,887
9. Receivables for securities	404,123,172		404,123,172	147,642,034
10. Securities lending reinvested collateral assets	419,695,169		419,695,169	362,595,811
11. Aggregate write-ins for invested assets	49,177,516		49,177,516	20,424,933
12. Subtotals, cash and invested assets (Lines 1 to 11)	271,339,227,620	148,928,985	271,190,298,635	266,679,561,751
13. Title plants less \$ charged off (for Title insurers only)				
14. Investment income due and accrued	1,830,699,619		1,830,699,619	1,823,059,506
15. Premiums and considerations:				
15.1 Uncollected premiums and agents' balances in the course of collection	1,611,487		1,611,487	1,521,311
15.2 Deferred premiums, agents' balances and installments booked but deferred and not yet due (including \$ earned but unbilled premiums)	39,923,321	106,011	39,817,310	43,974,028
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	8,559,162	700,786	7,858,376	3,622,608
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	5,260,284,000	2,937,688,000	2,322,596,000	2,405,969,000
19. Guaranty funds receivable or on deposit	13,809,848		13,809,848	13,809,458
20. Electronic data processing equipment and software	277,595,117	251,192,077	26,403,040	24,523,536
21. Furniture and equipment, including health care delivery assets (\$)	116,489,188	116,489,188		
22. Net adjustment in assets and liabilities due to foreign exchange rates				
23. Receivables from parent, subsidiaries and affiliates	114,588,063	1,433,959	113,154,104	159,406,558
24. Health care (\$) and other amounts receivable				
25. Aggregate write-ins for other than invested assets	769,564,396	158,602,524	610,961,872	612,480,032
26. Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 to 25)	279,772,351,821	3,615,141,530	276,157,210,291	271,767,927,788
27. From Separate Accounts, Segregated Accounts and Protected Cell Accounts	39,838,344,826		39,838,344,826	43,827,436,055
28. Total (Lines 26 and 27)	319,610,696,647	3,615,141,530	315,995,555,117	315,595,363,842
DETAILS OF WRITE-INS				
1101. Derivative collateral - receivable	48,471,281		48,471,281	19,541,119
1102. Receivable for securities lending	706,235		706,235	383,088
1103. Investments in process				500,726
1198. Summary of remaining write-ins for Line 11 from overflow page				
1199. Totals (Lines 1101 through 1103 plus 1198)(Line 11 above)	49,177,516		49,177,516	20,424,933
2501. Sundry receivables	636,064,551	25,102,679	610,961,872	612,480,032
2502. Prepaid expenses	122,714,470	122,714,470		
2503. Intangible asset - AML - SERP	10,785,375	10,785,375		
2598. Summary of remaining write-ins for Line 25 from overflow page				
2599. Totals (Lines 2501 through 2503 plus 2598)(Line 25 above)	769,564,396	158,602,524	610,961,872	612,480,032

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

STATEMENT AS OF MARCH 31, 2020 OF THE 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 \$ 217,465,479,480 less \$ included in Line 6.3 (including \$ Modco Reserve)	217,465,479,480	215,462,343,673
2. Aggregate reserve for accident and health contracts (including \$ Modco Reserve)	1,345	1,345
3. Liability for deposit-type contracts (including \$ Modco Reserve)	2,966,508,880	1,599,870,197
4. Contract claims:		
4.1 Life	841,017,041	699,109,446
4.2 Accident and health		
5. Policyholders' dividends/refunds to members \$ 3,460,214 and coupons \$ due and unpaid	3,460,214	4,332,398
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)	1,530,826,207	1,891,315,468
6.2 Policyholders' dividends and refunds to members not yet apportioned (including \$ Modco)	389,135,716	
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	558,329	496,936
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 \$ 3,975,726 ceded	3,975,726	4,050,246
9.4 Interest Maintenance Reserve	2,433,200,436	2,089,761,290
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	585,899,879	1,046,215,119
13. Transfers to Separate Accounts due or accrued (net) (including \$ accrued for expense allowances recognized in reserves, net of reinsured allowances)	(10,681,807)	7,949,075
14. Taxes, licenses and fees due or accrued, excluding federal income taxes	21,230,924	43,428,232
15.1 Current federal and foreign income taxes, including \$ on realized capital gains (losses)	37,662,261	14,040,123
15.2 Net deferred tax liability		
16. Unearned investment income	6,205,155	5,092,886
17. Amounts withheld or retained by reporting entity as agent or trustee	207,602,251	229,278,978
18. Amounts held for agents' account, including \$ agents' credit balances		
19. Remittances and items not allocated	127,225,442	147,744,259
20. Net adjustment in assets and liabilities due to foreign exchange rates		
21. Liability for benefits for employees and agents if not included above	158,519,104	160,861,522
22. Borrowed money \$ 1,195,000,000 and interest thereon \$	1,195,000,000	
23. Dividends to stockholders declared and unpaid		
24. Miscellaneous liabilities:		
24.01 Asset valuation reserve	4,977,902,873	6,323,298,167
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	476,039,261	725,098,673
24.05 Drafts outstanding		
24.06 Liability for amounts held under uninsured plans		
24.07 Funds held under coinsurance		
24.08 Derivatives	52,684,218	197,952,711
24.09 Payable for securities	923,720,059	201,377,224
24.10 Payable for securities lending	419,695,156	362,595,798
24.11 Capital notes \$ and interest thereon \$		
25. Aggregate write-ins for liabilities	2,321,998,919	1,742,732,615
26. Total liabilities excluding Separate Accounts business (Lines 1 to 25)	237,134,867,069	232,958,946,382
27. From Separate Accounts Statement	39,771,350,900	43,764,621,849
28. Total liabilities (Lines 26 and 27)	276,906,217,969	276,723,568,230
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	5,041,359,049	5,041,392,557
33. Gross paid in and contributed surplus	550,000	550,000
34. Aggregate write-ins for special surplus funds	34,044,928,099	33,827,353,054
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 \$ 66,993,926 in Separate Accounts Statement)	39,086,837,148	38,869,295,611
38. Totals of Lines 29, 30 and 37	39,089,337,148	38,871,795,611
39. Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3)	315,995,555,117	315,595,363,842
DETAILS OF WRITE-INS		
2501. Derivative collateral - payable	1,524,347,814	871,580,827
2502. Miscellaneous liabilities	529,787,444	578,587,960
2503. Deferred gain on asset transfer with affiliate	314,806,759	340,073,478
2598. Summary of remaining write-ins for Line 25 from overflow page	(46,943,098)	(47,509,650)
2599. Totals (Lines 2501 through 2503 plus 2598)(Line 25 above)	2,321,998,919	1,742,732,615
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 **	34,044,928,099	33,827,353,054
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)	34,044,928,099	33,827,353,054

** The amount of the annuitant mortality fluctuation fund for the Real Estate account is \$115,268,111 and for the Access account is \$17,467,356.
 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	5,199,417,468	4,433,950,529	14,909,966,720
2. Considerations for supplementary contracts with life contingencies	40,099,408	20,925,925	80,001,210
3. Net investment income	3,107,899,553	2,874,698,587	12,057,375,975
4. Amortization of Interest Maintenance Reserve (IMR)	84,044,675	63,917,054	266,749,695
5. Separate Accounts net gain from operations excluding unrealized gains or losses	4,179,720	4,760,729	18,800,204
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	61,072,856	61,722,154	242,441,658
8.2 Charges and fees for deposit-type contracts			
8.3 Aggregate write-ins for miscellaneous income	626,317,585	693,465,716	2,728,418,849
9. Totals (Lines 1 to 8.3)	9,123,031,265	8,153,440,694	30,303,754,312
10. Death benefits	16,521,118	12,433,949	69,299,975
11. Matured endowments (excluding guaranteed annual pure endowments)	25,720		141,346
12. Annuity benefits	2,089,351,945	1,947,826,284	7,667,213,010
13. Disability benefits and benefits under accident and health contracts	2,134,018	2,200,334	9,473,671
14. Coupons, guaranteed annual pure endowments and similar benefits			
15. Surrender benefits and withdrawals for life contracts	3,992,951,842	2,321,334,743	9,720,984,801
16. Group conversions			
17. Interest and adjustments on contract or deposit-type contract funds	5,147,779	7,314,334	30,405,046
18. Payments on supplementary contracts with life contingencies	28,382,542	19,154,017	81,316,213
19. Increase in aggregate reserves for life and accident and health contracts	2,003,135,807	1,764,606,383	4,116,892,890
20. Totals (Lines 10 to 19)	8,137,650,771	6,074,870,044	21,695,726,953
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	411,853,402	395,389,456	1,698,657,156
24. Insurance taxes, licenses and fees, excluding federal income taxes	21,727,006	23,252,863	74,308,305
25. Increase in loading on deferred and uncollected premiums	(1,290,079)	(1,481,672)	(1,473,949)
26. Net transfers to or (from) Separate Accounts net of reinsurance	(1,036,767,415)	313,872,949	1,157,569,790
27. Aggregate write-ins for deductions	142,968,322	91,951,340	455,091,628
28. Totals (Lines 20 to 27)	7,676,142,007	6,897,854,980	25,079,879,883
29. Net gain from operations before dividends to policyholders and federal income taxes (Line 9 minus Line 28)	1,446,889,258	1,255,585,714	5,223,874,429
30. Dividends to policyholders and refunds to members	814,679,223	791,503,448	3,266,848,297
31. Net gain from operations after dividends to policyholders, refunds to members and before federal income taxes (Line 29 minus Line 30)	632,210,035	464,082,266	1,957,026,132
32. Federal and foreign income taxes incurred (excluding tax on capital gains)	(1,143,232)	4,047,401	17,251,070
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)	633,353,267	460,034,865	1,939,775,062
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)	(195,936,094)	(113,622,002)	(321,871,867)
35. Net income (Line 33 plus Line 34)	437,417,173	346,412,863	1,617,903,195
CAPITAL AND SURPLUS ACCOUNT			
36. Capital and surplus, December 31, prior year	38,871,795,611	38,126,303,728	38,126,303,728
37. Net income (Line 35)	437,417,173	346,412,863	1,617,903,195
38. Change in net unrealized capital gains (losses) less capital gains tax of \$	(1,344,246,418)	205,956,081	177,572,736
39. Change in net unrealized foreign exchange capital gain (loss)	(134,662,065)	(933,951)	(60,000,656)
40. Change in net deferred income tax	7,591,000	(71,143,000)	(284,212,000)
41. Change in nonadmitted assets	(93,353,386)	64,937,049	365,894,847
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	1,345,395,294	(303,374,876)	(1,063,770,979)
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	(33,509)	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	(566,552)	(771,544)	(8,220,769)
54. Net change in capital and surplus for the year (Lines 37 through 53)	217,541,537	241,115,947	745,491,883
55. Capital and surplus, as of statement date (Lines 36 + 54)	39,089,337,148	38,367,419,675	38,871,795,611
DETAILS OF WRITE-INS			
08.301. Additional amounts credited or applied to annuities	347,763,643	384,280,982	1,519,762,749
08.302. Consideration on annuity product rollovers	213,275,375	232,475,724	933,138,703
08.303. Miscellaneous income	44,104,827	55,182,111	197,558,140
08.398. Summary of remaining write-ins for Line 8.3 from overflow page	21,173,740	21,526,899	77,959,257
08.399. Totals (Lines 08.301 through 08.303 plus 08.398) (Line 8.3 above)	626,317,585	693,465,716	2,728,418,849
2701. Miscellaneous deductions	142,968,322	91,951,315	455,068,773
2702. Miscellaneous fines and penalties		25	22,855
2703.			
2798. Summary of remaining write-ins for Line 27 from overflow page			
2799. Totals (Lines 2701 through 2703 plus 2798)(Line 27 above)	142,968,322	91,951,340	455,091,628
5301. Post retirement benefit obligation liability	(566,552)	(771,544)	(8,220,769)
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)	(566,552)	(771,544)	(8,220,769)

STATEMENT AS OF MARCH 31, 2020 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	5,479,296,487	4,714,844,581	16,007,652,150
2. Net investment income	3,025,638,640	2,772,576,549	11,669,010,711
3. Miscellaneous income	100,055,536	116,347,989	438,769,096
4. Total (Lines 1 to 3)	8,604,990,664	7,603,769,119	28,115,431,957
5. Benefit and loss related payments	6,070,611,086	4,266,596,195	17,762,708,404
6. Net transfers to Separate Accounts, Segregated Accounts and Protected Cell Accounts	(1,018,136,533)	300,298,138	1,157,998,455
7. Commissions, expenses paid and aggregate write-ins for deductions	987,470,971	954,429,411	1,980,872,407
8. Dividends paid to policyholders	439,141,309	446,162,535	1,736,608,815
9. Federal and foreign income taxes paid (recovered) net of \$ tax on capital gains (losses)	(24,765,370)	(1,576,193)	48,584,795
10. Total (Lines 5 through 9)	6,454,321,464	5,965,910,086	22,686,772,875
11. Net cash from operations (Line 4 minus Line 10)	2,150,669,200	1,637,859,033	5,428,659,082
Cash from Investments			
12. Proceeds from investments sold, matured or repaid:			
12.1 Bonds	5,738,426,249	3,407,833,658	17,608,026,095
12.2 Stocks	940,697,765	368,985,855	2,097,181,819
12.3 Mortgage loans	396,424,962	430,460,340	2,207,006,217
12.4 Real estate	784,613,951		271,503,224
12.5 Other invested assets	817,241,642	360,222,245	1,975,794,614
12.6 Net gains or (losses) on cash, cash equivalents and short-term investments	(14,002,093)	9,759,112	315,267
12.7 Miscellaneous proceeds	1,520,144,375	223,365,546	519,616,962
12.8 Total investment proceeds (Lines 12.1 to 12.7)	10,183,546,850	4,800,626,756	24,679,444,198
13. Cost of investments acquired (long-term only):			
13.1 Bonds	8,071,245,750	4,448,198,519	18,624,207,791
13.2 Stocks	2,058,995,136	396,981,331	2,231,537,149
13.3 Mortgage loans	988,813,473	1,814,455,870	4,931,404,838
13.4 Real estate	36,473,079	80,118,401	1,436,478,315
13.5 Other invested assets	962,792,500	425,527,611	3,040,523,338
13.6 Miscellaneous applications	405,565,736	185,666,705	71,507,684
13.7 Total investments acquired (Lines 13.1 to 13.6)	12,523,885,674	7,350,948,437	30,335,659,115
14. Net increase (or decrease) in contract loans and premium notes	(61,586,463)	(38,616,827)	(91,544,626)
15. Net cash from investments (Line 12.8 minus Line 13.7 and Line 14)	(2,278,752,362)	(2,511,704,854)	(5,564,670,291)
Cash from Financing and Miscellaneous Sources			
16. Cash provided (applied):			
16.1 Surplus notes, capital notes	(33,508)	33,324	325,508
16.2 Capital and paid in surplus, less treasury stock			
16.3 Borrowed funds	1,195,000,000	685,000,000	
16.4 Net deposits on deposit-type contracts and other insurance liabilities	1,360,961,712	8,377,039	465,324,586
16.5 Dividends to stockholders			
16.6 Other cash provided (applied)	(266,637,626)	(286,470,032)	(25,193,489)
17. Net cash from financing and miscellaneous sources (Line 16.1 through Line 16.4 minus Line 16.5 plus Line 16.6)	2,289,290,578	406,940,331	440,456,605
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)	2,161,207,416	(466,905,490)	304,445,396
19. Cash, cash equivalents and short-term investments:			
19.1 Beginning of year	902,018,465	597,573,069	597,573,069
19.2 End of period (Line 18 plus Line 19.1)	3,063,225,882	130,667,579	902,018,465

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	944,632,404	639,301,857	3,493,480,395
20.0002. Capitalized interest on mortgages		138,269	1,505,219
20.0003. Capitalized interest on bonds	99,976,581	96,151,204	391,120,276
20.0004. Additional amounts credited or applied to annuities	347,763,643	384,280,982	1,519,762,749
20.0005. Interest credited on deposit type contracts	8,339,153	7,305,624	29,922,126

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	45,621,096	50,354,718	219,931,072
3. Ordinary individual annuities	1,960,678,919	1,554,069,730	5,691,745,992
4. Credit life (group and individual)			
5. Group life insurance			
6. Group annuities	3,193,161,038	2,829,572,469	8,998,441,755
7. A & H - group	71,407	73,736	286,348
8. A & H - credit (group and individual)			
9. A & H - other	3,060,662	3,121,847	12,281,286
10. Aggregate of all other lines of business			
11. Subtotal (Lines 1 through 10)	5,202,593,122	4,437,192,500	14,922,686,453
12. Fraternal (Fraternal Benefit Societies Only)			
13. Subtotal (Lines 11 through 12)	5,202,593,122	4,437,192,500	14,922,686,453
14. Deposit-type contracts	90,961,901	79,667,132	307,891,963
15. Total (Lines 13 and 14)	5,293,555,023	4,516,859,632	15,230,578,417
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	03/31/2020	12/31/2019
Net Income, New York SAP				\$ 437,417,173	\$ 1,617,903,195
New York SAP Prescribed Practices that are an increase/(decrease) from NAIC SAP:					
Additional Reserves for Term Conversions	51R	4	19	344,912	160,031
Net Income, NAIC SAP				<u>\$ 437,072,261</u>	<u>\$ 1,617,743,164</u>
Capital and Contingency Reserves, New York SAP.....				\$ 39,089,337,148	\$ 38,871,795,611
New York SAP Prescribed Practices that are an increase/(decrease) from NAIC SAP:					
Deferred Premium Asset Limitation	51R, 61R	2	15.2	(40,700)	(66,643)
Additional Reserves for Term Conversions	51R	3	1	(20,797,705)	(21,142,617)
Capital and Contingency Reserves, NAIC SAP				<u>\$ 39,110,175,553</u>	<u>\$ 38,893,004,871</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, 2020 and December 31, 2019 would not have triggered a regulatory event without the use of the New York SAP prescribed practices.

B. Use of Estimates in Preparation of the Financial Statements

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

The outbreak of the novel coronavirus (“COVID-19”) and subsequent global pandemic began significantly impacting the U.S. and global financial markets and economies during the quarter ended March 31, 2020. The worldwide spread of COVID-19 has created significant uncertainty in the global economy. The duration and extent of COVID-19 over the long-term cannot be reasonably estimated at this time. There have been no comparable recent events that provide guidance as to the effect the spread of COVID-19 as a global pandemic may have on the Company’s financial performance. The ultimate impact of COVID-19 and the extent to which COVID-19 impacts the Company’s business, results of operations, investments, and cash flows will depend on future developments, which are highly uncertain and difficult to predict.

C. Accounting Policy

(1) No material change

(2) Not applicable

(3) - (5) No material change

(6) Included within bonds are loan-backed and structured securities. Estimated future cash flows and expected prepayment speeds are used to determine the amortization of loan-backed and structured securities under the prospective method. Expected future cash flows and prepayment speeds are evaluated quarterly. Certain

NOTES TO FINANCIAL STATEMENTS

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

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

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

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

(7) - (13) No material change

D. Going Concern

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

2. Accounting Changes and Corrections of Errors

Not applicable

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 2020:

	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	\$ 84,232,090	\$ (11,648,634)	\$ 13,665,139	\$ 82,215,585
Total 1st Quarter	<u>\$ 84,232,090</u>	<u>\$ (11,648,634)</u>	<u>\$ 13,665,139</u>	<u>\$ 82,215,585</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>\$ (11,648,634)</u>	<u>\$ 13,665,139</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 Company has no loan-backed and structured securities that recognized OTTI as of March 31, 2020.

(4) All impaired securities (fair value is less than cost or amortized cost) for which an OTTI has not been recognized in earnings as a realized loss (including securities with a recognized OTTI for non-interest related declines when a non-recognized interest related impairment remains):

a. The aggregate amount of unrealized losses:

1. Less than 12 Months	\$ 746,645,383
2. 12 Months or Longer	\$ 166,525,389

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

1. Less than 12 Months	\$ 9,391,526,213
2. 12 Months or Longer	\$ 937,985,628

(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 \$419,695,169. This collateral is cash and was not sold or re-pledged as of March 31, 2020.

c. No material change

(4) No material change

(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

NOTES TO FINANCIAL STATEMENTS

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

(1) Restricted Assets (Including Pledged), (in millions)

Restricted Asset Category	Gross (Admitted and Nonadmitted) Restricted										
	1	2	3	4	5	6	7	8	9	10	11
	Total General Account (G/A)	G/A Supporting (S/A) Activity (a)	Total Separate Account (S/A) Restricted Assets	S/A Assets Supporting G/A Activity (b)	Total (1 plus 3)	Total From Prior Year	Increase / (Decrease (5 minus 6))	Total Nonadmitted Restricted	Total Admitted Restricted (5 minus 8)	Gross (Admitted & Nonadmitted) Restricted to Total Assets	Admitted Restricted to Total Admitted Assets
Subject to contractual obligation for which liability is not shown.....	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	0.000%	0.000%
Collateral held under security lending agreements	420	—	9	—	429	395	34	—	429	0.134%	0.136%
Subject to repurchase agreements	—	—	—	—	—	—	—	—	—	0.000%	0.000%
Subject to reverse repurchase agreements	—	—	—	—	—	—	—	—	—	0.000%	0.000%
Subject to dollar repurchase agreements	—	—	—	—	—	—	—	—	—	0.000%	0.000%
Subject to dollar reverse repurchase agreements	—	—	—	—	—	—	—	—	—	0.000%	0.000%
Placed under option contracts.....	—	—	—	—	—	—	—	—	—	0.000%	0.000%
Letter stock or securities restricted as to sale – excluding FHLB capital stock	—	—	—	—	—	—	—	—	—	0.000%	0.000%
FHLB capital stock	218	—	—	—	218	104	114	—	218	0.068%	0.069%
On deposit with states.	17	—	—	—	17	17	—	—	17	0.005%	0.005%
On deposit with other regulatory bodies.....	—	—	—	—	—	—	—	—	—	0.000%	0.000%
Pledged as collateral to FHLB (including assets backing funding agreements)	3,239	—	—	—	3,239	449	2,790	—	3,239	1.013%	1.025%
Pledged as collateral not captured in other categories.....	21	—	—	—	21	35	(14)	—	21	0.007%	0.007%
Other restricted assets	23	—	21	—	44	124	(80)	—	44	0.014%	0.014%
Total restricted assets	\$ 3,938	\$ —	\$ 30	\$ —	\$ 3,968	\$ 1,124	\$ 2,844	\$ —	\$ 3,968	1.242%	1.256%

(2) - (3) No material change

NOTES TO FINANCIAL STATEMENTS**(4) Collateral Received and Reflected as Assets Within the Reporting Entity's Financial Statements**
(in millions)

	1	2	3	4
	Book/Adjusted Carrying Value (BACV)	Fair Value	% of BACV to Total Assets (Admitted and Nonadmitted)*	% of BACV to Total Admitted Assets**
Collateral Assets				
General Account:				
a. Cash, Cash Equivalents and Short-Term Investments . \$	1,481	\$ 1,481	0.529%	0.536%
b. Schedule D, Part 1	—	—	—%	—%
c. Schedule D, Part 2, Section 1	—	—	—%	—%
d. Schedule D, Part 2, Section 2	—	—	—%	—%
e. Schedule B	—	—	—%	—%
f. Schedule A	—	—	—%	—%
g. Schedule BA, Part 1	—	—	—%	—%
h. Schedule DL, Part 1	404	404	0.144%	0.146%
i. Other	—	—	—%	—%
j. Total Collateral Assets (a+b+c+d+e+f+g+h+i)	\$ 1,885	\$ 1,885	0.674%	0.683%
Separate Account:				
k. Cash, Cash Equivalents and Short-Term Investments . \$	—	\$ —	—%	—%
l. Schedule D, Part 1	—	—	—%	—%
m. Schedule D, Part 2, Section 1	—	—	—%	—%
n. Schedule D, Part 2, Section 2	—	—	—%	—%
o. Schedule B	—	—	—%	—%
p. Schedule A	—	—	—%	—%
q. Schedule BA, Part 1	—	—	—%	—%
r. Schedule DL, Part 1	9	9	0.022%	0.022%
s. Other Separate Account	—	—	—%	—%
t. Total Collateral Assets (k+l+m+n+o+p+q+r+s).....	\$ 9	\$ 9	0.022%	0.022%

j = Column 1 divided by Asset Page, Line 26 (Column 1)

t = Column 1 divided by Asset Page, Line 27 (Column 1)

j = Column 1 divided by Asset Page, Line 26 (Column 3)

t = Column 1 divided by Asset Page, Line 27 (Column 3)

The Company receives primarily cash collateral for derivatives. The company reinvests the cash collateral or uses the cash for general corporate purposes.

	1	2
	Amount	% of Liability to Total Liabilities*
u. Recognized Obligation to Return Collateral Asset (General Account)	\$ 1,885	0.795%
v. Recognized Obligation to Return Collateral Asset (Separate Account)...	\$ 9	0.022%

u = Column 1 divided by Liability Page, Line 26 (Column 1)

v = Column 1 divided by Liability Page, Line 27 (Column 1)

M. Working Capital Financial Investments

Not applicable

N. Offsetting and Netting of Assets and Liabilities

Not applicable

O. 5GI Securities

No material change

P. Short Sales

Not applicable

Q. 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

NOTES TO FINANCIAL STATEMENTS**8. Derivative Instruments**

A. (1) - (7) No material change

(8) Not applicable

B. Not applicable

9. Federal Income Tax

No material change

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

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 or use the funds to earn a spread on its investment. 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 \$15,799,777,756. 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 March 31, 2020			
a) Membership Stock - Class A	\$ —	\$ —	\$ —
b) Membership Stock - Class B	\$ 83,717,600	\$ 83,717,600	\$ —
c) Activity Stock	\$ 134,695,900	\$ 134,695,900	\$ —
d) Excess Stock	\$ —	\$ —	\$ —
e) Aggregate Total (a+b+c+d)	\$ 218,413,500	\$ 218,413,500	\$ —
f) Actual or estimated Borrowing Capacity as Determined by the Insurer ...	\$ 15,799,777,756	\$ 15,799,777,756	\$ —
2. Prior Year-end as of 12/31/2019			
a) Membership Stock - Class A	\$ —	\$ —	\$ —
b) Membership Stock - Class B	\$ 83,717,600	\$ 83,717,600	\$ —
c) Activity Stock	\$ 20,700,000	\$ 20,700,000	\$ —
d) Excess Stock	\$ —	\$ —	\$ —
e) Aggregate Total (a+b+c+d)	\$ 104,417,600	\$ 104,417,600	\$ —
f) Actual or estimated Borrowing Capacity as Determined by the Insurer ...	\$ 15,779,768,192	\$ 15,779,768,192	\$ —

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

Membership Stock	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
Class A	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Class B	\$ 83,717,600	\$ 83,717,600	\$ —	\$ —	\$ —	\$ —

(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) ..	\$ 3,238,642,575	\$ 2,912,827,939	\$ 2,993,241,000
2. Current Year General Account Total Collateral Pledged	\$ 3,238,642,575	\$ 2,912,827,939	\$ 2,993,241,000
3. Current Year Separate Account Total Collateral Pledged	\$ —	\$ —	\$ —
4. Prior Year-end Total General and Separate Accounts Total Collateral Pledged	\$ 492,404,393	\$ 448,550,194	\$ 460,000,000

NOTES TO FINANCIAL STATEMENTS

b. Maximum Amount Pledged During Reporting Period

	1	2	3
	Fair Value	Carrying Value	Amount Borrowed at Time of Maximum Collateral
1. Current Year Total General and Separate Accounts Maximum Collateral Pledged (Lines 2+3)	\$ 3,285,079,218	\$ 2,976,686,103	\$ 3,036,159,000
2. Current Year General Account Maximum Collateral Pledged ...	\$ 3,285,079,218	\$ 2,976,686,103	\$ 3,036,159,000
3. Current Year Separate Account Maximum Collateral Pledged .	\$ —	\$ —	\$ —
4. Prior Year-end Total General and Separate Accounts Maximum Collateral Pledged	\$ 1,374,771,045	\$ 1,332,617,745	\$ 1,285,000,000

(4) Borrowing from FHLB

a. Amount as of the Reporting Date

	1	2	3	4
	Total (2+3)	General Account	Separate Account	Funding Agreements Reserves Established
1. Current Year				
a) Debt	\$ 1,195,000,000	\$ 1,195,000,000	\$ —	\$ —
b) Funding Agreements	1,798,241,000	1,798,241,000	—	—
c) Other	—	—	—	—
d) Aggregate Total (a+b+c)	\$ 2,993,241,000	\$ 2,993,241,000	\$ —	\$ —
2. Prior Year-end				
a) Debt	\$ —	\$ —	\$ —	\$ —
b) Funding Agreements	460,000,000	460,000,000	—	—
c) Other	—	—	—	—
d) Aggregate Total (a+b+c)	\$ 460,000,000	\$ 460,000,000	\$ —	\$ —

b. Maximum Amount during Reporting Period (Current Year)

	1	2	3
	Total (2+3)	General Account	Separate Account
Current Year			
1. Debt	\$ 1,046,000,000	\$ 1,046,000,000	\$ —
2. Funding Agreements	1,990,159,000	1,990,159,000	—
3. Other	—	—	—
4. Aggregate Total (a+b+c)	\$ 3,036,159,000	\$ 3,036,159,000	\$ —

c. FHLB - Prepayment Obligations

	Does the company have prepayment obligations under the following arrangements (YES/NO)?
1. Debt	No
2. Funding Agreements	No
3. Other	N/A

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, 2020	December 31, 2019	March 31, 2020	December 31, 2019
a. Service cost	\$ —	\$ —	\$ —	\$ —
b. Interest cost	328,990	1,315,958	433,055	2,488,236
c. Expected return on plan assets	—	—	—	—
d. Amortization of unrecognized transition obligation or transition asset	3,741	14,962	—	—
e. Amount of recognized gains and losses	61,614	246,457	501,350	1,185,437
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	—	—	—	—
h. Total net periodic benefit cost	\$ 394,344	\$ 1,577,377	\$ (133,497)	\$ (597,935)

(5) - (11) No material change

(12) - (18) Not applicable

NOTES TO FINANCIAL STATEMENTS

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.

B. Transfer and Servicing of Financial Assets

(1) No material change

(2) The fair value of securities on loan was \$410,161,965. The fair value of cash collateral received as of March 31, 2020, was \$419,695,169. This collateral is reported in "Securities lending reinvested collateral assets" with an offsetting collateral liability of \$419,695,169 included in "Payable for securities lending".

(3)-(7) Not applicable.

C. Wash Sales

Not applicable

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

Not applicable.

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

Not applicable.

20. Fair Value Measurements

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

NOTES TO FINANCIAL STATEMENTS

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.

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, determined by the NAV practical expedient, of these assets was \$354,083,493 and total unfunded commitments was \$593,649,794 at March 31, 2020. For these investments, redemptions are prohibited prior to liquidation.

NOTES TO FINANCIAL STATEMENTS

(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, 2020:

	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Total
Assets at fair value:					
Bonds					
U.S. Government	\$ —	\$ 1,550,387,129	\$ —	\$ —	\$ 1,550,387,129
Industrial and Miscellaneous	1,641,013,574	99,918,733	32,799,642	—	1,773,731,949
Total Bonds	\$ 1,641,013,574	\$ 1,650,305,862	\$ 32,799,642	\$ —	\$ 3,324,119,078
Common Stocks					
Industrial and Miscellaneous	\$ 1,580,315,951	\$ —	\$ 363,069,387	\$ —	\$ 1,943,385,338
Total Common Stocks	\$ 1,580,315,951	\$ —	\$ 363,069,387	\$ —	\$ 1,943,385,338
Total Preferred Stocks	\$ —	\$ —	\$ 31,289,462	\$ —	\$ 31,289,462
Derivatives:					
Interest rate contracts	\$ —	\$ 23,564,007	\$ —	\$ —	\$ 23,564,007
Foreign exchange contracts	—	1,047,702,874	—	—	1,047,702,874
Total Derivatives	\$ —	\$ 1,071,266,881	\$ —	\$ —	\$ 1,071,266,881
Separate Account Assets, Net	\$ 13,653,606,877	\$ 1,352,842,512	\$ 22,456,342,500	\$354,083,493	\$ 37,816,875,382
Total assets at fair value/NAV	\$ 16,874,936,402	\$ 4,074,415,255	\$ 22,883,500,991	\$354,083,493	\$ 44,186,936,141
Liabilities at fair value:					
Derivatives					
Foreign exchange contracts	\$ —	\$ 41,753,954	\$ —	\$ —	\$ 41,753,954
Credit default swaps	—	1,911,154	—	—	1,911,154
Total liabilities at fair value	\$ —	\$ 43,665,108	\$ —	\$ —	\$ 43,665,108

(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, 2020 (in millions):

	Balance at 1/1/2020	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 03/31/2020
Bonds	\$ 49.2	\$ 0.9 a	\$ —	(0.2)	\$ (17.6)	\$ —	\$ 0.5	\$ —	\$ —	\$ 32.8
Common Stock	247.6	—	—	(5.6)	7.1	886.6	—	(772.6)	—	363.1
Preferred Stock	28.3	10.0 b	—	(0.3)	(6.7)	—	—	—	—	31.3
Separate Account	22,457.0	—	—	(103.9)	74.3	1,585.3	—	(347.6)	(1,208.8)	22,456.3
Total	\$22,782.1	\$ 10.9	\$ —	\$ (110.0)	\$ 57.1	\$ 2,471.9	\$ 0.5	\$1,120.2	\$ (1,208.8)	\$22,883.5

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

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

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

Level 1 financial instruments

Unadjusted quoted prices for these securities are provided to the Company by independent pricing services. 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 included in Level 1 represents cash on hand.

NOTES TO FINANCIAL STATEMENTS**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.

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 corporate bonds.

Cash equivalents 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 common equity securities are principally determined using valuation and discounted cash flow models that require a substantial level of judgment. Included in Level 3 common stock is the Company's holdings in the Federal Home Loan Bank of New York ("FHLBNY") stock as described in Note 20 - FHLBNY Membership and Borrowings. As prescribed in the FHLBNY's capital plan, the par value of the capital stock is \$100 and all capital stock is issued, redeemed, repurchased, or transferred at par value. Since there is not an observable market for the FHLBNY's stock, these securities have been classified as Level 3.

Preferred shares are valued 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.

Derivatives assets and 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.

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 is determined to be its 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.

NOTES TO FINANCIAL STATEMENTS

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 or the carrying value of the FHLB funding agreement, which are both determined to be fair value, and are classified as Level 3.

C. Aggregate fair value for all financial instruments

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

Assets:	Aggregate Fair Value	Admitted Assets	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Not Practicable (Carrying Value)
Bonds	\$206,578,163,706	\$191,325,077,394	\$ 1,641,013,574	\$198,806,085,521	\$ 6,131,064,611	\$ —	\$ —
Common Stock	1,943,385,338	1,943,385,338	1,580,315,951	—	363,069,387	—	—
Preferred Stock	442,264,704	378,834,239	24,877,700	64,640,000	352,747,004	—	—
Mortgage Loans	32,951,843,073	32,773,881,395	—	—	32,951,843,073	—	—
Derivatives	1,554,315,994	1,577,162,218	—	1,375,378,155	178,937,839	—	—
Other invested assets	95,725,788	75,926,145	—	95,725,788	—	—	—
Contract Loans	1,742,209,884	1,742,209,884	—	—	1,742,209,884	—	—
Separate Accounts	39,856,833,418	39,838,344,826	13,672,713,021	3,373,694,404	22,456,342,500	354,083,493	—
Cash, Cash Equivalents and Short Term Investments	3,062,237,399	3,063,225,882	409,926,252	2,632,865,433	19,445,714	—	—
Total	\$288,226,979,304	\$272,718,047,321	\$17,328,846,498	\$206,348,389,301	\$64,195,660,012	\$354,083,493	\$ —

Liabilities	Aggregate Fair Value	Statement Value	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Not Practicable (Carrying Value)
Deposit-type contracts	\$ 2,966,508,880	\$ 2,966,508,880	\$ —	\$ —	\$ 2,966,508,880	\$ —	\$ —
Separate Accounts	39,771,350,900	39,771,350,900	—	—	39,771,350,900	—	—
Derivatives	29,148,983	52,684,218	—	23,091,011	6,057,972	—	—
Total	\$42,767,008,763	\$42,790,543,998	\$ —	\$ 23,091,011	\$ 42,743,917,752	\$ —	\$ —

D. Not applicable.

E. See 20.A.

21. Other Items

No material change

22. Events Subsequent

Type I - Recognized subsequent events:

Subsequent events have been considered through May 8, 2020 for the statutory statement issued on May 8, 2020.

No type I subsequent events were noted.

Type II - Non-recognized subsequent events:

Subsequent events have been considered through May 8, 2020 for the statutory statement issued on May 8, 2020.

On April 30, 2020, the Department approved the Company's request to issue up to \$1,250 million in new surplus notes. On May 4, 2020, TIAA issued \$1,250 million in surplus notes with a coupon of 3.30% and a settlement date of May 7, 2020. The Company plans to use the net proceeds from this issuance for general corporate purposes.

23. Reinsurance

No material change

24. Retrospectively Rated Contracts and Contracts Subject to Redetermination

Not applicable.

NOTES TO FINANCIAL STATEMENTS

25. Changes in Incurred Losses and Loss Adjustment Expenses

A. Reserves as of March 31, 2020 were \$1,029. As of March 31, 2020, 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 2020. None of the Company's accident and health contracts are subject to retrospective rating or experience refunds.

B. During 2020 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.

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 Contract Liabilities by Withdrawal Characteristics

No material change

33. Analysis of Life Actuarial Reserves by Withdrawal Characteristics

No material change

34. Premiums and Annuity Considerations Deferred and Uncollected

No material change

35. Separate Accounts

No material change

36. Loss/Claims Adjustment Expense

No material change

STATEMENT AS OF MARCH 31, 2020 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.
- 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
Nuveen Securities, LLC	Chicago, Illinois				YES

STATEMENT AS OF MARCH 31, 2020 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).
 Effective for January 1, there was a new Code of Business Conduct in place for all enterprise employees. Changes included new Speak Up resources and graphics, as well as minor administrative changes.
- 9.3 Have any provisions of the code of ethics been waived for any of the specified officers? Yes [] No [X]
- 9.31 If the response to 9.3 is Yes, provide the nature of any waiver(s).

FINANCIAL

- 10.1 Does the reporting entity report any amounts due from parent, subsidiaries or affiliates on Page 2 of this statement? Yes [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:
 Federal Home Loan Bank of New York (FHLB NY): Capital Stock \$218,413,500;
 State Deposits: \$16,880,861;
 Pledged as collateral to FHLB (including assets backing funding agreements): \$3,238,642,575;
 Forward Loan Purchase Agreements: \$10,000,000;
 Other Restricted Assets: \$23,224,714
12. Amount of real estate and mortgages held in other invested assets in Schedule BA: \$ 7,595,821,258
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 | \$ 695,914,359 | \$ 326,348,057 |
| 14.22 Preferred Stock | \$ | \$ |
| 14.23 Common Stock | \$ 4,937,644,872 | \$ 4,313,884,723 |
| 14.24 Short-Term Investments | \$ | \$ |
| 14.25 Mortgage Loans on Real Estate | \$ | \$ |
| 14.26 All Other | \$ 24,135,690,729 | \$ 22,698,179,422 |
| 14.27 Total Investment in Parent, Subsidiaries and Affiliates (Subtotal Lines 14.21 to 14.26) | \$ 29,769,249,960 | \$ 27,338,412,202 |
| 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 [] N/A []
 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. \$ 419,695,156
- 16.2 Total book adjusted/carrying value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2 \$ 419,695,156
- 16.3 Total payable for securities lending reported on the liability page. \$ 419,695,156

STATEMENT AS OF MARCH 31, 2020 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
JPMorgan Chase Bank, N.A.	270 Park Avenue New York, NY 10017

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

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

- 17.3 Have there been any changes, including name changes, in the custodian(s) identified in 17.1 during the current quarter? Yes [] No [X]

- 17.4 If yes, give full information relating thereto:

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

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

1 Name of Firm or Individual	2 Affiliation
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 invested assets? Yes [] No [X]

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

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

1 Central Registration Depository Number	2 Name of Firm or Individual	3 Legal Entity Identifier (LEI)	4 Registered With	5 Investment Management Agreement (IMA) Filed
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	549300MFBTJNNQKKJX98	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, 2020, nine bond instruments and one preferred stock instrument from ten issuers did not meet the filing requirements of the Purposes and Procedures Manual of the National Association of Insurance Commissioners (NAIC) Investment Analysis Office. Two instruments were pending submission to the Securities Valuation Office (SVO), two instruments were pending a 2020 private rating letter (PRL), and six instruments were pending 2019 annual financials. Exceptions totaled \$334,069,443 or 0.74% 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]

21. By assigning FE to a Schedule BA non-registered private fund, the reporting entity is certifying the following elements of each self-designated FE fund:

- a. The shares were purchased prior to January 1, 2019.
- b. The reporting entity is holding capital commensurate with the NAIC Designation reported for the security.
- c. The security had a public credit rating(s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO prior to January 1, 2019.
- d. The fund only or predominantly holds bonds in its portfolio.
- e. The current reported NAIC Designation was derived from the public credit rating(s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO.
- f. The public credit rating(s) with annual surveillance assigned by an NAIC CRP has not lapsed.

- Has the reporting entity assigned FE to Schedule BA non-registered private funds that complied with the above criteria? Yes [] No [X]

STATEMENT AS OF MARCH 31, 2020 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 \$ 944,350,556
- 1.13 Commercial Mortgages \$ 31,829,024,244
- 1.14 Total Mortgages in Good Standing \$ 32,773,374,800
- 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 \$ 506,595
- 1.33 Commercial Mortgages \$
- 1.34 Total Mortgages with Interest Overdue more than Three Months \$ 506,595
- 1.4 Long-Term Mortgage Loans in Process of Foreclosure
- 1.41 Farm Mortgages \$
- 1.42 Residential Mortgages \$
- 1.43 Commercial Mortgages \$
- 1.44 Total Mortgages in Process of Foreclosure \$
- 1.5 Total Mortgage Loans (Lines 1.14 + 1.21 + 1.34 + 1.44) (Page 2, Column 3, Lines 3.1 + 3.2) \$ 32,773,881,395
- 1.6 Long-Term Mortgages Foreclosed, Properties Transferred to Real Estate in Current Quarter
- 1.61 Farm Mortgages \$
- 1.62 Residential Mortgages \$
- 1.63 Commercial Mortgages \$
- 1.64 Total Mortgages Foreclosed and Transferred to Real Estate \$
2. Operating Percentages:
- 2.1 A&H loss percent %
- 2.2 A&H cost containment percent %
- 2.3 A&H expense percent excluding cost containment expenses %
- 3.1 Do you act as a custodian for health savings accounts? Yes [] No [X]
- 3.2 If yes, please provide the amount of custodial funds held as of the reporting date \$
- 3.3 Do you act as an administrator for health savings accounts? Yes [] No [X]
- 3.4 If yes, please provide the balance of the funds administered as of the reporting date \$
4. Is the reporting entity licensed or chartered, registered, qualified, eligible or writing business in at least two states? Yes [X] No []
- 4.1 If no, does the reporting entity assume reinsurance business that covers risks residing in at least one state other than the state of domicile of the reporting entity? Yes [] No []

Fraternal Benefit Societies Only:

- 5.1 In all cases where the reporting entity has assumed accident and health risks from another company, provisions should be made in this statement on account of such reinsurances for reserve equal to that which the original company would have been required to establish had it retained the risks. Has this been done? Yes [] No [] N/A []
- 5.2 If no, explain:

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

Date	Outstanding Lien Amount
.....

SCHEDULE S - CEDED REINSURANCE

Showing All New Reinsurance Treaties - Current Year to Date

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

STATEMENT AS OF MARCH 31, 2020 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE T - PREMIUMS AND ANNUITY CONSIDERATIONS

Current Year To Date - Allocated by States and Territories

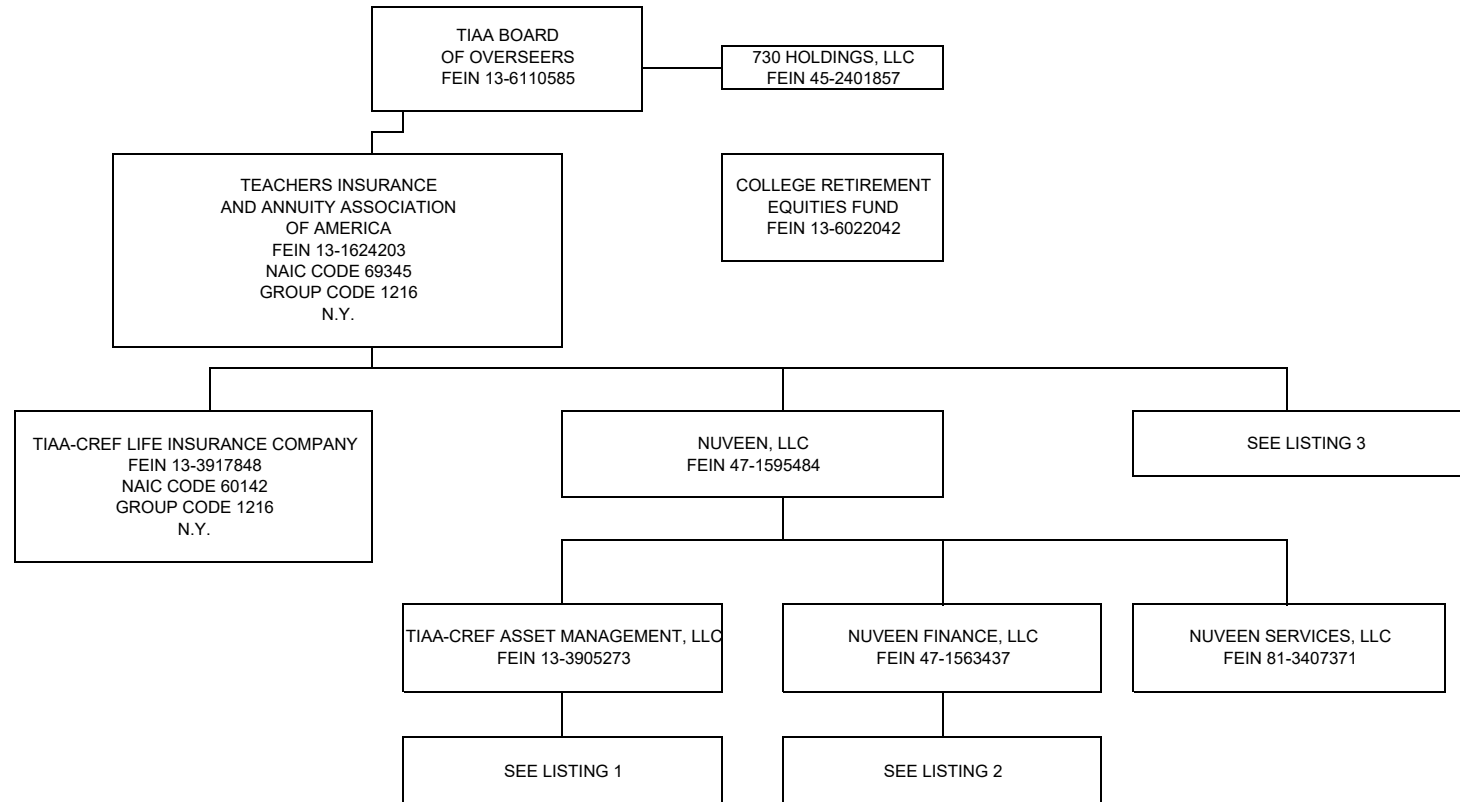
States, Etc.	1	Life Contracts		Direct Business Only			
		2	3	4	5	6	7
	Active Status (a)	Life Insurance Premiums	Annuity Considerations	Accident and Health Insurance Premiums, Including Policy, Membership and Other Fees	Other Considerations	Total Columns 2 Through 5	Deposit-Type Contracts
1. Alabama	AL	L	531,212	42,974,773	44,002	43,549,987	239,475
2. Alaska	AK	L	66,023	5,405,713	2,130	5,473,867	158,696
3. Arizona	AZ	L	546,932	40,050,698	48,841	40,646,471	1,332,702
4. Arkansas	AR	L	389,423	27,167,590	19,608	27,576,620	73,063
5. California	CA	L	3,416,525	242,833,661	145,316	246,395,502	9,222,350
6. Colorado	CO	L	783,712	88,808,742	15,284	89,607,738	1,946,566
7. Connecticut	CT	L	1,202,976	155,088,817	55,813	156,347,606	2,240,326
8. Delaware	DE	L	224,199	11,372,662	9,870	11,606,731	236,545
9. District of Columbia	DC	L	249,430	73,052,664	36,423	73,338,517	171,440
10. Florida	FL	L	1,788,243	143,206,251	213,309	145,207,804	3,947,177
11. Georgia	GA	L	844,460	81,921,122	23,608	82,789,190	1,916,372
12. Hawaii	HI	L	231,282	15,804,028	22,073	16,057,384	1,094,578
13. Idaho	ID	L	112,972	10,770,503	9,603	10,893,079	549,308
14. Illinois	IL	L	1,947,629	162,035,678	180,895	164,164,202	2,365,719
15. Indiana	IN	L	828,275	59,227,193	57,454	60,112,922	983,394
16. Iowa	IA	L	686,753	89,391,718	42,465	90,120,936	768,741
17. Kansas	KS	L	318,498	44,864,564	32,930	45,215,992	421,632
18. Kentucky	KY	L	512,978	32,884,231	35,152	33,432,361	248,211
19. Louisiana	LA	L	374,502	19,856,155	15,946	20,246,603	1,010,890
20. Maine	ME	L	335,648	18,599,331	30,803	18,965,782	215,174
21. Maryland	MD	L	1,935,347	151,533,960	56,716	153,526,023	1,805,735
22. Massachusetts	MA	L	2,779,782	227,222,760	180,594	230,183,136	6,513,223
23. Michigan	MI	L	1,582,620	269,542,702	145,333	271,270,655	1,044,693
24. Minnesota	MN	L	444,082	138,205,696	25,989	138,675,767	1,385,500
25. Mississippi	MS	L	99,880	8,222,527	7,110	8,329,517	311,918
26. Missouri	MO	L	596,638	67,553,363	68,941	68,218,941	2,499,482
27. Montana	MT	L	89,473	3,740,614	2,315	3,832,401	54,370
28. Nebraska	NE	L	302,432	30,709,823	10,504	31,022,758	269,991
29. Nevada	NV	L	218,114	20,303,936	13,690	20,535,739	1,430,773
30. New Hampshire	NH	L	464,469	33,718,033	26,505	34,209,006	1,778,011
31. New Jersey	NJ	L	3,061,334	376,898,798	232,624	380,192,756	3,759,944
32. New Mexico	NM	L	270,429	18,976,256	26,284	19,272,969	(53,871)
33. New York	NY	L	7,059,962	1,098,573,810	392,801	1,106,026,573	9,164,117
34. North Carolina	NC	L	1,407,169	94,660,919	40,948	96,109,036	1,379,016
35. North Dakota	ND	L	120,212	12,441,658	7,172	12,569,042	131,554
36. Ohio	OH	L	1,152,357	161,943,211	79,295	163,174,864	2,780,849
37. Oklahoma	OK	L	328,249	20,817,228	24,803	21,170,280	1,030,127
38. Oregon	OR	L	471,116	33,184,326	30,329	33,685,771	1,183,981
39. Pennsylvania	PA	L	3,399,445	353,645,358	228,590	357,273,392	5,964,200
40. Rhode Island	RI	L	376,433	38,294,145	4,780	38,675,359	234,266
41. South Carolina	SC	L	486,053	25,644,139	5,676	26,135,867	461,121
42. South Dakota	SD	L	105,552	2,980,682	2,559	3,088,792	
43. Tennessee	TN	L	906,492	54,073,098	60,259	55,039,849	1,413,389
44. Texas	TX	L	1,711,562	133,777,671	62,736	135,551,968	994,274
45. Utah	UT	L	317,527	43,086,711	25,915	43,430,153	66,472
46. Vermont	VT	L	293,490	20,187,681	39,200	20,520,371	317,885
47. Virginia	VA	L	1,622,520	120,848,488	146,995	122,618,002	6,539,763
48. Washington	WA	L	819,446	95,338,960	86,740	96,245,146	3,604,878
49. West Virginia	WV	L	292,232	35,309,917	44,593	35,646,742	3,085,684
50. Wisconsin	WI	L	649,424	36,527,090	7,765	37,184,279	766,286
51. Wyoming	WY	L	55,925	8,782,421	2,781	8,841,127	647,662
52. American Samoa	AS	N					
53. Guam	GU	N		4		4	
54. Puerto Rico	PR	L	37,374	6,873,051		6,910,425	975,919
55. U.S. Virgin Islands	VI	L	8,930	696,300		705,230	
56. Northern Mariana Islands	MP	N					
57. Canada	CAN	N	14,805	1,584,237		1,599,042	77,089
58. Aggregate Other Aliens	OT	XXX	20,053	8,948,425		8,968,478	201,242
59. Subtotal	XXX		48,892,599	5,120,164,087	3,132,070	5,172,188,756	90,961,901
90. Reporting entity contributions for employee benefits plans	XXX			33,675,870		33,675,870	
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		2,136,948			2,136,948	
94. Aggregate or other amounts not allocable by State	XXX						
95. Totals (Direct Business)	XXX		51,029,547	5,153,839,957	3,132,070	5,208,001,574	90,961,901
96. Plus Reinsurance Assumed	XXX						
97. Totals (All Business)	XXX		51,029,547	5,153,839,957	3,132,070	5,208,001,574	90,961,901
98. Less Reinsurance Ceded	XXX		48,036		3,131,054	3,179,090	
99. Totals (All Business) less Reinsurance Ceded	XXX		50,981,511	5,153,839,957	1,016	5,204,822,484	90,961,901
DETAILS OF WRITE-INS							
58001. ZZZ Other Alien	XXX		20,053	8,948,425		8,968,478	201,242
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		20,053	8,948,425		8,968,478	201,242
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, 2020 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, 2020 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA
SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP

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

PART 1 - ORGANIZATIONAL CHART

COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP
L&C Special Member Holdco, LLC	81-1272900	SUBSIDIARY	Nuveen Alternative Holdings, LLC (continued)			Nuveen Alternative Holdings, LLC (continued)		
GTR Special Member Holdco LLC	46-3889185	SUBSIDIARY	Nuveen Alternatives Services, LLC	45-4288091	SUBSIDIARY	Nuveen Real Estate Property Holdings L.L.C.	06-1217855	SUBSIDIARY
TIAA International GP LLC	81-4329253	SUBSIDIARY	Nuveen Global Farmland Fund GP, LLC	84-1819349	SUBSIDIARY	Casa Partners VI GP, LLC	30-0734692	SUBSIDIARY
TIAA-CREF Investment Management, LLC	13-3586142	SUBSIDIARY	TIAA European Farmland Fund GP LP	98-1310748	SUBSIDIARY (4)	Casa Partners VII GP, LLC	47-5190671	SUBSIDIARY
Nuveen Alternative Holdings, LLC	46-3870972	SUBSIDIARY	TCAS Global Investments LLC	47-1515836	SUBSIDIARY	CASA Partners VIII GP, LLC	82-4363605	SUBSIDIARY
AGR Partners LLC	81-1487545	SUBSIDIARY	Nuveen Global Farmland Fund GP, LLC	84-1819349	SUBSIDIARY	Global Investors GP, L.L.C.	36-4477806	SUBSIDIARY
AGR Services LLC	36-4853278	SUBSIDIARY (1)	Nuveen Global Farmland Fund Lux GP S.à.r.l.		SUBSIDIARY	Global Investors GP II, L.L.C.	20-2537749	SUBSIDIARY
TGAM Agribusiness Fund GP LLC	81-1870559	SUBSIDIARY	Nuveen International Holdings LLC	26-2719001	SUBSIDIARY	Global Investors GP IV, L.L.C.	20-3070768	SUBSIDIARY
Nuveen Agribusiness Fund III GP, LLC	83-4329253	SUBSIDIARY	Nuveen Canada Company		SUBSIDIARY	Nuveen Real Estate Global LLC	81-4282460	SUBSIDIARY
AGR Services LLC	36-4853278	SUBSIDIARY (1)	Nuveen Investments Canada Co.		SUBSIDIARY	Nuveen Global Investments LLC	26-2748598	SUBSIDIARY
Beaver Investments Holdings, LLC	45-5558395	SUBSIDIARY	Nuveen Japan Co., Limited		SUBSIDIARY	Nuveen GP Holding Company LLC	82-2986445	SUBSIDIARY
Greenwood Resources Inc.	80-0026976	SUBSIDIARY	Nuveen UK Limited		SUBSIDIARY	Nuveen CRED GP Member LLC	82-4598778	SUBSIDIARY
Greenwood Resources Brasil, Ltda.	45-1875074	SUBSIDIARY (2)	TGAM Subsidiary HC LLC	81-4349631	SUBSIDIARY	CRED GP LLC	82-3751720	SUBSIDIARY
GreenWood Resources Capital Management, LLC	45-1875074	SUBSIDIARY	TGAM APAC LLC	81-4290269	SUBSIDIARY (5)	U.S. Cities Office Fund GP LLC		SUBSIDIARY
GWR-GTFF Investment, LLC	20-8955976	SUBSIDIARY	Nuveen Hong Kong Limited		SUBSIDIARY (6)	U.S. Cities Office Fund LP		SUBSIDIARY
GWR International Ltd.		SUBSIDIARY	TGAM Asia LLC	81-4306975	SUBSIDIARY (7)	U.S. Cities Office Fund REIT LLC	61-1914684	SUBSIDIARY
GreenWood Resources China Ltd.	98-0595429	SUBSIDIARY	TIAA International APAC LLC	81-4499397	SUBSIDIARY (8)	U.S. Cities Office Fund Operating GP LLC		SUBSIDIARY
GWR SA, Ltd.		SUBSIDIARY	TGAM HK HC LLC	81-4323796	SUBSIDIARY (6)	USCOF Maryland Farms Holdings LLC		SUBSIDIARY
GreenWood Resources Chile, S.A.	98-1016332	SUBSIDIARY	TIAA International Subsidiary HC LLC	81-4390558	SUBSIDIARY	U.S. Cities Office Fund Maryland Farms Co-Invest		SUBSIDIARY (10)
GreenWood Resources Poland sp z.o.o.	98-1016335	SUBSIDIARY	TGAM HK HC LLC	81-4323796	SUBSIDIARY (6)	VRE-NRE Maryland Farms Venture		SUBSIDIARY
Greenwood Resources Forest Management, LLC	47-4557075	SUBSIDIARY	TIAA International APAC LLC	81-4499397	SUBSIDIARY (8)	U.S. Cities Retail Fund GP LLC	82-4054235	SUBSIDIARY
Greenwood Resources Brasil, Ltda.		SUBSIDIARY (2)	TGAM APAC LLC	81-4290269	SUBSIDIARY (5)	U.S. Cities Multifamily Fund GP LLC	35-2633108	SUBSIDIARY
GWR Uruguay S.A.		SUBSIDIARY	TGAM Asia LLC	81-4306975	SUBSIDIARY (7)	Nuveen Permian Investor Asset Manager Member LLC	81-5466715	SUBSIDIARY
Greenwood Resources Colombia SAS		SUBSIDIARY	TIAA International APAC LLC	81-4499397	SUBSIDIARY (8)	Permian Investor Asset Manager LLC	82-0631410	SUBSIDIARY
CAM HR Resources LLC	36-4851864	SUBSIDIARY (3)	TIAA International APAC LLC	81-4499397	SUBSIDIARY (8)	Nuveen Permian Investor GP Member LLC	82-0607358	SUBSIDIARY
Churchill Asset Management LLC	47-3156644	SUBSIDIARY	TGAM APAC LLC	81-4290269	SUBSIDIARY (5)	Permian Investor GP LLC	81-5433582	SUBSIDIARY
CAM HR Resources LLC	36-4851864	SUBSIDIARY (3)	TGAM Asia LLC	81-4306975	SUBSIDIARY (7)	Nuveen Real Estate Global Cities Advisors LLC	82-3426937	SUBSIDIARY
Churchill Agency Services LLC	82-3187734	SUBSIDIARY	TIAA International APAC LLC	81-4499397	SUBSIDIARY (8)	Nuveen Real Estate Project Management Services LLC	84-2502695	SUBSIDIARY
Churchill Feeder Fund GP II S.a.r.l.		SUBSIDIARY	TIAA International Asia LLC	81-4359164	SUBSIDIARY (9)	TIAA International Holdings 1 Limited	46-1162850	SUBSIDIARY
Churchill Fund GP II LLC	83-1177850	SUBSIDIARY	Nuveen Junior Capital Opportunities Fund GP S.à.r.l.		SUBSIDIARY	Nuveen Real Estate Limited	98-1125673	SUBSIDIARY (11)
Churchill Fund GP II Sarl	98-1449979	SUBSIDIARY	Nuveen Real Estate NYC Property Fund GP Member LLC	82-4266474	SUBSIDIARY	TIAA International Holdings 2 Limited	46-1163394	SUBSIDIARY
Churchill Special Member LLC	82-0735838	SUBSIDIARY	New York City Property Fund GP LLC	82-4213248	SUBSIDIARY	TIAA International Holdings 3 Limited		SUBSIDIARY
Churchill Warehouse LLC	82-3784145	SUBSIDIARY	NYC Property Fund II (C) Pooling LP	84-4343117	SUBSIDIARY	Nuveen Real Estate Limited	98-1125673	SUBSIDIARY (11)
Nuveen Churchill Administration LLC		SUBSIDIARY	New York City Property Fund II (C) LP		SUBSIDIARY	Nuveen Administration Ltd	98-1127648	SUBSIDIARY
TGAM Churchill Fund GP LLC	81-1817732	SUBSIDIARY	New York City Property Fund II (T) LP	83-2335230	SUBSIDIARY	Nuveen Europe Holdings Limited	98-1128805	SUBSIDIARY
Global AG AIV (CN) GP, LLC	45-5044435	SUBSIDIARY	NYC Property Fund II (C) Blocker 1 LLC	84-4342507	SUBSIDIARY	Nuveen Alternatives Europe S.à.r.l.		SUBSIDIARY
Global Agriculture AIV (CN), LP	45-5044681	SUBSIDIARY	NYC Property Fund (T) Blocker 1, LLC	83-4678924	SUBSIDIARY	Nuveen Asset Management Europe S.à.r.l.		SUBSIDIARY
Global Ag II AIV GP LLC	47-1192644	SUBSIDIARY	NYC Property Fund Pooling LP	83-4671194	SUBSIDIARY	Nuveen Fund (Europe) Management S.à.r.l.		SUBSIDIARY
Global Agriculture II AIV LP	47-1197292	SUBSIDIARY	NYC Property Fund SPV 1 LLC	83-4653622	SUBSIDIARY	Nuveen Fund Management (Jersey) Limited		SUBSIDIARY
GTR Investor Fund GP LLC	47-1208361	SUBSIDIARY	NYC Property Fund SPV 2 LLC	83-4701919	SUBSIDIARY	Nuveen Fund Management Vanquish (Jersey) Limited		SUBSIDIARY
NAP Investors GP, LLC	83-2245173	SUBSIDIARY	Nuveen Real Estate U.S. Strategic Industrial Fund I GP, LLC	81-2388576	SUBSIDIARY	Nuveen Fund Management Vanquish II (Jersey) Limited		SUBSIDIARY
NCBCD Holdings LLC		SUBSIDIARY	TCGA BT AIV, LLC	46-5367344	SUBSIDIARY	Asia Pacific Cities Management S.à.r.l.		SUBSIDIARY
Nuveen Churchill Advisors LLC		SUBSIDIARY	TCGA Investor Fund GP, LLC	45-5139523	SUBSIDIARY	Nuveen Management AIFM Limited		SUBSIDIARY
Nuveen Alternatives Advisors, LLC	45-4288013	SUBSIDIARY	TCGA II Investor Fund GP, LLC	47-3511076	SUBSIDIARY	Nuveen Management Company (Luxembourg) No 1 S.à.r.l.		SUBSIDIARY
TPS Investors GP, LLC		SUBSIDIARY	TGAM International GP LLC	81-4330570	SUBSIDIARY	Nuveen Property Management (Jersey) Limited		SUBSIDIARY
						Nuveen Real Estate Services GmbH (Austria)		SUBSIDIARY

12.1

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

STATEMENT AS OF MARCH 31, 2020 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA
SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP

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

PART 1 - ORGANIZATIONAL CHART

LISTING 2 (NUVEEN FINANCE, LLC):

COMPANY	FEIN	RELATIONSHIP
Nuveen Alternative Holdings, LLC (continued)		
Nuveen FCAO Ltd	98-1128787	SUBSIDIARY
Nuveen Real Estate Management Ltd		SUBSIDIARY
Nuveen Shopping Centre Verwaltungs GmbH		SUBSIDIARY
TIAA-CREF Asset Management UK Ltd	98-0582851	SUBSIDIARY
Nuveen Group Holdings Ltd	98-1127632	SUBSIDIARY
Anglo-Sino Henderson Investment Consultancy (Beijing) Co Limited		SUBSIDIARY
AREFM (BVI) Limited		AFFILIATE
CLOF II (GP) Limited		SUBSIDIARY
CLOF II Vanquish Limited		SUBSIDIARY
CLOF II (No 1 GP) Limited		SUBSIDIARY
CLOF II (Not Nominee) Limited		SUBSIDIARY
CLOF II (No 2 GP) Limited		SUBSIDIARY
CLOF II (No 3 GP) Limited	98-1165678	SUBSIDIARY
Enhanced Debt Carry (GP) S.à.r.l		SUBSIDIARY
ERES APAC II (GP) S.à.r.l		SUBSIDIARY
ERES Europe II (GP) S.à.r.l		SUBSIDIARY
European Cities Partnership (GP) S.à.r.l		SUBSIDIARY
European Cities Partnership SCSp		AFFILIATE (12)
Islazul General Partner S.a.r.l.		SUBSIDIARY
Matador LP General Partner Limited		SUBSIDIARY
Nuveen Consulting (Shanghai) Co Ltd		SUBSIDIARY
Nuveen Corporate Secretarial Services Limited		SUBSIDIARY
Nuveen (France) SAS		SUBSIDIARY
Nuveen Immobilien GmbH		AFFILIATE
Nuveen Italy Srl		SUBSIDIARY
Nuveen Management Austria GmbH		SUBSIDIARY
Nuveen Management Finland Oy		SUBSIDIARY
Nuveen Operations Limited		SUBSIDIARY
Nuveen Real Estate (Australia) Ltd.		SUBSIDIARY
Nuveen Real Estate Debt Partners (GP) Sarl		SUBSIDIARY
Nuveen Real Estate Debt Partners II (GP) S.à.r.l		SUBSIDIARY
Global Real Estate Debt Partners – Fund II (UK) SCSp		AFFILIATE (13)
Nuveen Real Estate Nominees Limited		SUBSIDIARY
Nuveen Singapore Private Limited		SUBSIDIARY
OMP (GP) Limited		SUBSIDIARY
T-C Lux Investments GP S.à.r.l		SUBSIDIARY
TH Real Estate Limited		SUBSIDIARY
TIAA-CREF Luxembourg S.à.r.l	98-1014834	SUBSIDIARY
Tokyo Multifamily GP PTE Ltd		SUBSIDIARY
UK OM (LP1) (GP) Limited		SUBSIDIARY
UK OM (LP1) Limited		SUBSIDIARY
UK OM (LP2) (GP) Limited		SUBSIDIARY
UK OM (LP2) Limited		SUBSIDIARY
UK OM (LP3) (GP) Limited		SUBSIDIARY
UK OM (LP3) Limited		SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
Nuveen Alternative Holdings, LLC (continued)		
TIAA Global Ag Special Member LLC	45-1532009	SUBSIDIARY
TIA Global Ag II Special Member LLC	81-1749609	SUBSIDIARY
T-C U.S. Super Regional Mail Fund GP LLC	47-3126089	SUBSIDIARY
U.S. Cities Fund GP, LLC	20-1394681	SUBSIDIARY
U.S. Cities Industrial CPF Fund GP LLC	81-3647870	SUBSIDIARY
U.S. Cities Industrial Fund GP LLC		SUBSIDIARY
U.S. Cities Multifamily CPF Fund GP LLC	81-3698954	SUBSIDIARY
U.S. Cities Office CPF Fund GP LLC	81-3734470	SUBSIDIARY
U.S. Cities Retail CPF Fund GP LLC	81-3493929	SUBSIDIARY
Westchester Group Investment Management Holding Company, Inc.	27-3416812	SUBSIDIARY
Westchester Group Investment Management, Inc.	27-3417683	SUBSIDIARY
Plata Wine Partners, LLC	87-0735518	SUBSIDIARY
Terra Land Co.	37-1261935	SUBSIDIARY
The Plata Wine Partners Trust	37-6589484	SUBSIDIARY
Westchester Group Asset Management, Inc.	37-1193972	SUBSIDIARY
Westchester Group Farm Management, Inc.	37-1193973	SUBSIDIARY
Westchester Group of Europe Ltd.		SUBSIDIARY
Westchester Group SRL		SUBSIDIARY (14)
Westchester Group of Poland Sp. Z.o.o.		SUBSIDIARY
Westchester Group SRL		SUBSIDIARY (14)
Westchester Group Real Estate, Inc.	37-1194491	SUBSIDIARY
Westchester Group South America Gestao de Investimentos Ltda.		SUBSIDIARY (15)
Westchester Group South America Gestao de Investimentos Ltda.		SUBSIDIARY (15)
Westchester NGFF Investment LLC	84-3766552	SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
Nuveen Holdings 1, Inc.	81-3425820	SUBSIDIARY
Nuveen Holdings, Inc.	26-0373324	SUBSIDIARY
Nuveen Investments, Inc.	36-3817286	SUBSIDIARY
Gresham Asset Management LLC	26-0627593	SUBSIDIARY
Gresham Investment Management LLC	20-1930384	SUBSIDIARY
Gresham Investment Management Asia Pte. Ltd.		SUBSIDIARY
Nuveen Alternative Investments, LLC	36-4839486	SUBSIDIARY
Nuveen Capital Markets LLC	83-3751978	SUBSIDIARY
Nuveen Fund Advisors, LLC	31-0942504	SUBSIDIARY
Symphony Alternative Asset Management LLC	83-4025630	SUBSIDIARY
Nuveen Asset Management, LLC	27-4357327	SUBSIDIARY
Nuveen WCM Holdings, LLC	37-1695518	SUBSIDIARY
NIS/R&T, Inc.	36-3293941	SUBSIDIARY
Winslow Capital Management, LLC	90-0860898	SUBSIDIARY
Nuveen NWQ Holdings, LLC	36-4709028	SUBSIDIARY
NWQ Partners, LLC	30-0892190	SUBSIDIARY
Nuveen Securities, LLC	36-2639476	SUBSIDIARY
Santa Barbara Asset Management, LLC	20-3432117	SUBSIDIARY
Symphony Asset Management LLC	94-3252504	SUBSIDIARY (16)
Nuveen Investments Holdings, Inc.	36-7364377	SUBSIDIARY
Symphony Asset Management LLC	94-3252504	SUBSIDIARY (16)
Symphony Risk Retention Finance LLC		SUBSIDIARY
SRR 1 LLC	30-1032009	SUBSIDIARY
Teachers Advisors, LLC	13-3760073	SUBSIDIARY
Colinvest Member LLC	82-1157427	SUBSIDIARY
CLO Colinvest I LLC		SUBSIDIARY

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

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

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

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

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

STATEMENT AS OF MARCH 31, 2020 OF THE 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:

COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP
485 Properties, LLC	13-3987258	SUBSIDIARY	730 Transmission, LLC		SUBSIDIARY	Global Real Estate Debt Partners – Fund II (UK) SCSp		AFFILIATE (13)
TCP Associates, LLC	16-1735872	SUBSIDIARY	730 Hotspur, LLC		SUBSIDIARY	Gresham CMS Fund, LLC	20-1930384	SUBSIDIARY
730 Data Centers, LLC	47-2616735	SUBSIDIARY	Premiere Agricultural Properties, LLC	37-1555322	SUBSIDIARY	Ceres Agricultural Properties, LLC	81-3000871	SUBSIDIARY
730 Aviator, LLC	82-0793232	SUBSIDIARY	Loma del Rio Vineyards, LLC	80-0843991	SUBSIDIARY (19)	Growth Capital Fund I, L.P.	81-0737062	SUBSIDIARY
730 Databridge, LLC	81-3106043	SUBSIDIARY	Premiere Columbia Properties, LLC	36-4820107	SUBSIDIARY	Growth Capital Fund II, L.P.		SUBSIDIARY
730 Power Development, LLC	47-2616735	SUBSIDIARY	Premiere Farm Properties, LLC	30-0449681	SUBSIDIARY	Premiere China Value Fund, L.P.		SUBSIDIARY
730 Carroll, LLC	47-2622825	SUBSIDIARY	Demeter Agricultural Properties II, LLC	26-3484719	SUBSIDIARY	IC Partners Onshore Fund		SUBSIDIARY
730 Cricket, LLC	47-3363027	SUBSIDIARY	IAI Australia Pty., Ltd.		SUBSIDIARY	Inception GP LLC		SUBSIDIARY
730 Texas Forest Holdings, Inc.	13-4042885	SUBSIDIARY	IAI Australia Trust		SUBSIDIARY	Inception Partners IV, LP	46-2031403	AFFILIATE
730 Texas Timberlands II, Ltd.	51-0494351	SUBSIDIARY (17)	International Agricultural Investors Fund II, LLC	26-2745365	SUBSIDIARY	Inception Partners V, LP	46-2062147	AFFILIATE
730 Texas Timberlands I, Ltd.	13-4042888	SUBSIDIARY (18)	IAI Australia Fund II, Pty., Ltd.		SUBSIDIARY	Infra Alpha, LLC	27-4149157	SUBSIDIARY
730 Texas Timberlands II, Ltd.	51-0494351	SUBSIDIARY (17)	International Agricultural Investors Fund II, LLC	26-2745365	SUBSIDIARY	L&C Tree Farms, LLC	27-3900641	AFFILIATE
TIAA Timberlands I, LLC	13-4040842	SUBSIDIARY (18)	IAI USA, LLC	26-0460488	SUBSIDIARY	L&C Log Co, LLC	47-4187541	SUBSIDIARY
TIAA Timberlands II, LLC	13-4085431	SUBSIDIARY	IAI USA Fund II, LLC	26-2747755	SUBSIDIARY	L&C TRS LLC	47-5300478	SUBSIDIARY
Actoil, LLC	38-3847245	SUBSIDIARY	Churchill Middle Market CLO IV Ltd.	98-1402136	SUBSIDIARY	Liberty M & R SPV II, LP	27-2007833	SUBSIDIARY
Great Western Petroleum LLC		AFFILIATE	Churchill Middle Market Senior CLO Fund, LP	81-1810508	SUBSIDIARY	Radar Propriedades Agricolas S.A.		SUBSIDIARY (22)
Almond Processors, LLC	45-2285816	SUBSIDIARY	CPF/UIR JV Member LLC	81-2914954	SUBSIDIARY	Nova Amaralina S.A. Propriedades Agricolas		SUBSIDIARY
ASC Holdings, LLC		AFFILIATE	CPF/UIR Joint Venture LLC	81-2928112	SUBSIDIARY	Nova Agricola Ponte Alta S.A.		SUBSIDIARY
BRE Jupiter Holdco UT DC, LLC		SUBSIDIARY	CPF 636 Sixth Avenue LLC	81-2955427	SUBSIDIARY	Nova Santa Barbara Agricola S.A.		SUBSIDIARY
BRE Jupiter Mezz 2 UT DC, LLC		SUBSIDIARY	T-C 636 Sixth Avenue Retail LLC	47-2264739	SUBSIDIARY	Terras da Ponte Alta S.A.		SUBSIDIARY
BRE Jupiter Mezz 1 UT DC, LLC		SUBSIDIARY	CPF 856 Market Street LLC	81-2982618	SUBSIDIARY	Radar II Propriedades Agricolas S.A.		AFFILIATE
BRE Jupiter UT DC, LLC		SUBSIDIARY	CPF 1511 Third Avenue LLC	81-2973332	SUBSIDIARY	Proud Participacoes S.A.		AFFILIATE
BRE Jupiter Holdco Agave DC, LLC		SUBSIDIARY	T-C 1608 Chestnut General Partner LLC		SUBSIDIARY	Radar Propriedades Agricolas S.A.		AFFILIATE (22)
BRE Jupiter Mezz 2 Agave DC, LLC		SUBSIDIARY	1608 Chestnut Partners LP		SUBSIDIARY (20)	Vale De Ponte Alta S.A.		AFFILIATE
BRE Jupiter Mezz 1 Agave DC, LLC		SUBSIDIARY	T-C 1608 Chestnut Limited Partner LLC		SUBSIDIARY	Bioinvestments Negocios e Participacoes		AFFILIATE
Broadleaf Timberland Investments, LLC	46-1952974	SUBSIDIARY	1608 Chestnut Partners LP		SUBSIDIARY (20)	Agua de Ponte Alta S.A.		AFFILIATE
Quercus Forestland Account, LLC	26-4647417	SUBSIDIARY	Demeter Agricultural Properties, LLC	26-3049305	SUBSIDIARY	MM Funding, LLC	13-1624203	SUBSIDIARY
Quercus Panama, LLC		SUBSIDIARY	Dionysus Properties, LLC	45-2632248	SUBSIDIARY	MyVest Corporation	47-0902011	SUBSIDIARY
Quercus Algoma Corporation		SUBSIDIARY	Silverado Premium Properties, LLC	94-3306131	SUBSIDIARY	NGFF Holdco, LLC	84-2320652	SUBSIDIARY
Quercus Algoma Land Corporation		SUBSIDIARY	Arroya Loma, LLC	68-0436609	SUBSIDIARY	Nuveen Global Farmland Fund, LP	84-1895540	SUBSIDIARY
Quercus West Virginia, LLC	46-2916514	SUBSIDIARY	Chalk Ridge Vineyard, LLC	75-3025596	SUBSIDIARY	Global Farmland US Properties, LLC	84-1834824	SUBSIDIARY
Casa Student Housing Fund Holdings, LLC	47-2167228	SUBSIDIARY	Hobson Avenue Vineyard, LLC	20-3964695	SUBSIDIARY	US Horticulture Farmland, LLC	84-1857338	SUBSIDIARY
Shf-33d North Apts, LLC	47-3994280	SUBSIDIARY	Marsino Vineyard, LLC	26-1542713	SUBSIDIARY	US Row Farmland, LLC	84-1842298	SUBSIDIARY
Shf-Illumium One Apts, LLC	47-4156469	SUBSIDIARY	Silverado Los Alamos Vineyards, LLC	20-2103733	SUBSIDIARY	Nuveen High Yield Municipal Opportunities Fund LP		SUBSIDIARY
Shf-The Rocks Apts, LLC	81-2450195	SUBSIDIARY	Silverado Sonoma Vineyard, LLC	20-2103788	SUBSIDIARY	Nuveen Municipal Opportunities Fund LP		SUBSIDIARY
PEP-TH CASA Student Housing, LLC	47-4455610	SUBSIDIARY	SPP Napa Vineyards, LLC	68-0466083	SUBSIDIARY	Nuveen Real Estate U.S. Strategic Industrial Fund I LP		SUBSIDIARY
CSHF-PEP Purdue LLC	47-4455303	SUBSIDIARY	Stanly Ranch Vineyards, LLC	94-3361818	SUBSIDIARY	Occator Agricultural Properties, LLC	81-2429791	SUBSIDIARY
CSHF-PEP USF LLC	30-0965548	SUBSIDIARY	Suscol Mountain Vineyards, LLC	26-3774024	SUBSIDIARY	AGR Agricultural Investments, LLC	26-4750562	SUBSIDIARY
CCM Series, LLC	13-624203	SUBSIDIARY	Terra Ventosa Vineyards, LLC	26-2766605	SUBSIDIARY	Ridley Corporation Limited	46-1768869	AFFILIATE
CCAP Fund 6 - 2015, L.P.	47-4069196	SUBSIDIARY	Silverado Winegrowers Holdings, LLC	43-3997217	SUBSIDIARY	Mandala Food Co-Investment Holdings II SPV		SUBSIDIARY
CCAP Fund 6 - 2016, L.P.	81-1205888	SUBSIDIARY	Silverado Winegrowers LLC	68-0443927	SUBSIDIARY	Materra, LLC		AFFILIATE
CCAP Fund 6 - 2017, L.P.	81-4732595	SUBSIDIARY	Alta Loma Vineyard, LLC	94-3357571	SUBSIDIARY	Teays River Investments, LLC	45-1125143	AFFILIATE
CCAP Fund 6 - 2018, L.P.	82-3167398	SUBSIDIARY	Oak Knoll Napa Vineyards, LLC	94-3312405	SUBSIDIARY	Oleum Holding Company, Inc.	26-4621336	SUBSIDIARY
CCAP Fund 6 - 2019, L.P.	83-2787412	SUBSIDIARY	Silverado Suscol, LLC	91-1806950	SUBSIDIARY	2234328 Alberta ULC		SUBSIDIARY
CCAP Fund 8 - 2015, L.P.	47-4079472	SUBSIDIARY	SWG Paso Vineyard, LLC	45-4820104	SUBSIDIARY	Adastra Management, Inc.		SUBSIDIARY
CCAP Fund 8 - 2017, L.P.	81-3718876	SUBSIDIARY	Distressed Opportunities Fund, LP		SUBSIDIARY	Nova Star Oil and Gas Inc.		SUBSIDIARY
CCAP Fund 8 - 2018, L.P.	82-3182368	SUBSIDIARY	DWM Inclusive Finance Equity Fund II		AFFILIATE	Polar Star Canadian Oil and Gas Holding, Inc.	26-4248572	SUBSIDIARY
CCAP Fund 8 - 2019, L.P.	83-2793857	SUBSIDIARY	DWM Microfinance Equity Fund I	98-0580879	AFFILIATE	Pinnacle Third Avenue, LP	26-3821015	AFFILIATE
CCAP Fund GE, L.P.	81-0784669	SUBSIDIARY	Envisage Information Systems, LLC	04-3718449	SUBSIDIARY	Primary Residential Individual Mortgage Entity Trust	81-6646838	SUBSIDIARY
CCAP Fund HFD, L.P.	81-0821374	SUBSIDIARY	EPP LFG I, LLC	30-0701953	AFFILIATE			
CCAP Fund HFND, L.P.	81-0758188	SUBSIDIARY	Global Real Estate Debt Partners – Fund I (UK)		SUBSIDIARY (21)			

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

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

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

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

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

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

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

STATEMENT AS OF MARCH 31, 2020 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
ND Properties, Inc.	11-3034756	SUBSIDIARY	ND Properties, Inc. (continued)			New York City Property Fund II LP	82-4183425	SUBSIDIARY
Norteshopping Retail and Leisure Centre BV		SUBSIDIARY	60 Great Portland Street Unit Trust		AFFILIATE (28)	New York City Property Fund REIT LLC	83-4678924	SUBSIDIARY
Norteshopping - Centre Commercial S.A.		SUBSIDIARY	SMA Holding S.à r.l.		AFFILIATE	New York City Property Fund Operating LP	83-4701913	SUBSIDIARY
ND Europe S.à r.l.		SUBSIDIARY	70 St Mary Axe Unit Trust		AFFILIATE (29)	125 West End Investors LLC	84-3388831	SUBSIDIARY
ND Europe Office Holding S.à r.l.		SUBSIDIARY	HV Freshhold S.à r.l.		AFFILIATE	125 West End Associates LLC	83-4653622	SUBSIDIARY
Cityhold Nympe S.à r.l.		AFFILIATE (23)	TIAA Lux 9 S.à r.l.		AFFILIATE	Renewable Timber Netherlands B.V.	45-2792614	SUBSIDIARY
Cityhold Propco 11 S.à r.l.		AFFILIATE	SAS Malachite		AFFILIATE (24)	Topola Lasy Spolka z.o.o.	61-1640765	SUBSIDIARY
Cityhold Euro S.à r.l.		AFFILIATE	SNC Garnet-TIAA		AFFILIATE	Renewable Timber Resources, LLC	03-0543113	SUBSIDIARY
Cityhold Office Partnership S.à r.l.		AFFILIATE	SNC La Defense		AFFILIATE	Siguler Guff Third Avenue, L.P.	61-154745	SUBSIDIARY
CHOP OPCl		AFFILIATE	SNC Lazuli		AFFILIATE	Social Infra, LLC	46-3922951	SUBSIDIARY
Cityhold Iconic Holding SAS	98-1435873	AFFILIATE	T-C Neuperlach Development S.à r.l.		SUBSIDIARY	T-C 20 Hunter Street (US), LLC	81-2525521	SUBSIDIARY
Cityhold Iconic Hotel SNC	98-1433967	AFFILIATE	T-C Pep Holding S.à r.l.		SUBSIDIARY	T-C 400 Montgomery, LLC	27-4123754	SUBSIDIARY
Cityhold Iconic Office SCI	98-1433956	AFFILIATE	T-C Pep Property S.à r.l.		SUBSIDIARY	T-C 685 Third Avenue Member, LLC	27-3095569	SUBSIDIARY
Cityhold Iconic Retail SNC	98-1433960	AFFILIATE	T-C Pep Asset S.à r.l.		SUBSIDIARY	T-C 685 Third Avenue, LLC	61-1754745	SUBSIDIARY
Cityhold Nympe S.à r.l.		AFFILIATE (23)	TIAA Lux 11 S.à r.l.		SUBSIDIARY	T-C 685 Third Avenue Owner LLC	46-4969690	SUBSIDIARY
Cityhold Propco 6 S.à r.l.		AFFILIATE	Gropius Passagen Venatlungs GmbH		SUBSIDIARY (30)	T-C 699 Bourke Street LLC	81-2490530	SUBSIDIARY
Cityhold Iconic Hotel OPCO SAS	98-1433939	AFFILIATE	Gropius Passagen GmbH & Co KG		SUBSIDIARY	T-C Australia RE Holdings I, LLC	81-2506975	SUBSIDIARY
Cityhold Iconic Investment S.à r.l.	98-1435880	AFFILIATE	Gropius S.à r.l.		SUBSIDIARY	T-C Australia RE Holdings II, LLC		SUBSIDIARY
Cityhold Propco 9 S.à r.l.		AFFILIATE	Gropius Passagen GmbH & Co KG		SUBSIDIARY (30)	TIAA Australia Real Estate Trust		SUBSIDIARY
36 Rue La Fayette SAS		AFFILIATE	TIAA Lux 5 S.à r.l.		SUBSIDIARY	TIAA Melbourne Retail Holding 1 Trust		SUBSIDIARY
SAS Roosevelt		AFFILIATE	Erlangen Arcaden GmbH & Co. KG		SUBSIDIARY	TGA Miller Street Trust		SUBSIDIARY
SNC Roosevelt		AFFILIATE (25)	U.S. Cities Fund, LP	20-1371171	SUBSIDIARY	TIAA Melbourne Retail Holding 1 Trust		SUBSIDIARY
Roosevelt Participation S.à r.l.		AFFILIATE	U.S. Cities Fund REIT, LLC	20-1371379	SUBSIDIARY	TIAA Melbourne Retail Asset 1 Trust		SUBSIDIARY
SNC Roosevelt		AFFILIATE (25)	U.S. Cities Fund Operating GP, LLC	20-1364650	SUBSIDIARY	TGA Australia Real Estate Trust 2		SUBSIDIARY
Courcelles 70 SAS		AFFILIATE	U.S. Cities Fund Operating, LP	20-1371235	SUBSIDIARY (24)	TGA PBSA Hold Trust		SUBSIDIARY
Cityhold Euro S.à r.l.		AFFILIATE	T-C Falls Center Townhouses LLC	46-5061808	SUBSIDIARY	TGA PBSA Asset Trust 1		SUBSIDIARY
Cityhold Propco 7 S.à r.l.		AFFILIATE	T-C King Street Station LLC	26-1700245	SUBSIDIARY	TGA PBSA Asset Trust 2		SUBSIDIARY
Cityhold Propco 10 S.à r.l.		AFFILIATE	T-C Trio Apartments LLC	45-2992182	SUBSIDIARY	TGA PBSA Asset Trust 3		SUBSIDIARY
Cityhold Gouden Bocht B.V.		AFFILIATE	U.S. Cities Industrial CPF Fund LP	81-3738136	SUBSIDIARY	TGA PBSA Asset Trust 4		SUBSIDIARY
Cityhold Gouden Bocht Monumenten B.V.		AFFILIATE	U.S. Cities Industrial CPF Fund REIT LLC	81-3681230	SUBSIDIARY	T-C Europe Holding Inc.	47-2369576	SUBSIDIARY (31)
Redevelopment Property II B.V.	98-1438380	AFFILIATE	U.S. Cities Industrial CPF Fund Operating GP LLC	81-3671343	SUBSIDIARY	T-C Europe LP	47-2369576	SUBSIDIARY (31)
Cityhold Propco 12 S.à r.l.		AFFILIATE	U.S. Cities Industrial CPF Fund Operating LP	81-3757117	SUBSIDIARY	T-C Europe LP		SUBSIDIARY
Cityhold EST Investment S.à r.l.		AFFILIATE	U.S. Cities Multifamily CPF Fund LP	81-3765537	SUBSIDIARY	T-C Europe S.à r.l.		SUBSIDIARY
Cityhold Prinses Coöperatief U.A.		AFFILIATE	U.S. Cities Multifamily CPF Fund REIT LLC	81-3870674	SUBSIDIARY	Nightingale LuxCo S.à r.l.		SUBSIDIARY
Cityhold Prinses AcquiCo Coöperatief BV		AFFILIATE	U.S. Cities Multifamily CPF Fund Operating LP	81-3794611	SUBSIDIARY	T-C Nordios Investment AB		SUBSIDIARY
Arc Portfolio Owner Prinses B.V.		AFFILIATE	U.S. Cities Office CPF Fund LP	81-3814378	SUBSIDIARY	Sweden Nova Lund 1 AB		SUBSIDIARY
Cityhold GC Investment S.à r.l.		AFFILIATE	U.S. Cities Office CPF Fund REIT LLC	81-3911937	SUBSIDIARY	Sweden Nova Lund 2 AB		SUBSIDIARY
OVG Cloud S.à r.l.		AFFILIATE	U.S. Cities Office CPF Fund Operating GP LLC	81-3881522	SUBSIDIARY	T-C Luxembourg Neptune Holdings S.à r.l.		SUBSIDIARY
Cityhold Sterling S.à r.l.		AFFILIATE	U.S. Cities Office CPF Fund Operating LP	81-3839479	SUBSIDIARY	T-C Neptune Holdings S.à r.l.		SUBSIDIARY
Cityhold UK Holding S.à r.l.		AFFILIATE	U.S. Cities Retail CPF Fund LP	81-3437405	SUBSIDIARY (26)	Neptune Property Venture S.à r.l.		SUBSIDIARY
Cityhold UK Investment S.à r.l.		AFFILIATE	U.S. Cities Retail CPF Fund REIT LLC	81-3573421	SUBSIDIARY (27)	Castel Guelfo I SRL		SUBSIDIARY
London Belgrave Unit Trust		AFFILIATE (26)	U.S. Cities Retail CPF Fund Operating GP LLC	81-3578259	SUBSIDIARY (28)	Neptune Promcat Alternativa, S.L.		SUBSIDIARY
New Fetter Lane Unit Trust		AFFILIATE (27)	U.S. Cities Retail CPF Fund Operating LP	81-3473773	SUBSIDIARY (29)	Neptune Madrid Holdco S.L.		SUBSIDIARY
60 Great Portland Street Unit Trust		AFFILIATE (28)	T-C Potomac Promenade LLC	27-4116676	SUBSIDIARY (26)	Neptune Nassica Propco S.L.		SUBSIDIARY
70 St Mary Axe Unit Trust		AFFILIATE (29)	TCAM Core Prop Fund REIT 2 LLC	47-4935916	SUBSIDIARY	Neptune Getafe Propco S.L.		SUBSIDIARY
London Belgrave Unit Trust		AFFILIATE (26)				Neptune Las Rozas Outlet S.L.		SUBSIDIARY
CLOF Victoria Nominee 1 Limited		AFFILIATE				Neptune San Sebastian Outlet S.L.		SUBSIDIARY
CLOF Victoria Nominee 2 Limited		AFFILIATE				Neptune Polish HoldCo 2 B.V.		SUBSIDIARY
New Fetter Lane Unit Trust		AFFILIATE (27)				Neptune Ursus SP, z.o.o.		SUBSIDIARY

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

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

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

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

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

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

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

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

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

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PART 1 - ORGANIZATIONAL CHART

LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP
T-C Europe, LP (continued)			T-C GA Real Estate Holdings, LLC (continued)			T-C Waterford Blue Lagoon General Partner, LLC	47-5379777	SUBSIDIARY
Neptune Polish Property Venture BV		SUBSIDIARY	T-C 888 Brannan Member LLC	47-4665824	SUBSIDIARY	Waterford Blue Lagoon LP	47-5392075	SUBSIDIARY (35)
Neptune Krakow SP. z o.o.		SUBSIDIARY	T-C 888 Brannan Venture LLC	47-4681231	SUBSIDIARY	T-C 888 Brannan Venture LLC	47-5375826	SUBSIDIARY
Neptune Annapol SP. z o.o.		SUBSIDIARY	T-C 888 Brannan Owner LLC	47-4674147	SUBSIDIARY	Waterford Blue Lagoon LP	47-5392075	SUBSIDIARY (35)
Neptune Poznan SP. z o.o.		SUBSIDIARY	T-C 888 Brannan TRS. LLC	47-5605380	SUBSIDIARY	Westland At Waterford REIT General Partner LLC	81-0779817	SUBSIDIARY
Neptune OPCI SAS		SUBSIDIARY	T-C 2300 Broadway LLC	45-3479701	SUBSIDIARY	Westland At Waterford REIT LP	47-5321319	SUBSIDIARY
Roppenheim Holding SAS		SUBSIDIARY	T-C Aspira LLC	46-1220681	SUBSIDIARY	Westland At Waterford General Partner LLC	47-5635267	SUBSIDIARY
Roppenheim Outlet SNC		SUBSIDIARY (32)	T-C Franklin Square Member, LLC	46-1791581	SUBSIDIARY	Westland At Waterford Operating LP	47-5580924	SUBSIDIARY
Neptune Amsterdam B.V.		SUBSIDIARY	T-C Franklin Square Venture LLC	46-1794486	SUBSIDIARY	Waterford Blue Lagoon REIT LP	47-5305678	SUBSIDIARY
Silesia Outlet sp. z o.o.		SUBSIDIARY	TIAA Franklin Square, LLC	28-0011770	SUBSIDIARY	Waterford Blue Lagoon REIT LP	47-5305678	SUBSIDIARY
Roppenheim Outlet SNC		SUBSIDIARY (32)	T-C Hall of States Member LLC	47-2023405	SUBSIDIARY	5201-5301 Waterford General Partner LLC	47-5642524	SUBSIDIARY
Neptune Vicolungo I S.r.l.		SUBSIDIARY	T-C Hall of States Venture LLC	47-2043463	SUBSIDIARY	5201-5301 Waterford Operating LP	47-5541032	SUBSIDIARY
T-C GA Real Estate Holdings, LLC	45-2877772	SUBSIDIARY	T-C Hall of States Owner LLC	47-2034237	SUBSIDIARY	5200 Waterford General Partner LLC	47-5672651	SUBSIDIARY
8 Spruce Street GA Investor, LLC	46-0959792	SUBSIDIARY	T-C Kings Crossing, LLC	45-4045658	SUBSIDIARY	5200 Waterford Operating LP	47-5498897	SUBSIDIARY
FC 8 Spruce Holdings, LLC	46-1403221	AFFILIATE	T-C Legacy Place LLC	46-1120016	SUBSIDIARY	T-C Legacy Place LLC	47-5472154	SUBSIDIARY
2300 Broadway Storage Operator LLC	84-2144204	SUBSIDIARY	Legacy Place Associates, LLC	46-0876833	SUBSIDIARY	1000 Waterford Operating LP	47-5479437	SUBSIDIARY
Nuveen Global Cities REIT, Inc.	82-1419222	SUBSIDIARY	300 Legacy Place Boulevard LLC		SUBSIDIARY	701-703 Waterford General Partner LLC	47-5445045	SUBSIDIARY
Nuveen Global Cities REIT LP, LLC	82-1502883	SUBSIDIARY	T-C Republic Square Member LLC	47-2903922	SUBSIDIARY	Waterford Core REIT General Partner LLC	82-2631273	SUBSIDIARY
Nuveen Global Cities REIT OP, LP	82-1507998	SUBSIDIARY	T-C Republic Square Venture LLC	47-2867784	SUBSIDIARY	Waterford Core REIT LP	82-2646233	SUBSIDIARY
NR 844 North LLC	82-3527067	SUBSIDIARY	T-C Republic Square REIT LP, LLC	47-3033681	SUBSIDIARY	Waterford Core 800 REIT General Partner LLC	84-3541603	SUBSIDIARY
NR 9725 Datapoint Drive LLC	84-3576911	SUBSIDIARY	T-C Republic Square Mezzanine LLC	47-3091198	SUBSIDIARY	Waterford Core 800 REIT LP	81-0733012	SUBSIDIARY
NR APCF Investor Ltd.		SUBSIDIARY	T-C Republic Square Owner LLC	47-2793452	SUBSIDIARY	Waterford Core General Partner LLC	81-0733012	SUBSIDIARY
NR Defcor Hills LLC	82-5519657	SUBSIDIARY	The Flats Holding Company LLC	47-1379500	SUBSIDIARY	Waterford Core Operating LP	47-5587163	SUBSIDIARY
NR Denver Industrial Portfolio LLC	82-3539243	SUBSIDIARY	The Flats 130 DC Residential LLC	47-1347366	SUBSIDIARY	Waterford Core II Operating LP	82-2663579	SUBSIDIARY
NR East Seago Lily LLC	83-3651003	SUBSIDIARY	The Flats 140 DC Residential LLC	47-1363564	SUBSIDIARY	Waterford Core II General Partner LLC	82-2672297	SUBSIDIARY
NR ECF Investor Ltd.		SUBSIDIARY	The Flats DC Grocery LLC	47-1367530	SUBSIDIARY	Taiyo Hinata Fund, L.P.		SUBSIDIARY
NR Globe Street Industrial LLC	84-3175301	SUBSIDIARY	T-C JK I, LLC	46-4567368	SUBSIDIARY	TGA 10th Street Business Park LLC	84-3332496	SUBSIDIARY
NR Henderson 215 LLC	83-1495411	SUBSIDIARY	Adeoti Empreendimentos Imobiliários Ltda		SUBSIDIARY (33)	TGA 127-137 Franklin LLC	82-1645257	SUBSIDIARY
NR Kirkland Crossing LLC	82-3556058	SUBSIDIARY	T-C JK II, LLC	46-4587620	SUBSIDIARY	TGA 299 Franklin LLC	81-2769108	SUBSIDIARY
NR Main Street at Kingwood LLC	83-1815798	SUBSIDIARY	Adeoti Empreendimentos Imobiliários Ltda		SUBSIDIARY (33)	TGA 600 College Road LLC	81-3988795	SUBSIDIARY
NR Tacara at Steiner Ranch LLC	82-5503093	SUBSIDIARY	T-C Lux Fund Holdings LLC	47-4095803	SUBSIDIARY	TGA 730 Third Avenue Owner LLC	83-2548459	SUBSIDIARY
Nuveen Global Cities REIT Lending, LLC	83-4299885	SUBSIDIARY	T-C Mt. Ommaney Centre Limited Partnership		SUBSIDIARY	TGA 3401 North Ashton Blvd LLC	83-2957526	SUBSIDIARY
T-C 2 Herald Square Member LLC	47-1535030	SUBSIDIARY	European Cities Partnership SCSp		AFFILIATE (12)	TGA 3851 Grandpine Way LLC	82-4830474	SUBSIDIARY
T-C 2 Herald Square Owner LLC	47-1488131	SUBSIDIARY	Global Real Estate Debt Partners – Fund I (UK)		SUBSIDIARY (21)	TGA APAC Fund Holdings, LLC	82-2225812	SUBSIDIARY
T-C 1101 Pennsylvania Avenue LLC	27-2952349	SUBSIDIARY	T-C MV Member LLC	81-4583865	SUBSIDIARY	Asia Pacific Cities Fund, FCP		SUBSIDIARY (36)
T-C 1101 Pennsylvania Avenue Venture LLC	27-2952617	SUBSIDIARY	T-C M-T REIT LLC	81-4599024	SUBSIDIARY	TGA Real Estate Fund Holdings, LLC	82-2311300	SUBSIDIARY
T-C 1101 Pennsylvania Avenue Owner LLC	27-2952860	SUBSIDIARY	T-C MV Member II LLC		SUBSIDIARY	Asia Pacific Cities Fund, FCP		SUBSIDIARY (36)
T-C 33 Arch Street Member, LLC	46-1851206	SUBSIDIARY	T-C M-T REIT II LLC	84-3224525	SUBSIDIARY	TGA Auburn Business Park LLC	84-3830265	SUBSIDIARY
T-C 33 Arch Street Venture, LLC	46-1805501	SUBSIDIARY	T-C Mt. Ommaney Centre Holding Company LLC	47-1954609	SUBSIDIARY	TGA Aurora DC III LLC	84-3285557	SUBSIDIARY
T-C 33 Arch Street, LLC	45-2792699	SUBSIDIARY	T-C Mt. Ommaney Centre LLC	47-1828871	SUBSIDIARY	TGA Baltimore IC LLC	84-3475931	SUBSIDIARY
T-C 470 Park Avenue South Member LLC	46-1754709	SUBSIDIARY	T-C Permian Investor LLC	82-1023309	SUBSIDIARY	TGA Barnes Canyon Life Science LLC	83-1851559	SUBSIDIARY
T-C 470 Park Avenue South Venture LLC	46-1744112	SUBSIDIARY	T-C SBMC Joint Venture LLC	46-3007720	SUBSIDIARY	TGA Beckwith Farms LLC	84-3303586	SUBSIDIARY
T-C 475 Fifth Avenue Member, LLC	46-1828055	SUBSIDIARY	T-C SMA 2, LLC	36-4620008	SUBSIDIARY	TGA Bedford Park LLC	84-3314123	SUBSIDIARY
T-C 475 Fifth Avenue Venture LLC	46-1839003	SUBSIDIARY	PennMuni-TIAA U.S. Real Estate Fund, LLC	36-4619998	SUBSIDIARY	TGA Cactus DC I LLC	84-2939313	SUBSIDIARY
T-C 800 17th Street NW Member LLC	47-2189075	SUBSIDIARY	T-C The Edge at Flagler Village, LLC	81-2204918	SUBSIDIARY	TGA Cactus DC II LLC	84-2939493	SUBSIDIARY
T-C 800 17th Street NW Venture LLC	47-2188640	SUBSIDIARY	T-C UK RE Holdings I, LLC	81-2676934	SUBSIDIARY	TGA Capital Beltway CC LLC	84-3523623	SUBSIDIARY
T-C 800 17th Street NW Owner LLC	47-2069910	SUBSIDIARY	T-C UK RE Holdings II, LLC	81-2691474	SUBSIDIARY	TGA Center Square DC LLC	84-3487859	SUBSIDIARY
			T-C UK RE Holdings III, LLC	81-3299073	SUBSIDIARY	TGA Central Green LLC	83-3799476	SUBSIDIARY
			Thurrock Retail Park Unit Trust		SUBSIDIARY (34)			
			T-C U.S. Super Regional Mail Fund LP	47-3148337	SUBSIDIARY			

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

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

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

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

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

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

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

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LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP
TEFF Holdco LLC	81-2146865	SUBSIDIARY	TGA Central Square Investor Member LLC	84-4376282	SUBSIDIARY	TGA MS Self Storage Investor Member LLC	83-1916152	SUBSIDIARY
TIAA European Farmland Fund GP LP	98-1310748	SUBSIDIARY (4)	TGACSE Central Square Holdings LLC	84-4880676	SUBSIDIARY	Morningstar NRE Self Storage Portfolio LLC	83-2379583	SUBSIDIARY
TIAA European Farmland Fund LP		SUBSIDIARY	TGACSE Midwood Corners LLC	84-4933448	SUBSIDIARY	MSC Boerne, LLC		SUBSIDIARY
TEFF Holding S.a.r.l		SUBSIDIARY	TGACSE Morningside LLC	84-4893383	SUBSIDIARY	MSC Buda, LLC		SUBSIDIARY
TEFF Investments B.V.		SUBSIDIARY	TGACSE Triangle LLC	84-224033	SUBSIDIARY	MSC Carolinas LLC		SUBSIDIARY
Areal III Spolka z o.o.		SUBSIDIARY	TGA East Coronado Industrial LLC		SUBSIDIARY	MSC Dam Storage, LLC		SUBSIDIARY
Hodowla Zwierzat Zarodowych Choczewo Spolka z o.o.		SUBSIDIARY	TGA East Miraloma Industrial LLC		SUBSIDIARY	MSC Evans Rd, LLC		SUBSIDIARY
Hodowla Zwierzat Zarodowych Wierzychucino Spolka z o.o.		SUBSIDIARY	TGA Emerald Corporate Park LLC		SUBSIDIARY	MSC Highway 521 Storage, LLC		SUBSIDIARY
Dangro Invest SA		SUBSIDIARY	TGA Englewood DC LLC	84-3502383	SUBSIDIARY	MSC Kemps Landing, LLC		SUBSIDIARY
AGRA Spolka z o.o.		SUBSIDIARY	TGA European RE Holdings I, LLC	83-2810033	SUBSIDIARY	MSC MTP, LLC		SUBSIDIARY
AGAT Spolka z o.o.		SUBSIDIARY	Eagle GPCo S a r.l.		SUBSIDIARY	MSC Midtown Atlanta, LLC		SUBSIDIARY
AGRAMAX Spolka z o.o.		SUBSIDIARY	Eagle Partnership SCSp		SUBSIDIARY	MSC MTP, LLC		SUBSIDIARY
AGRIFARM Spolka z o.o.		SUBSIDIARY	Eagle JVCo S a r.l.		SUBSIDIARY	MSC Peachtree, LLC		SUBSIDIARY
AGROSERVICE Spolka z o.o.		SUBSIDIARY	Viertel Zwei Entwicklung GmbH & Co Studenthouse KG		SUBSIDIARY (37)	MSC Spring Branch, LLC		SUBSIDIARY
AMAL Spolka z o.o.		SUBSIDIARY	Eagle Austria Holdings S a r.l.		SUBSIDIARY (37)	MSC SW Austin, LLC		SUBSIDIARY
KOLNO Spolka z o.o.		SUBSIDIARY	Studenthouse Rua Manuel Pereira, SA		SUBSIDIARY	MSC Yorktown, LLC		SUBSIDIARY
MILKOWO Sp. Z o.o.		SUBSIDIARY	TGA FC Investor Member LLC		SUBSIDIARY	TGA North Miller Industrial LLC		SUBSIDIARY
SEE-AGRO Sp. z o.o.		SUBSIDIARY	Fenway Center Holding 1-2, LLC Pte Ltd	82-2708488	SUBSIDIARY	TGA North Orange Industrial LLC		SUBSIDIARY
SATOPY Spolka z o.o.		SUBSIDIARY	Fenway Center Owner 1-2, LLC	82-2708488	SUBSIDIARY	TGA Oak View Mall LLC	83-1934291	SUBSIDIARY
Pszentrol SA		SUBSIDIARY	TGA Franklin Square IC I LLC	84-3523773	SUBSIDIARY	TGA O'Hare Logistics Center IV LLC	84-4774106	SUBSIDIARY
AGROLAND Spolka z o.o.		SUBSIDIARY	TGA Franklin Square IC II LLC	84-3523813	SUBSIDIARY	TGA Park 355 LLC	84-3254652	SUBSIDIARY
AGROPOL Spolka z o.o.		SUBSIDIARY	TGA Freeport DC LLC	84-3332846	SUBSIDIARY	TGA Park 55 LLC	84-3254103	SUBSIDIARY
BUDUS Spolka z o.o.		SUBSIDIARY	TGA Greenstone Logistics Center LLC		SUBSIDIARY	TGA Park 88 LLC	84-3254979	SUBSIDIARY
CIESZYSLAW SP z o.o.		SUBSIDIARY	TGA Hagerston DC LLC	84-3463522	SUBSIDIARY	TGA Pleasant Prairie Center LLC	83-3250233	SUBSIDIARY
FARMEX Spolka z o.o.		SUBSIDIARY	TGA Hollins End LLC	84-3475313	SUBSIDIARY	TGA Prairie Point LLC	84-3285659	SUBSIDIARY
JASIONNO Spolka z o.o.		SUBSIDIARY	TGA I-95 DC LLC	84-3523721	SUBSIDIARY	TGA Renton Park 405 LLC		SUBSIDIARY
ROLA Spolka z o.o.		SUBSIDIARY	TGA Japan Holdings, LLC	81-3602072	SUBSIDIARY	TGA Sandy Commerce Park LLC	83-2936932	SUBSIDIARY
ROLPOL Spolka z o.o.		SUBSIDIARY	TGA Japan Holdings Pte Ltd		SUBSIDIARY	TGA Somerset IC LLC	84-3487605	SUBSIDIARY
ROLZBUD Spolka z o.o.		SUBSIDIARY	TGA Japan GK Holdings Pte Ltd		SUBSIDIARY	TGA Somerset IC II LLC	84-3476142	SUBSIDIARY
SOBIERADZ Spolka z o.o.		SUBSIDIARY	TGA Ginza115 GK		SUBSIDIARY	TGA Sterling DC LLC	84-3255382	SUBSIDIARY
TELYN SP. z o.o.		SUBSIDIARY	TGA Ginza115 TMK		SUBSIDIARY (38)	TGA The Warehouse At CH Investor Member LLC	84-3093962	SUBSIDIARY
TOKARY Sp. z o.o.		SUBSIDIARY	TGA Ginza 115 Holdings Pte Ltd		SUBSIDIARY	TGAP The Warehouse At CH Owner LLC	84-3055465	SUBSIDIARY
TURKUS SP. z o.o.		SUBSIDIARY	TGA Ginza115 TMK		SUBSIDIARY (38)	TGAP The Warehouse At CH LLC	84-3055701	SUBSIDIARY
WALICHNOWY Sp. z o.o.		SUBSIDIARY	TGA Ginza115 ISH		SUBSIDIARY	TGA Tri-State Commerce Center LLC		SUBSIDIARY
WEZINY Sp. z o.o.		SUBSIDIARY	TGA JL Investor Member LLC	84-3718861	SUBSIDIARY	TGA Van Dorens West LLC	84-3830895	SUBSIDIARY
ZIEMROL Spolka z o.o.		SUBSIDIARY	TGA JL II Investor Member LLC	84-4376472	SUBSIDIARY	TGA Washington DC CC LLC	84-3527380	SUBSIDIARY
LOZICE Sp. z o.o.		SUBSIDIARY	661 Dulles Park CT PJV, LLC		SUBSIDIARY	TGA Westport Distribution Center LLC	84-2939589	SUBSIDIARY
Adamas SA		SUBSIDIARY	TGA Landover DC LLC	84-3523582	SUBSIDIARY	TGA Yorktown Trinity Groves LLC	83-0723201	SUBSIDIARY
AMBER SP. z o.o.		SUBSIDIARY	TGA Maryland Farms Holdings LLC		SUBSIDIARY	TGAM Agribusiness Fund LP	81-1994278	SUBSIDIARY
JAROSLAWSKO I SP. z o.o.		SUBSIDIARY	U.S. Cities Office Fund Maryland Farms Co-Invest		SUBSIDIARY (10)	TIAA Administrative Services LLC	82-2826183	SUBSIDIARY
JAROSLAWSKO II SP. z o.o.		SUBSIDIARY	TGA MH Investor Member LLC	84-2765297	SUBSIDIARY	TIAA CLO I Ltd		SUBSIDIARY
OGARDY SP. z o.o.		SUBSIDIARY	TGA MKP Member LLC	82-1169084	SUBSIDIARY	TIAA CLO I LLC		SUBSIDIARY
OPAL SP z o.o.		SUBSIDIARY	TGA MKP Venture LLC	82-1198745	SUBSIDIARY	TIAA CLO I Holding, LLC	84-1905731	SUBSIDIARY
SZAFIR SP. z o.o.		SUBSIDIARY	TGA MKP RETI LLC	82-1187131	SUBSIDIARY	TIAA CLO II Ltd		SUBSIDIARY
Gospodarstwo Okopy Sp. z o.o.		SUBSIDIARY	TGA Montague Investor Member, LLC	81-4232788	SUBSIDIARY	TIAA CLO II LLC		SUBSIDIARY
Przedsiębiorstwo Rolne Okopy Sp. z o.o.		SUBSIDIARY	TGA Montrose Residences Investor Member, LLC	81-3542252	SUBSIDIARY	TIAA CLO III LLC		SUBSIDIARY
Agrohop Bielice Sp. z o.o.		SUBSIDIARY	The Residences at La Colombe d'Or Investors LLC	81-2872565	SUBSIDIARY	TIAA CLO III LLC		SUBSIDIARY
Agrohop Service Sp. z o.o.		SUBSIDIARY	TGA Near East LLC	83-4153778	SUBSIDIARY	TIAA CLO IV Ltd.		SUBSIDIARY
Agrohop Sp. z o.o.		SUBSIDIARY	TGA NJAHP Investor Member LLC		SUBSIDIARY	TIAA CLO V Ltd.		SUBSIDIARY
Agrohop Bis Sp. z o.o.		SUBSIDIARY	NJAHP Preservation Associates JV LLC		SUBSIDIARY	TIAA CMBS I, LLC	13-4173396	SUBSIDIARY
TGA Connections at Athens Investor Member LLC	63-0780652	SUBSIDIARY	TGA NJAHP II Investor Member LLC		SUBSIDIARY	TIAA CMBS I Trust	13-4173396	SUBSIDIARY
PEP-TH Athens, LLC	61-1892161	SUBSIDIARY	HVPE NJ BX, LLC		SUBSIDIARY	TIAA Diversified Public Investments, LLC	47-4570655	SUBSIDIARY
PEP Athens, LLC	83-1011298	SUBSIDIARY						

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

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

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

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

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PART 1 - ORGANIZATIONAL CHART

LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP
TIAA GBS Singapore Holding Company Pte. Ltd.	36-124070	SUBSIDIARY	TIAA GTR HoldCo, LLC	46-3881813	SUBSIDIARY	TGA SP-MPC Housing Investor Member LLC	83-2063402	SUBSIDIARY
TIAA Global Business Services (India) Private Limited	27-555198	SUBSIDIARY	Global Timber Resources LLC	46-3210500	SUBSIDIARY	TGA-SP Housing Venture I LLC	83-2147240	SUBSIDIARY
TIAA Global Ag Holdco LLC	27-555198	SUBSIDIARY	Global Timber SA LLC	46-3809387	SUBSIDIARY	MPSP Ashwood Homes LLC	83-1869400	SUBSIDIARY
Global Agriculture AIV (US) LLC	45-1531685	SUBSIDIARY	Global Timber International LLC	46-3899490	SUBSIDIARY	MPSP Ashwood MHC LLC	83-1869494	SUBSIDIARY
Global Ag Properties USA LLC	45-1531685	SUBSIDIARY	Global Timber Spain, SL	48-1206384	SUBSIDIARY	MPSP Beltline Homes LLC	84-2331138	SUBSIDIARY
Loma del Rio Vineyards, LLC	80-0843991	SUBSIDIARY (19)	Forestal Monterrey Colombia SAS		SUBSIDIARY	MPSP Beltline Lender LLC	84-2345909	SUBSIDIARY
Global Agriculture II AIV (US) LLC	47-1083514	SUBSIDIARY	Forestal GTR Chile Limitada		SUBSIDIARY	MPSP Beltline MHC LLC	84-2216330	SUBSIDIARY
Global Ag Properties II USA LLC	47-1069783	SUBSIDIARY	Global Timber Resources Colombia, S.A.S.		SUBSIDIARY	MPSP Center Grove Homes LLC	83-1088001	SUBSIDIARY
TIAA-CREF Global Agriculture LLC	27-5551947	SUBSIDIARY	Monte Fresnos Asociacion Agraria de Responsabilidad LTDA		SUBSIDIARY	MPSP Center Grove Lender LLC	83-2290040	SUBSIDIARY
Global AG Properties Australasia Pty. Ltd		SUBSIDIARY	Monte Fresnos, S.A.		SUBSIDIARY	MPSP Center Grove MHC LLC	83-1076792	SUBSIDIARY
Global AG Properties Australia Trust		SUBSIDIARY	Taurion Asociacion Agraria de Responsabilidad LTDA		SUBSIDIARY	MPSP Colinas South Lender LLC	84-2158715	SUBSIDIARY
Nova Gaia Brasil Participaco Ltda.		SUBSIDIARY	GT Europe Cooperatief U.A.		SUBSIDIARY	MPSP Colinas South MHC LLC	84-2169896	SUBSIDIARY
Tellus Brasil Participaco S.A.		SUBSIDIARY (40)	Global Timber NL, B.V.		SUBSIDIARY	MPSP Estancia Lender LLC	84-2277681	SUBSIDIARY
Terraviva Brasil Participaco Ltda.		SUBSIDIARY (41)	Brasilwood Reflorestamento S.A.		SUBSIDIARY	MPSP Estancia MHC LLC	84-1976109	SUBSIDIARY
Tellus Brasil Participaco S.A.		SUBSIDIARY (40)	Brasilwood Terras Florestais S.A.		SUBSIDIARY	MPSP Fairlane Lender LLC	83-4283444	SUBSIDIARY
Agrobio Investimentos e Participações S.A.		SUBSIDIARY	Sugarfields Vineyard Investments LLC		AFFILIATE	MPSP Fairlane Oaks Lender LLC	83-4283444	SUBSIDIARY
Cerpon Participações S.A.		SUBSIDIARY	Mamoneira Agropastoril S.A.		SUBSIDIARY	MPSP Fairlane Oaks MHC LLC	83-4241248	SUBSIDIARY
Nova Ibiajara Propriedades Agricolas S.A.		SUBSIDIARY	Jatoba Brasil Investimentos Florestais Ltda		SUBSIDIARY	MPSP Lakeview Homes LLC	84-2224888	SUBSIDIARY
Tellus Bahia Propriedades Agricolas Ltda.		SUBSIDIARY	Paineira Investimentos Florestais S.A.		SUBSIDIARY	MPSP Lakeview Lender LLC	84-2319726	SUBSIDIARY
Jatoba Propriedades Agricolas Ltda.		SUBSIDIARY	IPOPEMA 95 Closed Investment Fund of Non-Public Assets		SUBSIDIARY	MPSP Lakeview MHC LLC	84-2199063	SUBSIDIARY
Terra do Sol Propriedades Agricolas S.A.		SUBSIDIARY	EKO Topola Sp. z.o.o.		SUBSIDIARY	MPSP Lemon Tree Homes LLC	83-1213262	SUBSIDIARY
Terrainvest Propriedades Agricolas S.A.		SUBSIDIARY	Brusno Resort Sp. z.o.o.		SUBSIDIARY	MPSP Lemon Tree MHC LLC	83-2548459	SUBSIDIARY
Toprone Participações S.A.		SUBSIDIARY	TIAA Infrastructure Investments, LLC	45-3479281	SUBSIDIARY	MPSP Mobile Gardens Homes LLC	83-1230821	SUBSIDIARY
Toperone Agrícola S.A.		SUBSIDIARY	730 Parking LLC	81-5307354	SUBSIDIARY	MPSP Mobile Gardens MHC LLC	83-1230714	SUBSIDIARY
Tpartwo Participações S.A.		SUBSIDIARY	730 Interpark, LLC	81-5302296	SUBSIDIARY	MPSP Parker Homes LLC	84-2379528	SUBSIDIARY
Topertwo Agrícola S.A.		SUBSIDIARY	A-30 Canadian Transport Inc.		SUBSIDIARY	MPSP Parker Lender LLC	84-2389423	SUBSIDIARY
TIAA-CREF Global Agriculture BR, LLC	45-1502187	SUBSIDIARY	1867 Infrastructure Holdings Inc.		SUBSIDIARY	MPSP Parker MHC LLC	84-2247177	SUBSIDIARY
Nova Gaia Brasil Participaco Ltda.		SUBSIDIARY	ACS NA30 Holding Inc.		SUBSIDIARY	MPSP Seven Oaks Homes LLC	84-2277774	SUBSIDIARY
Terraviva Brasil Participaco Ltda.		SUBSIDIARY (41)	Nouvelle Autoroute 30, s.e.n.c.		AFFILIATE	MPSP Seven Oaks Lender LLC	84-2290439	SUBSIDIARY
TIAA-CREF Global Agriculture II LLC	47-0974399	SUBSIDIARY	I 595 Toll Road, LLC	38-3857916	SUBSIDIARY	MPSP Seven Oaks MHC LLC	84-2198856	SUBSIDIARY
TIAA-CREF Global Agriculture II BR, LLC	47-1062423	SUBSIDIARY	North American Sustainable Energy Fund, L.P.	46-5279686	SUBSIDIARY	MPSP Shiloh Homes LLC	83-2700633	SUBSIDIARY
TIAA Global Equity Income, LLC	46-2860100	SUBSIDIARY	McCommas Bluff Holdings LLC		AFFILIATE	MPSP Shiloh Lender LLC	83-2725391	SUBSIDIARY
TIAA Global Public Investments, LLC	26-3594208	SUBSIDIARY	Dallas Clean Energy, LLC		AFFILIATE	MPSP Shiloh MHC LLC	83-2700544	SUBSIDIARY
TIAA Oil and Gas Investments, LLC	45-2665869	SUBSIDIARY	Dallas Clean Energy McCommas Bluff, LLC		AFFILIATE	MPSP South Concho Lender LLC	84-2436652	SUBSIDIARY
Actgas, LLC	45-1286237	SUBSIDIARY	Energy Power Investment Company, LLC		SUBSIDIARY	MPSP South Concho MHC LLC	84-2261982	SUBSIDIARY
Actoil Bakken, LLC	46-3410649	SUBSIDIARY	EPP Renewable Energy, LLC		SUBSIDIARY	MPSP Stonegate Homes LLC	83-2736822	SUBSIDIARY
Actoil Utica, LLC	46-3628093	SUBSIDIARY	EPP New Jersey Biogas, LLC		SUBSIDIARY	MPSP Stonegate Lender LLC	83-2736936	SUBSIDIARY
TIAA Realty, LLC	11-3519531	SUBSIDIARY	EPP New Jersey Solar, LLC		SUBSIDIARY	MPSP Stonegate MHC LLC	83-2725560	SUBSIDIARY
T-C 77 Central LLC	81-0902394	SUBSIDIARY	North American Sustainable Energy Fund GP, LLC		SUBSIDIARY	MPSP TC GH Homes LLC	84-2319873	SUBSIDIARY
T-C 680 Belleville LLC	47-2249307	SUBSIDIARY	North American Sustainable Energy Manager, LLC		SUBSIDIARY	MPSP TC GH Lender LLC	84-2331064	SUBSIDIARY
T-C Port Northwest Development, LLC	46-2678242	SUBSIDIARY	TIAA RFS, LLC	82-2885306	SUBSIDIARY	MPSP TC GH MHC LLC	84-2216156	SUBSIDIARY
TGA 70 Federal Street LLC	81-3961919	SUBSIDIARY	TIAA Advisory LLC	82-2335773	SUBSIDIARY	MPSP TC Sherman Homes LLC	84-2389479	SUBSIDIARY
			TIAA-CREF Insurance Agency, LLC	20-2904312	SUBSIDIARY	MPSP TC Sherman Lender LLC	84-2428588	SUBSIDIARY
			TIAA SMA Strategies, LLC	81-2755014	SUBSIDIARY	MPSP TC Sherman MHC LLC	84-2247220	SUBSIDIARY
			TIAA-Stonepeak Investments I, LLC	45-3029655	SUBSIDIARY	MPSP Wildwood Acres Lender LLC	84-2361787	SUBSIDIARY
			TIAA-Stonepeak Investments II, LLC	45-3030923	SUBSIDIARY	MPSP Wildwood Acres MHC LLC	84-2239609	SUBSIDIARY
			TIAA SynGas, LLC	45-1286386	SUBSIDIARY	MPSP Wildwood Village Homes LLC	84-2361842	SUBSIDIARY
			730 Catsolar, LLC	13-1624203	SUBSIDIARY	MPSP Wildwood Village Lender LLC	84-2379481	SUBSIDIARY
			Catalina Solar Lessee Holdco, LLC		SUBSIDIARY	MPSP Wildwood Village MHC LLC	84-2239646	SUBSIDIARY
			Catalina Solar Lessee, LLC		SUBSIDIARY	MPSP Windsong Homes LLC	83-2848324	SUBSIDIARY
			SG Solutions, LLC	56-2492641	AFFILIATE	MPSP Windsong Lender LLC	83-2848439	SUBSIDIARY
			AE Investor II, LLC	27-0195010	SUBSIDIARY	MPSP Windsong MHC LLC	83-2861026	SUBSIDIARY

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

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

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

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

STATEMENT AS OF MARCH 31, 2020 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA
 SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP

LISTING 3 (CONTINUED): PART 1 - ORGANIZATIONAL CHART

COMPANY	FEIN	RELATIONSHIP	COMPANY	FEIN	RELATIONSHIP
TIAA Super Regional Mall Member Sub, LLC	45-3164600	SUBSIDIARY	Western A Midwest IL, LLC	84-3441362	SUBSIDIARY
T-C Super Regional Mall Venture, LLC	45-3164764	SUBSIDIARY	Western A Midwest JR Mezz, LLC		SUBSIDIARY
T-C International Plaza REIT LLC	46-4623695	SUBSIDIARY	Western A Midwest Mezz, LLC		SUBSIDIARY
T-C International Plaza Investor GP LLC	46-4653326	SUBSIDIARY	Western A Midwest TN, LLC	84-3440905	SUBSIDIARY
T-C International Plaza Investor LP LLC	46-4680948	SUBSIDIARY	Western A South JR Mezz LLC		SUBSIDIARY
Tampa Westshore Associates Limited Partnership	38-3173536	AFFILIATE	Western A South Mezz LLC		SUBSIDIARY
T-C Las Vegas Retail REIT LLC	46-2713521	SUBSIDIARY	Western A South TX, LLC	84-3441798	SUBSIDIARY
T-C Las Vegas Retail Investor LLC	46-2726147	SUBSIDIARY	Western A West JR Mezz, LLC		SUBSIDIARY
T-C Midwest REIT, LLC	45-3165203	SUBSIDIARY	Western A West Mezz, LLC		SUBSIDIARY
T-C Midwest Retail, LLC	45-2211957	SUBSIDIARY	Western Real Estate Holdco, LLC		SUBSIDIARY
T-C Montgomery Mall REIT, LLC	45-3164998	SUBSIDIARY	Western A East JR Mezz, LLC		SUBSIDIARY
T-C Montgomery Mall, LLC	27-4117159	SUBSIDIARY	Western North American Industrial Fund I GP, LLC		SUBSIDIARY
TIAA Wind Investments, LLC	45-4486211	SUBSIDIARY	Western North American Industrial Fund I Limited Partner, LLC		SUBSIDIARY
Capistrano Wind Partners, LLC	45-3743502	AFFILIATE	Western North American Industrial Fund I Limited Partnership		SUBSIDIARY
TIAA-CREF LPHC, LLC	20-8384004	SUBSIDIARY	Western NAIF Intermediate Holdco GP II, LLC		SUBSIDIARY
TCAM DOF GP, LLC	26-3561391	SUBSIDIARY	Western NAIF Intermediate Holdco II, LP		SUBSIDIARY
TIAA-CREF Real Property Fund GP, LLC	46-1191235	SUBSIDIARY	Western A East JR Mezz II, LLC		SUBSIDIARY
TIAA-CREF Individual & Institutional Services, LLC	55-0856733	SUBSIDIARY	WRC Properties, LLC	51-0141732	SUBSIDIARY
TIAA-CREF Redwood, LLC	20-5591124	SUBSIDIARY			
TIAA Endowment & Philanthropic Services, LLC	20-5631854	SUBSIDIARY			
CCAP GP, LLC	35-2429521	SUBSIDIARY			
TIAA-CREF Tuition Financing, Inc.	13-4026557	SUBSIDIARY			
TIAA Union Place Phase I, LLC	20-8892977	SUBSIDIARY			
Union Place Phase I, LLC	20-8261443	SUBSIDIARY			
TPG Public Equity Partners Long Opportunities-A, L.P.		SUBSIDIARY			
Tybourne Long Opportunities (US) Fund		SUBSIDIARY			
UK PPP Investments, LP		SUBSIDIARY			
Wigg (Holdings) Limited		SUBSIDIARY			
Wigg Investments Limited		SUBSIDIARY			
Merseylink (Holdings) Limited		AFFILIATE			
Merseylink (Finance) Limited		AFFILIATE			
Merseylink Limited		AFFILIATE			
Merseylink (Issuer) plc		AFFILIATE			
U.S. Cities Industrial Fund LP		AFFILIATE			
U.S. Cities Retail Fund LP	82-3970010	SUBSIDIARY			
U.S. Cities Retail Fund REIT LLC	82-4016503	SUBSIDIARY			
U.S. Cities Retail Fund Operating GP LLC	82-4069923	SUBSIDIARY			
U.S. Cities Retail Fund Operating LP	82-4037905	SUBSIDIARY			
T-C 919 N. Michigan Avenue Retail, LLC	46-0750331	SUBSIDIARY			
USCRF KRG JV Investor Member LLC		SUBSIDIARY			
KRG - USCRF Retail Portfolio LLC		SUBSIDIARY			
KRG 951 & 41, LLC		SUBSIDIARY			
KRG Livingston Center, LLC		SUBSIDIARY			
KRG-USCRF Plaza Volente, LLC		SUBSIDIARY			
U.S. Core-Plus Real Estate Debt Fund LP	82-3988257	SUBSIDIARY			
CRED REIT LLC	82-3760575	SUBSIDIARY			
CRED REIT Holdco LLC	47-1938723	SUBSIDIARY			
CRED Glenhardie LLC	84-2113010	SUBSIDIARY			
CRED REIT Holdco Seller LLC	83-2024014	SUBSIDIARY			
CRED REIT Holdco TRS LLC	81-1392434	SUBSIDIARY			
CRED REIT Manager LLC	82-4800804	SUBSIDIARY			
CRED REIT Member LP	82-5347019	SUBSIDIARY			
CRED Sawtelle LLC	83-2267896	SUBSIDIARY			
CRED Slabtown LLC	83-3184068	SUBSIDIARY			
CRED West Coast Industrial LLC	83-4107560	SUBSIDIARY			

STATEMENT AS OF MARCH 31, 2020 OF THE 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)	*
			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	
			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	75.000	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
			83-4328253				Nuveen Agribusiness Fund III GP, LLC	DE	DS	AGR Partners LLC	Ownership	100.000	TIAA Board of Overseers	N	
			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	88.690	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			GTFF GP, LLC	DE	DS	Greenwood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			20-8955976	4867863			GWR-GTFF 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			Greenwood Resources Forest Management, LLC	DE	DS	Greenwood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
				4961006			Greenwood Resources Brasil, Ltda.	BRA	DS	Greenwood Resources Forest Management, LLC	Ownership	99.000	TIAA Board of Overseers	N	200
							Greenwood Resources Forest Management, LLC								
				4796600			GWR Uruguay S.A.	URY	DS		Ownership	100.000	TIAA Board of Overseers	N	
			47-3156644	4844369			Greenwood Resources Colombia SAS	COL	DS	Greenwood Resources, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			36-4851864	5083688			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
			82-3187734				CAM HR Resources LLC	DE	DS	Churchill Asset Management LLC	Ownership	99.000	TIAA Board of Overseers	N	300
							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	
							Nuveen Churchill Administration 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	

STATEMENT AS OF MARCH 31, 2020 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)	*
			47-1197292	4754776			Global Agriculture II AIV, LP	DE	DS	Global Ag II AIV GP 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	
							NCBDC Holdings LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Nuveen Churchill Advisors LLC	DE	DS	NCBDC 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	
			84-1819349				Nuveen Global Farmland Fund GP, LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Nuveen Global Farmland Fund Lux GP S.à r.l.	LUX	DS	Nuveen Global Farmland Fund GP, 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	
							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
			81-4498397	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
			81-4498397	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
			81-4498397	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
							Nuveen Junior Capital Opportunities Fund GP S.à r.l.	LUX	DS	Nuveen Alternative Holdings, LLC	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	
			26-2748598	4601487			Nuveen Global Investments LLC	DE	DS	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-2986445				Nuveen GP Holding Company LLC	DE	DS	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-4598778				Nuveen CRED GP Member LLC	DE	DS	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-3751720				CRED GP LLC	DE	DS	Nuveen CRED GP Member LLC	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Cities Office Fund GP LLC	DE	DS	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Cities Office Fund LP	DE	DS	U.S. Cities Office Fund GP LLC	Ownership	100.000	TIAA Board of Overseers	N	
			61-1914684				U.S. Cities Office Fund REIT LLC	DE	DS	U.S. Cities Office Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Cities Office Fund Operating GP LLC	DE	DS	U.S. Cities Office Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			36-4919858				U.S. Cities Office Fund Operating LP	DE	DS	U.S. Cities Office Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
							USCOF Maryland Farms Holdings LLC	DE	DS	U.S. Cities Office Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Cities Office Fund Maryland Farms Co-Invest	DE	DS	USCOF Maryland Farms Holdings LLC	Ownership	51.000	TIAA Board of Overseers	N	1000
							VRE-NRE Maryland Farms Venture	DE	DS	U.S. Cities Office Fund Maryland Farms Co-Invest	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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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)	*
			82-4054235				U.S. Cities Retail Fund GP LLC	DE	DS	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
			35-2633108				U.S. Cities Multifamily Fund GP LLC	DE	DS	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-5466713	5157909			Nuveen Permian Investor Asset Manager Member LLC	DE	DS	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-0631410				Permian Investor Asset Manager LLC	DE	DS	Nuveen 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	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-5433582	5140303			Permian Investor GP LLC	DE	DS	Nuveen Permian Investor GP Member LLC	Ownership	50.000	TIAA Board of Overseers	N	
			82-3426937				Nuveen Real Estate Global Cities Advisors LLC	DE	DS	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2502695				Nuveen Real Estate Project Management Services LLC	DE	DS	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1162850	4617620			TIAA International Holdings 1 Limited	GBR	DS	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1163394	4617639			TIAA International Holdings 2 Limited	GBR	DS	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Overseers	N	
				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	1100
			98-1125673	4617705			Nuveen Real Estate Limited	GBR	DS	TIAA International Holdings 1 Limited	Ownership	1.000	TIAA Board of Overseers	N	1100
			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	Nuveen Europe Holdings Limited	Ownership	94.900	TIAA Board of Overseers	N	
							Nuveen Alternatives Europe S.a.r.l	LUX	DS	Nuveen Europe Holdings Limited	Ownership	100.000	TIAA Board of Overseers	N	
				4715937			Nuveen Asset Management Europe S.a.r.l	LUX	DS	Nuveen Europe Holdings Limited	Ownership	100.000	TIAA Board of Overseers	N	
				4716756			Nuveen Fund (Europe) Management Sarl	LUX	DS	Nuveen Europe Holdings Limited	Ownership	100.000	TIAA Board of Overseers	N	
							Nuveen Fund Management (Jersey) Limited	JEY	DS	Nuveen Europe Holdings Limited	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			Asia Pacific Cities Management Sarl	LUX	DS	Nuveen Europe Holdings Limited	Ownership	100.000	TIAA Board of Overseers	N	
				4715964			Nuveen Management AIFM Limited	GBR	DS	Nuveen Europe Holdings Limited	Ownership	100.000	TIAA Board of Overseers	N	
				4716774			Nuveen Management Company (Luxembourg) No 1 Sarl	LUX	DS	Nuveen Europe Holdings Limited	Ownership	94.900	TIAA Board of Overseers	N	
				4715946			Nuveen Property Management (Jersey) Limited	JEY	DS	Nuveen Europe Holdings Limited	Ownership	100.000	TIAA Board of Overseers	N	
				4716765			Nuveen Real Estate Services GmbH (Austria)	AUT	DS	Nuveen Europe Holdings Limited	Ownership	100.000	TIAA Board of Overseers	N	
			98-1128787	4618243			Nuveen FCACO Ltd	GBR	DS	Nuveen Real Estate Limited	Ownership	100.000	TIAA Board of Overseers	N	
				4716783			Nuveen Real Estate Management Ltd	GBR	DS	Nuveen FCACO 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	Nuveen FCACO Ltd	Ownership	100.000	TIAA Board of Overseers	N	
			98-1127632	4618261			Nuveen Group Holdings Ltd	GBR	DS	Nuveen Real Estate Limited	Ownership	100.000	TIAA Board of Overseers	N	
				4844015			Anglo-Sino Henderson Investment Consultancy (Beijing) Co Limited	CHN	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				4715900			AREFM (BVI) Limited	GBR	DS	Nuveen Group Holdings Ltd	Influence		TIAA Board of Overseers	N	
				4715311			CLOF II (GP) Limited	GBR	DS	Nuveen 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	Nuveen 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	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
			98-1165678	4715302			CLOF II (No 3 GP) Limited	GBR	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				4908328			Enhanced Debt Carry (GP) Sarl	LUX	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				5147003			ERES APAC II (GP) S.a.r.l	LUX	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
							ERES Europe II (GP) S.a.r.l	LUX	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				4949116			European Cities Partnership (GP) S.a.r.l	LUX	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	

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SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
							European Cities Partnership SCSp	LUX	DS	European Cities Partnership (GP) S.a.r.l.	Influence		TIAA Board of Overseers	N	1200
				4841247			Islazul General Partner Sarl	LUX	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				4715245			Matador LP General Partner Limited	GBR	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				4912763			Nuveen Consulting (Shanghai) Co Ltd	CHN	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
							Nuveen Corporate Secretarial Services Limited								
				4747059				GBR	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				4715236			Nuveen (France) SAS	FRA	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				4715898			Nuveen Immobilien GmbH	DEU	DS	Nuveen Group Holdings Ltd	Influence		TIAA Board of Overseers	N	
				4901244			Nuveen Italy Srl	ITA	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				4715357			Nuveen Management Austria GmbH	AUT	DS	Nuveen Group Holdings Ltd	Ownership	65.000	TIAA Board of Overseers	N	
							Nuveen Management Finland Oy	FIN	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				4747152			Nuveen Operations Limited	GBR	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				4841265			Nuveen Real Estate (Australia) Ltd.	AUS	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				4841256			Nuveen Real Estate Debt Partners (GP) Sarl	LUX	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
							Nuveen Real Estate Debt Partners II (GP)								
				5134816			S.a.r.l.	LUX	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
							Global Real Estate Debt Partners Fund II								
							(UK) SCSp	LUX	DS	Nuveen Real Estate Debt Partners II (GP)	Influence		TIAA Board of Overseers	N	1300
				4715348			Nuveen Real Estate Nominees Limited	GBR	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				4715919			Nuveen Singapore Private Limited	SGP	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				4715254			OMP (GP) Limited	GBR	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				4901235			T-C Lux Investments GP Sarl	LUX	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
							TH Real Estate Limited	GBR	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
			98-1014834	4617675			TIAA-CREF Luxembourg S.a.r.l.	LUX	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
							Tokyo Multifamily GP PTE Ltd	LUX	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				4715272			UK OM (LP1) (GP) Limited	GBR	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				4841292			UK OM (LP1) Limited	GBR	DS	UK OM (LP1) (GP) Limited	Ownership	100.000	TIAA Board of Overseers	N	
				4715290			UK OM (LP2) (GP) Limited	GBR	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				4841283			UK OM (LP2) Limited	GBR	DS	UK OM (LP2) (GP) Limited	Ownership	100.000	TIAA Board of Overseers	N	
				4715320			UK OM (LP3) (GP) Limited	GBR	DS	Nuveen Group Holdings Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				4841274			UK OM (LP3) Limited	GBR	DS	UK OM (LP3) (GP) Limited	Ownership	100.000	TIAA Board of Overseers	N	
							Nuveen Real Estate NYC Property Fund GP								
				82-4266474			Member LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				82-4213248			New York City Property Fund GP LLC	DE	DS	Nuveen Real Estate NYC Property Fund GP	Ownership	50.000	TIAA Board of Overseers	N	
				84-4343117			NYC Property Fund II (C) Pooling LP	DE	DS	Member LLC	Ownership	100.000	TIAA Board of Overseers	N	
							New York City Property Fund II (C) LP	DE	DS	New York City Property Fund GP LLC	Ownership	100.000	TIAA Board of Overseers	N	
				84-4342907			NYC Property Fund II (C) Blocker 1 LLC	DE	DS	New York City Property Fund II (C) LP	Ownership	100.000	TIAA Board of Overseers	N	
				83-2335230			New York City Property Fund II (T) LP	DE	DS	New York City Property Fund GP LLC	Ownership	100.000	TIAA Board of Overseers	N	
				83-4678924			NYC Property Fund (T) Blocker 1, LLC	DE	DS	New York City Property Fund II (T) LP	Ownership	100.000	TIAA Board of Overseers	N	
				83-4671194			NYC Property Fund Pooling LP	DE	DS	New York City Property Fund II (T) LP	Ownership	100.000	TIAA Board of Overseers	N	
				83-4653622			NYC Property Fund SPV 1 LLC	DE	DS	NYC Property Fund Pooling LP	Ownership	100.000	TIAA Board of Overseers	N	
				83-4701919			NYC Property Fund SPV 2 LLC	DE	DS	NYC Property Fund Pooling LP	Ownership	100.000	TIAA Board of Overseers	N	
				06-1217855	4680325		Nuveen Real Estate Property Holdings L.L.C.	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				30-0794692	4683559		Casa Partners VI GP, LLC	DE	DS	Nuveen Real Estate Property Holdings L.L.C.	Ownership	100.000	TIAA Board of Overseers	N	
				47-5190671	4912772		Casa Partners VII GP, LLC	DE	DS	Nuveen Real Estate Property Holdings L.L.C.	Ownership	100.000	TIAA Board of Overseers	N	
				82-4363605			CASA Partners VIII GP, LLC	DE	DS	Nuveen Real Estate Property Holdings L.L.C.	Ownership	100.000	TIAA Board of Overseers	N	
				36-4477806	4681797		Global Investors GP, L.L.C.	DE	DS	Nuveen Real Estate Property Holdings L.L.C.	Ownership	100.000	TIAA Board of Overseers	N	

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			20-2537749	4681809			Global Investors GP II, L.L.C.	DE	DS	Nuveen Real Estate Property Holdings L.L.C.	Ownership	100.000	TIAA Board of Overseers	N	
			20-3070768	4681818			Global Investors GP IV, L.L.C.	DE	DS	Nuveen Real Estate Property Holdings L.L.C.	Ownership	100.000	TIAA Board of Overseers	N	
			81-2388576	5193381			Nuveen Real Estate U.S. Strategic Industrial Fund I GP, LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-5367344	4747170			TOGA BT AIV, LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			45-5139523	4867368			TOGA Investor Fund GP, LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-3511076	4843278			TOGA II Investor 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	
			45-1532009	4801867			TIAA Global Ag Special Member LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	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	
			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	
			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 CPF Fund GP LLC	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							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 CPF 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	
			27-3416812	4312916			Westchester Group Investment Management Holding Company, Inc.	DE	DS	Nuveen Alternative Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			27-3417683	4312925			Westchester Group Investment Management, Inc.	DE	DS	Westchester Group Investment Management Holding Company, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			87-0735518	4746977			Plata Wine Partners, LLC	CA	DS	Westchester Group Investment Management, Inc.	Ownership	91.110	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	1400
				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	1400
			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	1500
							Westchester Group South America Gestao de Investimentos Ltda.	BRA	DS	Westchester Group Investment Management, Inc.	Ownership	99.000	TIAA Board of Overseers	N	1500
			84-3766552				Westchester NGFF Investment LLC	DE	DS	Westchester Group Investment Management, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			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	

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				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	
			83-3751978				Nuveen Capital Markets LLC	DE	DS	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			83-4025630				Symphony Alternative Asset Management LLC	DE	DS	Nuveen Capital Markets LLC	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 WGM 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 WGM 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	
			47-0875103	4776518	763848		NIQ Investment Management Company, LLC	DE	DS	NIQ Partners, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			26-2639476	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	1600
			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	1600
							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				CoInvest Member LLC	DE	DS	Teachers Advisors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							CLO CoInvest I LLC	DE	DS	Teachers Advisors, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association of America	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			13-3987258	4599052			485 Properties, LLC	DE	DS	485 Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			16-1735872	4601209			TCPC Associates, LLC	DE	DS	485 Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association of America	DE	DS	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	DE	DS	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	DE	DS	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	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							730 Transmission, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							730 Hotspur, LLC	DE	DS	730 Transmission, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association of America	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			13-4042885	4599801			730 Texas Forest Holdings, Inc.	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	Y	
							Teachers Insurance and Annuity Association of America	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			51-0494351	4599838			730 Texas Timberlands II, Ltd.	TX	DS	Teachers Insurance and Annuity Association of America	Ownership	99.500	TIAA Board of Overseers	N	1700
			51-0494351	4599838			730 Texas Timberlands II, Ltd.	TX	DS	730 Texas Forest Holdings, Inc.	Ownership	0.500	TIAA Board of Overseers	N	1700
							Teachers Insurance and Annuity Association of America	DE	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	DE	DS	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	100.000	TIAA Board of Overseers	N	
			13-4042888	4601713			730 Texas Timberlands, Ltd.	TX	DS	TIAA Timberlands I, LLC	Ownership	99.500	TIAA Board of Overseers	N	1800
			13-4042888	4601713			730 Texas Timberlands, Ltd.	TX	DS	730 Texas Forest Holdings, Inc.	Ownership	0.500	TIAA Board of Overseers	N	1800
							Actoil, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	

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			46-3373066	4602916			Actoil Colorado, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			4651521	4601768			Great Western Petroleum LLC	DE	DS	Actoil Colorado, LLC	Influence		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	
							BRE Jupiter Holdco UT DC, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							BRE Jupiter Mezz 2 UT DC, LLC	DE	DS	BRE Jupiter Holdco UT DC, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							BRE Jupiter Mezz 1 UT DC, LLC	DE	DS	BRE Jupiter Mezz 2 UT DC, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							BRE Jupiter UT DC, LLC	DE	DS	BRE Jupiter Mezz 1 UT DC, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							BRE Jupiter Holdco Agave DC, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							BRE Jupiter Mezz 2 Agave DC, LLC	DE	DS	BRE Jupiter Holdco Agave DC, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							BRE Jupiter Mezz 1 Agave DC, LLC	DE	DS	BRE Jupiter Mezz 2 Agave DC, LLC	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	100.000	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	
				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	
			47-2167228	4776451			Casa Student Housing Fund Holdings, LLC	DE	DS	Teachers Insurance and Annuity Association of America	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			CSPF-PEP Purdue LLC	DE	DS	PEP-TH CASA Student Housing, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			30-0965548	5195237			CSPF-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	
			56-2672630	4600033			Ceres Agricultural Properties, LLC	DE	DS	Teachers Insurance and Annuity Association of America	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	1900
			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	99.240	TIAA Board of Overseers	N	
				4633321			IAI Australia Pty., Ltd.	AUS	DS	International Agricultural Investors, LLC	Ownership	100.000	TIAA Board of Overseers	N	

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			26-0460488	4633330 4633358		IAI Australia Trust IAI USA, LLC	IAI Australia Trust International Agricultural Investors Fund II, LLC	AUS DE	DS DS	International Agricultural Investors, LLC International Agricultural Investors, LLC	Ownership Ownership	100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers	N N	
			26-2745365	4628363			International Agricultural Investors Fund II, LLC	DE	DS	Ceres Agricultural Properties, LLC International Agricultural Investors Fund II, LLC	Ownership Ownership	99.000 100.000	TIAA Board of Overseers TIAA Board of Overseers	N N	
			26-2747755	4633303 4633312 4633349		IAI Australia Fund II, Pty., Ltd. IAI Australia Fund II Trust IAI USA Fund II, LLC	IAI Australia Fund II, Pty., Ltd. International Agricultural Investors Fund II, LLC International Agricultural Investors Fund II, LLC	AUS AUS DE	DS DS DS	International Agricultural Investors Fund II, LLC International Agricultural Investors Fund II, LLC Teachers Insurance and Annuity Association of America	Ownership Ownership Ownership	100.000 100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	N N N	
			98-1402136			Churchill Middle Market CLO IV Ltd.	Churchill Middle Market Senior Loan Fund, LP	CYM	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-1810508	5041624				DE	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
			81-2914954	5106457		CPF/UIR JV Member LLC		DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-2928112	5110034		CPF/UIR Joint Venture LLC		DE	DS	Teachers Insurance and Annuity Association of America	Ownership	51.000	TIAA Board of Overseers	N	
			81-2955427	5110490		CPF 636 Sixth Avenue LLC		DE	DS	CPF/UIR JV Member LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2264739	4785949		T-C 636 Sixth Avenue Retail LLC		DE	DS	CPF/UIR Joint Venture 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	2000
				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	2000
			26-3049305	4601928		Demeter Agricultural Properties, LLC		DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			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 Holdings, 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		DWM Inclusive Finance Equity Fund II		LUX	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
			98-0580879	4633947		DWM Microfinance Equity Fund I		LUX	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	

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SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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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)	*
			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	36.300	TIAA Board of Overseers	N	2100
							Global Real Estate Debt Partners Fund II (UK) SCSp	LUX	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	1300
			20-1930384		1684621		Gresham CMS Fund, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	98.080	TIAA Board of Overseers	N	
			32-0509812		1699398		GreshamQuant ACAR Fund LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	62.690	TIAA Board of Overseers	N	
			81-0737062	4952750			Growth Capital Fund I, L.P.	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	94.000	TIAA Board of Overseers	N	
							Growth Capital Fund II, L.P.	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							Hillhouse China Value Fund, L.P.	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							IC Partners Onshore Fund	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	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	
			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	
				4634654			Radar Propriedades Agricolas S.A.	BRA	DS	Mansilla Participacoes LTDA	Ownership	65.770	TIAA Board of Overseers	N	2200
				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	
				4634654			Radar Propriedades Agricolas S.A.	BRA	DS	Radar II Propriedades Agricolas S.A.	Ownership	15.310	TIAA Board of Overseers	N	2200
				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	

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SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Y/N)	*
			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	
				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.	Influence		TIAA Board of Overseers	N	2300
				4925530			Cityhold Propco 11 S.à r.l.	LUX	DS	ND Europe Office Holding S.à r.l.	Influence		TIAA Board of Overseers	N	
				4914776			Cityhold Euro S.à r.l.	LUX	DS	ND Europe Office Holding S.à r.l.	Influence		TIAA Board of Overseers	N	2400
				4913416			Cityhold Office Partnership S.à r.l.	LUX	DS	ND Europe Office Holding S.à r.l.	Influence		TIAA Board of Overseers	N	
							CHOP OPCl	FRA	DS	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
			98-1435873				Cityhold Iconic Holding SAS	FRA	DS	CHOP OPCl	Ownership	100.000	TIAA Board of Overseers	N	
			98-1433967				Cityhold Iconic Hotel SNC	FRA	DS	Cityhold Iconic Holding SAS	Ownership	100.000	TIAA Board of Overseers	N	
			98-1433956				Cityhold Iconic Office SCI	FRA	DS	Cityhold Iconic Holding SAS	Ownership	100.000	TIAA Board of Overseers	N	
			98-1433960				Cityhold Iconic Retail SNC	FRA	DS	Cityhold Iconic Holding SAS	Ownership	100.000	TIAA Board of Overseers	N	
			98-1433975				Cityhold Iconic Youth Hostel SNC	FRA	DS	Cityhold Iconic Holding SAS	Ownership	100.000	TIAA Board of Overseers	N	
				4925558			Cityhold Nympe S.à r.l.	LUX	DS	Cityhold Office Partnership S.à r.l.	Ownership	88.000	TIAA Board of Overseers	N	2300
				4920094			Cityhold Propco 6 S.à r.l.	LUX	DS	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
			98-1433939				Cityhold Iconic Hotel OPCO SAS	FRA	DS	Cityhold Propco 6 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
			98-1435880				Cityhold Iconic Investment S.à r.l.	LUX	DS	Cityhold Propco 6 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4925521			Cityhold Propco 9 S.à r.l.	LUX	DS	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4612746			36 Rue La Fayette SAS	FRA	DS	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4613828			SAS Roosevelt	FRA	DS	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4914767			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	99.990	TIAA Board of Overseers	N	2500
				4615578			SNC Roosevelt	FRA	DS	Roosevelt Participation S.à r.l.	Ownership	0.010	TIAA Board of Overseers	N	2500
				4612876			Courcelles 70 SAS	FRA	DS	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4914776			Cityhold Euro S.à r.l.	LUX	DS	Cityhold Propco 9 S.à r.l.	Ownership	88.000	TIAA Board of Overseers	N	2400
				4925549			Cityhold Propco 7 S.à r.l.	LUX	DS	Cityhold Euro S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				4925615			Cityhold Propco 10 S.à r.l.	LUX	DS	Cityhold Euro S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
							Cityhold Gouden Bocht B.V.	NLD	DS	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
							Cityhold Gouden Bocht Monumenten B.V.	NLD	DS	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
			98-1438380				Redevelopment Property II B.V.	NLD	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 Prinses Cooperatief U.A.	NLD	DS	Cityhold EST Investment S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
							Cityhold Prinses AcquiCo Cooperatief BV	NLD	DS	Cityhold Prinses Cooperatief U.A.	Ownership	100.000	TIAA Board of Overseers	N	
							Arc Portfolio Owner Prinses B.V.	NLD	DS	Cityhold Prinses AcquiCo Cooperatief BV	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	2600
				4651343			London Belgrave Unit Trust	JEY	DS	Cityhold UK Investment S.à r.l.	Ownership	0.200	TIAA Board of Overseers	N	2600
				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	2700
				4844341			New Fetter Lane Unit Trust	JEY	DS	Cityhold UK Investment S.à r.l.	Ownership	0.100	TIAA Board of Overseers	N	2700
				4919744			60 Great Portland Street Unit Trust	JEY	DS	Cityhold UK Holding S.à r.l.	Ownership	99.400	TIAA Board of Overseers	N	2800
				4919744			60 Great Portland Street Unit Trust	JEY	DS	Cityhold UK Investment S.à r.l.	Ownership	0.600	TIAA Board of Overseers	N	2800
				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	2900

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				4919744			70 St Mary Axe Unit Trust	JEY	DS	Cityhold UK Investment S.à r.l.	Ownership	0.100	TIAA Board of Overseers	N	2900
				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.a.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	3000
				4615626			Gropius Passagen GmbH & Co KG	DEU	DS	TIAA Lux 11 S.a.r.l	Ownership	0.200	TIAA Board of Overseers	N	3000
				4611842			TIAA Lux 5 S.a.r.l	LUX	DS	ND Properties, Inc.	Ownership	100.000	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	
			20-1371171		1378575		U.S. Cities Fund, LP	DE	DS	ND Properties, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
			20-1371379				U.S. Cities Fund REIT, LLC	DE	DS	U.S. Cities Fund, LP	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	
			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	
			45-2892182				T-C Trio Apartments LLC	DE	DS	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3738136				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				U.S. Cities Industrial CPF Fund REIT LLC	DE	DS	U.S. Cities Industrial Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
							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	
			81-3671343				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	
			81-3757117				U.S. Cities Multifamily CPF Fund LP	DE	DS	U.S. Cities Industrial Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3765537				U.S. Cities Multifamily CPF Fund REIT LLC	DE	DS	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3870674				U.S. Cities Multifamily CPF Fund Operating GP LLC	DE	DS	U.S. Cities Multifamily Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3716920				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	
			81-3794611				U.S. Cities Office CPF Fund LP	DE	DS	U.S. Cities Multifamily Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3814378				U.S. Cities Office CPF Fund REIT LLC	DE	DS	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3911937				U.S. Cities Office CPF Fund Operating GP LLC	DE	DS	U.S. Cities Office Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3881522				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	
			81-3839479				U.S. Cities Retail CPF Fund LP	DE	DS	U.S. Cities Office Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-3437405				U.S. Cities Retail CPF Fund REIT LLC	DE	DS	U.S. Cities Fund Operating, LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3573421				U.S. Cities Retail CPF Fund Operating GP LLC	DE	DS	U.S. Cities Retail Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-3578259				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	
			81-3473773				T-C Potomac Promenade LLC	DE	DS	U.S. Cities Retail Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			27-4116676				TCAM Core Prop Fund REIT 2 LLC	DE	DS	U.S. Cities Retail Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-4935916					DE	DS	U.S. Cities Fund, LP	Ownership	100.000	TIAA Board of Overseers	N	
			82-4183425				New York City Property Fund II LP	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	86.300	TIAA Board of Overseers	N	
			83-4678924				New York City Property Fund REIT LLC	DE	DS	New York City Property Fund II LP	Ownership	100.000	TIAA Board of Overseers	N	

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STATEMENT AS OF MARCH 31, 2020 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)	*
			83-4701919				New York City Fund Operating GP LLC	DE	DS	New York City Property Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-4671194				New York City Property Fund Operating LP	DE	DS	New York City Property Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-3388831				125 West End Investors LLC	DE	DS	New York City Property Fund Operating LP	Ownership	100.000	TIAA Board of Overseers	N	
							125 West End Holdings LLC	DE	DS	125 West End Investors LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-4653622				125 West End Associates LLC	DE	DS	125 West End Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
							NGFF Holdco, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-2320652				Nuveen Global Farmland Fund, LP	DE	DS	NGFF Holdco, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-1895540				Global Farmland US Properties, LLC	DE	DS	Nuveen Global Farmland Fund, LP	Ownership	100.000	TIAA Board of Overseers	N	
			84-1834824				US Horticulture Farmland, LLC	DE	DS	Global Farmland US Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-1857338				US Row Farmland, LLC	DE	DS	Global Farmland US Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-1842298				US Viticulture Farmland, LLC	DE	DS	Global Farmland US Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-1880235				Nuveen High Yield Municipal Opportunities Fund LP	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	68.860	TIAA Board of Overseers	N	
							Nuveen Municipal Opportunities Fund LP	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	74.420	TIAA Board of Overseers	N	
			81-2429791	5194061			Nuveen Real Estate U.S. Strategic Industrial Fund I LP	DE	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
							Occator Agricultural Properties, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			26-4750562	4600846			AGR Agricultural Investments, LLC	DE	DS	Occator Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1768969	4611860			Ridley Corporation Limited	AUS	DS	AGR Agricultural Investments	Influence		TIAA Board of Overseers	N	
				4643861			Mandala Food Co-Investment Holdings II SPV	MUS	DS	Occator Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				5106475			Materra, LLC	CA	DS	Occator Agricultural Properties, LLC	Influence		TIAA Board of Overseers	N	
			45-1125143	4628608			Teays River Investments, LLC	DE	DS	Occator Agricultural Properties, LLC	Influence		TIAA Board of Overseers	N	
			26-4621336	4644475						Teachers Insurance and Annuity Association of America					
							Oleum Holding Company, Inc.	DE	DS	Oleum Holding Company, Inc.	Ownership	100.000	TIAA Board of Overseers	Y	
							2234328 Alberta ULC	CAN	DS	Oleum Holding Company, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
							Polar Star Canadian Oil and Gas Holding, Inc	CAN	DS	Oleum Holding Company, Inc.	Ownership	100.000	TIAA Board of Overseers	N	
							4313100			Polar Star Canadian Oil and Gas Holding, Inc	Management		TIAA Board of Overseers	N	
							4612755			Polar Star Canadian Oil and Gas Holding, Inc	Ownership	100.000	TIAA Board of Overseers	N	
							4936095			Polar Star Canadian Oil and Gas Holding, Inc	Ownership	100.000	TIAA Board of Overseers	N	
							4313128			Polar Star Canadian Oil and Gas Holding, Inc	Ownership	100.000	TIAA Board of Overseers	N	
							26-3821015			Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
							4630133			Teachers Insurance and Annuity Association of America					
			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	
							Renewable Timber Europe, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			45-2792614	4601142			Renewable Timber Netherlands B.V.	POL	DS	Renewable Timber Europe, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4990994			Topola Lasy Spolka z.o.o.	POL	DS	Renewable Timber Netherlands B.V.	Ownership	100.000	TIAA Board of Overseers	N	
				4614713						Teachers Insurance and Annuity Association of America					
							61-1640765			Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							4601759			Teachers Insurance and Annuity Association of America					
							Forestal y Agricola Silvoligna Chile Limitada	CHL	DS	Renewable Timber Resources, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							4611927			Teachers Insurance and Annuity Association of America					
							03-0543113			Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							4868637			Teachers Insurance and Annuity Association of America					
							4858629			Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							4630601			Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Overseers	N	
							Stichting Bewaarder Ziemia Fund	NLD	DS	Teachers Insurance and Annuity Association of America					

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STATEMENT AS OF MARCH 31, 2020 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)	*
			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	
			81-2525521	4998468 5077128			T-C 400 Montgomery, LLC 400 Montgomery Investors, LLC	DE DE	DS DS	Teachers Insurance and Annuity Association of America T-C 400 Montgomery, LLC	Ownership Ownership	100.000 97.500	TIAA Board of Overseers TIAA Board of Overseers	N 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	
			27-3095569	4644000	1510620		T-C 685 Third Avenue, LLC	DE	DS	T-C 685 Third Avenue Member, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			61-1754745	4843915			T-C 685 Third Avenue Owner LLC	DE	DS	T-C 685 Third Avenue, 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	
				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	
							TGA Australia Real Estate Trust 2	AUS	DS	T-C Australia RE Holdings II, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							TGA PBSA Hold Trust	AUS	DS	TGA Australia Real Estate Trust 2	Ownership	100.000	TIAA Board of Overseers	N	
							TGA PBSA Asset Trust 1	AUS	DS	TGA PBSA Hold Trust	Ownership	100.000	TIAA Board of Overseers	N	
							TGA PBSA Asset Trust 2	AUS	DS	TGA PBSA Hold Trust	Ownership	100.000	TIAA Board of Overseers	N	
							TGA PBSA Asset Trust 3	AUS	DS	TGA PBSA Hold Trust	Ownership	100.000	TIAA Board of Overseers	N	
							TGA PBSA Hold Trust 2	AUS	DS	TGA Australia Real Estate Trust 2	Ownership	100.000	TIAA Board of Overseers	N	
							TGA PBSA Asset Trust 4	AUS	DS	TGA PBSA Hold Trust 2	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	3100
			47-2369576	4794473			T-C Europe LP	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	99.000	TIAA Board of Overseers	N	3100
				4843410			T-C Europe S.à r.l.	LUX	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	
							Castel Quelfo I SRL	ITA	DS	Neptune Property Venture 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	
				5083651			Neptune Madrid Holdco S.L.	ESP	DS	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
				5085691			Neptune Nassica Propco S.L.	ESP	DS	Neptune Madrid Holdco S.L.	Ownership	100.000	TIAA Board of Overseers	N	
				5085703			Neptune Getafe Propco 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	
				5084939			Neptune San Sebastian Outlet S.L.	ESP	DS	Neptune Madrid Holdco S.L.	Ownership	100.000	TIAA Board of Overseers	N	
				4948687			Neptune OPC 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 OPC SAS	Ownership	100.000	TIAA Board of Overseers	N	
				4901383			Roppenheim Outlet SNC	FRA	DS	Roppenheim Holding SAS	Ownership	99.990	TIAA Board of Overseers	N	3200
				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	
				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	

STATEMENT AS OF MARCH 31, 2020 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	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)	*
				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	
							Neptune Amsterdam B.V.	.MLD	DS	Neptune Property Holding S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
							Silesia Outlet sp. z.o.o.	.POL	DS	Neptune Property Holding S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
				4949085			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	0.010	TIAA Board of Overseers	.N	3200
				5083642			Neptune Vicolungo I S.r.l.	.ITA	DS	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Overseers	.N	
							Teachers Insurance and Annuity Association of America								
			45-287772	4601786			T-C GA Real Estate Holdings, LLC	.DE	DS		Ownership	100.000	TIAA Board of Overseers	.N	
			46-0959792	4611936			8 Spruce Street GA Investor, LLC	.DE	DS	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-1403221	4619567			FC 8 Spruce Holdings, LLC	.DE	DS	8 Spruce Street GA Investor, LLC	Influence		TIAA Board of Overseers	.N	
				4511867			FC 8 Spruce Street Residential, LLC	.NY	DS	FC 8 Spruce Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			84-2144204				2300 Broadway Storage Operator LLC	.DE	DS	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			82-1419222	5194360			Nuveen Global Cities REIT, Inc.	.MD	DS	T-C GA Real Estate Holdings, LLC	Ownership	78.940	TIAA Board of Overseers	.N	
			82-1502883	5198788			Nuveen Global Cities REIT LP, LLC	.DE	DS	Nuveen Global Cities REIT, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
			82-1507998	5198797			Nuveen Global Cities REIT OP, LP	.DE	DS	Nuveen Global Cities REIT, Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
			82-3527067	5205060			NR 844 North LLC	.DE	DS	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
			84-3576911				NR 9725 Datapoint Drive LLC	.DE	DS	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
							NR APOF Investor Ltd.	.CYM	DS	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
			82-5519657				NR Defoor Hills LLC	.DE	DS	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
			82-3539243	5205088			NR Denver Industrial Portfolio LLC	.DE	DS	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
			83-3651003				NR East Segó Lily LLC	.DE	DS	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
							NR ECF Investor Ltd.	.CYM	DS	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
			84-3175301				NR Globe Street Industrial LLC	.DE	DS	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
			83-1495411				NR Henderson 215 LLC	.DE	DS	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
			82-3556058	5205079			NR Kirkland Crossing LLC	.DE	DS	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
			83-1815798				NR Main Street at Kingwood LLC	.DE	DS	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
			82-5503093				NR Tacara at Steiner Ranch LLC	.DE	DS	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
			83-4298885				Nuveen Global Cities REIT Lending, LLC	.DE	DS	Nuveen Global Cities REIT OP, LP	Ownership	100.000	TIAA Board of Overseers	.N	
			47-1535030	4750022			T-C 2 Herald Square Member LLC	.DE	DS	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			47-1650509	4751711			T-C 2 Herald Square Venture LLC	.DE	DS	T-C 2 Herald Square Member LLC	Ownership	51.000	TIAA Board of Overseers	.N	
			47-1488131	4753573	1629144		T-C 2 Herald Square Owner LLC	.DE	DS	T-C 2 Herald Square Venture LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			27-2952349	4612045			T-C 1101 Pennsylvania Avenue LLC	.DE	DS	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			27-2952617	4651398			T-C 1101 Pennsylvania Avenue Venture LLC	.DE	DS	T-C 1101 Pennsylvania Avenue LLC	Ownership	51.000	TIAA Board of Overseers	.N	
			27-2952860	4863472	1577584		T-C 1101 Pennsylvania Avenue Owner LLC	.DE	DS	T-C 1101 Pennsylvania Avenue Venture LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-1851206	4611954			T-C 33 Arch Street Member, LLC	.DE	DS	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-1805501	4613985			T-C 33 Arch Street Venture, LLC	.DE	DS	T-C 33 Arch Street Member, LLC	Ownership	51.000	TIAA Board of Overseers	.N	
			45-2792699	4617198	1577586		T-C 33 Arch Street, LLC	.DE	DS	T-C 33 Arch Street Venture, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-1754709	4612018			T-C 470 Park Avenue South Member LLC	.DE	DS	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-1744112	4613994			T-C 470 Park Avenue South Venture LLC	.DE	DS	T-C 470 Park Avenue South Member LLC	Ownership	51.000	TIAA Board of Overseers	.N	
			46-1828055	4612036			T-C 475 Fifth Avenue Member, LLC	.DE	DS	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-1839003	4614889			T-C 475 Fifth Avenue Venture LLC	.DE	DS	T-C 475 Fifth Avenue Member, LLC	Ownership	51.000	TIAA Board of Overseers	.N	
			45-3229803	4617330	1577564		T-C 475 Fifth Avenue, LLC	.DE	DS	T-C 475 Fifth Avenue Venture LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			47-2189075	4763312			T-C 800 17th Street NW Member LLC	.DE	DS	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			47-2118640	4763787			T-C 800 17th Street NW Venture LLC	.DE	DS	T-C 800 17th Street NW Member LLC	Ownership	50.100	TIAA Board of Overseers	.N	
			47-2069910	4767730	1629146		T-C 800 17th Street NW Owner LLC	.DE	DS	T-C 800 17th Street NW Venture LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			47-4665824	4904366			T-C 888 Brannan Member LLC	.DE	DS	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			47-4684031	4904955			T-C 888 Brannan Venture LLC	.DE	DS	T-C 888 Brannan Member LLC	Ownership	50.100	TIAA Board of Overseers	.N	
			47-4674147	4908319			T-C 888 Brannan Owner LLC	.DE	DS	T-C 888 Brannan Venture LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			47-5605380	4971845			T-C 888 Brannan TRS, LLC	.DE	DS	T-C 888 Brannan Owner LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			45-3479701	4612081			T-C 2300 Broadway, LLC	.DE	DS	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-1220681	4612139			T-C Aspira LLC	.DE	DS	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
			46-1791581	4612054			T-C Franklin Square Member, LLC	.DE	DS	T-C GA Real Estate Holdings, 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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			46-1794486	4615569			T-C Franklin Square Venture LLC	DE	DS	T-C Franklin Square Member, LLC	Ownership	51.000	TIAA Board of Overseers	N	
			26-0011770	4617611	1577581		TIAA Franklin Square, LLC	DE	DS	T-C Franklin Square Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2023405	4763303			T-C Hall of States Member LLC	DE	DS	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2043468	4763796			T-C Hall of States Venture LLC	DE	DS	T-C Hall of States Member LLC	Ownership	50.100	TIAA Board of Overseers	N	
			47-2034237	4767749	1629145		T-C Hall of States Owner LLC	DE	DS	T-C Hall of States Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			45-4045658	4612148			T-C Kings Crossing, LLC	DE	DS	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-1120016	4601973			T-C Legacy Place Member, LLC	DE	DS	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			46-0876833	4628550			Legacy Place Associates, LLC	MA	DS	T-C Legacy Place Member, LLC	Ownership	50.000	TIAA Board of Overseers	N	
							300 Legacy Place Boulevard LLC	DE	DS	Legacy Place Associates, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Legacy Place Properties, LLC	MA	DS	Legacy Place Associates, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2903922	4843326			T-C Republic Square Member LLC	DE	DS	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2867784	4843979			T-C Republic Square Venture LLC	DE	DS	T-C Republic Square Member LLC	Ownership	50.100	TIAA Board of Overseers	N	
			47-3033681	4844659			T-C Republic Square REIT LLC	DE	DS	T-C Republic Square Venture LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-3091198	4844798			T-C Republic Square Mezzanine LLC	DE	DS	T-C Republic Square REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-2793452	4847735			T-C Republic Square Owner LLC	DE	DS	T-C Republic Square Mezzanine LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-1379500	4749969			The Flats Holding Company LLC	DE	DS	T-C GA Real Estate Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-1347366	4752503			The Flats 130 DC Residential LLC	DE	DS	The Flats Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-1363564	4752512			The Flats 140 DC Residential LLC	DE	DS	The Flats Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-1367530	4751766			The Flats DC Grocery LLC	DE	DS	The Flats Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Teachers Insurance and Annuity Association of America	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			46-4567368	4651473			T-C JK I, LLC	DE	DS	T-C JK I, LLC	Ownership	51.000	TIAA Board of Overseers	N	3300
				4680316			Adeoti Empreendimentos Imobiliários Ltda	BRA	DS	Teachers Insurance and Annuity Association of America	Ownership	49.000	TIAA Board of Overseers	N	3300
							T-C JK II, LLC	DE	DS	T-C JK II, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4651482			Adeoti Empreendimentos Imobiliários Ltda	BRA	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				4680316						Teachers Insurance and Annuity Association of America	Ownership	24.300	TIAA Board of Overseers	N	2100
			47-4095803	4864022			T-C Lux Fund Holdings LLC	DE	DS	T-C Lux Fund Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
				4896256			T-C Lux Investments Special Limited Partnership	LUX	DS	T-C Lux Investments Special Limited Partnership	Influence		TIAA Board of Overseers	N	1200
							European Cities Partnership SCSp	LUX	DS	T-C Lux Investments Special Limited Partnership	Ownership	24.300	TIAA Board of Overseers	N	2100
				4894805			Global Real Estate Debt Partners Fund I (UK)	LUX	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-4583865	5137956			T-C MV Member LLC	DE	DS	T-C MV Member LLC	Ownership	99.900	TIAA Board of Overseers	N	
			81-4599024	5147049			T-C M-T REIT LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							T-C MV Member II LLC	DE	DS	T-C MV Member II LLC	Ownership	51.000	TIAA Board of Overseers	N	
							T-C M-T REIT II LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			47-1954609	4759605			T-C Mt. Ommaney Centre Holding Company LLC	DE	DS	T-C Mt. Ommaney Centre Holding Company LLC	Ownership	100.000	TIAA Board of Overseers	N	
			47-1828871	4749905			T-C Mt. Ommaney Centre LLC	DE	DS	Teachers Insurance and Annuity Association of America	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	
			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	
			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	

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SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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			81-2691474	5014299		T-C UK RE Holdings II, LLC	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	T-C UK RE Holdings III, LLC	DE	DS	T-C UK RE Holdings III, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				5044586		Thurrock Retail Park Unit Trust	Thurrock Retail Park Unit Trust	JEY	DS	T-C UK RE Holdings III, LLC	Ownership	99.500	TIAA Board of Overseers	N	3400
				5044586		Thurrock Retail Park Unit Trust	Thurrock Retail Park Unit Trust	JEY	DS	T-C UK RE Holdings II, LLC	Ownership	0.500	TIAA Board of Overseers	N	3400
			47-3148337	4894869		T-C U.S. Super Regional Mall Fund LP	T-C U.S. Super Regional Mall Fund LP	DE	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
			47-5379777	4925512		T-C Waterford Blue Lagoon General Partner, LLC	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	Waterford Blue Lagoon LP	DE	DS	T-C Waterford Blue Lagoon General Partner, LLC	Ownership	1.000	TIAA Board of Overseers	N	3500
			47-5375805	4925503		T-C Waterford Blue Lagoon, LLC	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	Waterford Blue Lagoon LP	DE	DS	T-C Waterford Blue Lagoon, LLC	Ownership	50.000	TIAA Board of Overseers	N	3500
			81-0779817	4930226		Westland At Waterford REIT General Partner LLC	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	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	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	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	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	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	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	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	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	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	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	1000 Waterford Operating LP	DE	DS	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5445045	4933115		701-703 Waterford General Partner LLC	701-703 Waterford General Partner LLC	DE	DS	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5471474	4933049		701-703 Waterford Operating LP	701-703 Waterford Operating LP	DE	DS	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			82-2631273	5165557		Waterford Core REIT General Partner LLC	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	Waterford Core REIT LP	DE	DS	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Overseers	N	
						Waterford Core 800 REIT General Partner LLC	Waterford Core 800 REIT General Partner LLC	DE	DS	Waterford Core REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			84-3541603			Waterford Core 800 REIT LP	Waterford Core 800 REIT LP	DE	DS	Waterford Core REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			81-0733012	4930217		Waterford Core General Partner LLC	Waterford Core General Partner LLC	DE	DS	Waterford Core 800 REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-5587163	4928661		Waterford Core Operating LP	Waterford Core Operating LP	DE	DS	Waterford Core 800 REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			82-2663579	5165548		Waterford Core II Operating LP	Waterford Core II Operating LP	DE	DS	Waterford Core REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
			82-2672297	5165539		Waterford Core II General Partner LLC	Waterford Core II General Partner LLC	DE	DS	Waterford Core REIT LP	Ownership	100.000	TIAA Board of Overseers	N	
						Taiyo Hinata Fund, L.P.	Taiyo Hinata Fund, L.P.	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-2146865	5041688		TEFF Holdco LLC	TEFF Holdco LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			98-1310748	5041660		TIAA European Farmland Fund GP LP	TIAA European Farmland Fund GP LP	CYM	DS	TEFF Holdco LLC	Ownership	50.000	TIAA Board of Overseers	N	400
			98-1310748	5042658		TIAA European Farmland Fund LP	TIAA European Farmland Fund LP	CYM	DS	TEFF Holdco LLC	Management		TIAA Board of Overseers	N	
				5043066		TEFF Holding S.a.r.l	TEFF Holding S.a.r.l	LUX	DS	TIAA European Farmland Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
				5044607		TEFF Investments B.V.	TEFF Investments B.V.	NLD	DS	TEFF Holding S.a.r.l	Ownership	100.000	TIAA Board of Overseers	N	
						Areal III Spolka z o.o.	Areal III Spolka z o.o.	POL	DS	TEFF Investments B.V.	Ownership	100.000	TIAA Board of Overseers	N	
						Hodowla Zwierzat Zarodowych Choczewo Spolka z o.o.	Hodowla Zwierzat Zarodowych Choczewo Spolka z o.o.	POL	DS	Areal III SP. z o.o.	Ownership	100.000	TIAA Board of Overseers	N	
						Hodowla Zwierzat Zarodowych Wierzchucino Spolka z o.o.	Hodowla Zwierzat Zarodowych Wierzchucino Spolka z o.o.	POL	DS	Areal III SP. z o.o.	Ownership	100.000	TIAA Board of Overseers	N	
						Hodowla Zwierzat Zarodowych Zarnowiec Spolka z o.o.	Hodowla Zwierzat Zarodowych Zarnowiec Spolka z o.o.	POL	DS	Areal III SP. z o.o.	Ownership	100.000	TIAA Board of Overseers	N	
				5093856		Dangro Invest SA	Dangro Invest SA	DNK	DS	TEFF Investments B.V.	Ownership	100.000	TIAA Board of Overseers	N	
				5117408		AGRA Spolka z o.o.	AGRA Spolka z o.o.	POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	N	

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				5116456			AGAT Spolka z o.o.	.POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	N	
				5116447			AGRAMAX Spolka z o.o.	.POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	N	
				5116429			AGRIFARM Spolka z o.o.	.POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117332			AGRO - DUBLINY SP. z o.o.	.POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117341			AGROSERVICE Spolka z o.o.	.POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117350			AMAL Spolka z o.o.	.POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	N	
							CISY Spolka z o.o.	.POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117369			KOLNO Spolka z o.o.	.POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117378			MILKOWO Sp. Z o.o.	.POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117387			SEE-AGRO SP. z o.o.	.POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117396			SATOPY Spolka z o.o.	.POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	N	
				5104556			Pszenrol SA	.POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117417			AGROLAND Spolka z o.o.	.POL	DS	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117426			AGROPOL Spolka z o.o.	.POL	DS	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117435			BUDUS Spolka z o.o.	.POL	DS	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117444			CIESZYSZLAW SP z o.o.	.POL	DS	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117453			FARMEX Spolka z o.o.	.POL	DS	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117462			JASIONNO Spolka z o.o.	.POL	DS	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117640			ROLA Spolka z o.o.	.POL	DS	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117659			ROLPOL Spolka z o.o.	.POL	DS	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117668			ROLZBUD Spolka z o.o.	.POL	DS	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117695			SOBIERADZ Spolka z o.o.	.POL	DS	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117677			TELYN SP. z o.o.	.POL	DS	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117686			TOKARY Sp. z o.o.	.POL	DS	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117707			TURKUS SP. z o.o.	.POL	DS	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117761			WALICHNOWY Sp. z o.o.	.POL	DS	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117770			WEZINY SP. z o.o.	.POL	DS	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117789			ZIEMROL Spolka z o.o.	.POL	DS	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	N	
				5117798			LOZICE Sp. z o.o.	.POL	DS	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	N	
				5098486			Adamas SA	.POL	DS	Pszenrol SA	Ownership	100.000	TIAA Board of Overseers	N	
				5116586			AMBER SP. z o.o.	.POL	DS	Adamas SA	Ownership	100.000	TIAA Board of Overseers	N	
				5116522			JAROSLAWSKO I SP. z o.o.	.POL	DS	Adamas SA	Ownership	100.000	TIAA Board of Overseers	N	
				5116513			JAROSLAWSKO II SP. z o.o.	.POL	DS	Adamas SA	Ownership	100.000	TIAA Board of Overseers	N	
				5116492			OGARDY SP. z o.o.	.POL	DS	Adamas SA	Ownership	100.000	TIAA Board of Overseers	N	
				5116483			OPAL SP z o.o.	.POL	DS	Adamas SA	Ownership	100.000	TIAA Board of Overseers	N	
				5116465			SZAFIR SP. z o.o.	.POL	DS	Adamas SA	Ownership	100.000	TIAA Board of Overseers	N	
							Gospodarstwo Okopy Sp. z o.o.	.POL	DS	TEFF Investments B.V.	Ownership	100.000	TIAA Board of Overseers	N	
							Przedsiębiorstwo Rolne Okopy Sp. z o.o.	.POL	DS	Gospodarstwo Okopy Sp. z o.o.	Ownership	100.000	TIAA Board of Overseers	N	
							Agrohop Bielice Sp. z o.o.	.POL	DS	Gospodarstwo Okopy Sp. z o.o.	Ownership	100.000	TIAA Board of Overseers	N	
							Agrohop Service Sp. z o.o.	.POL	DS	Agrohop Bielice Sp. z o.o.	Ownership	100.000	TIAA Board of Overseers	N	
							Agrohop Sp. z o.o.	.POL	DS	Agrohop Service Sp. z o.o.	Ownership	100.000	TIAA Board of Overseers	N	
							Agrohop Bis Sp. z o.o.	.POL	DS	Agrohop Sp. z o.o.	Ownership	100.000	TIAA Board of Overseers	N	
			84-3332496				TGA 10th Street Business Park LLC	.DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			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	

STATEMENT AS OF MARCH 31, 2020 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)	*
			82-4830474				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	27.700	TIAA Board of Overseers	N	3600
							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	27.700	TIAA Board of Overseers	N	3600
			84-3830265				TGA Auburn Business Park LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3285557				TGA Aurora DC III LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3475931				TGA Baltimore IC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			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	
			84-3303586				TGA Beckwith Farms LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3314123				TGA Bedford Park LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-2939313				TGA Cactus DC I LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-2939493				TGA Cactus DC II LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3523623				TGA Capital Beltway CC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3487859				TGA Center Square DC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3314029				TGA Centerpointe 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	
			84-4376282				TGA Central Square Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-4880676				TGACSE Central Square Holdings LLC	DE	DS	TGA Central Square Investor Member LLC	Ownership	95.000	TIAA Board of Overseers	N	
			84-4893448				TGACSE Central Square LLC	DE	DS	TGACSE Central Square Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-4923976				TGACSE Midwood Corners LLC	DE	DS	TGACSE Central Square Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-4893383				TGACSE Morningside LLC	DE	DS	TGACSE Central Square Holdings LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-4924033				TGACSE Triangle LLC	DE	DS	TGACSE Central Square Holdings LLC	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	
							TGA East Coronado Industrial LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							TGA East Miraloma Industrial LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							TGA Emerald Corporate Park LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3502383				TGA Englewood DC LLC	DE	DS	Teachers Insurance and Annuity Association of America	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	

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SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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							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	
							CB Krieau Dzwei GmbH	AUT	DS	Eagle JVCo S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
							Viertel Zwei Entwicklung GmbH & Co Studenthouse KG	AUT	DS	CB Krieau Dzwei GmbH	Ownership	6.000	TIAA Board of Overseers	N	3700
							Eagle Austria Holdings S.à r.l.	LUX	DS	Eagle JVCo S.à r.l.	Ownership	100.000	TIAA Board of Overseers	N	
							Viertel Zwei Entwicklung GmbH & Co Studenthouse KG	AUT	DS	Eagle Austria Holdings S.à r.l.	Ownership	94.000	TIAA Board of Overseers	N	3700
							Studenthouse Rua Manuel Pereira, S.A	PRT	DS	Eagle JVCo S.à r.l.	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	
			84-3523773				TGA Franklin Square IC I LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3523813				TGA Franklin Square IC II LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3332846				TGA Freeport DC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3463522				TGA Greenstone Logistics Center LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3475313				TGA Hagerstown DC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3523721				TGA Hollins End LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			81-3602072	5040551			TGA I-95 DC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				5047710			TGA Japan Holdings, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
				5048771			TGA Japan Holdings Pte Ltd	SGP	DS	TGA Japan Holdings, LLC	Ownership	100.000	TIAA Board of Overseers	N	
				5049929			TGA Japan GK Holdings Pte Ltd	SGP	DS	TGA Japan Holdings Pte Ltd	Ownership	100.000	TIAA Board of Overseers	N	
				5049938			TGA Ginza115 GK	JPN	DS	TGA Japan GK Holdings Pte Ltd	Ownership	99.000	TIAA Board of Overseers	N	
				5048762			TGA Ginza115 TMK	JPN	DS	TGA Japan GK Holdings Pte Ltd	Ownership	51.000	TIAA Board of Overseers	N	3800
				5049938			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	3800
				5050064			TGA Ginza115 ISH	JPN	DS	TGA Ginza 115 Holdings Pte Ltd	Ownership	100.000	TIAA Board of Overseers	N	
			84-3718861				TGA JL Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-4376472				TGA JL II Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							661 Dulles Park CT PJV, LLC	DE	DS	TGA JL II Investor Member LLC	Ownership	95.000	TIAA Board of Overseers	N	
			84-3523582				TGA Landover DC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							TGA Maryland Farms Holdings LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							U.S. Cities Office Fund Maryland Farms Co-Invest	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	49.000	TIAA Board of Overseers	N	1000
			84-2765297				TGA MH Investor Member LLC	DE	DS	TGA Maryland Farms Holdings LLC	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	Teachers Insurance and Annuity Association of America	Ownership	60.000	TIAA Board of Overseers	N	
			82-1187131				TGA MKP REIT LLC	DE	DS	TGA MKP Member LLC	Ownership	100.000	TIAA Board of Overseers	N	
										TGA MKP Venture 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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			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	
			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 Bentonville, 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 Buda, 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 Evans Rd, 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 Highway 521 Storage, 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 Midtown Atlanta, 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 South End, 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 SW Austin, LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	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 Yorktown, 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	
							TGA NJAHP II Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							HVPF NJ BX, LLC	DE	DS	TGA NJAHP II Investor Member LLC	Ownership	90.000	TIAA Board of Overseers	N	
							TGA North Miller Industrial 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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							TGA North Orange Industrial LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	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	
			84-4774106				TGA O'Hare Logistics Center IV LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3254652				TGA Park 355 LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3254103				TGA Park 55 LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3254979				TGA Park 88 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	
			84-3285659				TGA Prairie Point LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							TGA Renton Park 405 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	
			84-3487605				TGA Somerset IC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3476142				TGA Somerset IC II 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	
			83-1869400				MPSP Ashwood Homes LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1869494				MPSP Ashwood MHC LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2331138				MPSP Beltline Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2345909				MPSP Beltline Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2216330				MPSP Beltline MHC LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1088601				MPSP Center Grove Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2290040				MPSP Center Grove Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-1076792				MPSP Center Grove MHC LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2158715				MPSP Colinas South Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2158791				MPSP Colinas South Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2169896				MPSP Colinas South MHC LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2169973				MPSP Estancia Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2277681				MPSP Estancia Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	

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SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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			84-1976109				MPSP Estancia MHC LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-4260197				MPSP Fairlane Oaks Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-4283444				MPSP Fairlane Oaks Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-4241248				MPSP Fairlane Oaks MHC LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2290488				MPSP Lakeview Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2319726				MPSP Lakeview Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2199063				MPSP Lakeview 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	
			83-2548459				MPSP Lemon Tree 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	
			83-1230714				MPSP Mobile Gardens MHC LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2379528				MPSP Parker Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2389423				MPSP Parker Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2247177				MPSP Parker MHC LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2277774				MPSP Seven Oaks Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2290439				MPSP Seven Oaks Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2198856				MPSP Seven Oaks 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	
			83-2700544				MPSP Shiloh MHC LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2428644				MPSP South Concho Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2436652				MPSP South Concho Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2261982				MPSP South Concho MHC LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2736822				MPSP Stonegate Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2736936				MPSP Stonegate 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	
			84-2319873				MPSP TC GH Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	

STATEMENT AS OF MARCH 31, 2020 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)	*
			84-2331064				MPSP TC GH Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2216156				MPSP TC GH MHC LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2389479				MPSP TC Sherman Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2428588				MPSP TC Sherman Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2247220				MPSP TC Sherman MHC LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2345969				MPSP Wildwood Acres Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2361787				MPSP Wildwood Acres Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2239609				MPSP Wildwood Acres MHC LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2361842				MPSP Wildwood Village Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2379481				MPSP Wildwood Village Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2239646				MPSP Wildwood Village 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	
			83-2861026				MPSP Windsong MHC LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-3255382				TGA Sterling DC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3093962				TGA The Warehouse At CH Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3055465				TGAP The Warehouse At CH Owner LLC	DE	DS	TGA The Warehouse At CH Investor Member LLC	Ownership	98.500	TIAA Board of Overseers	N	
			84-3055701				TGAP The Warehouse At CH LLC	DE	DS	TGAP The Warehouse At CH Owner LLC	Ownership	100.000	TIAA Board of Overseers	N	
							TGA Tri-State Commerce Center LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3830895				TGA Van Dorens West LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-3527380				TGA Washington DC CC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			84-2939589				TGA Westport Distribution Center LLC	DE	DS	Teachers Insurance and Annuity Association of America	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	99.700	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	
			84-1905731				TIAA CLO I Holding, LLC	DE	DS	TIAA CLO I Ltd	Ownership	100.000	TIAA Board of Overseers	N	

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SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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			84-1921751				TIAA CLO II Ltd TIAA CLO II LLC TIAA CLO II Holding, LLC	..CYM ..DE ..DE	..DS ..DS ..DS	Teachers Insurance and Annuity Association of America TIAA CLO II Ltd TIAA CLO II Ltd	Management Ownership Ownership		TIAA Board of Overseers TIAA Board of Overseers TIAA Board of Overseers	..N ..N ..N	
				5157860			TIAA CLO III Ltd. TIAA CLO III LLC	..CYM ..DE	..DS ..DS	Teachers Insurance and Annuity Association of America TIAA CLO III Ltd.	Management Ownership		TIAA Board of Overseers TIAA Board of Overseers	..N ..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	
			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	
			47-4570655	4900498			TIAA Diversified Public Investments, LLC	..DE	..DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	..N	
			90-0615674	3838857	1502749		TIAA FSB Holdings, Inc. Everbank Funding, LLC	..DE ..DE	..DS ..DS	Teachers Insurance and Annuity Association of America TIAA FSB Holdings, Inc.	Ownership Ownership	100.000 100.000	TIAA Board of Overseers TIAA Board of Overseers	..Y ..N	
			59-3531592	2735146			TIAA, FSB	..US	..DS	TIAA FSB Holdings, Inc.	Ownership	100.000	TIAA Board of Overseers	..N	
			59-3547521	4318057			AMC Holding, Inc.	..FL	..DS	TIAA, FSB	Ownership	100.000	TIAA Board of Overseers	..N	
			43-1823879	4318066			Customerone Financial Network, Inc.	..DE	..DS	AMC Holding, Inc.	Ownership	100.000	TIAA Board of Overseers	..N	
			36-1208070	4460817			Business Property Lending, Inc.	..DE	..DS	TIAA, FSB	Ownership	100.000	TIAA Board of Overseers	..N	
			11-3642567	4318178			Elite Lender Services, Inc.	..FL	..DS	TIAA, FSB	Ownership	100.000	TIAA Board of Overseers	..N	
			61-1560018	4318217	1436613		Tygris Commercial Financial Group, Inc.	..DE	..DS	TIAA, FSB	Ownership	100.000	TIAA Board of Overseers	..N	
			20-0716627	4318226			TIAA Commercial Finance, Inc.	..DE	..DS	Tygris Commercial Financial Group, Inc.	Ownership	100.000	TIAA Board of Overseers	..N	
			26-2483829	3867400			Tygris Asset Finance, Inc.	..DE	..DS	Tygris Commercial Financial Group, Inc.	Ownership	100.000	TIAA Board of Overseers	..N	
			81-1241294	4979391			TIAA GBS Holding LLC TIAA GBS Singapore Holding Company Pte. Ltd.	..DE	..DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	..N	
				5003789			TIAA Global Business Services (India) Private Limited	..SGP	..DS	TIAA GBS Holding LLC TIAA GBS Singapore Holding Company Pte. Ltd.	Ownership	100.000	TIAA Board of Overseers	..N	
				5006838			TIAA Global Ag Holdco LLC	..IND	..DS	TIAA GBS Holding LLC TIAA GBS Singapore Holding Company Pte. Ltd.	Ownership	100.000	TIAA Board of Overseers	..N	
			27-5551198	4599267			Global Agriculture AIV (US) LLC	..DE	..DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	..N	
			45-5044364	4627124			Global Ag Properties USA LLC	..DE	..DS	TIAA Global Ag Holdco LLC	Ownership	98.100	TIAA Board of Overseers	..N	
			45-1531685	4643580			Loma del Rio Vineyards, LLC	..DE	..DS	Global Agriculture AIV (US), LLC	Management		TIAA Board of Overseers	..N	
			80-0843991	4644877			Sugarloaf Vineyard, LLC	..DE	..DS	Global Ag Properties USA LLC	Ownership	55.000	TIAA Board of Overseers	..N	1900
			46-2577906	4643973			Global Agriculture II AIV (US) LLC	..DE	..DS	Global Ag Properties USA LLC	Ownership	100.000	TIAA Board of Overseers	..N	
			47-1083514	4753582			Global Ag Properties II USA LLC	..DE	..DS	TIAA Global Ag Holdco LLC	Ownership	100.000	TIAA Board of Overseers	..N	
			47-1069783	4755438			TIAA-CREF Global Agriculture LLC	..DE	..DS	Global Agriculture II AIV (US) LLC	Ownership	50.000	TIAA Board of Overseers	..N	
			27-5551341	4639994			Global AG Properties Australia Pty, Ltd	..DE	..DS	TIAA Global Ag Holdco LLC	Management		TIAA Board of Overseers	..N	
				4643357			Global AG Properties Australia Trust	..AUS	..DS	TIAA-CREF Global Agriculture LLC	Ownership	100.000	TIAA Board of Overseers	..N	
				4643571			Nova Gaia Brasil Participaco Ltda.	..AUS	..DS	TIAA-CREF Global Agriculture LLC	Ownership	100.000	TIAA Board of Overseers	..N	
				4643094			Tellus Brasil Participaco S.A.	..BRA	..DS	TIAA-CREF Global Agriculture LLC	Ownership	99.990	TIAA Board of Overseers	..N	3900
				4644493			Terraviva Brasil Participaco Ltda.	..BRA	..DS	Nova Gaia Brasil Participaco Ltda.	Management		TIAA Board of Overseers	..N	4000
				4644484			Tellus Brasil Participaco S.A.	..BRA	..DS	Nova Gaia Brasil Participaco Ltda.	Ownership	99.990	TIAA Board of Overseers	..N	4100
				4644493			Terraviva Brasil Participaco Ltda.	..BRA	..DS	Terraviva Brasil Participaco Ltda.	Management		TIAA Board of Overseers	..N	4000
				4863490			Agrobio Investimentos e Participações S.A.	..BRA	..DS	Tellus Brasil Participaco S.A.	Ownership	100.000	TIAA Board of Overseers	..N	
				4646321			Cerpon Participações S.A.	..BRA	..DS	Tellus Brasil Participaco S.A.	Ownership	100.000	TIAA Board of Overseers	..N	
				4725758			Nova Ibiajara Propriedades Agrícolas S.A.	..BRA	..DS	Tellus Brasil Participaco S.A.	Ownership	100.000	TIAA Board of Overseers	..N	
				4653954			Tellus Bahia Propriedades Agrícolas Ltda.	..BRA	..DS	Tellus Brasil Participaco S.A.	Ownership	100.000	TIAA Board of Overseers	..N	
				4653981			Jatobá Propriedades Agrícolas Ltda.	..BRA	..DS	Tellus Brasil Participaco S.A.	Ownership	100.000	TIAA Board of Overseers	..N	
				4644505			Terra do Sol Propriedades Agrícolas S.A.	..BRA	..DS	Tellus Brasil Participaco S.A.	Ownership	100.000	TIAA Board of Overseers	..N	

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SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	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)	*
				4644514			Terrainvest Propriedades Agricolas S.A.	.BRA	.DS	Tellus Brasil Participaco S.A.	Ownership	100.000	TIAA Board of Overseers	.N	
				4646282			Tparone Participações S.A.	.BRA	.DS	Tellus Brasil Participaco S.A.	Ownership	100.000	TIAA Board of Overseers	.N	
				4646303			Toperone Agricola S.A.	.BRA	.DS	Tparone Participações S.A.	Ownership	100.000	TIAA Board of Overseers	.N	
				4646291			Tpartwo Participações S.A.	.BRA	.DS	Tellus Brasil Participaco S.A.	Ownership	100.000	TIAA Board of Overseers	.N	
				4646312			Topertwo Agricola S.A.	.BRA	.DS	Tpartwo Participações S.A.	Ownership	100.000	TIAA Board of Overseers	.N	
			45-1502187	4640011			TIAA-CREF Global Agriculture BR, LLC	.DE	.DS	TIAA-CREF Global Agriculture LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				4643094			Nova Gaia Brasil Participaco Ltda.	.BRA	.DS	TIAA-CREF Global Agriculture BR, LLC	Ownership	0.010	TIAA Board of Overseers	.N	3900
				4644484			Terraviva Brasil Participaco Ltda.	.BRA	.DS	TIAA-CREF Global Agriculture BR, LLC	Ownership	0.010	TIAA Board of Overseers	.N	4100
			47-0974399	4753591	1616610		TIAA-CREF Global Agriculture II LLC	.DE	.DS	TIAA Global Ag Holdco LLC	Management		TIAA Board of Overseers	.N	
			47-1062423	4755447			TIAA-CREF Global Agriculture II BR, LLC	.DE	.DS	TIAA-CREF Global Agriculture II LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				46-2860100	4599276		TIAA Global Equity Income, LLC	.DE	.DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
				26-3594208	4863502		TIAA Global Public Investments, LLC	.DE	.DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
				46-3881813	4599892		TIAA GTR HoldCo, LLC	.DE	.DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	.N	
				46-3210500	4724023		Global Timber Resources LLC	.DE	.DS	TIAA GTR HoldCo, LLC	Ownership	50.000	TIAA Board of Overseers	.N	
				46-3909387	4868431		Global Timber SA LLC	.DE	.DS	Global Timber Resources LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				46-3899490	4801906		Global Timber International LLC	.DE	.DS	Global Timber Resources LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				4802789			Global Timber Spain, SL	.ESP	.DS	Global Timber International LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				4868440			Forestal GTR Chile Limitada	.CHL	.DS	Global Timber Spain, SL	Ownership	99.900	TIAA Board of Overseers	.N	
			98-1206384	4803151			Forestal Monterrey Colombia SAS	.COL	.DS	Global Timber Spain, SL	Ownership	85.480	TIAA Board of Overseers	.N	
				5165454			Global Timber Resources Colombia, S.A.S.	.COL	.DS	Global Timber Spain, SL	Ownership	100.000	TIAA Board of Overseers	.N	
				5183458			Monte Fresnos Asociacion Agraria de Responsabilidad LTDA	.URY	.DS	Global Timber Spain, SL	Ownership	100.000	TIAA Board of Overseers	.N	
				5183421			Monte Fresnos, S.A.	.URY	.DS	Global Timber Spain, SL	Ownership	100.000	TIAA Board of Overseers	.N	
				5183430			Taurion Asociacion Agraria de Responsabilidad LTDA	.URY	.DS	Global Timber Spain, SL	Ownership	100.000	TIAA Board of Overseers	.N	
				5183449			Taurion, S.A.	.URY	.DS	Global Timber Spain, SL	Ownership	100.000	TIAA Board of Overseers	.N	
				4866905			GT Europe Cooperatief U.A.	.NLD	.DS	Global Timber International LLC	Ownership	100.000	TIAA Board of Overseers	.N	
				4900425			Global Timber NL, B.V.	.NLD	.DS	GT Europe Cooperatief U.A.	Ownership	100.000	TIAA Board of Overseers	.N	
				4901543			GTR Brasil Participacoes Ltda	.BRA	.DS	Global Timber NL, B.V.	Ownership	99.000	TIAA Board of Overseers	.N	
				4902380			Brasilwood Reflorestamento S.A.	.BRA	.DS	GTR Brasil Participacoes Ltda	Ownership	75.000	TIAA Board of Overseers	.N	
							Brasilwood Terras Florestais S.A.	.BRA	.DS	GTR Brasil Participacoes Ltda	Ownership	97.000	TIAA Board of Overseers	.N	
							Khaya Woods Investimentos Florestais LTDA	.BRA	.DS	GTR Brasil Participacoes Ltda	Influence		TIAA Board of Overseers	.N	
							Mamoneira Agropastoril S.A.	.BRA	.DS	GTR Brasil Participacoes Ltda	Influence		TIAA Board of Overseers	.N	
				5198809			Jatoba Brasil Investimentos Florestais Ltda	.BRA	.DS	GTR Brasil Participacoes Ltda	Ownership	100.000	TIAA Board of Overseers	.N	
				5198818			Paineira Investimentos Florestais S.A.	.BRA	.DS	GTR Brasil Participacoes Ltda	Ownership	97.000	TIAA Board of Overseers	.N	
							IPOPEMA 95 Closed Investment Fund of Non-Public Assets	.POL	.DS	Global Timber NL, B.V.	Ownership	100.000	TIAA Board of Overseers	.N	
							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	
							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	
							Teachers Insurance and Annuity Association of America								
			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			730 Interpark, LLC	.DE	.DS	730 Parking LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							A-30 Canadian Transport Inc.	.CAN	.DS	TIAA Infrastructure Investments, LLC	Ownership	100.000	TIAA Board of Overseers	.N	
							1867 Infrastructure Holdings Inc.	.CAN	.DS	A-30 Canadian Transport Inc.	Ownership	51.000	TIAA Board of Overseers	.N	
							ACS NA30 Holding Inc.	.CAN	.DS	1867 Infrastructure Holdings Inc.	Ownership	100.000	TIAA Board of Overseers	.N	
							Nouvelle Autoroute 30, s.e.n.c.	.CAN	.DS	Iridium Nouvelle Autoroute 30 Inc.	Ownership	50.000	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	

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SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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			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	
							North American Sustainable Energy Fund GP, LLC	DE	DS	TIAA Infrastructure Investments, LLC	Ownership	99.900	TIAA Board of Overseers	N	
							North American Sustainable Energy Manager, LLC	DE	DS	TIAA Infrastructure Investments, LLC	Ownership	100.000	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	
			46-3628993	4602934			Actoil Utica, LLC	DE	DS	TIAA Oil and Gas Investments, LLC	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	
			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	
			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	
			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	

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STATEMENT AS OF MARCH 31, 2020 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)	*
			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	
							TIAA-CREF Individual & Institutional Services, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			55-0856733	4314349	882928					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	
							TIAA Endowment & Philanthropic Services, LLC	DE	DS		Ownership	100.000	TIAA Board of Overseers	N	
			20-5631854	4314282				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	
							TIAA-CREF Tuition Financing, Inc.	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			20-8892977	4599810			TIAA Union Place Phase I, LLC	DE	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	
							TPG Public Equity Partners Long Opportunities-A, L.P.	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							Tybourne Long Opportunities (US) Fund	DE	DS	Teachers Insurance and Annuity Association of America	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 Industrial Fund LP	DE	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	
			82-3970010				U.S. Cities Retail Fund LP	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
			82-4016503				U.S. Cities Retail Fund REIT LLC	DE	DS	U.S. Cities Retail Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
			82-4069923				U.S. Cities Retail Fund Operating GP LLC	DE	DS	U.S. Cities Retail Fund REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-4037905				U.S. Cities Retail Fund Operating LP	DE	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	
							USCRF Retail Portfolio LLC	DE	DS	USCRF KRG JV Investor Member LLC	Ownership	100.000	TIAA Board of Overseers	N	
							KRG 951 & 41, LLC	DE	DS	KRG USCRF Retail Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							KRG Livingston Center, LLC	DE	DS	KRG USCRF Retail Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
							KRG-USCRF Plaza Volente, LLC	DE	DS	KRG USCRF Retail Portfolio LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-3988257				U.S. Core-Plus Real Estate Debt Fund LP	DE	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Overseers	N	

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STATEMENT AS OF MARCH 31, 2020 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)	*
			82-3760575				CRED REIT LLC	DE	DS	U.S. Core-Plus Real Estate Debt Fund LP	Ownership	100.000	TIAA Board of Overseers	N	
			47-1938723				CRED REIT Holdco LLC	DE	DS	CRED REIT LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-2113010				CRED Glenhardie LLC	DE	DS	CRED REIT Holdco LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2024014				CRED REIT Holdco Seller LLC	DE	DS	CRED REIT Holdco LLC	Ownership	100.000	TIAA Board of Overseers	N	
			81-1392434				CRED REIT Holdco TRS LLC	DE	DS	CRED REIT Holdco LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-4800804				CRED REIT Manager LLC	DE	DS	CRED REIT Holdco LLC	Ownership	100.000	TIAA Board of Overseers	N	
			82-5347019				CRED REIT Member LP	DE	DS	CRED REIT Holdco LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-2267896				CRED Sawtelle LLC	DE	DS	CRED REIT Holdco LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-3184068				CRED Stabtown LLC	DE	DS	CRED REIT Holdco LLC	Ownership	100.000	TIAA Board of Overseers	N	
			83-4107560				CRED West Coast Industrial LLC	DE	DS	CRED REIT Holdco LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-3441362				Western A Midwest IL, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							Western A Midwest JR Mezz, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							Western A Midwest Mezz, LLC	DE	DS	Western A Midwest JR Mezz, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-3440905				Western A Midwest TN, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							Western A South JR Mezz LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							Western A South Mezz LLC	DE	DS	Western A South JR Mezz LLC	Ownership	100.000	TIAA Board of Overseers	N	
			84-3441798				Western A South TX, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							Western A West JR Mezz, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							Western A West Mezz, LLC	DE	DS	Western A West JR Mezz, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Western Real Estate Holdco, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	
							Western A East JR Mezz, LLC	DE	DS	Western Real Estate Holdco, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Western North American Industrial Fund I GP, LLC	DE	DS	Western Real Estate Holdco, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Western North American Industrial Fund I Limited Partner, LLC	DE	DS	Western Real Estate Holdco, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Western North American Industrial Fund I Limited Partnership	DE	DS	Western North American Industrial Fund I Limited Partner, LLC	Ownership	100.000	TIAA Board of Overseers	N	
							Western NAIF Intermediate Holdco GP II, LLC	DE	DS	Western North American Industrial Fund I Limited Partnership	Ownership	100.000	TIAA Board of Overseers	N	
							Western NAIF Intermediate Holdco II, LP	DE	DS	Western North American Industrial Fund I Limited Partnership	Ownership	100.000	TIAA Board of Overseers	N	
							Western A East JR Mezz II, LLC	DE	DS	Western NAIF Intermediate Holdco II, LP	Ownership	100.000	TIAA Board of Overseers	N	
							Western A East Mezz II, LLC	DE	DS	Western A East JR Mezz II, LLC	Ownership	100.000	TIAA Board of Overseers	N	
			51-0141732	4599829			WRC Properties, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Overseers	N	

Asterisk	Explanation
0100	AGR Services LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by AGR Partners LLC and 1% owned by Nuveen Alternative Holdings, LLC.
0200	Greenwood Resources Brasil, Ltda. is ultimately controlled and owned entirely by TIAA, with 99% owned by Greenwood Resources Forest Management, LLC and 1% owned by Greenwood Resources, Inc.
0300	CAM HR Resources LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by Churchill Asset Management LLC and 1% owned by Nuveen Alternative Holdings, LLC.
0400	TIAA European Farmland Fund GP LP is ultimately controlled and owned entirely by TIAA, with 50% owned by Nuveen Alternative Services, LLC and 50% owned by TEFF Holdco LLC
0500	TGAM APAC LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
0600	TGAM HK HC LLC is ultimately controlled and owned entirely by TIAA, with TGAM APAC LLC, TGAM Asia LLC, TIAA International APAC LLC and TIAA International Asia LLC each owning 25%

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STATEMENT AS OF MARCH 31, 2020 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

Asterisk	Explanation
0700	TGAM Asia LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
0800	TIAA International APAC LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
0900	TIAA International Asia LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
1000	U.S. Cities Office Fund Maryland Farms Co-Invest is ultimately controlled and owned entirely by TIAA, with 51% owned by USCOF Maryland Farms Holdings LLC and 49% owned by TGA Maryland Farms Holdings LLC.
1100	Nuveen Real Estate Limited is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA International Holdings 3, Ltd. and 1% owned by TIAA International Holdings 1, Ltd.
1200	European Cities Partnership SCSp is owned 29.8% by T-C Lux Investments Special Limited Partnership and 1% by European Cities Partnership (GP) S.à.r.l.
1300	Global Real Estate Debt Partners Fund II (UK) SCSp is ultimately controlled by TIAA, with 18.75% owned by TIAA and 0.5% owned by Nuveen Real Estate Debt Partners II (GP) S.à.r.l.
1400	Westchester Group SRL is controlled and owned entirely by TIAA, with 99% owned by Westchester Group of Europe Ltd. and 1% owned by Westchester Group of Poland Sp. Z.o.o.
1500	Westchester Group South America Gestao de Investimentos Ltda. is controlled and owned entirely by TIAA, with 99% owned by Westchester Group Investment Management, Inc. and 1% owned by Westchester Group Real Estate, Inc.
1600	Symphony Asset Management, LLC is ultimately controlled and owned entirely by TIAA, with 51% owned by Nuveen Investments, Inc. and 49% owned by Nuveen Investments Holdings, Inc.
1700	730 Texas Timberlands II, Ltd. is ultimately controlled and owned entirely by TIAA, which directly owns 99.5%. 730 Texas Forest Holdings, Inc., which is owned 100% by TIAA, owns .5%.
1800	730 Texas Timberlands, Ltd. is ultimately controlled and owned entirely by TIAA, with 99.5% owned by TIAA Timberlands I, LLC and .5% owned by 730 Texas Forest Holdings, Inc.
1900	Loma del Rio Vineyards, LLC is ultimately controlled and owned entirely by TIAA, with 45% owned by Premiere Agricultural Properties, LLC and 55% owned by Global Ag Properties USA, LLC.
2000	1608 Chestnut Partners LP is ultimately controlled and owned entirely by TIAA, with 99% owned by T-C 1608 Chestnut Limited Partner LLC and 1% owned by T-C 1608 Chestnut General Partner LLC.
2100	Global Real Estate Debt Partners Fund I (UK) is controlled by TIAA, which owns 36.3%. T-C Lux Investments Special Limited Partnership, which is 100% owned by TIAA, owns 24.3%.
2200	Radar Propriedades Agricolas S.A. is owned 65.77% by Mansilla Participacoes LTDA and 15.31% by Radar II Propriedades Agricolas S.A..
2300	Cityhold Nympe S.à r.l. (Nympe) is owned by TIAA via a 25% ownership of Cityhold Office Partnership S.à r.l., which owns 88% of Nympe, and 3% owned by wholly-owned ND Europe Office Holding S.à r.l.
2400	Cityhold Euro S.à r.l. (CES) is owned by TIAA via a 25% ownership of Cityhold Propco 9 S.à r.l., which owns 88% of CES, and 3% owned by wholly-owned ND Europe Office Holding S.à r.l.
2500	SNC Roosevelt is owned by TIAA via a 25% ownership of Cityhold Propco 9 S.à r.l., which owns SAS Roosevelt (99.99% of SNC Roosevelt) and Roosevelt Participation S.à r.l. (0.01%).
2600	London Belgrave Unit Trust (LBUT) is owned by TIAA via a 25% ownership of Cityhold Office Partnership S.à r.l., which owns Cityhold UK Holding S.à r.l. (99.8% of LBUT) and Cityhold UK Investment S.à r.l. (0.2%).
2700	New Fetter Lane Unit Trust (NFLUT) is owned by TIAA via a 25% ownership of Cityhold Office Partnership S.à r.l., which owns Cityhold UK Holding S.à r.l. (99.9% of NFLUT) and Cityhold UK Investment S.à r.l. (0.1%).
2800	60 Great Portland Street Unit Trust (60GPS) is owned by TIAA via a 25% ownership of Cityhold Office Partnership S.à r.l., which owns Cityhold UK Holding S.à r.l. (99.4% of 60GPS) and Cityhold UK Investment S.à r.l. (0.6%).
2900	70 St. Mary Axe Unit Trust (SMAUT) is owned by TIAA via a 25% ownership of Cityhold Office Partnership S.à r.l., which owns SMA Holding S.à r.l. (99.9% of SMAUT) and Cityhold UK Investment S.à r.l. (0.1%).
3000	Gropius Passagen GmbH & Co KG is controlled by TIAA, and partially owned by Gropius S.à r.l., which owns 99.8% and TIAA Lux 11 S.à.r.l. which owns 0.16%.
3100	T-C Europe LP is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA and 1% owned by T-C Europe Holding, Inc.
3200	Roppenheim Outlet SNC (ROSNC) is ultimately controlled by TIAA via a 61.8% ownership of Neptune Property Venture S.à r.l., which owns Roppenheim Holding SAS (99.99% of ROSNC) Neptune Roppenheim Holding S.à r.l. (0.01%).
3300	Adeoti Empreendimentos Imobiliários Ltda is ultimately controlled and owned entirely by TIAA, with 51% of ownership with T-C JK I, LLC and 49% of ownership with T-C JK II, LLC
3400	Thurrock Retail Park Unit Trust is ultimately controlled and owned entirely by TIAA with 99.5% owned by T-C UK RE Holdings III, LLC and 0.5% owned by T-C UK RE Holdings II, LLC.
3500	Waterford Blue Lagoon LP is controlled by TIAA, and partially owned indirectly by T-C Waterford Blue Lagoon LLC, which owns 50%, and T-C Waterford Blue Lagoon General Partner, LLC, which owns 1%.
3600	Asia Pacific Cities Fund, FCP is owned 27.7% by TGA APAC Fund Holdings, LLC and 27.7% by TGA Real Estate Fund Holdings, LLC
3700	Viertel Zwei Entwicklung GmbH & Co Studenthouse KG is controlled by TIAA, and partially owned indirectly by Eagle Austria Holdings S.à r.l., which owns 94%, and CB Krieau Dzei GmbH, which owns 6%.
3800	TGA Ginza115 TMK is ultimately controlled and owned entirely by TIAA, with 51% owned by TGA Japan GK Holdings Pte Ltd and 49% of owned by TGA Ginza 115 Holdings Pte Ltd.
3900	Nova Gaia Brasil Participaco Ltda. is owned 99.99% by TIAA-CREF Global Agriculture LLC and 0.01% by TIAA-CREF Global Agriculture BR, LLC.
4000	Tellus Brasil Participaco S.A. is owned 48.9% by Terraviva Brasil Participaco Ltda. and 0.47% by Nova Gaia Brasil Participaco Ltda.
4100	Terraviva Brasil Participaco Ltda. is owned 99.99% by Nova Gaia Brasil Participaco Ltda. and 0.01% by TIAA-CREF Global Agriculture BR, LLC.

STATEMENT AS OF MARCH 31, 2020 OF THE 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.

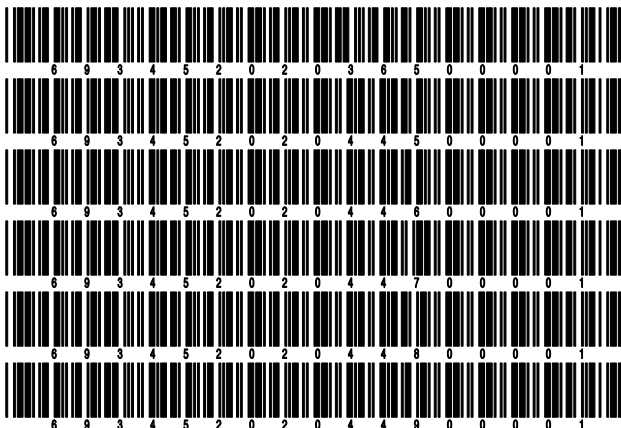
	Response
1. Will the Trusteed Surplus Statement be filed with the state of domicile and the NAIC with this statement?	SEE EXPLANATION
2. Will the Medicare Part D Coverage Supplement be filed with the state of domicile and the NAIC with this statement?	NO
3. Will the Reasonableness of Assumptions Certification 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, 2020 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	(46,943,098)	(47,509,650)
2597. Summary of remaining write-ins for Line 25 from overflow page	(46,943,098)	(47,509,650)

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	21,173,740	21,526,899	77,959,257
08.397. Summary of remaining write-ins for Line 8.3 from overflow page	21,173,740	21,526,899	77,959,257

STATEMENT AS OF MARCH 31, 2020 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	3,686,483,928	2,151,883,008
2. Cost of acquired:		
2.1 Actual cost at time of acquisition	15,758,548	2,545,802,534
2.2 Additional investment made after acquisition	22,940,726	54,494,751
3. Current year change in encumbrances		(580,966,833)
4. Total gain (loss) on disposals	2,889,722	112,435,773
5. Deduct amounts received on disposals	784,613,951	531,347,361
6. Total foreign exchange change in book/adjusted carrying value		
7. Deduct current year's other than temporary impairment recognized	526,195	
8. Deduct current year's depreciation	21,117,576	65,817,944
9. Book/adjusted carrying value at the end of current period (Lines 1+2+3+4-5+6-7-8)	2,921,815,202	3,686,483,928
10. Deduct total nonadmitted amounts		
11. Statement value at end of current period (Line 9 minus Line 10)	2,921,815,202	3,686,483,928

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	32,440,986,451	29,958,575,697
2. Cost of acquired:		
2.1 Actual cost at time of acquisition	907,116,381	4,817,345,994
2.2 Additional investment made after acquisition	81,697,092	114,058,844
3. Capitalized deferred interest and other		1,505,218
4. Accrual of discount	624,574	2,532,081
5. Unrealized valuation increase (decrease)		
6. Total gain (loss) on disposals	11,628	19,499
7. Deduct amounts received on disposals	396,424,962	2,593,764,217
8. Deduct amortization of premium and mortgage interest points and commitment fees	977,868	3,651,224
9. Total foreign exchange change in book value/recorded investment excluding accrued interest	(259,151,930)	144,364,559
10. Deduct current year's other than temporary impairment recognized		
11. Book value/recorded investment excluding accrued interest at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)	32,773,881,366	32,440,986,451
12. Total valuation allowance		
13. Subtotal (Line 11 plus Line 12)	32,773,881,366	32,440,986,451
14. Deduct total nonadmitted amounts		
15. Statement value at end of current period (Line 13 minus Line 14)	32,773,881,366	32,440,986,451

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	31,517,367,243	30,440,283,015
2. Cost of acquired:		
2.1 Actual cost at time of acquisition	562,972,572	1,301,127,902
2.2 Additional investment made after acquisition	557,150,713	2,034,745,436
3. Capitalized deferred interest and other		
4. Accrual of discount	6,091	23,291
5. Unrealized valuation increase (decrease)	(1,003,980,041)	44,621,589
6. Total gain (loss) on disposals	(930,087)	(24,792,133)
7. Deduct amounts received on disposals	979,162,029	2,095,269,473
8. Deduct amortization of premium and depreciation	41,939	161,310
9. Total foreign exchange change in book/adjusted carrying value	(190,791,617)	(1,338,291)
10. Deduct current year's other than temporary impairment recognized	85,789,653	181,872,782
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)	30,376,801,254	31,517,367,243
12. Deduct total nonadmitted amounts	73,422,323	85,487,441
13. Statement value at end of current period (Line 11 minus Line 12)	30,303,378,932	31,431,879,802

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	195,161,342,253	193,512,945,771
2. Cost of bonds and stocks acquired	11,015,292,892	23,861,998,441
3. Accrual of discount	61,904,409	342,640,101
4. Unrealized valuation increase (decrease)	(737,074,180)	(21,824,525)
5. Total gain (loss) on disposals	284,607,326	296,816,634
6. Deduct consideration for bonds and stocks disposed of	7,480,247,844	22,353,878,300
7. Deduct amortization of premium	43,851,767	178,239,220
8. Total foreign exchange change in book/adjusted carrying value	(146,252,614)	48,687,521
9. Deduct current year's other than temporary impairment recognized	123,016,521	448,392,506
10. Total investment income recognized as a result of prepayment penalties and/or acceleration fees	18,411,812	100,588,336
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10)	198,011,115,766	195,161,342,253
12. Deduct total nonadmitted amounts	75,486,605	71,198,780
13. Statement value at end of current period (Line 11 minus Line 12)	197,935,629,161	195,090,143,473

STATEMENT AS OF MARCH 31, 2020 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)	120,657,195,603	10,577,485,968	6,335,159,619	(1,266,545,210)	123,632,976,742			120,657,195,603
2. NAIC 2 (a)	53,121,312,953	2,276,729,700	1,677,692,248	594,363,488	54,314,713,893			53,121,312,953
3. NAIC 3 (a)	8,616,061,309	534,808,053	983,393,491	548,451,205	8,715,927,076			8,616,061,309
4. NAIC 4 (a)	5,196,010,776	1,167,022,275	558,013,670	(169,089,904)	5,635,929,477			5,196,010,776
5. NAIC 5 (a)	1,633,988,545	23,558,353	151,576,977	(24,232,420)	1,481,737,501			1,633,988,545
6. NAIC 6 (a)	374,167,745	4,696,482	5,719,173	(126,118,625)	247,026,429			374,167,745
7. Total Bonds	189,598,736,931	14,584,300,831	9,711,555,178	(443,171,466)	194,028,311,118			189,598,736,931
PREFERRED STOCK								
8. NAIC 1	29,000,000	5,000,000		(30,000,000)	4,000,000			29,000,000
9. NAIC 2	64,770,393			30,000,000	94,770,393			64,770,393
10. NAIC 3	342,104			(342,104)				342,104
11. NAIC 4	61,789,193			(734,743)	61,054,450			61,789,193
12. NAIC 5	158,850,123	40,502,750		(5,242,754)	194,110,119			158,850,123
13. NAIC 6	100,668,888		74,000,000	(1,769,611)	24,899,277			100,668,888
14. Total Preferred Stock	415,420,701	45,502,750	74,000,000	(8,089,212)	378,834,239			415,420,701
15. Total Bonds and Preferred Stock	190,014,157,632	14,629,803,581	9,785,555,178	(451,260,678)	194,407,145,357			190,014,157,632

(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 \$ 2,628,412,975 ; NAIC 2 \$; NAIC 3 \$ 18,773,406 ; NAIC 4 \$ 6,113,249 ; NAIC 5 \$; NAIC 6 \$

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SCHEDULE DA - PART 1

Short-Term Investments

	1	2	3	4	5
	Book/Adjusted Carrying Value	Par Value	Actual Cost	Interest Collected Year-to-Date	Paid for Accrued Interest Year-to-Date
9199999 Totals	996,305,427	XXX	996,531,063	1,755,299	

SCHEDULE DA - VERIFICATION

Short-Term Investments

	1	2
	Year To Date	Prior Year Ended December 31
1. Book/adjusted carrying value, December 31 of prior year	546,586,973	
2. Cost of short-term investments acquired	946,364,523	556,843,533
3. Accrual of discount	413,783	281,030
4. Unrealized valuation increase (decrease)		
5. Total gain (loss) on disposals	5,343,595	
6. Deduct consideration received on disposals	502,324,274	12,501,674
7. Deduct amortization of premium	588,073	191,639
8. Total foreign exchange change in book/adjusted carrying value	508,900	2,155,723
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)	996,305,427	546,586,973
11. Deduct total nonadmitted amounts		
12. Statement value at end of current period (Line 10 minus Line 11)	996,305,427	546,586,973

SCHEDULE DB - PART A - VERIFICATION

Options, Caps, Floors, Collars, Swaps and Forwards

1.	Book/Adjusted Carrying Value, December 31, prior year (Line 10, prior year)	596,460,139
2.	Cost Paid/(Consideration Received) on additions	90,428,624
3.	Unrealized Valuation increase/(decrease)	396,702,750
4.	SSAP No. 108 adjustments	168,303,600
5.	Total gain (loss) on termination recognized	(173,389,206)
6.	Considerations received/(paid) on terminations	26,553,680
7.	Amortization	
8.	Adjustment to the Book/Adjusted Carrying Value of hedged item	470,296,864
9.	Total foreign exchange change in Book/Adjusted Carrying Value	
10.	Book/Adjusted Carrying Value at End of Current Period (Lines 1+2+3+4+5-6+7+8+9)	1,522,249,091
11.	Deduct nonadmitted assets	
12.	Statement value at end of current period (Line 10 minus Line 11)	1,522,249,091

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	
	3.25 SSAP No. 108 adjustments	
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	
	4.23 SSAP No. 108 adjustments	
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, 2020 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	2	3	4	5	6	7	8	Derivative Instrument(s) Open			Cash Instrument(s) Held				
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9	10	11	12	13	14	15	16
								Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
12518*J66	CDX.NA.IG25 SR. TRANCHE	1	25,000,000	25,049,568	34,450,313	06/20/2016	12/20/2020	CREDIT DEFAULT SWAP ON CDX.NA.IG25 SR. TRANCHE, REC. 1% FIXED RATE	31,215	6,047	912810-QU-5	US TREASURY N/B United States Treasury Nt, 3.125% due 02/15/2042	1	25,018,353	34,444,266
12518*KL3	CDX.NA.IG27 SR. TRANCHE	1	50,000,000	50,167,152	67,114,464	10/15/2016	12/20/2021	CREDIT DEFAULT SWAP ON CDX.NA.IG27 SR. TRANCHE, REC. 1% FIXED RATE	179,905	(485,310)	912810-RB-6	US TREASURY N/B United States Treasury Nt, 2.875% due 05/15/2043	1	49,987,247	67,599,774
12518*MU6	CDX.NA.IG27 SR. TRANCHE	1	50,000,000	50,423,196	73,966,682	10/25/2016	12/20/2021	CREDIT DEFAULT SWAP ON CDX.NA.IG27 SR. TRANCHE, REC. 1% FIXED RATE	223,381	(485,310)	912810-RB-6	US TREASURY N/B United States Treasury Nt, 2.875% due 05/15/2043	1	50,199,815	74,451,992
12518*MF4	CDX.NA.IG27 SR. TRANCHE	1	100,000,000	100,732,962	142,003,559	10/26/2016	12/20/2021	CREDIT DEFAULT SWAP ON CDX.NA.IG27 SR. TRANCHE, REC. 1% FIXED RATE	447,934	(970,621)	912810-RB-6	US TREASURY N/B United States Treasury Nt, 2.875% due 05/15/2043	1	100,285,028	142,974,180
12518*LS7	CDX.NA.IG27 SR. TRANCHE	1	125,000,000	126,809,716	185,905,006	10/26/2016	12/20/2021	CREDIT DEFAULT SWAP ON CDX.NA.IG27 SR. TRANCHE, REC. 1% FIXED RATE	559,918	(1,213,276)	912810-RB-6	US TREASURY N/B United States Treasury Nt, 2.875% due 05/15/2043	1	126,249,798	187,118,282
12518*LV6	CDX.NA.IG27 SR. TRANCHE	1	80,000,000	80,184,886	108,380,340	11/17/2016	12/20/2021	CREDIT DEFAULT SWAP ON CDX.NA.IG27 SR. TRANCHE, REC. 1% FIXED RATE	345,407	(776,496)	912810-QY-7	US TREASURY N/B United States Treasury Nt, 2.75% due 11/15/2042	1	79,839,479	109,156,836
12518*MB3	CDX.NA.IG27 SR. TRANCHE	1	125,000,000	154,349,654	191,770,123	11/11/2016	12/20/2021	CREDIT DEFAULT SWAP ON CDX.NA.IG27 SR. TRANCHE, REC. 1% FIXED RATE	514,085	(1,213,276)	912810-FM-5	US TREASURY N/B United States Treasury Nt, 6.25% due 05/15/2030	1	153,835,569	192,983,399
12518*PF1	CDX.NA.HY27 SR. TRANCHE	1	47,879,808	52,218,635	56,997,593	04/07/2017	12/20/2021	CREDIT DEFAULT SWAP ON CDX.NA.HY27 SR. TRANCHE, REC. 5% FIXED RATE	3,511,650	3,596,266	3136A6-UR-3	FNR 2012-63 ZA Z SEQ4% due 06/25/2042	1	48,706,985	53,401,327
12518*PG9	CDX.NA.HY27 SR. TRANCHE	1	47,879,808	52,230,089	56,997,593	04/11/2017	12/20/2021	CREDIT DEFAULT SWAP ON CDX.NA.HY27 SR. TRANCHE, REC. 5% FIXED RATE	3,523,104	3,596,266	3136A6-UR-3	FNR 2012-63 ZA Z SEQ4% due 06/25/2042	1	48,706,985	53,401,327
12518*PH7	CDX.NA.HY27 SR. TRANCHE	1	47,879,808	50,806,482	55,875,328	04/13/2017	12/20/2021	CREDIT DEFAULT SWAP ON CDX.NA.HY27 SR. TRANCHE, REC. 5% FIXED RATE	3,523,653	3,596,266	38378D-CV-5	GNR 2012-16 VZ Z SEQ3.5% due 02/20/2042	1	47,282,829	52,279,062
12518*PE4	CDX.NA.HY27 SR. TRANCHE	1	47,879,808	53,531,402	58,897,487	04/13/2017	12/20/2021	CREDIT DEFAULT SWAP ON CDX.NA.HY27 SR. TRANCHE, REC. 5% FIXED RATE	3,515,237	3,596,266	38378D-CV-5	GNR 2012-16 VZ Z SEQ3.5% due 02/20/2042	1	50,016,165	55,301,221
12518*PK0	CDX.NA.HY27 SR. TRANCHE	1	47,879,808	52,751,318	57,152,173	04/18/2017	12/20/2021	CREDIT DEFAULT SWAP ON CDX.NA.HY27 SR. TRANCHE, REC. 5% FIXED RATE	3,536,056	3,596,266	3136A6-ST-7	FNR 2012-73 ZM EXCH Z SEQ4% due 07/25/2042	1	49,215,262	53,555,907
12518*PJ3	CDX.NA.HY27 SR. TRANCHE	1	47,879,808	52,750,526	57,152,173	04/19/2017	12/20/2021	CREDIT DEFAULT SWAP ON CDX.NA.HY27 SR. TRANCHE, REC. 5% FIXED RATE	3,535,264	3,596,266	3136A6-ST-7	FNR 2012-73 ZM EXCH Z SEQ4% due 07/25/2042	1	49,215,262	53,555,907
12518*RY8	CDX.NA.IG29 SR. TRANCHE	1	50,000,000	52,136,602	74,144,143	09/20/2017	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	463,168	(879,295)	912810-QK-7	US TREASURY N/B United States Treasury Nt, 3.875% due 08/15/2040	1	51,673,434	75,023,438
12518*RX0	CDX.NA.IG29 SR. TRANCHE	1	60,000,000	60,470,797	90,098,323	09/20/2017	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	567,404	(1,055,154)	912810-QK-7	US TREASURY N/B United States Treasury Nt, 3.875% due 08/15/2040	1	59,903,393	91,153,477
12518*SC5	CDX.NA.IG29 SR. TRANCHE	1	50,000,000	50,447,055	54,665,190	09/20/2017	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	479,443	(879,295)	38378C-NL-7	GNR 2012-7 PE PAC-1-113.5% due 01/20/2042	1	49,967,612	55,544,485
12518*SD3	CDX.NA.IG29 SR. TRANCHE	1	50,000,000	53,613,540	57,153,511	09/20/2017	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	467,220	(879,295)	38378M-BD-6	GNR 2013-23 ZC Z SEQ3% due 02/20/2043	1	53,146,320	58,032,806
12518*SB7	CDX.NA.IG29 SR. TRANCHE	1	50,000,000	53,406,484	59,820,309	09/20/2017	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	467,220	(879,295)	3137BG-JS-9	FHR 4444 CZ Z SEQ3% due 02/15/2045	1	52,939,264	60,699,604
12518*SA9	CDX.NA.IG29 SR. TRANCHE	1	50,000,000	53,897,128	62,882,203	09/20/2017	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	478,575	(879,295)	3137BW-V5-0	FHR 4663 ZK Z SEQ3.5% due 06/15/2046	1	53,418,553	63,761,498
12518*RZ5	CDX.NA.IG29 SR. TRANCHE	1	50,000,000	52,679,568	59,166,354	09/20/2017	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	478,575	(879,295)	3137BW-HK-3	FHR 4665 NZ Z SEQ3.5% due 02/15/2047	1	52,200,993	60,045,649
12518*SE1	CDX.NA.IG29 SR. TRANCHE	1	50,000,000	52,901,750	57,666,519	09/20/2017	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	487,332	(879,295)	3137BD-C5-3	FHR 4377 LZ Z SEQ3% due 08/15/2044	1	52,414,418	58,545,814
12518*SM3	CDX.NA.IG29 SR. TRANCHE	1	100,000,000	103,673,501	113,972,955	10/26/2017	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	981,268	(1,758,590)	3136A9-LM-8	FNR 2012-114 ZG Z SEQ3.5% due 10/25/2042	1	102,692,233	115,731,545
12518* SX9	CDX.NA.IG29 SR. TRANCHE	1	100,000,000	105,711,494	112,129,818	11/08/2017	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	1,006,254	(1,758,590)	3136AK-SS-3	FNR 2017-43 B SEQ3.5% due 06/25/2047	1	104,705,240	113,888,408
12518* SY7	CDX.NA.IG29 SR. TRANCHE	1	50,000,000	50,562,651	58,788,247	11/08/2017	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	495,107	(879,295)	3137B0-GG-3	FNR 2014-53 VZ Z SEQ3.5% due 09/25/2044	1	50,067,544	59,667,542
12518* SJ5	CDX.NA.IG29 SR. TRANCHE	1	50,000,000	52,873,618	57,986,683	10/26/2017	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	495,107	(879,295)	3137BV-EK-8	FNR 2010-144 DC EXCH PAC-1-114% due 11/16/2040	1	52,378,511	58,865,978

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

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
1	2	3	4	5	6	7	8	Derivative Instrument(s) Open			Cash Instrument(s) Held				
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9	10	11	12	13	14	15	16
								Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
12518* ST8	CDX.NA.IG29 SR. TRANCHE	1	100,000,000	103,652,244	110,001,748	10/26/2017	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	987,910	(1,758,590)	3136AK-6N-8	FNR 2014-65 0B SEQ3% due 10/25/2044	1	102,664,334	111,760,338
											3136A7-RT-1	FNR 2012-90 ZE Z SEQ3.5% due 08/25/2042	1		
12518* SW1	CDX.NA.IG29 SR. TRANCHE	1	30,000,000	32,551,493	37,313,498	10/26/2017	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	296,373	(527,577)	3136AJ-K9-6	FNR 2014-28 ZA Z SEQ3% due 05/25/2044	1	32,255,120	37,841,075
											38378M-BJ-3	GNR 2013-23 ZU SC Z SEQ2.5% due 11/20/2042	1	57,693,727	63,525,172
12518* SZ4	CDX.NA.IG29 SR. TRANCHE	1	50,000,000	58,175,289	62,645,877	11/10/2017	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	481,562	(879,295)	3136A7-UU-4	FNR 2012-80 AZ Z SEQ3.5% due 08/25/2042	1		
											3136AH-3L-2	FNR 2014-7 Z Z SEQ3.5% due 02/25/2044	1	50,405,498	57,103,516
12518* TA8	CDX.NA.IG29 SR. TRANCHE	1	50,000,000	50,891,550	56,224,221	11/15/2017	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	486,052	(879,295)	3136A7-UU-4	FNR 2012-80 AZ Z SEQ3.5% due 08/25/2042	1		
											38377W-BA-1	GNR 2011-73 LB PAC-114% due 05/20/2041	1	50,165,622	57,115,098
12518* SS0	CDX.NA.IG29 SR. TRANCHE	1	50,000,000	50,651,674	56,235,803	11/15/2017	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	486,052	(879,295)	3136A7-UU-4	FNR 2012-80 AZ Z SEQ3.5% due 08/25/2042	1		
											3137BW-DZ-4	FHR 4668 ZA Z SEQ3.5% due 02/15/2047	1	50,347,721	58,032,533
12518* SR2	CDX.NA.IG29 SR. TRANCHE	1	50,000,000	50,833,773	57,153,238	11/15/2017	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	486,052	(879,295)	3136A7-UU-4	FNR 2012-80 AZ Z SEQ3.5% due 08/25/2042	1		
											3136A9-2X-5	FNR 2012-118 ZV Z SEQ3% due 11/25/2042	1	52,932,492	57,925,898
12518* TB6	CDX.NA.IG29 SR. TRANCHE	1	50,000,000	53,406,619	57,046,603	11/16/2017	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	474,127	(879,295)	3136AL-NX-5	FNR 2014-76 Z Z SEQ3.5% due 11/25/2044	1		
											3136AF-ZE-7	FNR 2013-80 ZV Z SEQ4% due 08/25/2043	1	32,486,913	35,904,607
12518* SV3	CDX.NA.IG29 SR. TRANCHE	1	30,000,000	32,771,389	35,377,030	11/16/2017	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	284,476	(527,577)	3136AG-TQ-5	FNR 2013-100 CZ Z SEQ4% due 10/25/2043	1	53,168,311	60,189,604
											3136A5-ST-9	GNR 2013-18 GY PAC-1-112.5% due 05/25/2042	1		
12518* UII8	CDX.NA.IG29 SR. TRANCHE	1	50,000,000	52,294,399	57,966,519	02/06/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	552,631	(879,295)	38378F-T6-7	FNR 2014-46 DZ EXCH Z SEQ3% due 02/20/2043	1	51,741,768	58,845,814
											3136AK-VH-3	FNR 2013-53 ZC Z SEQ3% due 08/25/2044	1		
12518* UY4	CDX.NA.IG29 SR. TRANCHE	1	50,000,000	52,763,292	60,549,948	02/06/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	541,408	(879,295)	3136AE-EX-1	FNR 2013-53 ZC Z SEQ3% due 06/25/2043	1	52,221,884	61,429,243
											38377M-E9-3	GNR 2010-147 PB AD PAC-114% due 11/20/2040	1		
12518* VA5	CDX.NA.IG29 SR. TRANCHE	1	25,000,000	26,775,717	28,272,968	02/06/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	258,074	(439,648)	3137B2-BB-5	FHR 4199 VZ Z SEQ3.5% due 05/15/2043	1	26,517,643	28,712,616
											3136AL-DZ-1	FNR 2014-60 LZ Z SEQ3.5% due 10/25/2044	1	53,029,120	60,609,602
12518* VF4	CDX.NA.IG29 SR. TRANCHE	1	50,000,000	53,503,148	59,730,307	02/06/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	474,028	(879,295)	3136AF-AQ-7	FNR 2013-79 UZ Z SEQ3.5% due 07/25/2043	1		
											3136AC-S8-5	FNR 2013-15 NZ Z SEQ3.5% due 03/25/2043	1	26,430,212	28,571,540
12518* VN7	CDX.NA.IG29 SR. TRANCHE	1	25,000,000	26,670,035	28,131,892	02/06/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	239,823	(439,648)	3136AW-KH-9	FNR 2017-31 GB PAC3% due 05/25/2047	1	25,849,800	29,528,069
											3136AC-W9-8	FNR 2013-15 LZ EXCH SC Z PAC SEQ3% due 03/25/2043	1	26,309,158	28,061,036
12518* VS6	CDX.NA.IG29 SR. TRANCHE	1	25,000,000	26,099,980	29,088,421	02/07/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	250,180	(439,648)	3136A8-AZ-3	FNR 2012-98 VZ Z SEQ4% due 09/25/2042	1	27,904,109	29,966,984
											38378U-7W-1	GNR 2013-170 LB EXCH SEQ2.5% due 11/20/2043	1	25,968,125	31,104,533
12518* VM9	CDX.NA.IG29 SR. TRANCHE	1	25,000,000	26,555,124	27,621,388	02/07/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	245,966	(439,648)	3137BD-SR-8	FHR 4385 HZ Z SEQ3% due 09/15/2044	1	27,129,346	31,681,265
											3136A6-XD-1	FNR 2012-56 ZM Z SEQ4% due 06/25/2042	1	27,647,107	30,082,080
12518* VR8	CDX.NA.IG29 SR. TRANCHE	1	25,000,000	28,147,265	29,527,336	02/07/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	243,156	(439,648)	3136A2-CX-9	FNR 2011-110 EW EXCH AD PAC-114.5% due 11/25/2041	1	27,170,671	30,719,690
12518* VQ0	CDX.NA.IG29 SR. TRANCHE	1	25,000,000	26,213,484	30,664,885	02/08/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	245,359	(439,648)					
12518* VG2	CDX.NA.IG29 SR. TRANCHE	1	25,000,000	27,362,557	31,241,617	02/09/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	233,211	(439,648)					
12518* VL1	CDX.NA.IG29 SR. TRANCHE	1	25,000,000	27,894,401	29,642,432	02/09/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	247,294	(439,648)					
12518* VT4	CDX.NA.IG29 SR. TRANCHE	1	25,000,000	27,402,474	30,280,042	02/09/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	231,803	(439,648)					

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

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
1	2	3	4	5	6	7	8	Derivative Instrument(s) Open			Cash Instrument(s) Held				
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9	10	11	12	13	14	15	16
								Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
12518*VP2	CDX.NA.IG29 SR. TRANCHE	1	25,000,000	27,350,699	30,029,314	02/09/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	214,895	(439,648)	3136AD-HQ-5	FNR 2013-32 ZB Z SEQ04% due 04/25/2043	1	27,135,804	30,468,962
12518*VD9	CDX.NA.IG29 SR. TRANCHE	1	25,000,000	27,006,880	31,324,368	02/09/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	230,394	(439,648)	3137BV-XQ-4	FHR 4661 GZ Z SEQ03% due 02/15/2047	1	26,776,486	31,764,016
12518*VC1	CDX.NA.IG29 SR. TRANCHE	1	25,000,000	26,937,212	28,246,081	02/09/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	214,895	(439,648)	3137AV-3V-7	FHR 4122 ZJ Z SEQ03.5% due 10/15/2042	1	26,722,317	28,685,729
12518*VK3	CDX.NA.IG29 SR. TRANCHE	1	25,000,000	27,199,415	29,486,230	02/10/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	197,069	(439,648)	38378D-DK-8	GNR 2012-16 ZP Z PAC-113.5% due 02/20/2042	1	27,002,346	29,925,878
12518*VJ6	CDX.NA.IG29 SR. TRANCHE	1	25,000,000	28,217,150	29,615,713	02/10/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	190,013	(439,648)	3137BG-FZ-7	FHR 4440 ZX SC Z PT4% due 01/15/2045	1	28,027,137	30,055,361
12518*UZ1	CDX.NA.IG29 SR. TRANCHE	1	25,000,000	26,034,700	27,629,055	02/10/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	197,069	(439,648)	38377X-GA-4	GNR 2011-93 PE PAC-1-114% due 07/20/2041	1	25,837,631	28,068,703
12518*VB3	CDX.NA.IG29 SR. TRANCHE	1	25,000,000	27,578,925	30,841,076	02/10/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	211,175	(439,648)	3136AW-QN-0	FNR 2017-30 ZG Z SEQ03% due 05/25/2047	1	27,367,750	31,280,724
12518*W00	CDX.NA.IG29 SR. TRANCHE	1	75,000,000	79,492,637	87,132,711	03/23/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	675,927	(1,318,943)	3136AW-XM-4	FNR 2017-41 Z Z SEQ03% due 06/25/2047	1	78,816,710	88,451,654
12518*W08	CDX.NA.IG29 SR. TRANCHE	1	25,000,000	25,290,356	27,340,793	03/23/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	225,309	(439,648)	3136AK-V5-9	FNR 2014-55 MZ Z SEQ03% due 09/25/2044	1	25,065,047	27,780,441
12518*W44	CDX.NA.IG29 SR. TRANCHE	1	75,000,000	78,472,145	87,057,570	03/24/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	621,198	(1,318,943)	3137B9-FE-0	FHR 4314 GZ Z SEQ03% due 03/15/2044	1	77,850,947	88,376,513
12518*W02	CDX.NA.IG29 SR. TRANCHE	1	25,000,000	27,195,431	28,416,243	03/24/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	199,843	(439,648)	3136AK-ZL-0	FNR 2014-59 ZB Z SEQ03% due 09/25/2044	1	26,995,588	28,855,891
12518*VZ0	CDX.NA.IG29 SR. TRANCHE	1	80,000,000	83,709,506	99,816,578	03/29/2018	12/20/2022	CREDIT DEFAULT SWAP ON CDX.NA.IG29 SR. TRANCHE, REC. 1% FIXED RATE	624,583	(1,406,872)	3136AW-QN-0	GNR 2013-160 BY EXCH SEQ2.5% due 10/16/2043	1	83,084,923	101,223,450
12518*Y07	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,558,910	27,850,696	10/04/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	295,887	(348,683)	3137BV-K7-0	FNR 2013-11 Z Z SEQ03% due 02/25/2043	1	25,263,023	28,199,379
12518*YR5	CDX.NA.IG31 SR. TRANCHE	1	50,000,000	51,102,362	56,201,558	10/05/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	574,319	(697,365)	3137BV-K7-0	FNR 2017-30 ZG Z SEQ03% due 05/25/2047	1	50,528,043	56,898,923
12518*YS3	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,206,234	37,163,036	10/05/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	286,264	(348,683)	912810-QK-7	US TREASURY N/B United States Treasury Nt, 3.875% due 08/15/2040	1	24,919,970	37,511,719
12518*YT1	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,521,244	27,809,017	10/05/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	274,616	(348,683)	3136AV-HM-4	FNR 2017-4 ZA Z SEQ03.5% due 02/25/2047	1	25,246,628	28,157,700
12518*YU8	CDX.NA.IG31 SR. TRANCHE	1	50,000,000	52,920,535	57,955,293	10/06/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	529,790	(697,365)	3136AV-SF-7	FNR 2017-11 ZE Z SEQ03% due 03/25/2047	1	52,390,745	58,652,658
12518*ZY9	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,013,244	33,790,966	10/06/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	272,965	(348,683)	912810-OT-8	US TREASURY N/B United States Treasury Nt, 3.125% due 11/15/2041	1	24,740,279	34,139,649
12518*YV6	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	27,634,379	30,956,029	10/10/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	256,458	(348,683)	3137BW-V3-5	FHR 4663 Z Z SEQ03% due 03/15/2047	1	27,377,921	31,304,712
12518*YW4	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	26,303,915	29,434,738	10/10/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	256,458	(348,683)	3137BW-V3-5	FHR 4663 Z Z SEQ03% due 03/15/2047	1	26,047,457	29,783,421
12518*YX2	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,096,595	33,790,966	10/11/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	252,095	(348,683)	912810-OT-8	US TREASURY N/B United States Treasury Nt, 3.125% due 11/15/2041	1	24,844,500	34,139,649
12518*YY0	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,132,351	33,790,966	10/11/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	252,096	(348,683)	912810-OT-8	US TREASURY N/B United States Treasury Nt, 3.125% due 11/15/2041	1	24,880,255	34,139,649
12518*YZ7	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,424,301	33,790,966	10/11/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	241,304	(348,683)	912810-OT-8	US TREASURY N/B United States Treasury Nt, 3.125% due 11/15/2041	1	25,182,997	34,139,649

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

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
1	2	3	4	5	6	7	8	Derivative Instrument(s) Open			Cash Instrument(s) Held				
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9	10	11	12	13	14	15	16
								Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
12518*ZA1	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,119,910	33,790,966	10/11/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	234,109	(348,683)	912810-0T-8	US TREASURY N/B United States Treasury Nt, 3.125% due 11/15/2041	1	24,885,801	34,139,649
12518*ZB9	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,114,632	33,790,966	10/12/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	228,831	(348,683)	912810-0T-8	US TREASURY N/B United States Treasury Nt, 3.125% due 11/15/2041	1	24,885,801	34,139,649
12518*ZC7	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,152,438	33,790,966	10/12/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	227,031	(348,683)	912810-0T-8	US TREASURY N/B United States Treasury Nt, 3.125% due 11/15/2041	1	24,925,407	34,139,649
12518*ZF0	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	27,262,281	31,473,857	10/12/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	234,231	(348,683)	38378W-VN-0	GNR 2013-124 BZ Z SEQ3.5% due 08/20/2043	1	27,028,050	31,822,540
12518*ZE3	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	27,166,475	29,945,744	10/12/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	234,231	(348,683)	3136AV-H9-3	FNR 2017-17 ZL Z SEQ3% due 03/25/2047	1	26,932,244	30,294,427
12518*ZG8	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,838,784	31,176,184	10/12/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	219,830	(348,683)	912810-0S-0	US TREASURY N/B United States Treasury Nt, 3.75% due 08/15/2041	1	25,618,954	31,524,867
12518*ZD5	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	26,009,050	30,300,954	10/12/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	234,231	(348,683)	38378P-G7-7	FHR 4660 LA SEQ3% due 02/15/2047	1	25,774,819	30,649,637
12518*ZH6	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,120,678	28,408,915	10/16/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	242,833	(348,683)	38377R-K0-7	GNR 2010-163 DC EXCH PAC-1-114% due 12/16/2040	1	24,877,845	28,757,598
12518*ZJ2	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,126,990	28,408,915	10/16/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	249,145	(348,683)	38377R-K0-7	GNR 2010-163 DC EXCH PAC-1-114% due 12/16/2040	1	24,877,845	28,757,598
12518*ZZ6	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,719,268	33,790,966	10/16/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	249,145	(348,683)	912810-0T-8	US TREASURY N/B United States Treasury Nt, 3.125% due 11/15/2041	1	25,470,123	34,139,649
12518*ZL7	CDX.NA.HY31 SR. TRANCHE	1	72,636,058	90,000,011	97,902,262	10/16/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	10,604,485	10,602,684	3137B1-VG-4	FHR 4209 VZ Z SEQ4% due 05/15/2043	1	79,395,526	87,299,578
12518*ZM5	CDX.NA.IG31 SR. TRANCHE	1	50,000,000	53,238,366	62,059,443	10/18/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	513,247	(697,365)	3136AF-FB-5	FNR 2013-67 VZ Z SEQ4% due 07/25/2043	1	52,725,119	62,756,808
12518*ZK9	CDX.NA.HY31 SR. TRANCHE	1	48,424,038	60,107,068	64,889,612	10/18/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	7,110,958	7,068,456	3137AP-EN-6	GNR 2014-12 NZ Z SEQ3% due 01/20/2044	1	52,996,110	57,821,156
12518*ZP8	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	26,978,786	28,929,205	10/19/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	253,146	(348,683)	3137A3-HY-8	FHR 3751 PE PAC-114.5% due 11/15/2040	1	26,725,640	29,277,888
12518*ZN3	CDX.NA.HY31 SR. TRANCHE	1	72,636,058	85,107,571	95,845,196	10/19/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	10,625,606	10,602,684	38378C-LR-6	GNR 2012-13 ZK Z SEQ3.5% due 01/20/2042	1	74,481,965	85,242,512
12518*ZQ6	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	26,976,980	28,929,205	10/19/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	251,340	(348,683)	38378W-VN-0	GNR 2013-124 BZ Z SEQ3.5% due 08/20/2043	1	26,725,640	29,277,888
12518*ZR4	CDX.NA.IG31 SR. TRANCHE	1	50,000,000	50,497,890	58,082,750	10/19/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	481,006	(697,365)	3137A3-HY-8	FHR 3751 PE PAC-114.5% due 11/15/2040	1	50,016,884	58,780,115
12518*ZS2	CDX.NA.IG31 SR. TRANCHE	1	50,000,000	50,853,732	56,788,697	10/19/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	452,103	(697,365)	38378P-ZK-9	GNR 2009-116 LN PAC-1-115% due 12/16/2039	1	50,401,629	57,486,062
12518*ZU7	CDX.NA.IG31 SR. TRANCHE	1	50,000,000	54,777,074	57,590,587	10/20/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	466,799	(697,365)	3136AV-TB-5	FNR 2017-11 B EXCH SEQ3% due 03/25/2047	1	54,310,275	58,287,952
12518*ZV5	CDX.NA.HY31 SR. TRANCHE	1	96,848,077	123,862,978	135,455,319	10/20/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	14,147,206	14,136,912	38376E-TL-9	GNR 2009-108 WY EXCH PAC-1-115% due 11/20/2039	1	109,715,772	121,318,407
12518*ZT0	CDX.NA.HY31 SR. TRANCHE	1	96,848,077	116,060,096	127,593,982	10/20/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	14,147,206	14,136,912	3137B2-P8-7	GNR 2014-12 AY EXCH SEQ3% due 01/20/2044	1	101,912,890	113,457,070

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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	2	3	4	5	6	7	8	Derivative Instrument(s) Open			Cash Instrument(s) Held				
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9	10	11	12	13	14	15	16
								Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
12518*Z13	CDX.NA.IG31 SR. TRANCHE	1	50,000,000	54,678,666	58,781,027	10/23/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	492,869	(697,365)	38377J-FB-4 08/20/2040 3136AV-H9-3 03/25/2047 3137BB-CR-9 06/15/2044 3137AR-WY-8 07/15/2042 3137BB-CR-9 06/15/2044 912810-FP-8 US TREASURY N/B United States Treasury Nt, 5.375% due 02/15/2031 912810-QL-5 US TREASURY N/B United States Treasury Nt, 4.25% due 11/15/2040 912810-OT-8 US TREASURY N/B United States Treasury Nt, 3.125% due 11/15/2041 912810-QS-0 US TREASURY N/B United States Treasury Nt, 3.75% due 08/15/2041 912810-QS-0 US TREASURY N/B United States Treasury Nt, 3.75% due 08/15/2041 3137AP-BW-9 FHR 4107 HY EXCH PAC-113% due 09/15/2042 3137AU-FJ-3 GNR 2010-160 ZY Z PAC-114.5% due 12/20/2040 38377R-LU-7 FHR 4323 VZ Z SEQ4% due 04/15/2044 3137BA-G6-3 FHR 4666 VZ Z SEQ3% due 03/15/2047 3137BW-P5-7 GNR 2010-107 PY AD PAC-1-114.5% due 08/20/2040 38377J-FV-0 FNR 2011-110 EW EXCH AD PAC-114.5% due 11/25/2041 3136A2-CX-9 FNR 2015-44 JL SEQ3.5% due 07/25/2045 3136AP-FS-6 FHR 4057 ZB Z SEQ3.5% due 06/15/2042 3137AR-M2-9 FHR 4503 ZA Z SEQ3.5% due 08/15/2045 3137BL-2V-9 FNR 2012-103 ZC EXCH Z SEQ3.5% due 09/25/2042 3136A8-D6-4 GNR 2010-149 LB AD PAC-114.5% due 11/16/2040 38377M-P9-1 GNR 2010-158 DG PAC-114% due 12/20/2040 38377R-BJ-3 FNR 2012-76 ZG Z SEQ4% due 07/25/2042 3136A6-NA-2 FNR 2017-13 AB PAC-113% due 02/25/2047 3136AV-FU-8 GNR 2012-94 BZ Z SEQ3.5% due 07/20/2042 38375G-QP-9 FHR 4793 ZK EXCH Z SEQ4.5% due 06/15/2048 3137FE-ZH-5 FNR 2017-20 BP PAC3.5% due 04/25/2047 3136AV-ST-2 GNR 2010-151 DG PAC-1-114% due 11/20/2040	1	54,678,666	58,781,027	
12518*Z1	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,562,106	29,632,312	10/23/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	237,385	(348,683)	3137BB-CR-9	FHR 4354 GL EXCH SEQ3.5% due 06/15/2044	1	25,562,106	29,632,312
12518*A34	CDX.NA.HY31 SR. TRANCHE	1	96,848,077	118,937,468	164,040,218	10/23/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	14,172,012	14,136,912	912810-FP-8	US TREASURY N/B United States Treasury Nt, 5.375% due 02/15/2031	1	118,937,468	164,040,218
12518*A42	CDX.NA.HY31 SR. TRANCHE	1	96,848,077	116,537,771	152,705,588	10/23/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	14,168,583	14,136,912	912810-OT-8	US TREASURY N/B United States Treasury Nt, 3.125% due 11/15/2041	1	116,537,771	152,705,588
12518*A59	CDX.NA.HY31 SR. TRANCHE	1	96,848,077	121,498,691	159,742,389	10/23/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	14,127,422	14,136,912	912810-QS-0	US TREASURY N/B United States Treasury Nt, 3.75% due 08/15/2041	1	121,498,691	159,742,389
12518*A75	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	27,790,863	29,718,225	10/23/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	235,575	(348,683)	3137AP-BW-9	FHR 4107 HY EXCH PAC-113% due 09/15/2042	1	27,790,863	29,718,225
12518*A67	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	27,523,435	32,220,482	10/23/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	235,575	(348,683)	3137AU-FJ-3	GNR 2010-160 ZY Z PAC-114.5% due 12/20/2040	1	27,523,435	32,220,482
12518*A83	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,985,686	29,805,632	10/23/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	231,954	(348,683)	3137BA-G6-3	FHR 4323 VZ Z SEQ4% due 04/15/2044	1	25,985,686	29,805,632
12518*B41	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	26,347,179	28,912,973	10/24/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	213,961	(348,683)	3137BW-P5-7	FHR 4666 VZ Z SEQ3% due 03/15/2047	1	26,347,179	28,912,973
12518*B25	CDX.NA.HY31 SR. TRANCHE	1	48,424,038	59,042,572	66,434,685	10/24/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	7,012,345	7,068,456	3136A2-CX-9	GNR 2010-107 PY AD PAC-1-114.5% due 08/20/2040	1	59,042,572	66,434,685
12518*B58	CDX.NA.HY31 SR. TRANCHE	1	48,424,038	58,240,567	62,632,037	10/24/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	7,002,044	7,068,456	3136AP-FS-6	FNR 2015-44 JL SEQ3.5% due 07/25/2045	1	58,240,567	62,632,037
12518*B33	CDX.NA.HY31 SR. TRANCHE	1	48,424,038	57,838,355	62,661,662	10/24/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	7,012,345	7,068,456	3136A8-D6-4	FHR 4057 ZB Z SEQ3.5% due 06/15/2042	1	57,838,355	62,661,662
12518*B66	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,011,788	28,269,061	10/25/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	226,760	(348,683)	38377M-P9-1	GNR 2010-149 LB AD PAC-114.5% due 11/16/2040	1	25,011,788	28,269,061
12518*B82	CDX.NA.HY31 SR. TRANCHE	1	48,424,038	58,463,102	64,770,771	10/25/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	7,039,924	7,068,456	3136A6-NA-2	GNR 2010-158 DG PAC-114% due 12/20/2040	1	58,463,102	64,770,771
12518*B74	CDX.NA.HY31 SR. TRANCHE	1	96,848,077	118,232,380	132,055,424	10/25/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	14,086,718	14,136,912	3136AV-FU-8	FNR 2012-76 ZG Z SEQ4% due 07/25/2042	1	118,232,380	132,055,424
12518*C24	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,323,583	28,411,961	10/25/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	212,260	(348,683)	38377N-GC-2	GNR 2010-151 DG PAC-1-114% due 11/20/2040	1	25,323,583	28,411,961

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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	2	3	4	5	6	7	8	Derivative Instrument(s) Open			Cash Instrument(s) Held				
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9	10	11	12	13	14	15	16
								Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
12518*J84	CDX.NA.HY31 SR. TRANCHE	1	48,424,038	54,521,297	71,658,300	11/14/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	7,080,428	7,068,456	912810-QY-7	US TREASURY N/B United States Treasury Nt, 2.75% due 11/15/2042	1	47,440,869	64,589,844
12518*J92	CDX.NA.HY31 SR. TRANCHE	1	48,424,038	54,547,387	71,658,300	11/14/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	7,049,167	7,068,456	912810-QY-7	US TREASURY N/B United States Treasury Nt, 2.75% due 11/15/2042	1	47,498,220	64,589,844
12518*K25	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,528,490	34,529,833	11/14/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	203,506	(348,683)	912810-QY-7	US TREASURY N/B United States Treasury Nt, 2.75% due 11/15/2042	1	25,324,984	34,878,516
12518*K33	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,929,465	27,971,978	11/15/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	198,113	(348,683)	383786-AF-5	GNR 2012-134 PM PAC-113% due 11/20/2042	1	25,731,352	28,320,661
12518*K41	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	26,886,338	30,772,561	11/15/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	194,447	(348,683)	3137A3-4Y-2	FNR 2012-70 HB PAC-113% due 07/25/2042	1	26,691,891	31,121,244
12518*K58	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,482,230	27,773,156	11/15/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	193,530	(348,683)	3136A7-FM-9	FHR 4030 PE PAC-1-113.5% due 04/15/2042	1	25,288,700	28,121,839
12518*K66	CDX.NA.HY31 SR. TRANCHE	1	48,424,038	58,299,426	64,635,819	11/15/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	7,000,619	7,068,456	3137AP-MM-9	FHR 4050 CZ Z SE04% due 05/15/2042	1	51,298,807	57,567,363
12518*K74	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	26,354,566	28,568,130	11/15/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	174,277	(348,683)	3136A0-D0-7	FNR 2011-77 PC PAC-114% due 08/25/2041	1	26,180,289	28,916,813
12518*K82	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	27,589,863	34,278,181	11/16/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	143,170	(348,683)	38378U-L2-1	GNR 2013-144 YM EXCH SE02.5% due 10/20/2043	1	27,446,693	34,626,864
12518*K90	CDX.NA.IG31 SR. TRANCHE	1	50,000,000	50,913,327	54,985,131	11/16/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	275,325	(697,365)	3136AB-YK-3	GNR 2010-163 MC PAC-1-114% due 12/16/2040	1	50,638,002	55,682,496
12518*L24	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	27,561,102	29,038,923	11/16/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	126,646	(348,683)	3136A4-3X-5	FNR 2013-1 ZV Z SE03% due 02/25/2043	1	27,434,456	29,387,606
12518*L32	CDX.NA.HY31 SR. TRANCHE	1	48,424,038	56,324,996	64,171,303	11/17/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	6,969,473	7,068,456	38376Y-3N-9	GNR 2010-151 KE AD PAC-114.25% due 11/16/2040	1	49,355,523	57,102,847
12518*L40	CDX.NA.IG31 SR. TRANCHE	1	50,000,000	50,845,337	55,066,478	11/20/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	174,685	(697,365)	38377M-N4-4	GNR 2010-149 MB AD PAC-114.5% due 11/16/2040	1	50,670,652	55,763,843
12518*L65	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,397,132	27,540,925	11/20/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	80,899	(348,683)	38377K-LE-8	GNR 2010-114 NC EXCH PAC-114.5% due 09/20/2040	1	25,316,233	27,889,608
12518*L57	CDX.NA.HY31 SR. TRANCHE	1	48,424,038	57,714,320	64,386,808	11/20/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	6,952,257	7,068,456	38376L-AH-2	GNR 2010-93 LP PAC-1-114.5% due 07/20/2040	1	50,762,063	57,318,352
12518*L73	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,116,117	28,221,580	11/20/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	68,009	(348,683)	3136AV-R6-8	FNR 2017-24 Z Z SE03% due 04/25/2047	1	25,048,108	28,570,263
12518*L81	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	25,962,180	29,085,466	11/20/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	60,642	(348,683)	38376P-4G-2	GNR 2009-127 PB PAC-1-115% due 12/20/2039	1	25,901,538	29,434,149
12518*L99	CDX.NA.IG31 SR. TRANCHE	1	50,000,000	52,100,952	56,270,553	11/21/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	91,861	(697,365)	3136A5-MB-9	FNR 2012-35 DB PAC-113.5% due 04/25/2042	1	52,009,091	56,967,918
12518*M23	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	27,365,259	30,874,486	11/21/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	45,931	(348,683)	3136A8-V9-8	FNR 2012-113 EM PAC-113% due 10/25/2042	1	27,319,328	31,223,169
12518*M31	CDX.NA.HY31 SR. TRANCHE	1	48,424,038	56,500,794	61,138,525	11/21/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	6,896,473	7,068,456	3136AF-6F-6	FNR 2013-90 AZ Z SE04% due 09/25/2043	1	49,604,321	54,070,069
12518*M49	CDX.NA.IG31 SR. TRANCHE	1	75,000,000	76,100,150	81,060,314	11/21/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	103,230	(1,046,048)	3136A7-WY-4	FNR 2017-12 TZ Z SE03% due 03/25/2047	1	75,996,920	82,106,362
											3136A7-WY-4	FNR 2012-87 VZ Z SE03% due 08/25/2042	1		
											3137AV-4E-4	FHR 4121 AZ Z SE03% due 10/15/2042	1		

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

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
1	2	3	4	5	6	7	8	Derivative Instrument(s) Open			Cash Instrument(s) Held				
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9	10	11	12	13	14	15	16
								Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
12518*M64	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	26,783,576	30,541,032	11/27/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	31,283	(348,683)	38377R-NH-4	GNR 2010-160 PT EXCH PAC-114% due 12/20/2040	1		
12518*M72	CDX.NA.IG31 SR. TRANCHE	1	50,000,000	51,346,881	55,638,541	11/27/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	62,566	(697,365)	38376T-DV-1	GNR 2010-2 PZ Z PAC-15% due 01/20/2040	1	26,752,293	30,889,715
12518*M56	CDX.NA.HY31 SR. TRANCHE	1	96,848,077	114,359,876	124,214,191	11/27/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	13,863,392	14,136,912	3136AK-6J-7	FNR 2014-65 DZ Z SEQ3.5% due 10/25/2044	1	51,284,315	56,335,906
12518*M80	CDX.NA.IG31 SR. TRANCHE	1	25,000,000	27,782,631	32,141,837	11/27/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.IG31 SR. TRANCHE, REC. 1% FIXED RATE	9,087	(348,683)	3137AR-MM-5	FHR 4068 CE PAC-1-113% due 06/15/2042	1		
12518*M98	CDX.NA.HY31 SR. TRANCHE	1	72,636,058	83,963,250	90,353,379	11/28/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	10,313,501	10,602,684	38378E-NB-5	GNR 2012-66 CY EXCH SEQ3.5% due 05/20/2042	1	100,496,484	110,077,279
12518*N22	CDX.NA.HY31 SR. TRANCHE	1	24,212,019	30,419,672	35,649,213	11/28/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	3,437,834	3,534,228	38376V-3Z-8	GNR 2010-26 PZ SC Z SEQ5% due 01/20/2040	1	27,773,544	32,490,520
12518*N30	CDX.NA.HY31 SR. TRANCHE	1	48,424,038	56,855,531	62,695,212	11/29/2018	12/20/2023	CREDIT DEFAULT SWAP ON CDX.NA.HY31 SR. TRANCHE, REC. 5% FIXED RATE	6,938,814	7,068,456	38377R-V6-9	GNR 2010-165 PC PAC-1-114% due 12/20/2040	1	73,649,749	79,750,695
12607@BQ2	CDX.NA.IG33 SR. TRANCHE	1	50,000,000	55,610,236	71,246,405	09/26/2019	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	684,279	(3,028,986)	38376X-S7-9	GNR 2010-51 WZ Z PAC-1-115% due 04/20/2040	1	26,981,838	32,114,985
12607@BR0	CDX.NA.IG33 SR. TRANCHE	1	50,000,000	50,925,770	72,431,092	09/27/2019	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	680,387	(3,028,986)	38376E-TZ-8	GNR 2009-110 KA PAC-1-115% due 11/20/2039	1	49,916,717	55,626,756
12607@BU3	CDX.NA.IG33 SR. TRANCHE	1	100,000,000	110,701,564	157,971,481	09/28/2019	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	1,247,976	(6,057,972)	38374Y-WK-5	US TREASURY N/B United States Treasury Nt, 3.75% due 08/15/2041	1	54,925,957	74,275,391
12607@BV1	CDX.NA.IG33 SR. TRANCHE	1	50,000,000	50,689,712	66,057,068	10/01/2019	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	620,427	(3,028,986)	912810-QS-0	US TREASURY N/B United States Treasury Nt, 3.625% due 02/15/2044	1	50,245,383	75,460,078
12607@CS7	CDX.NA.IG33 SR. TRANCHE	1	50,000,000	50,531,771	65,996,229	10/03/2019	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	544,047	(3,028,986)	912810-RE-0	US TREASURY N/B United States Treasury Nt, 3.625% due 02/15/2044	1	109,453,588	164,029,453
12607@CT5	CDX.NA.IG33 SR. TRANCHE	1	50,000,000	50,739,476	79,541,717	10/03/2019	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	498,735	(3,028,986)	912810-RE-0	US TREASURY N/B United States Treasury Nt, 2.75% due 08/15/2042	1	50,069,285	69,086,054
12607@CV0	CDX.NA.IG33 SR. TRANCHE	1	25,000,000	25,218,904	29,089,205	10/04/2019	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	217,758	(1,514,493)	912810-QX-9	US TREASURY N/B United States Treasury Nt, 3.125% due 02/15/2042	1	49,987,724	69,025,215
12607@CU2	CDX.NA.IG33 SR. TRANCHE	1	50,000,000	50,858,570	66,731,991	10/04/2019	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	444,584	(3,028,986)	912810-QA-9	US TREASURY N/B United States Treasury Nt, 3.5% due 02/15/2039	1	50,240,741	82,570,703
12607@CI8	CDX.NA.IG33 SR. TRANCHE	1	50,000,000	51,703,477	52,822,864	10/09/2019	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	463,918	(3,028,986)	912810-QU-5	US TREASURY N/B United States Treasury Nt, 3.125% due 02/15/2042	1	25,001,146	30,603,698
12607@DC1	CDX.NA.IG33 SR. TRANCHE	1	100,000,000	101,689,255	132,963,005	10/10/2019	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	982,891	(6,057,972)	912810-RE-0	US TREASURY N/B United States Treasury Nt, 3.625% due 02/15/2044	1	50,413,986	69,760,977
12607@DD9	CDX.NA.IG33 SR. TRANCHE	1	50,000,000	50,060,108	65,312,811	10/11/2019	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	569,049	(3,028,986)	912810-OT-8	US TREASURY N/B United States Treasury Nt, 3.125% due 11/15/2041	1	50,413,986	69,760,977
12607@DE7	CDX.NA.IG33 SR. TRANCHE	1	50,000,000	50,905,711	73,399,608	10/11/2019	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	555,400	(3,028,986)	912810-QA-9	US TREASURY N/B United States Treasury Nt, 3.5% due 02/15/2039	1	51,239,559	55,851,850
12607@EK2	CDX.NA.IG33 SR. TRANCHE	1*	100,000,000	123,618,998	187,273,044	02/25/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	1,948,269	(6,057,972)	3136A6-P4-0	FNR 2012-76 DZ Z SEQ4% due 07/25/2042	1	100,706,364	139,020,977
											912810-RB-6	US TREASURY N/B United States Treasury Nt, 2.875% due 05/15/2043	1	100,706,364	139,020,977
											912810-QU-5	US TREASURY N/B United States Treasury Nt, 3.125% due 02/15/2042	1	49,491,059	68,341,797
											912810-RB-6	US TREASURY N/B United States Treasury Nt, 2.875% due 05/15/2043	1	50,350,311	76,428,594
											912810-QL-5	US TREASURY N/B United States Treasury Nt, 4.25% due 11/15/2040	1	121,670,729	193,331,016

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

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
1	2	3	4	5	6	7	8	Derivative Instrument(s) Open			Cash Instrument(s) Held				
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9	10	11	12	13	14	15	16
								Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
12607@EJ5	CDX.NA.IG33 SR. TRANCHE	1*	50,000,000	54,512,636	76,035,077	02/25/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	971,683	(3,028,986)	912810-RB-6	US TREASURY N/B United States Treasury Nt, 2.875% due 05/15/2043	1	53,540,953	79,064,063
12607@ELO	CDX.NA.IG33 SR. TRANCHE	1*	100,000,000	126,297,733	148,328,747	02/26/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	2,030,588	(6,057,972)	912810-FM-5	US TREASURY N/B United States Treasury Nt, 6.25% due 05/15/2030	1	124,267,145	154,386,719
12607@EM8	CDX.NA.IG33 SR. TRANCHE	1*	50,000,000	66,889,319	84,135,662	02/26/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	976,044	(3,028,986)	912810-OX-9	US TREASURY N/B United States Treasury Nt, 2.75% due 08/15/2042	1	65,913,275	87,164,648
12607@EN6	CDX.NA.IG33 SR. TRANCHE	1*	50,000,000	73,222,133	95,801,093	02/26/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	892,633	(3,028,986)	912810-RB-6	US TREASURY N/B United States Treasury Nt, 2.875% due 05/15/2043	1	72,329,500	98,830,079
12607@EP1	CDX.NA.IG33 SR. TRANCHE	1*	100,000,000	120,817,314	155,416,638	02/27/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	1,948,275	(6,057,972)	912810-QY-7	US TREASURY N/B United States Treasury Nt, 2.75% due 11/15/2042	1	118,869,039	161,474,610
12607@EQ9	CDX.NA.IG33 SR. TRANCHE	1*	100,000,000	105,887,001	136,039,685	02/27/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	1,791,000	(6,057,972)	912810-QY-7	US TREASURY N/B United States Treasury Nt, 2.75% due 11/15/2042	1	104,096,001	142,097,657
12607@ER7	CDX.NA.IG33 SR. TRANCHE	1*	65,000,000	71,629,625	94,892,397	02/28/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	782,980	(3,937,682)	912810-RB-6	US TREASURY N/B United States Treasury Nt, 2.875% due 05/15/2043	1	70,846,645	98,830,079
12607@ESS	CDX.NA.IG33 SR. TRANCHE	1*	55,000,000	59,244,212	82,320,851	02/28/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	651,701	(3,331,884)	912810-RB-6	US TREASURY N/B United States Treasury Nt, 2.875% due 05/15/2043	1	58,592,511	85,652,735
12607@ET3	CDX.NA.IG33 SR. TRANCHE	1*	50,000,000	59,250,265	74,450,701	02/28/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	661,310	(3,028,986)	912810-OX-9	US TREASURY N/B United States Treasury Nt, 2.75% due 08/15/2042	1	58,588,955	77,479,687
12607@EU0	CDX.NA.IG33 SR. TRANCHE	1*	50,000,000	55,801,552	76,035,077	02/28/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	651,473	(3,028,986)	912810-RB-6	US TREASURY N/B United States Treasury Nt, 2.875% due 05/15/2043	1	55,150,079	79,064,063
12607@EV8	CDX.NA.IG33 SR. TRANCHE	1*	50,000,000	50,554,472	69,446,405	02/29/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	520,339	(3,028,986)	912810-RB-6	US TREASURY N/B United States Treasury Nt, 2.875% due 05/15/2043	1	50,034,133	72,475,391
12607@EW6	CDX.NA.IG33 SR. TRANCHE	1*	50,000,000	53,723,076	76,035,077	02/29/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	476,049	(3,028,986)	912810-RB-6	US TREASURY N/B United States Treasury Nt, 2.875% due 05/15/2043	1	53,247,027	79,064,063
12607@EX4	CDX.NA.IG33 SR. TRANCHE	1*	50,000,000	53,774,120	55,108,457	03/04/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	437,714	(3,028,986)	3136A6-P4-0	FMR 2012-76 DZ Z SE04% due 07/25/2042	1	53,336,406	58,137,443
12607@FA3	CDX.NA.IG33 SR. TRANCHE	1*	50,000,000	71,358,400	93,855,780	03/06/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	382,181	(3,028,986)	912810-QY-7	US TREASURY N/B United States Treasury Nt, 2.75% due 11/15/2042	1	70,976,219	96,884,766
12607@EZ9	CDX.NA.IG33 SR. TRANCHE	1*	50,000,000	53,555,522	53,061,303	03/06/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	327,865	(3,028,986)	655844-BX-5	NORFOLK SOUTHERN CORP SR UNSEC3.942% due 11/01/2047	1	53,227,657	56,090,289
12607@FE5	CDX.NA.IG33 SR. TRANCHE	1*	50,000,000	53,308,622	53,335,063	03/06/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	199,473	(3,028,986)	00206R-GL-0	AT&T INC SR UNSEC4.1% due 02/15/2028	1	53,109,149	56,364,049
12607@FD7	CDX.NA.IG33 SR. TRANCHE	1*	100,000,000	106,728,176	142,492,809	03/06/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	635,976	(6,057,972)	912810-OS-0	US TREASURY N/B United States Treasury Nt, 3.75% due 08/15/2041	1	106,092,200	148,550,781
12607@EY2	CDX.NA.HY33 SR. TRANCHE	1*	49,913,462	59,974,770	57,998,549	03/06/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.HY33 SR. TRANCHE, REC. 5% FIXED RATE	9,974,770	6,824,529	06051G-GR-4	BANK OF AMERICA CORP SR UNSEC3.593% due 07/21/2028	1	50,000,000	51,174,020
12607@FB1	CDX.NA.HY33 SR. TRANCHE	1*	49,913,462	59,962,460	48,464,529	03/06/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.HY33 SR. TRANCHE, REC. 5% FIXED RATE	9,962,460	6,824,529	00775V-10-4	AEGON FUNDING CORP II NEW MONEY% due 01/00/1900	1	50,000,000	41,640,000
12607@FC9	CDX.NA.HY33 SR. TRANCHE	1*	49,913,462	59,854,136	56,445,761	03/06/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.HY33 SR. TRANCHE, REC. 5% FIXED RATE	9,854,136	6,824,529	539439-AQ-2	LLOYDS BANKING GROUP PLC SR UNSEC3.574% due 11/07/2028	1	50,000,000	49,621,232
12607@FG0	CDX.NA.IG33 SR. TRANCHE	1*	50,000,000	72,909,720	100,314,764	03/07/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	(411,765)	(3,028,986)	912810-QY-7	US TREASURY N/B United States Treasury Nt, 2.75% due 11/15/2042	1	73,321,485	103,343,750
12607@FF2	CDX.NA.HY33 SR. TRANCHE	1*	49,913,462	59,470,862	58,878,063	03/07/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.HY33 SR. TRANCHE, REC. 5% FIXED RATE	9,536,940	6,824,529	49327M-2K-9	KEY BANK NA SR UNSEC3.3% due 06/01/2025	1	49,933,922	52,053,534
12607@FH8	CDX.NA.HY33 SR. TRANCHE	1*	49,913,462	59,418,790	51,261,688	03/07/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.HY33 SR. TRANCHE, REC. 5% FIXED RATE	9,566,650	6,824,529	37045X-AS-5	GENERAL MOTORS FINL CO CO GUARNT4% due 01/15/2025	1	49,862,140	44,437,159
12607@FJ4	CDX.NA.HY33 SR. TRANCHE	1*	49,913,462	59,150,188	60,680,757	03/07/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.HY33 SR. TRANCHE, REC. 5% FIXED RATE	9,556,650	6,824,529	452308-AR-0	ILLINOIS TOOL WORKS INC SR UNSEC3.9% due 09/01/2042	1	49,593,538	53,856,228

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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
12607@FK1	CDX.NA.HY33 SR. TRANCHE	1*	49,913,462	58,627,922	59,298,355	03/11/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.HY33 SR. TRANCHE, REC. 5% FIXED RATE	8,734,536	6,824,529	855244-AT-6	STARBUCKS CORP SR UNSEC3.55% due 08/15/2029	1	49,893,386	52,473,826
12607@FL9	CDX.NA.IG33 SR. TRANCHE	1*	50,000,000	48,490,480	45,662,168	03/11/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.IG33 SR. TRANCHE, REC. 1% FIXED RATE	(1,430,908)	(3,028,986)	91913Y-AS-9	VALERO ENERGY CORP SR UNSEC3.65% due 03/15/2025	1	49,921,388	48,691,154
12607@FM7	CDX.NA.HY33 SR. TRANCHE	1*	49,913,462	55,118,748	71,414,373	03/13/2020	12/20/2024	CREDIT DEFAULT SWAP ON CDX.NA.HY33 SR. TRANCHE, REC. 5% FIXED RATE	7,655,984	6,824,529	912810-QY-7	US TREASURY N/B United States Treasury Nt, 2.75% due 11/15/2042	1	47,462,764	64,589,844
91283@AD5	10yr U.S. Treasury Note	1	10,000,000	10,067,100	10,140,749	07/15/2016	07/15/2026	CREDIT DEFAULT SWAP ON 10yr U.S. Treasury Note, REC. 0.125% FIXED RATE		45,246	912828-S5-0	TSY INFL IX N/B United States Treasury In .1250.125% due 07/15/2026	1	10,067,100	10,095,503
999999999 - Totals				10,093,387,626	11,985,559,917	XXX	XXX	XXX	435,782,169	172,925,082	XXX	XXX	XXX	9,657,605,457	11,812,634,835

STATEMENT AS OF MARCH 31, 2020 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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	185	9,463,817,759							185	9,463,817,759
2. Add: Opened or Acquired Transactions.....	28	1,953,151,252							28	1,953,151,252
3. Add: Increases in Replication (Synthetic Asset) Transactions Statement Value.....	XXX	6,423,696	XXX		XXX		XXX		XXX	6,423,696
4. Less: Closed or Disposed of Transactions.....	20	1,330,005,093							20	1,330,005,093
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	193	10,093,387,614							193	10,093,387,614

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.....	80,133,565
2. Part B, Section 1, Column 15 plus Part B, Section 1 Footnote - Total Ending Cash Balance.....
3. Total (Line 1 plus Line 2).....	80,133,565
4. Part D, Section 1, Column 5.....	1,577,208,968
5. Part D, Section 1, Column 6.....	(52,684,219)
6. Total (Line 3 minus Line 4 minus Line 5).....	(1,444,391,184)

	Fair Value Check
7. Part A, Section 1, Column 16.....
8. Part B, Section 1, Column 13.....
9. Total (Line 7 plus Line 8).....
10. Part D, Section 1, Column 8.....	1,759,625,210
11. Part D, Section 1, Column 9.....	(234,458,198)
12. Total (Line 9 minus Line 10 minus Line 11).....	(1,525,167,012)

	Potential Exposure Check
13. Part A, Section 1, Column 21.....
14. Part B, Section 1, Column 20.....
15. Part D, Section 1, Column 11.....	9,264,620,094
16. Total (Line 13 plus Line 14 minus Line 15).....	(9,264,620,094)

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
2. Cost of cash equivalents acquired	4,706,469,518	24,675,653,015
3. Accrual of discount	479,012	5,180,116
4. Unrealized valuation increase (decrease)		
5. Total gain (loss) on disposals	(340,832)	8,253
6. Deduct consideration received on disposals	3,041,925,477	25,161,254,888
7. Deduct amortization of premium	150,549	
8. Total foreign exchange change in book/adjusted carrying value	(7,537,471)	
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)	1,656,994,201	
11. Deduct total nonadmitted amounts		
12. Statement value at end of current period (Line 10 minus Line 11)	1,656,994,201	

STATEMENT AS OF MARCH 31, 2020 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	2 Location		3 State	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
	City								
One Brickell Square	Miami	FL	08/28/2002	Various				2,939,631	
Houston Industrial Group I	Houston	TX	12/31/2002	Various				259,698	
925 & 1075 Lambert Road	Brea	CA	11/15/2012	Various				89,657	
Cobia Distribution Center	Miami	FL	02/06/2013	Various				2,273,035	
Empire Landing	Burbank	CA	04/30/2013	Various				110,112	
Cyan PDX	Portland	OR	05/21/2013	Various				38,313	
Cactus Distribution Center I	Phoenix	AZ	10/04/2019	Various				(337,375)	
Bridge Pointe	Woodridge	IL	10/04/2019	Various				68,417	
Landover DC	Landover	MD	10/04/2019	Various				31,789	
Park 55	Bolingbrook	IL	10/04/2019	Various				279,138	
Park 88	Aurora	IL	10/04/2019	Various				41,264	
Freepport DC	Coppell	TX	10/04/2019	Various				410,392	
Prairie Pointe	Naperville	IL	10/04/2019	Various				9,700	
3355 East La Palma Avenue & 1145 North Ocean Circle	Anaheim	CA	11/15/2012	Various				176,250	
Van Dorens West - Kent Valley IP	Kent	WA	12/30/2002	Various				125,262	
The Edge at Flagler Village	Fort Lauderdale	FL	04/14/2016	Various				9,630	
Franklin 299	Redwood City	CA	06/03/2016	Various				10,640	
600-650 College Road	Princeton	NJ	11/03/2016	Various				240,441	
Sole at Casselberry	Orlando	FL	05/03/2018	Various				(943)	
Yorktown Trinity Groves	Dallas	TX	07/25/2018	Various				26,770	
Oak View Mall	Omaha	NE	11/01/2018	Various				(18,604)	
Central Green Distribution Center Corporate	Houston	TX	07/30/2019	Various				281,638	
Near East Distribution Center Corporate	Houston	TX	01/22/2020	Near East JP/JB, LLC	13,503,549				
730 Third Avenue	New York	NY	01/01/1973	Various				11,418,042	
Waterford Professional Site	Miami	FL	01/01/1988	Various				81	
Pleasant Prairie Center	Pleasant Prairie	WI	03/20/2019	Various				4,091,754	
North Plainfield (USCIF)	Plainfield	IN	10/04/2019	Various				97,317	
SLC DC South	Salt Lake City	UT	10/04/2019	Various				18,844	
Greenwood DC	Greenwood	IN	10/04/2019	Various				(87,819)	
Redlands Industrial Center	Redlands	CA	10/04/2019	Various				366,457	
0199999. Acquired by Purchase					13,503,549			22,969,531	
Envisage - Ithaca NY Building	Ithaca	NY	01/02/2020	TIAA	2,255,000			(28,805)	
0299999. Acquired by Internal Transfer					2,255,000			(28,805)	
0399999 - Totals					15,758,549			22,940,726	

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	2 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	9 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
	City	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							
Pleasant Prairie Center	Pleasant Prairie	WI	01/31/2020	8500 116th Street Investors, LLC	11,868,530	4,091,754	7,776,776					11,868,530	14,758,252		2,889,722	2,889,722	318,022	753,683	
Ameriplex NP	Indianapolis	IN	02/25/2020	U.S. Cities Industrial Fund LP	9,228,093		9,228,093					9,228,093	9,228,093				58,254	69,802	
Agave DC	Phoenix	AZ	02/25/2020	U.S. Cities Industrial Fund LP	115,035,272		115,035,272					115,035,272	115,035,272				565,695	39,748	
North Plainfield (USCIF)	Plainfield	IN	02/25/2020	U.S. Cities Industrial Fund LP	51,361,786	97,317	51,361,786					51,361,786	51,361,786				334,026	123,734	
Raceway Crossings IC	Austin	TX	02/25/2020	U.S. Cities Industrial Fund LP	36,261,723		36,261,723					36,261,723	36,261,723				204,747	87,031	

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STATEMENT AS OF MARCH 31, 2020 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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								
SLC DC South	Salt Lake City	UT	.02/25/2020	U.S. Cities Industrial Fund LP	39,632,817	18,844	39,632,817						39,632,817	39,632,817				221,375	90,328	
Denver Distribution Center	Aurora	CO	.02/25/2020	U.S. Cities Industrial Fund LP	78,242,186		78,242,186						78,242,186	78,242,186				447,298	119,572	
Greenwood DC	Greenwood	IN	.02/25/2020	U.S. Cities Industrial Fund LP	24,891,723	(87,819)	24,979,542						24,891,723	24,891,723				153,645	52,452	
Randall Crossing	Elgin	IL	.02/25/2020	U.S. Cities Industrial Fund LP	10,881,037		10,881,037						10,881,037	10,881,037				32,987	15,713	
Redlands Industrial Center	Redlands	CA	.02/25/2020	U.S. Cities Industrial Fund LP	45,213,827	366,457	45,213,827						45,213,827	45,213,827				118,352	88,194	
Valwood West Industrial	Carrollton	TX	.02/25/2020	U.S. Cities Industrial Fund LP	48,020,383		48,020,383						48,020,383	48,020,383				274,713	80,251	
USCIF Valley View Industrial	Irving	TX	.02/25/2020	U.S. Cities Industrial Fund LP	20,052,083		20,052,083						20,052,083	20,052,083				120,625	76,017	
USCIF Pinnacle Building B	Dallas	TX	.02/25/2020	U.S. Cities Industrial Fund LP	25,798,972		25,798,972						25,798,972	25,798,972				112,401	25,046	
Commerce Farms 4	Lebanon		.02/25/2020	U.S. Cities Industrial Fund LP	22,773,295		22,773,295						22,773,295	22,773,295				101,749	111,329	
Inland Empire Indian Distribution Center	Perris	CA	.03/24/2020	U.S. Cities Industrial Fund LP	160,991,444		160,991,444						160,991,444	160,991,444				1,331,150	241,710	
13880 Monte Vista Ave	Chino	CA	.03/24/2020	U.S. Cities Industrial Fund LP	63,867,173		63,867,173						63,867,173	63,867,173				702,950	(34,785)	
Concours DC	Ontario	CA	.03/24/2020	U.S. Cities Industrial Fund LP	17,603,886		17,603,886						17,603,886	17,603,886				178,118	(2,293)	
0199999. Property Disposed					781,724,230	4,486,553	777,220,295						781,724,230	784,613,952			2,889,722	2,889,722	5,276,107	1,937,532
0399999 - Totals					781,724,230	4,486,553	777,220,295						781,724,230	784,613,952			2,889,722	2,889,722	5,276,107	1,937,532

STATEMENT AS OF MARCH 31, 2020 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE B - PART 2

Showing All Mortgage Loans ACQUIRED AND ADDITIONS MADE During the Current Quarter

1 Loan Number	2 Location		4 Loan Type	5 Date Acquired	6 Rate of Interest	7 Actual Cost at Time of Acquisition	8 Additional Investment Made After Acquisition	9 Value of Land and Buildings	
	City	3 State							
0855500 (GBP 4,793,761)	LONDON	GBR		03/14/2018	5.017		6,138,762	128,595,484	
0874400	NEW YORK	NY		04/11/2019	4.840		59,274,421	394,817,600	
0887602 (GBP 11,201,779)	LEICESTERSHIRE	GBR		10/04/2019	3.650		14,697,219	96,747,530	
0906600	BROOKLYN	NY		03/26/2020	3.500	47,000,000		91,000,000	
0906900	AUSTIN	TX		02/20/2020	3.550	105,600,000		201,800,000	
0907000	ALEXANDRIA	VA		01/24/2020	3.350	76,000,000		127,000,000	
0907100	DALLAS	TX		02/06/2020	3.400	93,500,000		181,000,000	
0908700	TAMPA	FL		02/28/2020	3.350	66,000,000		121,500,000	
0909101	EL SEGUNDO	CA		12/23/2019	2.975		1,377,263	241,300,761	
0909500	SAN DIEGO	CA		02/27/2020	3.350	43,000,000		67,600,000	
0910000	NASHVILLE	TN		01/30/2020	3.460	52,250,000		81,000,000	
0911200	PLAYA VISTA	CA		02/14/2020	3.300	245,000,000		517,000,000	
0911400	DENVER	CO		02/06/2020	4.750	50,600,000		64,436,997	
0911500	DES PLAINES	IL		03/02/2020	3.420	76,000,000		129,000,000	
0915700 (AUD 80,145,000)	SPRING HILL	AUS		03/11/2020	3.500	52,166,381		83,954,003	
0599999. Mortgages in good standing - Commercial mortgages-all other							907,116,381	81,487,665	2,526,752,375
0848301	NEW YORK	NY		12/13/2017	6.374		209,427	174,800,000	
0699999. Mortgages in good standing - Mezzanine Loans								209,427	174,800,000
0899999. Total Mortgages in good standing							907,116,381	81,697,092	2,701,552,375
1699999. Total - Restructured Mortgages									
2499999. Total - Mortgages with overdue interest over 90 days									
3299999. Total - Mortgages in the process of foreclosure									
3399999 - Totals							907,116,381	81,697,092	2,701,552,375

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
	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					
0691500	KIRKLAND	WA		08/22/2012	01/31/2020	18,401,687							18,364,800				18,401,687
0691600	PORTLAND	OR		08/22/2012	01/31/2020	20,645,795							20,604,410				20,645,795
0715400	BALDWIN PARK	CA		07/09/2015	03/18/2020	47,900,000							47,900,000				47,900,000
0718600	ELMHURST	IL		09/25/2015	01/08/2020	99,685,883							99,528,133				99,685,883
0804000	KENT	WA		11/08/2016	01/08/2020	115,000,000							115,000,000				115,000,000
EB114000543	WASHINGTON	DC		06/24/2016	02/01/2020	655,742		(5,647)			(5,647)		648,880				650,094
EB1170010773	SEATTLE	WA		07/17/2015	01/01/2020	606,408		(3,888)			(3,888)		601,370				602,521
EB1171013513	BOTHELL	WA		06/24/2016	01/01/2020	332,150		77			77		332,227				332,227
EB1215003015	MIAMI	FL		12/18/2015	02/01/2020	642,399		(4,933)			(4,933)		636,081				637,466
EB1216003574	GALVESTON	TX		12/16/2016	02/01/2020	161,416		(881)			(881)		99,667				160,535
EB122236135	SEATTLE	WA		12/18/2015	03/01/2020	743,785		(1,648)			(1,648)		738,000				742,138
EB1351003376	NEW YORK	NY		07/17/2015	01/01/2020	1,269,907		6,397			6,397		1,276,304				1,276,304
EB1353004664	MADISON	NJ		08/07/2015	01/01/2020	580,901		3,282			3,282		584,182				584,182
EB1357000780	GEORGETOWN	SC		11/20/2015	01/01/2020	464,606		(4,506)			(4,506)		460,099				460,099
EB1367010886	SAN DIEGO	CA		08/07/2015	02/01/2020	566,795		3,196			3,196		566,609				569,991
EB1369002956	FORT LAUDERDALE	FL		08/19/2016	03/01/2020	695,675		(1,940)			(1,940)		686,462				693,735
EB1382002837	SAN DIEGO	CA		08/07/2015	01/01/2020	639,607		1,803			1,803		641,410				641,410
EB1382003084	SCOTTSDALE	AZ		06/24/2016	01/01/2020	1,308,572		1,052			1,052		1,309,624				1,309,624
EB1382003308	CAMARILLO	CA		12/16/2016	01/01/2020	448,267		(3,225)			(3,225)		445,042				445,042
EB1386000455	CENTREVILLE	VA		11/20/2015	03/01/2020	393,245		(3,814)			(3,814)		387,214				389,430
EB1518002332	HONOLULU	HI		07/30/2015	01/01/2020	1,154,840		(2,918)			(2,918)		1,149,434				1,151,922
EB1540091565	CENTER VALLEY	PA		12/18/2015	01/01/2020	398,857		(3,041)			(3,041)		395,816				395,816

STATEMENT AS OF MARCH 31, 2020 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	
EB1540092913	LANSDALE	PA		10/09/2015	02/01/2020	488,968		1,040				1,040		487,208		490,008		
EB1540093314	BETHESDA	MD		10/09/2015	01/01/2020	1,066,666		(9,491)				(9,491)		1,057,175		1,057,175		
EB1540093857	KENNETT SQUARE	PA		06/24/2016	03/01/2020	433,671		(1,893)				(1,893)		429,696		431,778		
EB1540094677	NEWPORT BEACH	CA		12/16/2016	01/01/2020	1,224,107		(25,420)				(25,420)		1,196,569		1,198,687		
EB1541037953	NASHVILLE	TN		12/18/2015	01/01/2020	481,264		(3,693)				(3,693)		477,571		477,571		
EB1541040537	LA HABRA HEIGHTS	CA		08/17/2016	02/01/2020	675,033		(15,809)				(15,809)		656,730		659,224		
EB1541040782	GRAND LAKE	CO		12/16/2016	01/01/2020	1,067,458		(18,265)				(18,265)		1,049,193		1,049,193		
EB1567001513	CARLSBAD	CA		08/07/2015	03/01/2020	686,696		281				281		683,045		686,977		
EB1596048570	SEDONA	AZ		09/18/2015	03/01/2020	678,962		(8,654)				(8,654)		666,617		670,308		
EB1596048875	LOS ANGELES	CA		12/18/2015	01/01/2020	602,788		(4,805)				(4,805)		596,849		597,983		
EB1596050800	SHERMAN OAKS	CA		10/09/2015	03/01/2020	1,114,450		(3,947)				(3,947)		1,106,232		1,110,503		
EB1596053412	FORT LAUDERDALE	FL		08/17/2016	03/01/2020	550,129		(11,960)				(11,960)		537,134		538,169		
EB1596053905	ERIE	CO		12/16/2016	02/01/2020	404,745		(8,296)				(8,296)		395,470		396,450		
EB1771000608	SAN JUAN CAPISTRANO	CA		11/20/2015	02/01/2020	917,599		(9,016)				(9,016)		906,554		920,211		
EB1771001011	NEWPORT BEACH	CA		11/20/2015	01/01/2020	797,993		(3,397)				(3,397)		794,596		794,596		
EB1784001440	SAN FRANCISCO	CA		07/30/2015	03/01/2020	653,828		(1,648)				(1,648)		649,608		652,180		
EB1784002143	SAN FRANCISCO	CA		03/24/2016	03/01/2020	967,809		(11,090)				(11,090)		953,157		956,719		
EB1784002429	OAKLAND	CA		11/20/2015	01/01/2020	635,868		1,020				1,020		636,887		636,887		
EB1784003899	SAN FRANCISCO	CA		10/12/2016	03/01/2020	1,205,882		(2,754)				(2,754)		1,198,583		1,203,128		
EB1785003399	VALENCIA	CA		11/20/2015	01/01/2020	483,228		(4,688)				(4,688)		478,540		478,540		
EB1786002704	BELMONT	CA		06/24/2016	02/01/2020	1,067,805		305				305		1,065,698		1,068,110		
EB1786002754	BURLINGAME	CA		07/17/2015	01/01/2020	722,649		(700)				(700)		721,949		721,949		
EB1789003359	SARATOGA	CA		03/24/2016	03/01/2020	416,749		(2,933)				(2,933)		411,412		413,816		
EB1789003655	BERKELEY	CA		07/17/2015	01/01/2020	604,433		(3,623)				(3,623)		598,750		600,810		
EB1794003210	ASHBURN	VA		11/20/2015	03/01/2020	501,592		(2,138)				(2,138)		497,537		499,454		
FR125676614	NEWTON	MA		09/09/2016	01/01/2020	847,787		2,679				2,679		850,467		850,467		
FR125819842	BURLINGAME	CA		02/03/2017	03/01/2020	842,494		2,547				2,547		840,814		845,040		
PH7118774939	HEALDSBURG	CA		06/19/2015	01/01/2020	590,778		(6,151)				(6,151)		584,627		584,627		
PH7118861462	NAPERVILLE	IL		09/18/2015	01/01/2020	547,646		(5,420)				(5,420)		542,225		542,225		
PH7118930648	EL GRANADA	CA		08/15/2014	01/01/2020	869,835		(10,064)				(10,064)		859,771		859,771		
PH7119109242	BELMONT	CA		01/29/2015	01/01/2020	726,662		(9,331)				(9,331)		717,331		717,331		
PH7131515848	KILDEER	IL		09/12/2014	01/01/2020	577,047		(658)				(658)		576,389		576,389		
PH713177562	ANNAPOLIS	MD		10/10/2014	02/01/2020	497,140		(2,633)				(2,633)		493,562		494,507		
PH7131847589	MORGANVILLE	NJ		10/24/2014	02/01/2020	518,350		(194)				(194)		517,068		518,156		
PH7133201116	WESTFIELD	NJ		04/24/2015	02/01/2020	623,455		(3,981)				(3,981)		618,297		619,474		
PH7133510508	WAYZATA	MN		07/10/2015	01/01/2020	554,759		(97)				(97)		554,662		554,662		
PH7133924352	WHITE PLAINS	NY		09/18/2015	03/01/2020	448,870		(4,441)				(4,441)		442,021		444,429		
PH7134458079	GOODYEAR	AZ		12/11/2015	02/01/2020	406,473		(785)				(785)		404,934		405,688		
PH7135083538	LAFAYETTE	CO		01/15/2016	02/01/2020	405,534		(711)				(711)		403,948		404,823		
019999. Mortgages closed by repayment						339,603,739		(211,448)				(211,448)		339,014,640	339,403,916		11,628	11,628
0331002	SHELTON	CT		12/22/2005		20,587,463								714,734		714,734		
0374201	SANTA ANA	CA		07/01/2003		4,490,937								93,335		93,335		
0374401	SANTA ANA	CA		07/01/2003		5,501,398								114,336		114,336		
0416002	BOSTON	MA		07/23/2014		39,703,378								210,013		210,013		
0433901	ST PETERSBURG	FL		12/13/2002		2,308,707								177,712		177,712		
0433902	ST PETERSBURG	FL		12/13/2002		8,773,085								675,307		675,307		
0433903	ST PETERSBURG	FL		01/30/2004		6,426,070								494,666		494,666		
0450203	CORALVILLE	IA		08/03/2012		97,083,766								511,148		511,148		
0463803	ARLINGTON	TX		08/03/2012		234,500,754								1,030,762		1,030,762		
0473203	FRIENDSWOOD	TX		08/03/2012		234,370,910								1,038,276		1,038,276		
0499002	LEXINGTON	KY		04/26/2011		73,428,466								699,053		699,053		
0524201	SACRAMENTO	CA		01/28/2011		25,611,267								528,258		528,258		
0534705	PALMYRA	PA		10/15/2013		50,660,963								309,739		309,739		
0534706	DALLAS	TX		10/15/2013		38,124,521								233,092		233,092		
0545702	SAN DIEGO	CA		02/11/2013		72,618,022								415,848		415,848		
0548901	ATLANTA	GA		05/03/2013		68,107,688								415,618		415,618		
0552604	RICHMOND	VA		08/30/2013		92,652,203								301,779		301,779		
0552701	NEW YORK	NY		09/13/2013		46,251,082								246,813		246,813		
0556101	BETHESDA	MD		12/23/2011		28,183,848								168,242		168,242		
0582812	DFW AIRPORT	TX		06/03/2014		55,685,297								366,738		366,738		

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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)					
0582813	SOUTHAVEN	MS		06/03/2014		17,807,295						117,277				117,277
0582814	SAN BERNARDINO	CA		06/03/2014		49,085,962						323,275				323,275
0582815	SAN BERNARDINO	CA		06/03/2014		44,859,114						295,438				295,438
0584501	SEATTLE	WA		12/29/2011		71,166,650						392,223				392,223
0584502	SEATTLE	WA		12/29/2011		36,928,378						261,775				261,775
0587001	SEATTLE	WA		03/30/2011		36,888,742						159,710				159,710
0587200	LONG BEACH	CA		07/23/2004		27,984,159						527,990				527,990
0587201	LONG BEACH	CA		10/25/2007		3,191,454						147,090				147,090
0598900	SCOTTSDALE	AZ		07/20/2005		1,353,565						552,841				552,841
0606801	WILLOW GROVE	PA		09/21/2015		78,222,249						442,506				442,506
0611500	LAS VEGAS	NV		09/27/2005		7,531,583						277,211				277,211
0613100	LAS VEGAS	NV		12/20/2006		9,268,801						266,589				266,589
0624600	CHICAGO	IL		01/03/2006		94,503,073						401,048				401,048
0626400	LANSDOWNE	VA		05/30/2007		30,718,968						260,022				260,022
0627000	WASHINGTON	DC		04/27/2006		111,078,777						766,676				766,676
0635601	SAN ANTONIO	TX		09/05/2007		8,168,390						176,994				176,994
0638900	LAUREL	MD		11/30/2007		42,525,248						218,598				218,598
0642800	HOUSTON	TX		09/27/2007		34,767,694						254,376				254,376
0642801	HOUSTON	TX		07/28/2016		2,333,099						17,070				17,070
0663700	NEW YORK	NY		04/01/2008		29,568,261						453,113				453,113
0675400	SAN ANTONIO	TX		09/21/2010		21,941,101						141,833				141,833
0677101	SAN DIEGO	CA		08/27/2013		89,121,350						506,561				506,561
0677102	SAN DIEGO	CA		12/20/2017		29,002,934						136,059				136,059
0680500	DALLAS	TX		12/23/2010		23,032,258						128,800				128,800
0682700	ATLANTA	GA		04/02/2012		37,633,113						220,772				220,772
0683100	NORFOLK	VA		05/06/2011		51,349,827						319,122				319,122
0686400	ANNAPOLIS	MD		12/30/2011		21,118,213						145,087				145,087
0686700	DALLAS	TX		11/07/2011		38,670,524						152,187				152,187
0687100	NEW YORK	NY		12/05/2011		201,634,068						1,218,779				1,218,779
0688000	CHARLOTTE	NC		12/29/2011		70,308,038						427,521				427,521
0688600	VENTURA	CA		03/30/2012		118,324,029						824,647				824,647
0689300	DURHAM	NC		04/06/2012		116,707,260						674,098				674,098
0689700	PHILADELPHIA	PA		09/27/2012		23,572,155						221,141				221,141
0689800	HOUSTON	TX		09/28/2012		80,665,652						779,446				779,446
0690400	POTOMAC	MD		09/14/2012		18,881,310						94,885				94,885
0691200	CHERRY HILL	NJ		08/15/2012		134,376,539						542,439				542,439
0691300	HOUSTON	TX		02/21/2013		70,096,260						573,308				573,308
0691700	LOS ANGELES	CA		08/22/2012		39,496,303						238,286				238,286
0693900	DALLAS	TX		12/21/2012		33,377,483						227,087				227,087
0694300	NEW YORK	NY		03/06/2013		50,311,151						58,505				58,505
0694400	FAIRFAX	VA		02/28/2013		78,594,830						473,030				473,030
0696400	NEW YORK	NY		07/31/2013		82,730,784						459,711				459,711
0696500	NEW YORK	NY		07/31/2013		73,538,475						408,632				408,632
0696900	LOS ANGELES	CA		06/27/2013		121,570,775						622,928				622,928
0697600	NEW YORK	NY		08/01/2013		19,385,198						118,552				118,552
0698800	MCLEAN	VA		08/30/2013		249,119,283						1,559,028				1,559,028
0698900	RICHMOND	TX		11/04/2013		18,869,562						82,972				82,972
0699300	DENVER	CO		10/30/2013		72,829,156						431,968				431,968
0699500	HOUSTON	TX		09/06/2013		111,270,048						677,538				677,538
0699800	BLOOMFIELD	CT		01/13/2014		32,597,432						124,084				124,084
0700300	ANDOVER	MA		12/20/2013		35,233,819						174,038				174,038
0700400	HAPEVILLE	GA		12/06/2013		55,031,644						549,065				549,065
0700700	BROOKLYN	NY		11/14/2013		33,666,775						203,304				203,304
0700800	BROOMFIELD	CO		11/08/2013		112,466,944						1,009,489				1,009,489
0701500	PHILADELPHIA	PA		12/06/2013		46,783,929						226,494				226,494
0702500	WARWICK	RI		01/13/2014		21,731,622						82,723				82,723
0702900	GLENDALE	CA		07/30/2014		41,659,518						154,790				154,790
0703600	NEW YORK	NY		03/12/2014		68,367,296						261,149				261,149
0703700	MCLEAN	VA		04/29/2014		95,695,688						527,381				527,381
0703900	GLENVIEW	IL		07/01/2014		40,077,122						192,759				192,759

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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)					
0704400	PORTLAND	OR		07/07/2014		36,895,564						137,041	137,041			
0704700	STAMFORD	CT		06/19/2014		79,509,110						299,401	299,401			
0704800	HOUSTON	TX		05/30/2014		247,179,078						940,668	940,668			
0706100	BOLTON	GBR		07/10/2014		136,220,642						869,416	869,416			
0706900	BOSTON	MA		08/20/2014		171,328,129						779,246	779,246			
0708400	MANTECA	CA		08/19/2014		4,824,858						22,797	22,797			
0708401	SAN JUAN CAPISTRANO	CA		08/19/2014		1,658,785						9,618	9,618			
0708402	LOS ANGELES	CA		08/19/2014		1,980,586						12,153	12,153			
0708403	LOS ANGELES	CA		08/19/2014		1,323,530						8,351	8,351			
0708404	SAN DIEGO	CA		08/19/2014		888,200						6,829	6,829			
0708405	HEALSBURG	CA		08/19/2014		411,671						12,932	12,932			
0708406	SANGER	CA		10/16/2014		448,441						4,175	4,175			
0708407	VAN NUYS	CA		10/16/2014		4,601,250						21,349	21,349			
0708408	GAINESVILLE	GA		09/29/2015		2,151,312						9,479	9,479			
0708800	AUSTIN	TX		10/14/2014		79,986,714						432,418	432,418			
0711100	BEL AIR	MD		12/05/2014		47,467,984						235,494	235,494			
0713000	ALEXANDRIA	VA		02/17/2015		33,701,922						163,146	163,146			
0713700	NEW YORK	NY		02/05/2015		54,846,930						234,554	234,554			
0714201	CHARLOTTE	NC		07/10/2017		82,531,262						407,025	407,025			
0715100	AUSTIN	TX		06/09/2015		19,971,155						93,450	93,450			
0715200	KEARNY	NJ		10/21/2015		41,527,170						230,204	230,204			
0716400	WALNUT CREEK	CA		08/26/2015		97,779,969						457,392	457,392			
0716600	FRIISCO	TX		08/10/2015		44,798,884						203,048	203,048			
0717800	MANDAN	ND		10/08/2015		1,021,744						7,393	7,393			
0717900	AUSTIN	TX		08/11/2015		29,967,128						134,172	134,172			
0718200	ORLANDO	FL		09/16/2015		42,603,273						197,652	197,652			
0718400	ATLANTA	GA		09/16/2015		47,467,144						245,204	245,204			
0719600	BOSTON	MA		11/17/2015		324,200,000						1,443,826	1,443,826			
0719700	CAMBRIDGE	GBR		12/11/2015		65,462,727						565,037	565,037			
0720000	PORTLAND	OR		10/29/2015		183,052,297						848,250	848,250			
0721800	FRIISCO	TX		03/11/2016		38,874,791						181,325	181,325			
0722400	KANSAS CITY	MO		03/28/2016		316,169,031						1,462,113	1,462,113			
0722500	ALPHARETTA	GA		05/20/2016		49,223,563						231,400	231,400			
0802500	FALLS CHURCH	VA		11/10/2016		89,865,638						405,643	405,643			
0803100	AUSTIN	TX		09/07/2016		33,645,467						187,063	187,063			
0803200	POTTSTOWN	PA		11/02/2016		58,286,196						286,923	286,923			
0833600	HARRISBURG	PA		12/29/2016		48,567,068						218,662	218,662			
0833800	ATLANTA	GA		12/20/2016		44,148,459						213,888	213,888			
0838500	FREDERICK	MD		05/11/2017		117,916,168						549,572	549,572			
0850500	CHARLOTTE	NC		12/22/2017		44,000,000						131,584	131,584			
0853300	NOVI	MI		03/14/2018		97,437,055						390,039	390,039			
0856300	HACKENSACK	NJ		05/22/2018		41,852,640						197,998	197,998			
0863400	KIRKLAND	WA		08/01/2018		48,846,265						223,493	223,493			
0890300	ONTARIO	CA		09/30/2019		119,000,000						4,885,149	4,885,149			
A881619	NORMAN	OK		04/18/1997		58,005						1,887	1,887			
EB1027549259	CHARLOTTE	NC		12/16/2016		481,567						2,592	2,592			
EB1028548196	VENTURA	CA		12/16/2016		593,123						3,250	3,250			
EB1028600849	SIMU VALLEY	CA		10/07/2016		518,280						3,939	3,939			
EB1028601459	MOORPARK	CA		12/16/2016		601,071						3,252	3,252			
EB1104004375	DALLAS	TX		12/18/2015		507,338						5,480	5,480			
EB1104004417	FORT WORTH	TX		12/18/2015		398,142						2,310	2,310			
EB1143010341	MILLSTONE TOWNSHIP	NJ		08/07/2015		612,920						3,760	3,760			
EB1143010864	WARREN	NJ		07/17/2015		582,610						3,433	3,433			
EB1143010869	ROSELAND	NJ		08/07/2015		435,131						2,609	2,609			
EB1143012022	OLD TAPPAN	NJ		12/18/2015		431,204						2,377	2,377			
EB1143013484	WYCKOFF	NJ		12/16/2016		602,093						3,596	3,596			
EB1143014124	ALEXANDRIA	VA		08/19/2016		406,751						2,256	2,256			
EB1143015254	CHATHAM	NJ		12/16/2016		675,836						4,006	4,006			
EB1143015364	GREENWICH	CT		12/16/2016		643,513						3,543	3,543			
EB1144000074	NEW YORK	NY		10/09/2015		703,853						4,253	4,253			

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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)					
EB114400089	NEW YORK	NY		08/07/2015		992,431						5,918	5,918			
EB114400105	NEW YORK	NY		08/07/2015		724,494						4,345	4,345			
EB114400106	NEW YORK	NY		06/24/2016		283,147						28,839	28,839			
EB114400136	BROOKLYN	NY		11/20/2015		385,988						2,239	2,239			
EB114400174	ARDSLEY	NY		12/18/2015		507,051						2,829	2,829			
EB114400183	NEW YORK	NY		12/18/2015		491,357						2,749	2,749			
EB114400252	WOODLAND HILLS	CA		06/24/2016		581,841						3,402	3,402			
EB114400257	NEW YORK	NY		12/18/2015		760,837						4,418	4,418			
EB114400275	WASHINGTON	DC		12/18/2015		650,130						3,590	3,590			
EB114400327	MIDDLE VILLAGE	NY		06/24/2016		449,629						2,569	2,569			
EB114400357	NEW YORK	NY		06/24/2016		494,792						2,813	2,813			
EB114400396	HAMPTON BAYS	NY		06/24/2016		394,071						2,119	2,119			
EB114400435	NEW YORK	NY		06/24/2016		484,191						2,674	2,674			
EB1170011354	MARINA DEL REY	CA		08/07/2015		585,612						6,186	6,186			
EB1170012747	SEATTLE	WA		06/24/2016		456,623						2,615	2,615			
EB1170015086	VANCOUVER	WA		12/16/2016		330,072						7,493	7,493			
EB1171010092	SEATTLE	WA		10/09/2015		602,095						3,638	3,638			
EB1171010255	CARMEL VALLEY	CA		11/20/2015		414,282						2,739	2,739			
EB1171010551	BELLEVUE	WA		10/09/2015		556,360						3,265	3,265			
EB1171010808	SEATTLE	WA		07/17/2015		536,991						4,488	4,488			
EB1171010825	SNOQUALMIE	WA		07/17/2015		442,317						2,747	2,747			
EB1171010935	ISSAQUAH	WA		10/09/2015		468,408						2,843	2,843			
EB1171010943	SEATTLE	WA		07/17/2015		780,394						4,675	4,675			
EB1171011107	SNOQUALMIE	WA		10/09/2015		410,235						2,299	2,299			
EB1171011283	BELLEVUE	WA		12/18/2015		376,850						2,249	2,249			
EB1171011491	BOTHELL	WA		12/18/2015		403,354						2,423	2,423			
EB1171012158	BOTHELL	WA		12/18/2015		402,925						2,339	2,339			
EB1171012415	BOTHELL	WA		12/18/2015		333,798						5,773	5,773			
EB1171012482	BELLEVUE	WA		12/18/2015		523,189						2,940	2,940			
EB1171012494	SNOQUALMIE	WA		12/18/2015		417,852						2,656	2,656			
EB1171012511	SNOHOMISH	WA		12/18/2015		587,303						2,148	2,148			
EB1171013196	SEATTLE	WA		06/24/2016		617,126						3,426	3,426			
EB1171013474	SEATTLE	WA		03/24/2016		566,980						2,912	2,912			
EB1171014557	BELLEVUE	WA		08/19/2016		444,208						2,785	2,785			
EB1171014892	BELLEVUE	WA		10/12/2016		892,438						5,516	5,516			
EB1171015259	CLYDE HILL	WA		12/16/2016		1,117,653						5,717	5,717			
EB1171015379	GREENBANK	WA		12/16/2016		578,203						3,011	3,011			
EB1171015609	KIRKLAND	WA		12/16/2016		946,487						1,848	1,848			
EB1171015700	BOTHELL	WA		12/16/2016		511,642						3,042	3,042			
EB1171015727	KIRKLAND	WA		12/16/2016		403,618						5,991	5,991			
EB1215001434	ISLAMORADA	FL		12/18/2015		551,099						3,269	3,269			
EB1215002936	PALM BEACH GARDENS	FL		11/20/2015		472,868						3,036	3,036			
EB1215003036	FT LAUDERDALE	FL		12/18/2015		440,814						3,216	3,216			
EB1215003152	MIAMI BEACH	FL		03/24/2016		571,335						3,223	3,223			
EB1216002172	MIAMI	FL		07/30/2015		614,093						3,629	3,629			
EB1216002421	CORAL GABLES	FL		09/25/2015		248,431						5,769	5,769			
EB1216002512	MIAMI	FL		07/17/2015		530,244						3,102	3,102			
EB1216002726	CORAL GABLES	FL		12/18/2015		763,251						4,460	4,460			
EB1216002733	TAVERNIER	FL		12/18/2015		868,965						4,261	4,261			
EB1216002934	CORAL GABLES	FL		06/24/2016		387,705						2,204	2,204			
EB1216002977	SOUTH MIAMI	FL		06/24/2016		775,421						4,409	4,409			
EB1216003194	NORTH MIAMI BEACH	FL		08/19/2016		752,423						4,075	4,075			
EB1216003216	SOUTH MIAMI	FL		08/19/2016		529,522						2,792	2,792			
EB1216003287	SOUTH MIAMI	FL		08/17/2016		504,531						4,396	4,396			
EB1216003368	CORAL GABLES	FL		08/19/2016		435,246						2,461	2,461			
EB1216003433	CORAL GABLES	FL		12/16/2016		616,170						3,491	3,491			
EB1216003655	COCONUT GROVE	FL		12/16/2016		430,845						2,322	2,322			
EB1216003663	HILTON HEAD	SC		12/16/2016		448,501						2,605	2,605			
EB1216003667	MIAMI	FL		12/16/2016		1,012,529						5,852	5,852			
EB1221058473	PONTE VEDRA	FL		12/18/2015		385,919						2,238	2,238			

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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)					
EB1221058703	JACKSONVILLE	FL		12/18/2015		468,114						2,495	2,495			
EB1221060185	TAMPA	FL		09/18/2015		581,236						3,379	3,379			
EB1221060742	PONTE VEDRA BEACH	FL		09/18/2015		773,598						4,430	4,430			
EB1221062495	JACKSONVILLE BEACH	FL		11/20/2015		458,050						2,594	2,594			
EB1221062515	SAINT JOHNS	FL		12/18/2015		478,165						2,780	2,780			
EB1221062749	PONTE VEDRA BEACH	FL		09/25/2015		601,864						3,462	3,462			
EB1221062977	PONTE VEDRA	FL		06/24/2016		479,338						3,463	3,463			
EB1221063073	JACKSONVILLE	FL		09/25/2015		1,132,464						6,744	6,744			
EB1221063111	PONTE VEDRA	FL		08/19/2016		464,770						3,099	3,099			
EB1221063483	PONTE VEDRA BEACH	FL		08/07/2015		605,627						3,702	3,702			
EB1221063494	SANTA ANA	CA		07/17/2015		752,117						4,284	4,284			
EB1221064120	SAINT AUGUSTINE	FL		08/07/2015		390,136						2,979	2,979			
EB1221064384	PONTE VEDRA BEACH	FL		11/20/2015		581,357						3,293	3,293			
EB1221064451	PONTE VEDRA BEACH	FL		11/20/2015		417,259						4,454	4,454			
EB1221064452	PONTE VEDRA BEACH	FL		11/20/2015		294,570						1,685	1,685			
EB1221064560	SAINT AUGUSTINE	FL		12/18/2015		624,345						3,559	3,559			
EB1221064647	ATLANTIC BEACH	FL		12/18/2015		708,792						4,002	4,002			
EB1221064680	JACKSONVILLE	FL		11/20/2015		967,567						5,817	5,817			
EB1221064842	FERNANDINA BEACH	FL		12/18/2015		446,212						1,577	1,577			
EB1221064860	SAINT AUGUSTINE	FL		12/18/2015		703,943						3,913	3,913			
EB1221065084	FERNANDINA BEACH	FL		11/20/2015		411,874						1,568	1,568			
EB1221065212	JACKSONVILLE	FL		12/18/2015		458,979						2,601	2,601			
EB1221065631	JACKSONVILLE	FL		12/18/2015		398,384						2,307	2,307			
EB1221065736	JACKSONVILLE	FL		06/24/2016		350,627						3,196	3,196			
EB1221065773	TOWN OF NOCATEE	FL		10/07/2016		390,947						2,794	2,794			
EB1221065805	ST JOHNS	FL		06/24/2016		430,714						2,679	2,679			
EB1221065863	PONTE VEDRA BEACH	FL		06/24/2016		486,256						3,032	3,032			
EB1221066003	JACKSONVILLE	FL		06/24/2016		331,370						1,841	1,841			
EB1221066087	PONTE VEDRA BEACH	FL		06/24/2016		480,763						2,561	2,561			
EB1221066207	JACKSONVILLE	FL		06/24/2016		568,642						3,286	3,286			
EB1221066755	PONTE VEDRA BEACH	FL		08/19/2016		592,650						3,400	3,400			
EB1221066796	PONTE VEDRA BEACH	FL		06/24/2016		416,597						4,674	4,674			
EB1221066985	JACKSONVILLE	FL		06/24/2016		561,750						3,109	3,109			
EB1221067634	JACKSONVILLE	FL		08/19/2016		406,346						8,797	8,797			
EB1221067810	PONTE VEDRA BEACH	FL		08/19/2016		499,503						3,259	3,259			
EB1221068366	PONTE VEDRA BEA	FL		10/07/2016		426,199						2,282	2,282			
EB1221069102	FERNANDINA BEACH	FL		12/16/2016		314,157						13,339	13,339			
EB1221070134	ATLANTIC BEACH	FL		12/16/2016		482,768						2,716	2,716			
EB1222513948	SANTA ROSA	CA		07/30/2015		398,905						2,391	2,391			
EB1222515740	SPARKS	MD		12/18/2015		446,306						2,601	2,601			
EB1222516505	SAN GABRIEL	CA		12/18/2015		682,557						3,967	3,967			
EB1222529693	BONITA SPRINGS	FL		07/17/2015		419,780						3,622	3,622			
EB1222530047	BOCA RATON	FL		08/07/2015		857,122						5,060	5,060			
EB1222530332	CEDAR HILL	TX		07/17/2015		775,497						4,440	4,440			
EB1222530507	MANHATTAN BEACH	CA		08/07/2015		1,054,887						6,177	6,177			
EB1222530963	SAN FRANCISCO	CA		07/17/2015		609,230						3,465	3,465			
EB1222530971	KNOXVILLE	TN		12/18/2015		773,689						4,326	4,326			
EB1222531331	ALLEN	TX		08/07/2015		613,404						2,356	2,356			
EB1222531773	WESTPORT	CT		08/07/2015		561,766						3,526	3,526			
EB1222531963	SUNNY ISLES BEACH	FL		11/20/2015		968,628						5,509	5,509			
EB1222532436	GREENWOOD VILLAGE	CO		08/07/2015		593,072						3,419	3,419			
EB1222532516	HIGHLANDS	NC		08/07/2015		453,556						2,666	2,666			
EB1222532592	CHATHAM	MA		12/18/2015		556,212						3,088	3,088			
EB1222532600	REDWOOD CITY	CA		08/07/2015		789,560						6,769	6,769			
EB1222532623	LA QUIJATA	CA		06/24/2016		444,067						2,528	2,528			
EB1222532760	KANEHOE	HI		08/07/2015		618,904						5,582	5,582			
EB1222532870	MILTON	DE		12/18/2015		503,796						3,838	3,838			
EB1222534409	MORRISTOWN	NJ		12/18/2015		558,273						4,096	4,096			
EB1222534755	SAN JOSE	CA		03/24/2016		665,278						3,555	3,555			
EB1222534882	ENGLEWOOD	CO		12/18/2015		841,963						4,641	4,641			

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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)					
EB1222535315	NORTHFIELD	IL		12/18/2015		516,448						5,560	5,560			
EB1222535686	TENAFLY	NJ		12/18/2015		505,755						6,598	6,598			
EB1222535815	FOSTER CITY	CA		10/12/2016		509,928						2,788	2,788			
EB1222535958	NEW ORLEANS	LA		12/18/2015		435,175						3,155	3,155			
EB1222536927	CHILMARK	MA		12/18/2015		416,695						3,163	3,163			
EB1222538558	SAINT CHARLES	IL		06/24/2016		522,553						2,900	2,900			
EB1222539405	BELLEVUE	WA		03/24/2016		675,315						3,639	3,639			
EB1222540366	ALBANY	CA		10/12/2016		539,487						2,895	2,895			
EB1222541085	SCOTTSDALE	AZ		08/19/2016		559,844						3,105	3,105			
EB1222541566	SEATTLE	WA		08/19/2016		586,167						3,233	3,233			
EB1222543094	RICHMOND	TX		10/12/2016		431,879						2,456	2,456			
EB1222544392	ROCKVILLE	MD		08/19/2016		618,716						3,431	3,431			
EB1222545020	SAN DIEGO	CA		08/17/2016		578,554						3,250	3,250			
EB1222545282	FORT COLLINS	CO		08/17/2016		432,307						2,420	2,420			
EB1222546150	CARLSBAD	CA		08/17/2016		614,118						3,450	3,450			
EB1222546556	GLENDALE	CA		10/12/2016		806,746						5,122	5,122			
EB1222549417	NASHVILLE	TN		12/16/2016		418,224						3,933	3,933			
EB1222550563	LOS ANGELES	CA		12/16/2016		730,337						4,070	4,070			
EB1222601666	ENGLEWOOD	CO		12/16/2016		850,777						4,662	4,662			
EB1223005888	MELBOURNE BEACH	FL		09/18/2015		680,718						5,969	5,969			
EB1223010400	COCOA	FL		12/18/2015		444,228						2,466	2,466			
EB1223010541	MELBOURNE	FL		06/24/2016		188,994						12,295	12,295			
EB1223010648	MALABAR	FL		11/20/2015		451,132						2,591	2,591			
EB1223010671	COCOA BEACH	FL		12/18/2015		358,548						5,464	5,464			
EB1223011816	MELBOURNE	FL		06/24/2016		539,500						3,007	3,007			
EB1223011951	MALABAR	FL		08/19/2016		658,505						3,644	3,644			
EB1223012170	OAK HILL	VA		12/16/2016		897,949						5,244	5,244			
EB1223012229	INDIAN LANTIC	FL		10/12/2016		475,210						2,635	2,635			
EB1223012725	SATELLITE BEACH	FL		12/16/2016		595,551						3,563	3,563			
EB1223013138	ORLANDO	FL		12/16/2016		444,991						2,584	2,584			
EB1224001529	WINDERMERE	FL		08/17/2016		1,019,373						5,865	5,865			
EB1247002613	BOCA RATON	FL		10/09/2015		404,962						2,321	2,321			
EB1247002648	DAVIE	FL		07/17/2015		385,545						3,043	3,043			
EB1247002667	DELRAY BEACH	FL		07/17/2015		403,145						2,808	2,808			
EB1247002743	JUPITER	FL		12/18/2015		1,243,983						10,432	10,432			
EB1247002767	BOCA RATON	FL		11/20/2015		901,939						7,327	7,327			
EB1247002781	PARKLAND	FL		07/17/2015		616,099						3,545	3,545			
EB1247002803	BOCA RATON	FL		07/17/2015		481,484						3,994	3,994			
EB1247002862	BOCA RATON	FL		12/18/2015		173,644						13,528	13,528			
EB1247003086	DAVIE	FL		12/18/2015		412,077						2,211	2,211			
EB1248001432	TAMPA	FL		08/07/2015		392,415						2,314	2,314			
EB1248002419	TAMPA	FL		12/16/2016		418,228						4,467	4,467			
EB1249002270	NAPLES	FL		11/20/2015		554,382						3,156	3,156			
EB1249002396	NAPLES	FL		06/24/2016		496,394						2,779	2,779			
EB1249002576	NAPLES	FL		12/18/2015		475,648						3,641	3,641			
EB1249002805	VENICE	FL		08/19/2016		407,774						2,691	2,691			
EB1249003192	LAFAYETTE	CA		12/16/2016		1,101,658						56,695	56,695			
EB1249003388	NAPLES	FL		12/16/2016		907,256						5,039	5,039			
EB1249003492	SHELTER ISLAND	NY		12/16/2016		772,707						4,250	4,250			
EB1249003962	NAPLES	FL		12/16/2016		426,662						2,412	2,412			
EB1249003968	PUNTA GORDA	FL		12/16/2016		711,321						7,067	7,067			
EB1259000771	AVON	CO		07/30/2015		372,484						2,639	2,639			
EB1259000940	TELLURIDE	CO		10/09/2015		904,734						5,232	5,232			
EB1259001254	VALE	CO		09/25/2015		1,161,126						6,713	6,713			
EB1259001331	AVON	CO		07/17/2015		485,495						2,773	2,773			
EB1259001343	EDWARDS	CO		07/17/2015		849,477						4,994	4,994			
EB1259001363	ASPEN	CO		08/07/2015		923,430						5,387	5,387			
EB1259001421	EDWARDS	CO		08/07/2015		646,171						3,875	3,875			
EB1259001468	EDWARDS	CO		08/07/2015		462,998						2,893	2,893			
EB1259001548	EAGLE	CO		12/18/2015		400,616						2,263	2,263			

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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)					
EB1259001805	STEAMBOAT SPRINGS	CO.		12/18/2015		545,140						3,064	3,064			
EB1259001827	PARK CITY	UT.		12/18/2015		495,023						2,852	2,852			
EB1259001927	CASTLE ROCK	CO.		12/18/2015		575,122						3,176	3,176			
EB1259002143	MINTURN	CO.		06/24/2016		1,142,476						6,396	6,396			
EB1259002243	ASPEN	CO.		08/19/2016		1,830,670						9,964	9,964			
EB1259002337	PARK CITY	UT.		08/19/2016		414,976						2,301	2,301			
EB1259002374	WASHINGTON	DC.		08/19/2016		467,308						2,592	2,592			
EB1259002723	NAPERVILLE	IL.		12/16/2016		427,463						2,511	2,511			
EB1259002799	MOUNTAIN VILLAGE	CO.		12/16/2016		700,176						3,850	3,850			
EB1259002866	ROCKVILLE	MD.		12/16/2016		607,912						2,596	2,596			
EB1259002907	EAGLE	CO.		12/16/2016		550,169						3,110	3,110			
EB1259002939	AVON	CO.		12/16/2016		648,922						4,605	4,605			
EB1341001587	PARKLAND	FL.		12/18/2015		405,030						2,455	2,455			
EB1341001635	PARKLAND	FL.		12/18/2015		642,764						3,703	3,703			
EB1341001770	PARKLAND	FL.		12/18/2015		497,707						988	988			
EB1341001773	DAVIE	FL.		12/18/2015		551,162						3,138	3,138			
EB1341001869	DELRAY BEACH	FL.		12/16/2016		693,686						3,906	3,906			
EB1341001906	HUNTINGTON BEACH	CA.		03/24/2016		488,631						2,670	2,670			
EB1341001961	BOCA RATON	FL.		06/24/2016		916,261						5,471	5,471			
EB1349001031	MIAMI	FL.		12/18/2015		408,653						2,257	2,257			
EB1351002030	NEW YORK	NY.		07/30/2015		671,668						4,005	4,005			
EB1351002305	EAST MEADOW	NY.		07/30/2015		377,698						1,550	1,550			
EB1351002469	ROSLYN	NY.		09/18/2015		696,410						3,925	3,925			
EB1351002957	BROOKLYN	NY.		10/09/2015		523,646						3,985	3,985			
EB1351003190	BROOKLYN	NY.		08/07/2015		849,884						4,860	4,860			
EB1351003265	NEW YORK	NY.		10/09/2015		613,589						5,958	5,958			
EB1351003327	BROOKLYN	NY.		08/07/2015		1,069,994						5,971	5,971			
EB1351003524	NEW YORK	NY.		11/20/2015		773,131						4,518	4,518			
EB1351003600	BROOKLYN HEIGHTS	NY.		11/20/2015		557,346						3,597	3,597			
EB1351003611	NEW YORK	NY.		07/17/2015		472,179						2,781	2,781			
EB1351003676	NEW YORK	NY.		11/20/2015		394,947						2,319	2,319			
EB1351003762	SOUTH ORANGE	NJ.		10/09/2015		535,650						3,237	3,237			
EB1351003774	NEW YORK	NY.		11/20/2015		533,117						4,374	4,374			
EB1351003811	MANHASSET	NY.		08/07/2015		1,111,941						6,477	6,477			
EB1351003819	LONG ISLAND CITY	NY.		10/09/2015		349,912						15,665	15,665			
EB1351003847	NEW YORK	NY.		11/20/2015		1,400,893						8,184	8,184			
EB1351003899	NEW YORK	NY.		12/18/2015		1,299,095						7,171	7,171			
EB1351003905	NEW YORK	NY.		08/07/2015		518,980						2,953	2,953			
EB1351003915	NEW YORK	NY.		12/18/2015		1,014,110						5,843	5,843			
EB1351003930	NEW YORK	NY.		11/20/2015		2,458,421						21,759	21,759			
EB1351004009	MONROE TOWNSHIP	NJ.		11/20/2015		509,208						2,855	2,855			
EB1351004102	NEW YORK	NY.		10/12/2016		674,167						3,648	3,648			
EB1351004168	TRURO	MA.		12/18/2015		436,363						2,394	2,394			
EB1351004235	HOWARD BEACH	NY.		12/18/2015		397,300						2,233	2,233			
EB1351004344	NEW YORK	NY.		11/20/2015		882,119						5,091	5,091			
EB1351004353	NEW YORK	NY.		12/18/2015		1,172,438						6,512	6,512			
EB1351004418	GARDEN CITY	NY.		12/18/2015		732,464						4,234	4,234			
EB1351004460	NEW YORK	NY.		12/18/2015		414,861						2,332	2,332			
EB1351004649	BROOKLYN	NY.		06/24/2016		696,121						4,642	4,642			
EB1351004683	BELLMORE	NY.		06/24/2016		595,490						22,472	22,472			
EB1351004817	STATEN ISLAND	NY.		08/19/2016		783,424						4,173	4,173			
EB1351005094	NEW YORK	NY.		06/24/2016		937,258						5,276	5,276			
EB1351005144	NEW YORK	NY.		08/19/2016		1,757,105						9,745	9,745			
EB1351005342	NEW YORK	NY.		08/19/2016		609,209						3,924	3,924			
EB1351005791	ARLINGTON	VA.		12/16/2016		620,023						3,440	3,440			
EB1351005922	PLAINVIEW	NY.		12/16/2016		424,658						3,353	3,353			
EB1352003839	REMSENBURG	NY.		07/17/2015		902,103						5,155	5,155			
EB1352003843	HAMPTON BAYS	NY.		07/17/2015		1,785,572						10,257	10,257			
EB1352003934	SETAUKET	NY.		11/20/2015		462,864						2,622	2,622			
EB1352004188	QUILOGUE	NY.		12/18/2015		900,855						5,063	5,063			

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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)					
EB1352004264	STONY BROOK	NY		12/18/2015		747,519						5,682	5,682			
EB1352004267	LARCHMONT	NY		12/18/2015		945,434						7,244	7,244			
EB1352004379	DOUGLSTON	NY		06/24/2016		932,861						5,126	5,126			
EB1352004398	HOBOKEN	NJ		06/24/2016		484,105						9,390	9,390			
EB1352004646	LLOYD HARBOR	NY		08/19/2016		631,222						3,587	3,587			
EB1353003184	MOUNT ARLINGTON	NJ		12/18/2015		808,328						1,590	1,590			
EB1353003379	BRIDGEWATER	NJ		12/18/2015		393,768						2,283	2,283			
EB1353003620	MIDDLETOWN	NJ		07/30/2015		540,445						3,216	3,216			
EB1353004479	SOUTH ORANGE	NJ		07/17/2015		636,330						3,662	3,662			
EB1353004490	BOONTON TOWNSHIP	NJ		10/09/2015		615,112						5,580	5,580			
EB1353004669	RARITAN	NJ		08/19/2016		97,948						20,713	20,713			
EB1353004672	MAHWAH	NJ		09/25/2015		454,335						2,571	2,571			
EB1353004683	MENDHAM	NJ		08/07/2015		542,741						5,062	5,062			
EB1353004874	RANDOLPH	NJ		08/07/2015		522,295						3,060	3,060			
EB1353004988	BOONTON TOWNSHIP	NJ		08/07/2015		390,465						18,797	18,797			
EB1353005038	AUSTIN	TX		08/07/2015		547,452						3,156	3,156			
EB1353005061	SUMMIT	NJ		07/17/2015		1,010,672						6,027	6,027			
EB1353005122	DENVILLE	NJ		12/18/2015		602,562						3,345	3,345			
EB1353005185	LIVINGSTON	NJ		12/18/2015		398,332						2,984	2,984			
EB1353005217	MORRISTOWN	NJ		12/18/2015		415,747						3,548	3,548			
EB1353005230	ALBERTSON	NY		11/20/2015		336,726						2,660	2,660			
EB1353005260	CEDAR KNOLLS	NJ		12/18/2015		580,473						3,206	3,206			
EB1353005303	CRANFORD	NJ		12/18/2015		802,103						4,676	4,676			
EB1353006638	MADISON	NJ		12/16/2016		412,672						2,327	2,327			
EB1353006687	TOWACO	NJ		12/16/2016		660,219						3,941	3,941			
EB1354007606	ARDSLEY	NY		07/30/2015		410,272						2,438	2,438			
EB1354012258	RIVERSIDE	CT		11/20/2015		580,915						3,240	3,240			
EB1354014367	MOUNT KISCO	NY		08/19/2016		880,166						6,486	6,486			
EB1357000557	BROOKLINE	MA		07/17/2015		690,870						4,043	4,043			
EB1357000692	NEWTON	MA		11/20/2015		786,869						4,457	4,457			
EB1357000849	MARSHFIELD	MA		12/18/2015		401,061						4,355	4,355			
EB1357000907	BEDFORD	MA		12/18/2015		477,370						2,820	2,820			
EB1357000940	NEWTON	MA		10/12/2016		536,645						3,055	3,055			
EB1357000968	LEXINGTON	MA		06/24/2016		1,526,085						8,549	8,549			
EB1357000970	UPTON	MA		06/24/2016		403,908						2,404	2,404			
EB1357000975	SOUTHBOROUGH	MA		08/19/2016		901,979						5,268	5,268			
EB1357001084	BROOKLINE	MA		08/19/2016		686,918						3,903	3,903			
EB1357001173	BROOKLINE	MA		12/16/2016		597,607						3,554	3,554			
EB1358013411	CARLSBAD	CA		03/24/2016		489,051						8,954	8,954			
EB1365004217	LUCAS	TX		09/18/2015		691,573						4,025	4,025			
EB1367010379	SAN DIEGO	CA		11/20/2015		939,020						5,608	5,608			
EB1367010707	MANHATTAN BEACH	CA		10/09/2015		1,217,845						7,359	7,359			
EB1367010906	SAN DIEGO	CA		08/07/2015		430,855						2,637	2,637			
EB1367011253	VALLEY CENTER	CA		08/07/2015		424,275						2,678	2,678			
EB1367011389	CARLSBAD	CA		08/07/2015		641,966						3,707	3,707			
EB1367011403	SAN DIEGO	CA		03/24/2016		490,267						2,770	2,770			
EB1367011870	CARLSBAD	CA		03/24/2016		837,502						4,633	4,633			
EB1367012826	SAN DIEGO	CA		03/24/2016		550,260						3,118	3,118			
EB1367013146	CARLSBAD	CA		03/24/2016		485,600						2,745	2,745			
EB1367013902	SCOTTSDALE	AZ		08/19/2016		538,819						2,858	2,858			
EB1367014011	NEWPORT BEACH	CA		10/12/2016		1,215,724						13,948	13,948			
EB1367014476	SAN DIEGO	CA		08/17/2016		708,668						5,629	5,629			
EB1367014488	SAN DIEGO	CA		08/17/2016		690,739						3,986	3,986			
EB1367014513	VISTA	CA		10/12/2016		549,182						3,220	3,220			
EB1367014620	CARLSBAD	CA		08/17/2016		719,621						4,160	4,160			
EB1367014748	CARLSBAD	CA		08/17/2016		625,352						3,513	3,513			
EB1367015025	SAN DIEGO	CA		08/17/2016		842,540						4,733	4,733			
EB1367015224	SAN DIEGO	CA		12/16/2016		498,916						2,677	2,677			
EB1367015277	SAN DIEGO	CA		12/16/2016		584,372						3,220	3,220			
EB1367015285	SAN DIEGO	CA		12/16/2016		727,491						4,006	4,006			

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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)					
EB1367015328	CARLSBAD	CA		12/16/2016		456,454						9,644	9,644			
EB1369002397	SARASOTA	FL		07/17/2015		453,345						2,721	2,721			
EB1369002500	SARASOTA	FL		08/07/2015		458,405						3,501	3,501			
EB1369002572	SARASOTA	FL		12/18/2015		489,354						2,648	2,648			
EB1369002632	USEPPA ISLAND	FL		12/18/2015		543,616						3,578	3,578			
EB1369002856	LAKEWOOD RANCH	FL		06/24/2016		506,429						6,969	6,969			
EB1369003121	SARASOTA	FL		08/19/2016		449,178						2,616	2,616			
EB1369003362	SAN FRANCISCO	CA		10/07/2016		791,807						4,339	4,339			
EB1369003522	SARASOTA	FL		12/16/2016		488,987						2,636	2,636			
EB1369003702	LAKEWOOD RANCH	FL		12/16/2016		813,716						4,911	4,911			
EB1371004891	CHATHAM	NJ		11/20/2015		493,722						3,888	3,888			
EB1371005172	FAIRFAX	VA		08/07/2015		414,332						2,458	2,458			
EB1371005455	SEATTLE	WA		11/20/2015		105,412						81,618	81,618			
EB1371005596	ASHBURN	VA		11/20/2015		467,451						2,634	2,634			
EB1373010395	CHEVY CHASE	MD		08/07/2015		525,333						3,004	3,004			
EB1373010876	NORWALK	CT		12/18/2015		679,396						3,899	3,899			
EB1373011773	BRONX	NY		11/20/2015		696,833						5,219	5,219			
EB1380002070	SKILLMAN	NJ		07/30/2015		454,532						2,715	2,715			
EB1380002340	MOUNTAIN LAKES	NJ		12/18/2015		608,298						3,438	3,438			
EB1380003155	LAVALLETTE	NJ		12/16/2016		723,154						4,049	4,049			
EB1381009632	LINWOOD	NJ		08/07/2015		430,832						2,508	2,508			
EB1381010081	LOWER GWYNEDD	PA		12/18/2015		446,776						2,574	2,574			
EB1381010210	PHILADELPHIA	PA		12/18/2015		597,629						3,513	3,513			
EB1381010223	MOORESTOWN	NJ		06/24/2016		609,650						5,127	5,127			
EB1381010364	MARGATE CITY	NJ		06/24/2016		1,371,105						7,611	7,611			
EB1382002217	SAN DIEGO	CA		12/18/2015		637,186						3,716	3,716			
EB1382002284	MURRIETA	CA		07/30/2015		563,653						3,391	3,391			
EB1382002319	SAN MARCOS	CA		07/30/2015		429,021						2,549	2,549			
EB1382002656	CARDIFF BY THE SEA	CA		09/25/2015		922,060						5,208	5,208			
EB1382002734	ANAHEIM	CA		11/20/2015		422,746						2,452	2,452			
EB1382002751	DEL MAR	CA		07/17/2015		342,870						3,547	3,547			
EB1382002755	SAN DIEGO	CA		07/17/2015		686,465						7,442	7,442			
EB1382002787	RANCHO SANTA FE	CA		07/17/2015		876,152						4,981	4,981			
EB1382002872	SAN DIEGO	CA		03/24/2016		590,340						3,425	3,425			
EB1382002930	SAN DIEGO	CA		06/24/2016		581,755						3,135	3,135			
EB1382003034	BIG BEAR LAKE	CA		06/24/2016		463,799						4,936	4,936			
EB1382003035	WALNUT CREEK	CA		03/24/2016		586,057						3,064	3,064			
EB1382003063	BOULDER	CO		06/24/2016		492,774						2,747	2,747			
EB1382003174	FRESNO	CA		12/16/2016		804,330						4,351	4,351			
EB1382003273	PHOENIX	AZ		12/16/2016		509,934						2,951	2,951			
EB1382003292	AUSTIN	TX		12/16/2016		508,362						2,859	2,859			
EB1382003306	RANCHO PALOS VERDES	CA		12/16/2016		807,476						4,565	4,565			
EB1382003322	REDONDO BEACH	CA		12/16/2016		490,668						2,854	2,854			
EB1386000417	OAK HILL	VA		11/20/2015		509,735						2,872	2,872			
EB1386000486	ARLINGTON	VA		12/18/2015		428,836						2,422	2,422			
EB1386000602	COLUMBIA	MD		06/24/2016		454,902						2,650	2,650			
EB1387006392	ROSLYN	NY		09/18/2015		898,769						5,230	5,230			
EB1389003067	RICHBORO	PA		12/18/2015		391,045						3,190	3,190			
EB1389003979	PHILADELPHIA	PA		12/18/2015		408,386						4,342	4,342			
EB1389004187	HOLLAND	PA		12/18/2015		419,034						3,192	3,192			
EB1389004258	COLLEGEVILLE	PA		06/24/2016		416,926						2,820	2,820			
EB1389004582	PHILADELPHIA	PA		08/19/2016		424,730						2,392	2,392			
EB1393005777	NEWTOWN	CT		09/18/2015		464,157						4,014	4,014			
EB1393006607	STAMFORD	CT		12/18/2015		379,892						2,227	2,227			
EB1393008629	NEW CITY	NY		12/18/2015		1,003,057						5,539	5,539			
EB1393008686	BRIDGEWATER	CT		12/18/2015		421,329						2,368	2,368			
EB1393008998	BROOKLYN	NY		06/24/2016		644,915						3,630	3,630			
EB1393009198	MOUNT LAUREL	NJ		08/19/2016		455,707						2,577	2,577			
EB1393009862	IRVINGTON	NY		12/16/2016		896,964						5,192	5,192			
EB1395005332	WALPOLE	MA		12/18/2015		388,421						2,285	2,285			

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EB140000584	GILBERT	AZ		09/18/2015		704,502						4,100	4,100			
EB1400001316	SCOTTSDALE	AZ		12/18/2015		530,379						3,093	3,093			
EB1400001351	PEORIA	AZ		09/18/2015		683,629						3,978	3,978			
EB1400001470	SCOTTSDALE	AZ		07/30/2015		721,017						2,836	2,836			
EB1400002166	PHOENIX	AZ		09/25/2015		779,265						4,387	4,387			
EB1400002540	PHOENIX	AZ		10/09/2015		620,310						3,659	3,659			
EB1400002575	SCOTTSDALE	AZ		09/25/2015		317,829						8,059	8,059			
EB1400002680	SCOTTSDALE	AZ		08/07/2015		847,928						47,948	47,948			
EB1400002685	FLAGSTAFF	AZ		08/07/2015		680,505						3,789	3,789			
EB1400002808	SCOTTSDALE	AZ		12/18/2015		533,036						2,959	2,959			
EB1400002973	PARADISE VALLEY	AZ		12/18/2015		886,285						5,143	5,143			
EB1400002998	SCOTTSDALE	AZ		08/19/2016		938,608						5,000	5,000			
EB1400003015	PHOENIX	AZ		12/18/2015		832,247						4,745	4,745			
EB1400003141	FLAGSTAFF	AZ		12/18/2015		434,174						3,792	3,792			
EB1400003231	PHOENIX	AZ		06/24/2016		1,139,902						6,121	6,121			
EB1400003354	SCOTTSDALE	AZ		08/19/2016		392,545						2,177	2,177			
EB1400003481	CAVE CREEK	AZ		06/24/2016		464,421						2,600	2,600			
EB1400003619	CAVE CREEK	AZ		08/19/2016		522,934						2,832	2,832			
EB1400003664	SCOTTSDALE	AZ		08/19/2016		477,883						3,234	3,234			
EB1400003749	CAVE CREEK	AZ		08/19/2016		488,257						2,761	2,761			
EB1400003771	SCOTTSDALE	AZ		08/19/2016		542,108						3,080	3,080			
EB1400003819	FLAGSTAFF	AZ		10/12/2016		405,781						2,324	2,324			
EB1400003822	WEST HOLLYWOOD	CA		12/16/2016		392,495						2,184	2,184			
EB1400004234	PHOENIX	AZ		12/16/2016		609,318						3,428	3,428			
EB1400004257	SCOTTSDALE	AZ		12/16/2016		848,870						4,652	4,652			
EB1518004686	MECHANICSBURG	PA		12/18/2015		693,800						3,674	3,674			
EB1518005224	LOS RANCHOS DE ALBUQ	NM		12/18/2015		1,321,344						8,731	8,731			
EB1538115814	CINCINNATI	OH		12/18/2015		836,971						5,213	5,213			
EB1538513177	CARMEL VALLEY	CA		12/18/2015		855,509						4,987	4,987			
EB1538516620	HOUSTON	TX		07/30/2015		448,079						2,634	2,634			
EB1538529345	NORTH BARRINGTON	IL		08/07/2015		538,203						3,227	3,227			
EB1538531325	ALISO VIEJO	CA		11/20/2015		573,647						3,426	3,426			
EB1538541301	KAMAS	UT		08/19/2016		885,373						5,006	5,006			
EB1538542524	HOUSTON	TX		12/16/2016		99,588						6,266	6,266			
EB1540091604	NEWTOWN SQUARE	PA		09/18/2015		710,862						4,115	4,115			
EB1540091681	JAMAICA	NY		09/18/2015		662,198						5,120	5,120			
EB1540091858	HILTON HEAD ISLAND	SC		09/18/2015		649,815						3,761	3,761			
EB1540091888	NORWELL	MA		09/18/2015		740,208						4,204	4,204			
EB1540092401	NEWTOWN SQUARE	PA		10/09/2015		1,134,180						6,483	6,483			
EB1540092407	NEW YORK	NY		10/09/2015		916,120						5,260	5,260			
EB1540092432	ELLICOTT CITY	MD		08/07/2015		598,557						3,351	3,351			
EB1540092451	BROOKLYN	NY		03/24/2016		412,386						2,176	2,176			
EB1540092608	DAVIDSONVILLE	MD		08/07/2015		647,811						3,712	3,712			
EB1540092759	WALPOLE	MA		12/18/2015		466,756						2,568	2,568			
EB1540092761	PHILADELPHIA	PA		12/18/2015		674,526						3,612	3,612			
EB1540092773	MCKEES ROCK	PA		09/25/2015		363,211						7,397	7,397			
EB1540092775	MARS	PA		09/25/2015		533,150						130,910	130,910			
EB1540092791	CANONSBURG	PA		10/09/2015		472,297						3,937	3,937			
EB1540092809	DENVER	CO		03/24/2016		1,145,811						7,597	7,597			
EB1540092827	GARNET VALLEY	PA		10/09/2015		488,102						3,027	3,027			
EB1540092836	BOTHELL	WA		10/09/2015		537,910						9,571	9,571			
EB1540092861	CENTER VALLEY	PA		12/18/2015		513,370						2,965	2,965			
EB1540092866	PONTE VEDRA	FL		12/18/2015		420,375						2,967	2,967			
EB1540092931	ASHBURN	VA		12/18/2015		535,478						2,951	2,951			
EB1540092934	PHILADELPHIA	PA		10/09/2015		458,641						2,813	2,813			
EB1540092935	GLEN MILLS	PA		12/18/2015		474,173						4,081	4,081			
EB1540092960	HOLLISTON	MA		06/24/2016		493,782						106,162	106,162			
EB1540093009	RIDGEFIELD	CT		09/25/2015		1,024,969						7,030	7,030			
EB1540093049	NAPLES	FL		10/09/2015		1,252,399						9,720	9,720			
EB1540093058	MARVIN	NC		12/18/2015		512,078						2,808	2,808			

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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)					
EB1540093068	WARRINGTON	PA		11/20/2015		510,484						4,065	4,065			
EB1540093070	POTTSTOWN	PA		10/09/2015		461,498						2,657	2,657			
EB1540093085	WINDERMERE	FL		11/20/2015		641,000						35,284	35,284			
EB1540093090	PITTSBURGH	PA		12/18/2015		467,229						31,237	31,237			
EB1540093103	ARLINGTON	VA		10/09/2015		587,087						7,290	7,290			
EB1540093115	SANIBEL	FL		10/09/2015		492,713						5,887	5,887			
EB1540093119	WILMINGTON	DE		12/18/2015		535,128						62,659	62,659			
EB1540093138	ODESSA	FL		08/07/2015		548,872						2,839	2,839			
EB1540093146	JENKS	OK		09/25/2015		424,731						10,449	10,449			
EB1540093153	WHITE STONE	VA		08/07/2015		514,150						4,355	4,355			
EB1540093154	CANTON	MA		10/07/2016		631,949						3,344	3,344			
EB1540093158	CARY	NC		08/07/2015		507,505						4,703	4,703			
EB1540093166	MOSLEY	VA		11/20/2015		433,232						2,429	2,429			
EB1540093178	MARS	PA		09/25/2015		620,764						3,570	3,570			
EB1540093187	CANONSBURG	PA		08/07/2015		493,436						2,845	2,845			
EB1540093211	SHARON	MA		10/09/2015		538,895						3,103	3,103			
EB1540093222	LAKEWOOD RANCH	FL		08/07/2015		483,582						3,167	3,167			
EB1540093224	FALLS CHURCH	VA		08/07/2015		606,902						3,507	3,507			
EB1540093238	CHANTILLY	VA		08/07/2015		600,888						3,557	3,557			
EB1540093251	NEW YORK	NY		08/07/2015		734,993						4,144	4,144			
EB1540093258	NEW YORK	NY		10/09/2015		569,399						3,083	3,083			
EB1540093286	WILLIAMSBURG	VA		08/07/2015		810,854						8,598	8,598			
EB1540093287	GLASTONBURY	CT		06/24/2016		586,284						3,168	3,168			
EB1540093290	SWARTHMORE	PA		08/07/2015		434,002						2,792	2,792			
EB1540093297	YARDLEY	PA		08/07/2015		441,258						1,921	1,921			
EB1540093300	CANONSBURG	PA		08/07/2015		481,670						2,763	2,763			
EB1540093310	EAST GREENWICH	RI		08/07/2015		397,815						2,293	2,293			
EB1540093346	WINCHESTER	MA		08/07/2015		603,676						3,392	3,392			
EB1540093352	LARGO	FL		10/09/2015		515,450						3,042	3,042			
EB1540093368	PLYMOUTH	MN		11/20/2015		227,889						40,693	40,693			
EB1540093370	SPANISH FORT	AL		08/07/2015		406,202						2,336	2,336			
EB1540093412	CHANTILLY	VA		11/20/2015		921,155						7,184	7,184			
EB1540093419	NAPLES	FL		10/09/2015		590,580						4,001	4,001			
EB1540093541	MARS	PA		12/18/2015		528,226						22,916	22,916			
EB1540093569	BATAVIA	IL		06/24/2016		422,064						4,443	4,443			
EB1540093571	FRISCO	TX		06/24/2016		690,180						5,383	5,383			
EB1540093653	GLEN ALLEN	VA		06/24/2016		535,697						2,922	2,922			
EB1540093666	GREENWOOD	IN		12/18/2015		412,282						2,149	2,149			
EB1540093754	ENGLEWOOD	FL		12/18/2015		1,112,829						5,878	5,878			
EB1540093775	KATY	TX		12/18/2015		529,089						2,931	2,931			
EB1540093776	BLUFFTON	SC		12/18/2015		539,912						5,400	5,400			
EB1540093780	ANDOVER	MA		12/18/2015		813,561						4,493	4,493			
EB1540093798	GLEN ALLEN	VA		08/19/2016		471,647						3,244	3,244			
EB1540093807	PALMETTO BAY	FL		12/18/2015		306,272						4,134	4,134			
EB1540093817	ELIZABETH	CO		12/18/2015		493,094						2,640	2,640			
EB1540093846	HARLEYSVILLE	PA		12/18/2015		480,877						2,716	2,716			
EB1540093863	NEWTOWN SQUARE	PA		08/17/2016		734,962						4,473	4,473			
EB1540093912	WINDERMERE	FL		12/18/2015		1,036,411						3,624	3,624			
EB1540094013	MARS	PA		12/18/2015		537,761						11,059	11,059			
EB1540094121	CLARKSVILLE	MD		06/24/2016		866,628						4,762	4,762			
EB1540094137	MARTINEZ	CA		06/24/2016		1,133,772						6,256	6,256			
EB1540094189	WARRINGTON	PA		08/19/2016		495,739						2,949	2,949			
EB1540094196	WINTER PARK	FL		06/24/2016		997,903						7,494	7,494			
EB1540094216	CHANTILLY	VA		12/16/2016		601,082						5,330	5,330			
EB1540094221	INDIALANTIC	FL		06/24/2016		474,752						18,319	18,319			
EB1540094228	HAYMARKET	VA		08/17/2016		475,963						1,940	1,940			
EB1540094234	FORT LAUDERDALE	FL		06/24/2016		927,454						4,977	4,977			
EB1540094291	HADDONFIELD	NJ		06/24/2016		721,301						4,569	4,569			
EB1540094353	NEW YORK	NY		08/19/2016		871,744						4,704	4,704			
EB1540094354	SAN DIEGO	CA		10/12/2016		714,591						3,695	3,695			

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EB1540094366	AVON	NC		08/19/2016		474,003						5,039	5,039			
EB1540094368	INDIALANTIC	FL		08/19/2016		720,214						3,790	3,790			
EB1540094372	DALLAS	TX		08/19/2016		1,031,822						6,236	6,236			
EB1540094376	ALEXANDRIA	VA		08/19/2016		733,612						3,973	3,973			
EB1540094384	WARRINGTON	PA		12/16/2016		739,091						4,090	4,090			
EB1540094392	DALLAS	TX		08/19/2016		769,680						4,275	4,275			
EB1540094399	MERCER ISLAND	WA		08/17/2016		905,273						5,600	5,600			
EB1540094402	BRADENTON	FL		08/17/2016		535,504						12,578	12,578			
EB1540094405	EAST HAMPTON	NY		08/19/2016		402,632						2,222	2,222			
EB1540094407	ANNAPOLIS	MD		12/16/2016		1,131,235						6,073	6,073			
EB1540094410	CYPRESS	TX		08/19/2016		926,511						5,291	5,291			
EB1540094418	DENVER	CO		08/19/2016		342,546						5,119	5,119			
EB1540094428	SARASOTA	FL		08/19/2016		481,586						3,693	3,693			
EB1540094432	WILLIAMSBURG	VA		08/17/2016		560,780						2,815	2,815			
EB1540094439	BOCA RATON	FL		08/17/2016		675,036						3,580	3,580			
EB1540094622	TAMPA	FL		12/16/2016		589,178						4,597	4,597			
EB1540094628	IRVING	TX		12/16/2016		489,074						2,919	2,919			
EB1540094630	ORLANDO	FL		12/16/2016		515,352						3,427	3,427			
EB1540094632	WINDERMERE	FL		12/16/2016		852,907						4,252	4,252			
EB1540094649	CARROLLTON	TX		12/16/2016		426,177						2,458	2,458			
EB1540094657	NAPLES	FL		12/16/2016		800,194						4,273	4,273			
EB1540094665	BERNARDSVILLE	NJ		12/16/2016		855,153						7,486	7,486			
EB1540094693	NAPLES	FL		12/16/2016		451,796						2,510	2,510			
EB1540094744	JERSEY CITY	NJ		12/16/2016		924,944						4,732	4,732			
EB1541035350	HEATH	TX		12/18/2015		132,838						19,125	19,125			
EB1541037328	SEDONA	AZ		12/18/2015		522,042						2,936	2,936			
EB1541037414	AUSTIN	TX		09/18/2015		686,074						3,840	3,840			
EB1541037473	BARTONVILLE	TX		09/18/2015		1,159,634						7,467	7,467			
EB1541037654	APOLLO BEACH	FL		12/18/2015		448,834						3,816	3,816			
EB1541037678	NASHVILLE	TN		09/18/2015		795,846						4,454	4,454			
EB1541037686	BRENTWOOD	TN		12/18/2015		530,572						2,899	2,899			
EB1541037694	LOS ALAMOS	NM		12/18/2015		213,202						9,526	9,526			
EB1541037762	CHICAGO	IL		12/18/2015		458,912						2,613	2,613			
EB1541037784	NASHVILLE	TN		10/09/2015		552,804						3,105	3,105			
EB1541037893	AUSTIN	TX		12/18/2015		608,926						3,552	3,552			
EB1541037903	SCOTTSDALE	AZ		09/18/2015		545,905						11,260	11,260			
EB1541037934	MONTGOMERY	TX		09/18/2015		812,751						5,211	5,211			
EB1541037969	SAN ANTONIO	TX		07/30/2015		559,594						3,427	3,427			
EB1541038051	PALM SPRINGS	CA		03/24/2016		428,171						2,321	2,321			
EB1541038421	DALLAS	TX		10/09/2015		564,632						3,131	3,131			
EB1541038819	NISSWA	MIN		08/07/2015		1,132,513						6,190	6,190			
EB1541038886	WINTER PARK	CO		09/25/2015		306,421						4,132	4,132			
EB1541038971	GARFIELD	AR		08/07/2015		750,220						4,824	4,824			
EB1541039016	TUJUNGA	CA		10/09/2015		1,048,250						5,554	5,554			
EB1541039030	BRENTWOOD	TN		09/25/2015		1,845,400						10,407	10,407			
EB1541039039	NASHVILLE	TN		10/09/2015		997,133						5,741	5,741			
EB1541039057	BEVERLY HILLS	MI		09/25/2015		403,463						3,437	3,437			
EB1541039074	SANTA ROSA BEACH	FL		09/25/2015		484,787						4,546	4,546			
EB1541039088	DEERFIELD	IL		08/19/2016		867,630						4,944	4,944			
EB1541039096	BONITA SPRINGS	FL		09/25/2015		1,272,986						9,778	9,778			
EB1541039156	NAPERVILLE	IL		10/09/2015		1,258,989						8,847	8,847			
EB1541039188	CHICAGO	IL		10/09/2015		572,185						3,207	3,207			
EB1541039227	WESTERN SPRINGS	IL		12/18/2015		582,330						3,388	3,388			
EB1541039250	HOUSTON	TX		08/07/2015		606,369						3,419	3,419			
EB1541039265	BRENTWOOD	TN		10/09/2015		393,008						2,251	2,251			
EB1541039282	ARCADIA	OK		10/09/2015		1,407,221						7,103	7,103			
EB1541039287	WILMETTE	IL		10/09/2015		1,309,174						7,588	7,588			
EB1541039288	NASHVILLE	TN		08/07/2015		823,600						7,154	7,154			
EB1541039289	KATY	TX		08/07/2015		640,701						3,676	3,676			
EB1541039302	NASHVILLE	TN		10/09/2015		604,804						3,470	3,470			

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EB1541039333	LONG BEACH TOWNSHIP	NJ		08/07/2015		923,065						5,209	5,209			
EB1541039340	LOCUST VALLEY	NY		10/09/2015		732,458						4,217	4,217			
EB1541039356	NASHVILLE	TN		10/09/2015		484,815						7,377	7,377			
EB1541039357	BRENTWOOD	TN		11/20/2015		473,973						2,685	2,685			
EB1541039365	WAXHAW	NC		08/07/2015		813,878						4,692	4,692			
EB1541039380	SANTA FE	NM		12/18/2015		766,219						4,124	4,124			
EB1541039388	WILMETTE	IL		08/07/2015		1,326,650						7,538	7,538			
EB1541039409	WESTERN SPRINGS	IL		08/07/2015		447,795						2,614	2,614			
EB1541039448	AUSTIN	TX		12/18/2015		527,598						5,700	5,700			
EB1541039463	MOUND	MN		08/07/2015		587,260						3,311	3,311			
EB1541039473	SAN JOSE	CA		10/12/2016		691,506						3,913	3,913			
EB1541039478	NASHVILLE	TN		10/09/2015		549,859						3,352	3,352			
EB1541039497	ROXBORO	NC		08/19/2016		757,777						3,866	3,866			
EB1541039627	MONACA	PA		11/20/2015		448,661						2,703	2,703			
EB1541039644	LAKE FOREST	IL		12/18/2015		667,858						2,463	2,463			
EB1541039674	SPICEWOOD	TX		12/18/2015		500,894						2,775	2,775			
EB1541039693	LONGWOOD	FL		12/18/2015		707,276						3,921	3,921			
EB1541039699	THE WOODLANDS	TX		06/24/2016		1,319,145						9,118	9,118			
EB1541039743	FREDERICKSBURG	TX		12/18/2015		531,967						2,947	2,947			
EB1541039745	ESSEX	CT		12/18/2015		403,123						2,105	2,105			
EB1541039746	DOWNERS GROVE	IL		12/18/2015		557,036						3,108	3,108			
EB1541039760	PITTSBURGH	PA		12/18/2015		543,933						3,014	3,014			
EB1541039769	BLAINE	MN		12/18/2015		619,818						3,213	3,213			
EB1541039799	MCKINNEY	TX		12/18/2015		612,989						3,299	3,299			
EB1541039816	TELLURIDE	CO		12/18/2015		843,426						4,455	4,455			
EB1541039869	SCOTTSDALE	AZ		12/18/2015		598,791						12,333	12,333			
EB1541039889	EVERGREEN	CO		12/18/2015		450,811						2,429	2,429			
EB1541040031	MAGNOLIA	TX		12/18/2015		510,215						2,798	2,798			
EB1541040248	HOUSTON	TX		06/24/2016		1,111,072						6,209	6,209			
EB1541040272	TEMECULA	CA		06/24/2016		430,469						2,410	2,410			
EB1541040297	CLEMMONS	NC		06/24/2016		546,504						4,323	4,323			
EB1541040302	PLANO	TX		06/24/2016		873,148						8,995	8,995			
EB1541040394	HUDSON	OH		08/19/2016		423,528						20,736	20,736			
EB1541040428	RIDGEFIELD	CT		08/19/2016		421,727						2,704	2,704			
EB1541040432	NASHVILLE	TN		08/19/2016		507,885						2,750	2,750			
EB1541040437	DALLAS	TX		08/19/2016		859,409						4,719	4,719			
EB1541040454	HOUSTON	TX		08/19/2016		937,821						5,123	5,123			
EB1541040459	SUGAR LAND	TX		08/19/2016		478,524						2,654	2,654			
EB1541040460	VESTAVIA	AL		08/19/2016		504,876						1,820	1,820			
EB1541040463	BRENTWOOD	TN		08/17/2016		455,758						2,444	2,444			
EB1541040473	LEAGUE CITY	TX		08/19/2016		585,446						3,247	3,247			
EB1541040477	NASHVILLE	TN		08/19/2016		853,554						6,410	6,410			
EB1541040483	BRENTWOOD	TN		10/12/2016		716,130						5,994	5,994			
EB1541040488	PLYMOUTH	MN		08/19/2016		484,346						2,808	2,808			
EB1541040501	SARASOTA	FL		08/17/2016		660,549						3,690	3,690			
EB1541040502	DOWNERS GROVE	IL		08/19/2016		649,381						3,601	3,601			
EB1541040509	FAIRVIEW	TN		08/19/2016		463,139						2,932	2,932			
EB1541040511	AUSTIN	TX		08/19/2016		762,204						4,128	4,128			
EB1541040513	COLLEYVILLE	TX		08/17/2016		678,170						3,916	3,916			
EB1541040516	SEATTLE	WA		08/17/2016		642,585						3,463	3,463			
EB1541040517	SEATTLE	WA		08/17/2016		561,585						5,753	5,753			
EB1541040520	FOUNTAIN HILLS	AZ		10/12/2016		1,025,800						5,934	5,934			
EB1541040527	AUSTIN	TX		08/17/2016		497,586						2,668	2,668			
EB1541040637	KEMAH	TX		10/07/2016		406,110						3,196	3,196			
EB1541040649	MCKINNEY	TX		10/07/2016		436,535						2,279	2,279			
EB1541040688	SARASOTA	FL		12/16/2016		542,838						3,772	3,772			
EB1541040699	WADSWORTH	OH		12/16/2016		435,285						2,490	2,490			
EB1541040700	NASHVILLE	TN		12/16/2016		858,822						4,415	4,415			
EB1541040740	NASHVILLE	TN		12/16/2016		643,370						3,480	3,480			
EB1541040750	LEANDER	TX		12/16/2016		433,103						2,823	2,823			

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EB1541040753	ISSAQUAH	WA		12/16/2016		619,956						3,266	3,266			
EB1541040757	FAIRFIELD	CT		12/16/2016		735,743						2,685	2,685			
EB1541040764	EDMOND	OK		12/16/2016		832,941						4,261	4,261			
EB1541040767	FRANKLIN	TN		12/16/2016		556,413						2,898	2,898			
EB1541040778	MALVERN	PA		12/16/2016		545,555						3,244	3,244			
EB1541040779	FREMONT	CA		12/16/2016		952,200						4,983	4,983			
EB1541040783	SCOTTSDALE	AZ		12/16/2016		455,124						2,217	2,217			
EB1541040784	EDMONDS	WA		12/16/2016		608,994						3,100	3,100			
EB1541040785	COVINGTON	LA		12/16/2016		579,194						2,644	2,644			
EB1541040798	KIRKLAND	WA		12/16/2016		614,673						3,160	3,160			
EB1541040810	BRECKENRIDGE	CO		12/16/2016		581,591						2,899	2,899			
EB1541040831	OAK BROOK	IL		12/16/2016		797,571						4,300	4,300			
EB1541040845	PACIFICA	CA		12/16/2016		484,712						2,766	2,766			
EB1541040854	CARDIFF BY THE SEA	CA		12/16/2016		606,365						3,394	3,394			
EB1541040861	THE WOODLANDS	TX		12/16/2016		665,620						3,572	3,572			
EB1541040869	LOS ANGELES	CA		12/16/2016		1,078,420						5,828	5,828			
EB1541040877	DENVER	CO		12/16/2016		470,185						2,405	2,405			
EB1541040886	ALBUQUERQUE	NM		12/16/2016		507,362						5,399	5,399			
EB1564000229	DENVER	CO		07/30/2015		377,385						2,232	2,232			
EB1564000389	GREENWOOD VILLAGE	CO		08/07/2015		656,941						3,787	3,787			
EB1564000519	DENVER	CO		12/18/2015		510,231						2,832	2,832			
EB1564000525	GREENWOOD VILLAGE	CO		07/17/2015		505,624						2,943	2,943			
EB1564000599	DENVER	CO		11/20/2015		456,685						2,613	2,613			
EB1564000618	DENVER	CO		08/07/2015		736,368						4,131	4,131			
EB1564000620	FORT COLLINS	CO		08/07/2015		805,261						4,629	4,629			
EB1564000716	FRASER	CO		12/18/2015		347,125						3,575	3,575			
EB1564000966	DENVER	CO		08/19/2016		488,601						23,106	23,106			
EB1564000993	DENVER	CO		08/19/2016		487,926						2,875	2,875			
EB1564001009	DENVER	CO		08/17/2016		460,914						2,459	2,459			
EB1564001065	DENVER	CO		12/16/2016		618,394						3,616	3,616			
EB1564001079	NIWOT	CO		10/07/2016		484,719						2,736	2,736			
EB1564001105	DENVER	CO		12/16/2016		562,880						3,172	3,172			
EB1564001132	DENVER	CO		12/16/2016		585,267						4,316	4,316			
EB1564001134	DENVER	CO		12/16/2016		756,236						4,371	4,371			
EB1564001170	ERIE	CO		12/16/2016		457,311						3,529	3,529			
EB1567001606	MANHATTAN BEACH	CA		03/24/2016		598,182						2,391	2,391			
EB1567001695	CASTLE ROCK	CO		06/24/2016		583,920						3,271	3,271			
EB1567001956	LOS ANGELES	CA		12/16/2016		822,915						4,586	4,586			
EB1567001968	FORT COLLINS	CO		12/16/2016		576,888						3,430	3,430			
EB1567002016	HERMOSA BEACH	CA		12/16/2016		1,275,307						7,209	7,209			
EB1596048348	MOORESVILLE	NC		12/18/2015		561,809						3,161	3,161			
EB1596048401	YORBA LINDA	CA		12/18/2015		770,686						4,437	4,437			
EB1596048655	CENTERTON	AR		12/18/2015		428,208						2,496	2,496			
EB1596048822	CARLSBAD	CA		12/18/2015		535,710						3,229	3,229			
EB1596049199	BELMONT	CA		03/24/2016		439,807						2,436	2,436			
EB1596049353	TAHOE CITY	CA		06/24/2016		475,704						2,586	2,586			
EB1596049507	BEVERLY HILLS	CA		06/24/2016		616,398						4,973	4,973			
EB1596050604	SAN RAMON	CA		10/09/2015		1,244,364						6,661	6,661			
EB1596050641	NEWPORT BEACH	CA		09/25/2015		928,290						5,038	5,038			
EB1596050691	LAKE ARROWHEAD	CA		06/24/2016		656,898						8,240	8,240			
EB1596050790	PACIFICA	CA		09/25/2015		989,493						5,272	5,272			
EB1596050829	FOLSOM	CA		09/25/2015		456,589						3,165	3,165			
EB1596050926	LA CANADA FLINTRIDGE	CA		10/09/2015		1,282,697						11,524	11,524			
EB1596050928	ARROYO GRANDE	CA		10/12/2016		591,446						3,296	3,296			
EB1596050959	COSTA MESA	CA		10/09/2015		708,960						3,986	3,986			
EB1596050979	PARKTON	MD		10/09/2015		365,390						4,226	4,226			
EB1596050986	LOS ANGELES	CA		09/25/2015		696,270						4,366	4,366			
EB1596051054	SAN CLEMENTE	CA		10/09/2015		956,889						5,615	5,615			
EB1596051083	REDWOOD CITY	CA		09/25/2015		729,393						4,195	4,195			
EB1596051099	COLORADO SPRINGS	CO		08/07/2015		720,352						14,261	14,261			

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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)					
EB1596051104	MORAGA	CA		10/12/2016		979,340						11,402	11,402			
EB1596051112	SAN DIEGO	CA		11/20/2015		866,874						4,960	4,960			
EB1596051124	ARROYO GRANDE	CA		08/07/2015		474,315						2,655	2,655			
EB1596051169	TEMECULA	CA		10/09/2015		628,973						3,816	3,816			
EB1596051186	CALABASAS	CA		10/09/2015		782,422						4,694	4,694			
EB1596051197	DALLAS	TX		10/09/2015		1,639,470						9,219	9,219			
EB1596051201	TOLUCA LAKE	CA		11/20/2015		872,362						6,772	6,772			
EB1596051241	COTO DE CEZA	CA		10/09/2015		1,027,883						7,693	7,693			
EB1596051303	LONG BEACH	CA		08/07/2015		504,279						2,830	2,830			
EB1596051318	LOS ANGELES	CA		11/20/2015		754,221						39,390	39,390			
EB1596051339	CAVE CREEK	AZ		11/20/2015		584,068						3,408	3,408			
EB1596051434	HALEIWA	HI		08/07/2015		790,586						4,449	4,449			
EB1596051448	CAMARILLO	CA		09/25/2015		676,901						4,088	4,088			
EB1596051469	SOUTHLAKE	TX		08/07/2015		554,874						49,187	49,187			
EB1596051479	THOUSAND OAKS	CA		10/12/2016		886,895						5,584	5,584			
EB1596051551	SNOQUALMIE	WA		12/18/2015		520,145						2,888	2,888			
EB1596051556	GIG HARBOR	WA		10/09/2015		927,629						5,085	5,085			
EB1596051712	LONE TREE	CO		06/24/2016		644,572						5,512	5,512			
EB1596051732	DENVER	CO		12/18/2015		538,728						2,770	2,770			
EB1596051852	DENVER	CO		12/18/2015		563,185						2,919	2,919			
EB1596051978	SEATTLE	WA		12/18/2015		610,195						4,301	4,301			
EB1596052025	SCOTTSDALE	AZ		12/18/2015		673,878						3,608	3,608			
EB1596052367	SEATTLE	WA		12/18/2015		581,066						3,111	3,111			
EB1596052570	PHOENIX	AZ		12/18/2015		201,606						4,408	4,408			
EB1596052680	EL DORADO HILLS	CA		10/12/2016		462,469						5,054	5,054			
EB1596052803	UNION CITY	CA		10/12/2016		946,497						5,074	5,074			
EB1596052956	NAPLES	FL		06/24/2016		460,824						2,867	2,867			
EB1596053002	HAWTHORN WOODS	IL		10/12/2016		393,930						2,835	2,835			
EB1596053005	CORONA	CA		06/24/2016		645,320						3,307	3,307			
EB1596053037	SAN CLEMENTE	CA		06/24/2016		1,389,473						31,089	31,089			
EB1596053057	GILROY	CA		06/24/2016		510,294						1,710	1,710			
EB1596053060	LOS ANGELES	CA		06/24/2016		1,119,402						6,118	6,118			
EB1596053071	LAKEWOOD	CO		10/07/2016		507,532						4,066	4,066			
EB1596053207	PALM BEACH	FL		08/19/2016		518,559						5,430	5,430			
EB1596053210	CAREFREE	AZ		06/24/2016		624,165						3,232	3,232			
EB1596053229	LONE TREE	CO		08/19/2016		527,504						2,871	2,871			
EB1596053279	MURRIETA	CA		10/12/2016		432,411						2,400	2,400			
EB1596053283	MALIBU	CA		10/12/2016		1,407,781						7,775	7,775			
EB1596053309	KEY WEST	FL		08/19/2016		494,762						2,451	2,451			
EB1596053325	CANYON COUNTRY	CA		08/17/2016		501,453						2,572	2,572			
EB1596053332	LADERA RANCH	CA		10/12/2016		1,256,734						4,509	4,509			
EB1596053333	FLAGSTAFF	AZ		08/19/2016		461,441						2,562	2,562			
EB1596053359	PARADISE VALLEY	AZ		12/16/2016		585,124						2,959	2,959			
EB1596053361	COLORADO SPRINGS	CO		08/19/2016		439,693						6,378	6,378			
EB1596053366	ALTADENA	CA		08/17/2016		851,872						6,278	6,278			
EB1596053368	LOS ANGELES	CA		10/12/2016		953,434						5,240	5,240			
EB1596053381	AURORA	CO		08/19/2016		561,246						3,085	3,085			
EB1596053387	DAVIS	CA		10/12/2016		520,636						2,792	2,792			
EB1596053388	MIDWAY	UT		08/19/2016		458,692						2,488	2,488			
EB1596053391	BLUFFDALE	UT		08/17/2016		419,456						2,309	2,309			
EB1596053398	RANCHO PALOS VERDES	CA		08/17/2016		1,127,199						6,216	6,216			
EB1596053407	SANTA MONICA	CA		08/17/2016		1,134,916						5,950	5,950			
EB1596053408	VALENCIA	CA		08/17/2016		935,315						5,186	5,186			
EB1596053414	WESTMINSTER	CO		08/19/2016		533,302						2,873	2,873			
EB1596053421	REDWOOD CITY	CA		08/17/2016		740,969						3,974	3,974			
EB1596053430	ENGLEWOOD	CO		08/19/2016		594,726						3,205	3,205			
EB1596053434	SANTA BARBARA	CA		10/12/2016		962,606						5,365	5,365			
EB1596053446	LONE TREE	CO		08/19/2016		530,448						2,873	2,873			
EB1596053476	TUSTIN	CA		08/17/2016		671,481						3,345	3,345			
EB1596053482	AQUA DULCE	CA		08/17/2016		740,033						4,178	4,178			

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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)					
EB1596053487	HUNTINGTON BEACH	CA		10/12/2016		660,057						3,596	3,596			
EB1596053495	SAN CLEMENTE	CA		08/17/2016		771,664						3,808	3,808			
EB1596053496	AGUA DULCE AREA	CA		12/16/2016		686,563						2,552	2,552			
EB1596053498	LOS ANGELES	CA		08/17/2016		901,649						4,948	4,948			
EB1596053514	CARMEL	CA		08/17/2016		509,204						2,639	2,639			
EB1596053515	THOUSAND OAKS	CA		08/17/2016		1,233,760						6,226	6,226			
EB1596053516	SANTA FE	NM		08/17/2016		569,773						6,064	6,064			
EB1596053538	MISSION VIEJO	CA		08/17/2016		1,024,253						5,465	5,465			
EB1596053546	CORONA DEL MAR	CA		08/17/2016		935,942						5,044	5,044			
EB1596053586	BAINBRIDGE ISLAND	WA		12/16/2016		520,399						9,151	9,151			
EB1596053616	PASADENA	CA		12/16/2016		676,626						4,987	4,987			
EB1596053717	NEWPORT BEACH	CA		12/16/2016		936,999						4,887	4,887			
EB1596053750	EL SEGUNDO	CA		10/07/2016		1,214,705						6,342	6,342			
EB1596053766	DUCK	NC		12/16/2016		688,311						3,788	3,788			
EB1596053799	LA HABRA HEIGHTS	CA		12/16/2016		651,957						3,814	3,814			
EB1596053805	JURUPA VALLEY	CA		12/16/2016		426,981						2,256	2,256			
EB1596053808	SAN JOSE	CA		12/16/2016		680,061						3,697	3,697			
EB1596053818	CULVER CITY	CA		12/16/2016		976,003						5,476	5,476			
EB1596053821	ERIE	CO		12/16/2016		528,269						2,918	2,918			
EB1596053822	SEATTLE	WA		12/16/2016		597,472						3,533	3,533			
EB1596053825	LONG BEACH	CA		12/16/2016		972,307						5,571	5,571			
EB1596053836	GLENDALE	CA		12/16/2016		954,716						3,738	3,738			
EB1596053850	LOS ANGELES	CA		12/16/2016		833,567						4,190	4,190			
EB1596053855	FOSTER CITY	CA		12/16/2016		525,676						2,571	2,571			
EB1596053857	SACRAMENTO	CA		12/16/2016		778,996						3,850	3,850			
EB1596053871	SANTA BARBARA	CA		12/16/2016		1,788,664						9,169	9,169			
EB1596053910	DENVER	CO		12/16/2016		1,124,817						5,857	5,857			
EB1596053911	BOTHELL	WA		12/16/2016		667,601						4,118	4,118			
EB1596053930	SOUTH SAN FRANCISCO	CA		12/16/2016		958,332						7,114	7,114			
EB1596053937	SCOTTSDALE	AZ		12/16/2016		661,655						105,690	105,690			
EB1596053958	SCOTTSDALE	AZ		12/16/2016		484,696						2,437	2,437			
EB1596053960	PACIFICA	CA		12/16/2016		637,796						4,683	4,683			
EB1596053967	GUALALA	CA		12/16/2016		596,365						3,086	3,086			
EB1596053974	PHOENIX	AZ		12/16/2016		663,730						3,459	3,459			
EB1596053990	SEATTLE	WA		12/16/2016		736,682						3,673	3,673			
EB1596053993	CALABASAS	CA		12/16/2016		957,673						5,012	5,012			
EB1596054004	DENVER	CO		12/16/2016		874,281						4,834	4,834			
EB1596054012	BROOMFIELD	CO		12/16/2016		527,056						2,989	2,989			
EB1596054021	LOS ANGELES	CA		12/16/2016		927,140						3,584	3,584			
EB1596054049	PALM SPRINGS	CA		12/16/2016		465,628						1,995	1,995			
EB1596054061	SANTA CLARA	CA		12/16/2016		757,118						4,192	4,192			
EB1596054080	SOLANA BEACH	CA		12/16/2016		900,359						4,597	4,597			
EB1706505057	BEVERLY	MA		12/18/2015		463,985						2,464	2,464			
EB1706505305	SUGAR LAND	TX		12/18/2015		497,580						2,813	2,813			
EB1706542026	CLARKSVILLE	MD		08/19/2016		799,813						4,523	4,523			
EB1706551323	SCOTTSDALE	AZ		12/16/2016		469,094						2,711	2,711			
EB1723001151	ENCINITAS	CA		08/07/2015		599,717						15,772	15,772			
EB1723001157	LOS ANGELES	CA		07/17/2015		507,280						2,989	2,989			
EB1723001216	ALEXANDRIA	VA		12/18/2015		389,159						2,898	2,898			
EB1723001246	LOS ANGELES	CA		06/24/2016		983,315						5,563	5,563			
EB1723001389	MANHATTAN BEACH	CA		12/16/2016		1,490,968						8,488	8,488			
EB1723001394	LOS ANGELES	CA		12/16/2016		944,907						5,196	5,196			
EB1725001382	NEWPORT BEACH	CA		12/18/2015		610,697						3,532	3,532			
EB1725002290	NEWPORT BEACH	CA		11/20/2015		1,017,563						7,851	7,851			
EB1725002337	PALM DESERT	CA		07/17/2015		405,771						2,649	2,649			
EB1725002346	PALM SPRINGS	CA		11/20/2015		410,921						3,129	3,129			
EB1725002355	LADERA RANCH	CA		07/17/2015		859,061						4,919	4,919			
EB1725002360	PALM SPRINGS	CA		06/24/2016		1,470,932						39,517	39,517			
EB1725002424	PALM SPRINGS	CA		08/07/2015		403,037						1,533	1,533			
EB1725002450	SAN CLEMENTE	CA		08/07/2015		545,055						3,140	3,140			

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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)					
EB1725002836	LOS ANGELES	CA		06/24/2016		417,266						4,411	4,411			
EB1725002907	COSTA MESA	CA		03/24/2016		669,068						3,599	3,599			
EB1725002983	PALM SPRINGS	CA		06/24/2016		409,552						2,202	2,202			
EB1725003098	NEWPORT BEACH	CA		10/12/2016		1,364,042						5,735	5,735			
EB1725003333	SAN JOSE	CA		12/16/2016		613,250						3,450	3,450			
EB1725003376	SAN DIEGO	CA		12/16/2016		988,214						5,455	5,455			
EB1725003421	SAN ANSELMO	CA		12/16/2016		829,471						4,465	4,465			
EB1725003445	SAN CLEMENTE	CA		12/16/2016		610,306						2,149	2,149			
EB1725003460	LADERA RANCH	CA		12/16/2016		483,596						3,080	3,080			
EB1771000521	HUNTINGTON BEACH	CA		09/18/2015		591,553						14,977	14,977			
EB1771000663	HUNTINGTON BEACH	CA		07/30/2015		984,493						5,976	5,976			
EB1771000666	SANTA ANA	CA		09/18/2015		628,997						3,641	3,641			
EB1771000713	SAN JUAN CAPISTRANO	CA		11/20/2015		1,039,813						9,937	9,937			
EB1771000721	SAN JUAN CAPISTRANO	CA		09/25/2015		926,947						5,488	5,488			
EB1771000972	HUNTINGTON BEACH	CA		09/25/2015		803,144						8,963	8,963			
EB1771001014	LA MIRADA	CA		07/17/2015		435,945						2,776	2,776			
EB1771001018	LA MIRADA	CA		07/17/2015		470,026						2,691	2,691			
EB1771001118	SAN JUAN CAPISTRANO	CA		08/17/2016		849,030						5,348	5,348			
EB1771001235	HUNTINGTON BEACH	CA		10/12/2016		920,746						5,317	5,317			
EB1771001373	HUNTINGTON BEACH	CA		03/24/2016		940,937						5,045	5,045			
EB1771001383	LAKE FOREST	CA		06/24/2016		695,040						8,822	8,822			
EB1771001472	HUNTINGTON BEACH	CA		12/16/2016		1,278,356						15,280	15,280			
EB1771001805	FOLSOM	CA		12/16/2016		520,819						2,889	2,889			
EB1771001934	HUNTINGTON BEACH	CA		12/16/2016		1,252,011						13,472	13,472			
EB1784001085	WALNUT CREEK	CA		07/30/2015		752,263						4,446	4,446			
EB1784001354	SANTA CLARA	CA		07/30/2015		585,194						3,459	3,459			
EB1784001427	MOUNTAIN VIEW	CA		07/30/2015		901,271						5,327	5,327			
EB1784001757	NOVATO	CA		03/24/2016		563,943						3,218	3,218			
EB1784001925	BELMONT	CA		06/24/2016		1,126,300						6,547	6,547			
EB1784002144	REDWOOD CITY	CA		09/25/2015		842,457						4,871	4,871			
EB1784002168	SAN FRANCISCO	CA		11/20/2015		1,021,930						6,134	6,134			
EB1784002217	SAN FRANCISCO	CA		09/25/2015		488,076						2,822	2,822			
EB1784002268	SAN FRANCISCO	CA		09/25/2015		920,162						6,246	6,246			
EB1784002309	LAFAYETTE	CA		10/12/2016		1,206,573						7,043	7,043			
EB1784002331	SAN JOSE	CA		10/12/2016		1,623,228						9,428	9,428			
EB1784002334	REDWOOD CITY	CA		07/17/2015		727,044						4,174	4,174			
EB1784002358	EMERALD HILLS	CA		07/17/2015		638,543						5,135	5,135			
EB1784002384	REDWOOD CITY	CA		07/17/2015		834,753						6,245	6,245			
EB1784002424	SAN FRANCISCO	CA		10/12/2016		2,120,016						12,677	12,677			
EB1784002431	SAN FRANCISCO	CA		03/24/2016		1,068,973						6,102	6,102			
EB1784002442	PALO ALTO	CA		08/07/2015		1,161,195						6,776	6,776			
EB1784002449	SAN FRANCISCO	CA		08/07/2015		406,310						8,090	8,090			
EB1784002458	SAN CARLOS	CA		08/07/2015		878,697						5,144	5,144			
EB1784002535	SAN FRANCISCO	CA		08/07/2015		774,009						4,351	4,351			
EB1784002546	CORTE MADERA	CA		08/07/2015		1,013,998						5,989	5,989			
EB1784002563	SAN FRANCISCO	CA		08/07/2015		526,820						3,293	3,293			
EB1784002796	SAN BRUNO	CA		03/24/2016		615,311						3,385	3,385			
EB1784002902	MORGAN HILL	CA		03/24/2016		512,781						2,821	2,821			
EB1784002927	SANTA ROSA	CA		03/24/2016		459,700						2,584	2,584			
EB1784002958	MENLO PARK	CA		06/24/2016		508,301						2,865	2,865			
EB1784003112	MENLO PARK	CA		03/24/2016		580,345						3,245	3,245			
EB1784003157	LA CRESCENTA	CA		06/24/2016		386,309						2,166	2,166			
EB1784003213	REDWOOD CITY	CA		10/12/2016		1,245,416						7,017	7,017			
EB1784003367	REDWOOD CITY	CA		10/12/2016		703,435						3,870	3,870			
EB1784003417	NOVATO	CA		06/24/2016		507,806						2,711	2,711			
EB1784003436	SANTA ROSA	CA		06/24/2016		475,894						2,508	2,508			
EB1784003477	SAN FRANCISCO	CA		03/24/2016		606,585						3,488	3,488			
EB1784003514	SAN JOSE	CA		03/24/2016		572,881						3,651	3,651			
EB1784003927	SAN JOSE	CA		06/24/2016		951,105						5,598	5,598			
EB1784003936	SAN BRUNO	CA		10/12/2016		599,489						5,095	5,095			

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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)					
EB1784003944	SAN CARLOS	CA		12/16/2016		624,870						3,404	3,404			
EB1784003974	SAN JOSE	CA		08/17/2016		639,292						3,677	3,677			
EB1784004014	SAN FRANCISCO	CA		08/17/2016		906,198						5,090	5,090			
EB1784004039	SAN FRANCISCO	CA		12/16/2016		463,360						2,560	2,560			
EB1784004040	CORTE MADERA	CA		08/17/2016		652,032						2,438	2,438			
EB1784004072	SAN RAFAEL	CA		12/16/2016		703,529						4,977	4,977			
EB1784004088	NOVATO	CA		12/16/2016		998,321						5,682	5,682			
EB1784004120	SAN FRANCISCO	CA		10/12/2016		623,581						3,441	3,441			
EB1784004122	SAN FRANCISCO	CA		08/17/2016		941,669						5,167	5,167			
EB1784004180	SAN FRANCISCO	CA		10/12/2016		637,920						3,452	3,452			
EB1784004245	TIBURON	CA		12/16/2016		697,377						3,932	3,932			
EB1784004248	SAN FRANCISCO	CA		12/16/2016		741,831						4,182	4,182			
EB1784004293	EL CERRITO	CA		12/16/2016		626,552						3,372	3,372			
EB1784004395	FAIRFAX	CA		12/16/2016		990,923						5,453	5,453			
EB1784004497	SEBASTOPO	CA		12/16/2016		722,172						5,509	5,509			
EB1784004502	MENLO PARK	CA		12/16/2016		757,302						4,144	4,144			
EB1784004539	SAN MATEO	CA		12/16/2016		1,122,157						6,254	6,254			
EB1784004542	SAN JOSE	CA		12/16/2016		1,051,477						6,980	6,980			
EB1784004563	DANVILLE	CA		12/16/2016		758,897						4,678	4,678			
EB1784004587	CORTE MADERA	CA		12/16/2016		353,404						3,958	3,958			
EB1784004738	SAN FRANCISCO	CA		12/16/2016		722,331						4,083	4,083			
EB1784004775	BELMONT	CA		12/16/2016		840,100						7,679	7,679			
EB1784004777	SAN FRANCISCO	CA		12/16/2016		955,039						6,769	6,769			
EB1784004778	SAN FRANCISCO	CA		12/16/2016		664,926						3,723	3,723			
EB1784004781	BURLINGAME	CA		12/16/2016		1,316,028						7,420	7,420			
EB1784004782	MENLO PARK	CA		12/16/2016		722,277						6,856	6,856			
EB1784004784	SAN RAFAEL	CA		12/16/2016		593,677						3,356	3,356			
EB1784004785	BURLINGAME	CA		12/16/2016		1,276,991						7,184	7,184			
EB1784004815	REDWOOD CITY	CA		12/16/2016		1,080,027						5,939	5,939			
EB1784004840	OAKLAND	CA		12/16/2016		984,284						5,538	5,538			
EB1784004856	SAN FRANCISCO	CA		12/16/2016		902,806						8,112	8,112			
EB1784004858	SAN FRANCISCO	CA		12/16/2016		548,387						3,085	3,085			
EB1784004861	SAN FRANCISCO	CA		12/16/2016		707,823						8,221	8,221			
EB1784004870	SAN RAFAEL	CA		12/16/2016		1,086,338						6,288	6,288			
EB1784004880	SAN FRANCISCO	CA		12/16/2016		1,320,848						7,891	7,891			
EB1784004910	SAN RAFAEL	CA		12/16/2016		854,559						4,683	4,683			
EB1784004962	SAN FRANCISCO	CA		12/16/2016		480,087						2,644	2,644			
EB1784005051	SAN BRUNO	CA		12/16/2016		668,808						3,866	3,866			
EB1785002536	SAN FRANCISCO	CA		07/30/2015		722,492						3,003	3,003			
EB1785003246	LOS ANGELES	CA		03/24/2016		490,406						2,726	2,726			
EB1785003252	NEWARK	CA		10/09/2015		420,288						2,776	2,776			
EB1785003272	MENLO PARK	CA		09/25/2015		922,928						5,368	5,368			
EB1785003289	LINDEN	CA		10/09/2015		503,095						3,240	3,240			
EB1785003407	SAN JOSE	CA		07/17/2015		744,238						2,883	2,883			
EB1785003447	PORTOLA VALLEY	CA		07/17/2015		1,253,431						7,454	7,454			
EB1785003492	SATELLITE BEACH	FL		08/07/2015		449,732						4,197	4,197			
EB1785003522	E PALO ALTO	CA		08/07/2015		535,706						3,005	3,005			
EB1785003601	LOS GATOS	CA		06/24/2016		834,573						4,647	4,647			
EB1785003665	REDWOOD CITY	CA		06/24/2016		561,052						6,763	6,763			
EB1785004145	PEBBLE BEACH	CA		06/24/2016		540,944						4,068	4,068			
EB1785004180	FREMONT	CA		06/24/2016		727,797						4,077	4,077			
EB1785004254	SAN JOSE	CA		06/24/2016		677,446						3,774	3,774			
EB1785004280	LOS GATOS	CA		06/24/2016		534,567						4,813	4,813			
EB1785004420	SUNNYVALE	CA		08/17/2016		1,138,854						12,959	12,959			
EB1785004656	SCOTTS VALLEY	CA		12/16/2016		666,379						4,022	4,022			
EB1785004673	SAN JOSE	CA		10/07/2016		1,060,647						5,812	5,812			
EB1785004871	LOS ALTOS	CA		12/16/2016		485,873						3,839	3,839			
EB1785004879	SANTA CRUZ	CA		12/16/2016		676,319						3,628	3,628			
EB1785004925	SANTA CRUZ	CA		12/16/2016		714,305						4,135	4,135			
EB1786002179	HALF MOON BAY	CA		07/30/2015		1,041,028						6,257	6,257			

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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)					
EB1786002320	PORTOLA VALLEY	CA		10/09/2015		560,244						4,194	4,194			
EB1786002424	LOS ALTOS	CA		09/25/2015		1,622,540						9,333	9,333			
EB1786002511	BELMONT	CA		03/24/2016		895,099						5,257	5,257			
EB1786002571	SAN FRANCISCO	CA		08/07/2015		1,266,551						7,545	7,545			
EB1786002646	SOUTH SAN FRANCISCO	CA		03/24/2016		696,314						4,037	4,037			
EB1786002673	SANTA CLARA	CA		07/17/2015		592,122						4,547	4,547			
EB1786002708	TRUCKEE	CA		11/20/2015		530,344						3,199	3,199			
EB1786002719	MENLO PARK	CA		07/17/2015		714,589						4,289	4,289			
EB1786002720	EL GRANADA	CA		11/20/2015		858,240						5,152	5,152			
EB1786002896	NOVATO	CA		03/24/2016		609,413						3,490	3,490			
EB1786003293	CUPERTINO	CA		06/24/2016		470,551						2,743	2,743			
EB1786003297	LOS ALTOS	CA		10/07/2016		863,947						4,636	4,636			
EB1786003342	BURLINGAME	CA		06/24/2016		871,017						6,549	6,549			
EB1786003372	SAN CARLOS	CA		06/24/2016		1,571,100						11,915	11,915			
EB1786003544	BELMONT	CA		10/12/2016		929,778						5,291	5,291			
EB1786003545	CASTRO VALLEY	CA		10/12/2016		728,599						4,106	4,106			
EB1786003598	FOSTER CITY	CA		08/17/2016		898,084						5,167	5,167			
EB1786003610	SAN MATEO	CA		12/16/2016		1,046,224						6,140	6,140			
EB1786003623	SAN MATEO	CA		12/16/2016		1,209,870						7,073	7,073			
EB1786003657	SAN FRANCISCO	CA		08/17/2016		823,817						4,628	4,628			
EB1786003720	BELMONT	CA		12/16/2016		1,209,109						6,999	6,999			
EB1786003745	BELMONT	CA		12/16/2016		802,104						4,754	4,754			
EB1786003774	REDWOOD CITY	CA		12/16/2016		752,830						4,236	4,236			
EB1786003890	SAN MATEO	CA		12/16/2016		678,266						4,034	4,034			
EB1786003928	SAN FRANCISCO	CA		12/16/2016		634,002						3,430	3,430			
EB1786003969	SAN MATEO	CA		12/16/2016		963,805						5,300	5,300			
EB1786003970	SAN MATEO	CA		12/16/2016		900,332						4,830	4,830			
EB1786004118	SANTA CLARA	CA		12/16/2016		1,049,902						5,907	5,907			
EB1786004135	PALO ALTO	CA		12/16/2016		1,054,692						6,808	6,808			
EB1787002755	CASTRO VALLEY	CA		07/17/2015		579,612						3,390	3,390			
EB1787002756	SAN RAMON	CA		11/20/2015		524,562						3,991	3,991			
EB1787002772	NOVATO	CA		07/17/2015		589,172						3,383	3,383			
EB1787002798	SAN RAMON	CA		08/07/2015		701,361						4,011	4,011			
EB1787002827	CASTRO VALLEY	CA		08/07/2015		618,181						8,095	8,095			
EB1787002855	SAN JOSE	CA		08/07/2015		597,182						3,367	3,367			
EB1787003150	SAN RAMON	CA		03/24/2016		797,883						4,300	4,300			
EB1787003203	PLEASANTON	CA		03/24/2016		740,348						6,594	6,594			
EB1787003208	HAYWARD	CA		06/24/2016		461,511						2,407	2,407			
EB1787003214	WALNUT CREEK	CA		03/24/2016		768,608						4,212	4,212			
EB1787003319	MILPITAS	CA		12/16/2016		636,964						3,627	3,627			
EB1787003346	DANVILLE	CA		06/24/2016		386,394						2,175	2,175			
EB1787003434	UNION CITY	CA		10/12/2016		639,411						3,621	3,621			
EB1787003647	DANVILLE	CA		12/16/2016		878,798						4,945	4,945			
EB1787003800	DUBLIN	CA		12/16/2016		609,693						3,265	3,265			
EB1787003834	SAN BRUNO	CA		12/16/2016		1,082,037						7,427	7,427			
EB1787003868	DUBLIN	CA		12/16/2016		708,455						5,405	5,405			
EB1787003934	LIVERMORE	CA		12/16/2016		601,060						3,437	3,437			
EB1787003938	SAN JOSE	CA		12/16/2016		421,426						2,298	2,298			
EB1787003957	PLEASANTON	CA		12/16/2016		760,140						5,128	5,128			
EB1787003964	PLEASANTON	CA		12/16/2016		491,351						2,702	2,702			
EB1787003973	DUBLIN	CA		12/16/2016		585,953						3,392	3,392			
EB1787004002	PENNGROVE	CA		12/16/2016		652,308						3,758	3,758			
EB1787004061	FREMONT	CA		12/16/2016		711,213						5,146	5,146			
EB1787004076	ORINDA	CA		12/16/2016		1,085,368						6,136	6,136			
EB1787004136	DUBLIN	CA		12/16/2016		409,649						2,305	2,305			
EB1789002868	OAKLAND	CA		07/30/2015		575,612						4,300	4,300			
EB1789003029	REDWOOD CITY	CA		06/24/2016		694,889						3,955	3,955			
EB1789003354	LOS ALTOS	CA		03/24/2016		1,296,410						7,515	7,515			
EB1789003375	SAN FRANCISCO	CA		10/09/2015		409,005						2,379	2,379			
EB1789003401	MOUNTAIN VIEW	CA		09/25/2015		483,643						2,933	2,933			

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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)					
EB1789003454	APTOS	CA		06/24/2016		639,509						3,718	3,718			
EB1789003531	SUNNYVALE	CA		10/12/2016		579,328						3,303	3,303			
EB1789003549	SAN MATEO	CA		06/24/2016		900,439						6,342	6,342			
EB1789003567	REDWOOD CITY	CA		03/24/2016		624,742						3,669	3,669			
EB1789003570	DUBLIN	CA		09/25/2015		608,464						3,425	3,425			
EB1789003581	MOUNTAIN VIEW	CA		09/25/2015		518,177						3,052	3,052			
EB1789003621	MOUNTAIN VIEW	CA		03/24/2016		931,529						6,083	6,083			
EB1789003629	BELMONT	CA		11/20/2015		692,776						4,930	4,930			
EB1789003653	FREMONT	CA		07/17/2015		400,711						2,447	2,447			
EB1789003669	SAN RAMON	CA		07/17/2015		628,978						3,679	3,679			
EB1789003676	SANTA CLARA	CA		08/07/2015		483,426						3,284	3,284			
EB1789003695	MOUNTAIN VIEW	CA		11/20/2015		981,053						5,889	5,889			
EB1789003698	SUNNYVALE	CA		08/07/2015		782,477						4,558	4,558			
EB1789003711	SANTA CRUZ	CA		10/12/2016		621,492						3,610	3,610			
EB1789003722	SUNNYVALE	CA		07/17/2015		566,929						3,255	3,255			
EB1789003958	BURLINGAME	CA		06/24/2016		595,955						3,297	3,297			
EB1789003985	SAN CARLOS	CA		06/24/2016		627,525						3,462	3,462			
EB1789004148	BURLINGAME	CA		06/24/2016		803,964						4,367	4,367			
EB1789004236	SAN JOSE	CA		03/24/2016		866,497						4,913	4,913			
EB1789004288	CAMPBELL	CA		03/24/2016		564,551						3,027	3,027			
EB1789004300	SAN JOSE	CA		06/24/2016		659,636						3,797	3,797			
EB1789004328	DANVILLE	CA		12/16/2016		1,014,335						5,857	5,857			
EB1789004341	SUNNYVALE	CA		06/24/2016		873,426						5,732	5,732			
EB1789004375	HAYWARD	CA		10/12/2016		1,120,817						7,797	7,797			
EB1789004398	REDWOOD CITY	CA		06/24/2016		981,600						5,495	5,495			
EB1789004486	ALCOA	TN		08/19/2016		501,261						2,848	2,848			
EB1789004493	SUNNYVALE	CA		08/17/2016		1,093,780						6,293	6,293			
EB1789004502	SAN CARLOS	CA		10/12/2016		1,076,845						5,936	5,936			
EB1789004521	BURLINGAME	CA		08/17/2016		959,152						6,369	6,369			
EB1789004549	SAN JOSE	CA		08/17/2016		358,269						5,338	5,338			
EB1789004553	THE WOODLANDS	TX		12/16/2016		1,082,633						6,133	6,133			
EB1789004565	SAN JOSE	CA		08/17/2016		358,269						5,338	5,338			
EB1789004596	MOUNTAIN VIEW	CA		08/17/2016		669,150						3,672	3,672			
EB1789004848	SAN JOSE	CA		12/16/2016		820,044						4,725	4,725			
EB1789004888	SAN JOSE	CA		12/16/2016		933,190						9,854	9,854			
EB1789004889	REDWOOD CITY	CA		12/16/2016		281,771						1,617	1,617			
EB1789004890	BELMONT	CA		12/16/2016		1,052,674						5,768	5,768			
EB1789004944	SAN JOSE	CA		12/16/2016		603,538						3,718	3,718			
EB1789004950	SAN JOSE	CA		12/16/2016		547,362						3,094	3,094			
EB1789004967	SANTA CLARA	CA		12/16/2016		557,340						3,221	3,221			
EB1790002216	ALEXANDRIA	VA		09/25/2015		914,126						5,432	5,432			
EB1790002358	FALLS CHURCH	VA		11/20/2015		688,430						3,983	3,983			
EB1790002648	WASHINGTON	DC		06/24/2016		715,858						3,954	3,954			
EB1790002986	WASHINGTON	DC		10/12/2016		599,268						3,408	3,408			
EB1791002759	ROCKVILLE	MD		07/17/2015		583,747						4,346	4,346			
EB1791002764	POTOMAC	MD		07/17/2015		679,444						3,974	3,974			
EB1791002772	RESTON	VA		08/07/2015		1,045,359						7,340	7,340			
EB1791002786	MCLEAN	VA		08/07/2015		730,725						4,278	4,278			
EB1793000749	VOORHEESVILLE	NY		12/18/2015		518,254						11,201	11,201			
EB1793000950	VIENNA	VA		10/09/2015		1,057,130						6,203	6,203			
EB1793000960	ARLINGTON	VA		07/17/2015		727,963						4,179	4,179			
EB1793000975	KENSINGTON	MD		07/17/2015		819,367						4,817	4,817			
EB1793001367	WASHINGTON	DC		10/07/2016		973,713						5,516	5,516			
EB1793001391	POTOMAC	MD		08/19/2016		592,787						4,290	4,290			
EB1793001392	ARLINGTON	VA		08/19/2016		886,685						5,140	5,140			
EB1793001647	MCLEAN	VA		12/16/2016		611,229						3,612	3,612			
EB1793001664	DARLEN	CT		12/16/2016		595,254						3,446	3,446			
EB1794002440	SEVERN	MD		07/30/2015		457,954						3,062	3,062			
EB1794002606	ARLINGTON	VA		09/18/2015		860,237						7,601	7,601			
EB1794003329	NOKESVILLE	VA		12/18/2015		632,159						5,092	5,092			

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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)					
EB1794003388	ANNANDALE	VA		08/07/2015		544,733						5,840	5,840			
EB1794003466	ANNANDALE	VA		12/18/2015		475,664						2,961	2,961			
EB1794003540	WASHINGTON	DC		12/18/2015		733,690						6,005	6,005			
EB1794003584	ANNANDALE	VA		06/24/2016		500,489						2,860	2,860			
EB1794003597	FALLS CHURCH	VA		06/24/2016		963,047						5,231	5,231			
EB1794003753	NORTH POTOMAC	MD		06/24/2016		606,240						3,479	3,479			
EB1795000799	WESTFIELD	NJ		09/18/2015		562,875						3,276	3,276			
EB1795001038	STATEN ISLAND	NY		12/18/2015		491,886						2,668	2,668			
EB1795001161	WEST LONG BRANCH	NJ		11/20/2015		508,665						3,647	3,647			
EB1795001225	UPPER MONTCLAIR	NJ		07/17/2015		405,096						2,387	2,387			
EB1795001267	GLEN RIDGE	NJ		11/20/2015		632,285						3,668	3,668			
EB1795001327	MENDHAM	NJ		12/18/2015		429,328						2,396	2,396			
EB1795001484	OCEANPORT	NJ		12/18/2015		461,360						3,472	3,472			
EB1795001933	ROCKAWAY	NJ		12/16/2016		653,230						3,584	3,584			
EB1994000187	LAFAYETTE HILL	PA		09/18/2015		653,662						3,804	3,804			
FR121181213	ESSEX FIELDS	NJ		09/23/2016		651,754						3,740	3,740			
FR125660147	BOSTON	MA		09/23/2016		531,718						3,036	3,036			
FR125686555	SAN RAFAEL	CA		09/09/2016		944,323						5,346	5,346			
FR125687686	PALO ALTO	CA		10/07/2016		1,069,778						6,144	6,144			
FR125689476	DANVILLE	CA		10/07/2016		422,391						2,339	2,339			
FR125689609	LARCHMONT	NY		09/09/2016		893,042						5,129	5,129			
FR125690276	BURLINGAME	CA		10/07/2016		699,966						3,995	3,995			
FR125690953	LEXINGTON	MA		09/09/2016		558,981						3,205	3,205			
FR125692355	ORINDA	CA		10/07/2016		1,020,664						5,825	5,825			
FR125692496	SAN FRANCISCO	CA		10/07/2016		911,457						5,202	5,202			
FR125692728	SAN DIEGO	CA		10/07/2016		624,190						3,579	3,579			
FR125692959	LAFAYETTE	CA		09/09/2016		929,940						5,357	5,357			
FR125693304	HINGHAM	MA		11/04/2016		811,376						4,635	4,635			
FR125693379	SAN FRANCISCO	CA		09/09/2016		833,457						4,781	4,781			
FR125693742	ALAMO	CA		09/23/2016		770,778						4,376	4,376			
FR125694955	WELLESLEY	MA		09/23/2016		1,179,524						6,697	6,697			
FR125695028	KENSINGTON	CA		09/23/2016		980,315						5,652	5,652			
FR125695481	HILLSBOROUGH	CA		10/07/2016		633,490						3,617	3,617			
FR125695861	CORTE MADERA	CA		09/23/2016		1,047,622						6,010	6,010			
FR125696794	SAN FRANCISCO	CA		10/07/2016		879,860						5,049	5,049			
FR125696927	MOUNTAIN VIEW	CA		10/07/2016		834,884						4,768	4,768			
FR125697404	SAN FRANCISCO	CA		11/04/2016		643,641						3,676	3,676			
FR125697446	WELLESLEY	MA		10/07/2016		699,294						3,995	3,995			
FR125697743	SAN DIEGO	CA		10/07/2016		891,311						5,090	5,090			
FR125697792	SHERMAN OAKS	CA		09/23/2016		982,460						5,637	5,637			
FR125698089	SAN MATEO	CA		09/23/2016		926,471						5,318	5,318			
FR125698386	ALISO VIEJO	CA		10/07/2016		551,252						3,148	3,148			
FR125698675	WELLESLEY	MA		10/07/2016		643,350						3,676	3,676			
FR125698956	BURLINGAME	CA		11/18/2016		834,686						4,768	4,768			
FR125699020	GARDEN CITY	NY		09/23/2016		699,572						3,995	3,995			
FR125699384	SAN RAMON	CA		12/02/2016		819,134						4,601	4,601			
FR125699483	NOVATO	CA		11/04/2016		603,648						3,452	3,452			
FR125699954	DANA POINT MONARCH B	CA		10/07/2016		636,451						3,636	3,636			
FR125700224	WELLESLEY	MA		10/07/2016		559,018						3,209	3,209			
FR125700737	SAN FRANCISCO	CA		11/18/2016		1,095,130						6,145	6,145			
FR125701107	LOS ANGELES	CA		10/07/2016		911,558						5,208	5,208			
FR125701305	BOSTON	MA		10/07/2016		1,046,782						6,755	6,755			
FR125702451	SAN FRANCISCO	CA		10/07/2016		699,456						3,995	3,995			
FR125704689	SAN DIEGO	CA		10/21/2016		680,589						3,927	3,927			
FR125704804	WALNUT CREEK	CA		12/02/2016		618,591						3,591	3,591			
FR125704960	SAN FRANCISCO	CA		11/18/2016		890,790						5,010	5,010			
FR125704978	SAN FRANCISCO	CA		09/23/2016		572,377						8,478	8,478			
FR125705470	DANA POINT	CA		11/18/2016		591,861						14,258	14,258			
FR125705868	MENLO PARK	CA		10/07/2016		1,026,929						5,818	5,818			
FR125706197	SHERMAN OAKS	CA		10/21/2016		831,169						4,733	4,733			

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SCHEDULE B - PART 3

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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)					
FR125706494	MORAGA	CA		10/07/2016		726,371						4,167	4,167			
FR125708235	MORAGA	CA		10/21/2016		745,965						4,262	4,262			
FR125708359	LEXINGTON	MA		12/02/2016		789,487						4,488	4,488			
FR125709076	SONOMA	CA		11/18/2016		718,169						3,919	3,919			
FR125709688	PASADENA	CA		11/18/2016		664,646						3,572	3,572			
FR125712625	MILL VALLEY	CA		10/21/2016		859,875						9,542	9,542			
FR125713748	LOS ANGELES	CA		11/04/2016		649,640						3,613	3,613			
FR125713839	SAN FRANCISCO	CA		10/21/2016		517,562						5,123	5,123			
FR125716451	PLEASANTON	CA		11/04/2016		560,299						3,187	3,187			
FR125716923	NEWTON	MA		11/18/2016		771,284						4,364	4,364			
FR125717244	LOS ANGELES VEN	CA		11/04/2016		939,333						5,354	5,354			
FR125717814	NEWTON	MA		10/21/2016		664,137						3,785	3,785			
FR125718499	LAKE ARROWHEAD	CA		12/02/2016		562,452						3,166	3,166			
FR125718614	LA JOLLA	CA		12/02/2016		1,157,639						6,529	6,529			
FR125718697	SANTA MONICA	CA		12/22/2016		886,485						5,004	5,004			
FR125718747	SAN JOSE	CA		12/02/2016		1,025,022						5,898	5,898			
FR125718754	SAN JOSE	CA		10/21/2016		1,144,004						6,572	6,572			
FR125719067	SAUSALITO	CA		11/04/2016		746,625						4,231	4,231			
FR125719265	LOS ANGELES	CA		11/04/2016		797,298						4,304	4,304			
FR125719471	BURLINGAME	CA		11/18/2016		770,894						4,351	4,351			
FR125720016	NEEDHAM	MA		11/18/2016		912,210						5,142	5,142			
FR125722053	DANVILLE	CA		11/04/2016		610,874						3,462	3,462			
FR125722392	NAPA	CA		11/04/2016		968,002						10,420	10,420			
FR125722418	HALEIWA	HI		12/02/2016		1,201,416						6,757	6,757			
FR125725346	SAN FRANCISCO	CA		11/18/2016		747,620						4,219	4,219			
FR125727805	TIBURON	CA		11/04/2016		1,743,093						9,880	9,880			
FR125727854	NEEDHAM	MA		11/04/2016		434,223						8,118	8,118			
FR125750369	WESTON	MA		11/18/2016		1,484,287						8,306	8,306			
FR125751169	BOSTON	MA		11/18/2016		1,092,277						21,461	21,461			
FR125755467	BURLINGAME	CA		11/18/2016		875,376						4,947	4,947			
FR125755640	LOS ANGELES	CA		11/18/2016		934,851						5,274	5,274			
FR125757133	PIEDMONT	CA		11/18/2016		1,187,158						6,730	6,730			
FR125758883	ORINDA	CA		11/04/2016		1,223,936						6,992	6,992			
FR125758941	MORAGA	CA		12/02/2016		911,676						5,164	5,164			
FR125760210	VALLEY VILLAGE	CA		11/18/2016		841,169						4,747	4,747			
FR125762810	MILL VALLEY	CA		11/04/2016		966,917						5,499	5,499			
FR125763826	BOSTON	MA		11/04/2016		635,650						3,586	3,586			
FR125765219	WELLESLEY	MA		12/22/2016		646,264						3,731	3,731			
FR125765375	SAN FRANCISCO	CA		12/02/2016		683,564						3,839	3,839			
FR125767272	BROOKLINE	MA		12/02/2016		509,172						2,859	2,859			
FR125767314	LEXINGTON	MA		12/02/2016		623,882						3,504	3,504			
FR125768064	SAN FRANCISCO	CA		12/02/2016		638,630						7,119	7,119			
FR125768221	WINCHESTER	MA		12/02/2016		700,944						3,955	3,955			
FR125768239	BOSTON	MA		12/02/2016		575,482						3,247	3,247			
FR125768619	LA CANADA FLINT	CA		12/02/2016		887,862						5,010	5,010			
FR125768932	POUND RIDGE	NY		12/22/2016		659,043						3,706	3,706			
FR125769161	EL CERRITO	CA		12/02/2016		643,145						3,654	3,654			
FR125769815	SAN FRANCISCO	CA		12/02/2016		828,926						4,654	4,654			
FR125769872	LOS ALTOS	CA		12/02/2016		756,429						4,203	4,203			
FR125770821	SAN MATEO	CA		12/02/2016		1,146,068						6,374	6,374			
FR125771639	SAN FRANCISCO	CA		12/02/2016		864,411						4,913	4,913			
FR125772785	CORTE MADERA	CA		12/22/2016		1,240,001						7,046	7,046			
FR125772843	SAN FRANCISCO	CA		12/02/2016		990,879						5,630	5,630			
FR125773668	BOSTON	MA		12/02/2016		786,454						4,449	4,449			
FR125774310	SAN FRANCISCO	CA		12/02/2016		732,644						4,176	4,176			
FR125775150	CAMBRIDGE	MA		12/22/2016		1,701,485						14,367	14,367			
FR125776182	OAKLAND	CA		12/22/2016		625,683						3,495	3,495			
FR125778337	SAN RAFAEL	CA		12/22/2016		1,165,240						6,547	6,547			
FR125778618	MELROSE	MA		12/22/2016		485,453						24,618	24,618			
FR125783303	SAN MATEO	CA		12/22/2016		795,452						4,342	4,342			

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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)					
FR125785795	LAFAYETTE	CA		12/22/2016		749,393						9,221	9,221			
FR125789136	SAN FRANCISCO	CA		12/22/2016		1,289,410						7,236	7,236			
FR125796289	LOS ANGELES	CA		01/20/2017		609,864						3,314	3,314			
FR125799077	CAMBRIDGE	MA		12/22/2016		636,450						3,468	3,468			
FR125806799	SAN FRANCISCO	CA		12/22/2016		1,201,758						6,352	6,352			
FR125819057	REDWOOD CITY	CA		02/17/2017		648,319						12,268	12,268			
FR125835566	LOS ANGELES	CA		06/08/2017		853,910						13,761	13,761			
FR125875240	SAN FRANCISCO	CA		06/08/2017		739,959						3,722	3,722			
FR125941489	BERKELEY	CA		09/15/2017		849,276						4,374	4,374			
FR225706346	WATER MILL	NY		10/21/2016		1,864,943						10,656	10,656			
PH5041132977	SAN BEL	FL		05/08/2015		1,218,388						7,184	7,184			
PH7118493545	SAN JOSE	CA		09/12/2014		401,658						2,253	2,253			
PH7118500128	MORGAN HILL	CA		08/28/2014		613,303						5,376	5,376			
PH7118585004	HARVARD	MA		10/10/2014		481,145						2,741	2,741			
PH7118593339	GROTON	MA		12/29/2014		455,827						2,606	2,606			
PH7118595441	ACTON	MA		12/29/2014		421,875						2,436	2,436			
PH7118596668	BLAINE	MINN		01/29/2015		764,205						4,562	4,562			
PH7118674535	SAN FRANCISCO	CA		01/16/2015		610,437						3,676	3,676			
PH7118677595	MINNETONKA	MINN		02/26/2015		572,043						5,366	5,366			
PH7118682280	MINNEAPOLIS	MINN		04/24/2015		881,687						5,016	5,016			
PH7118770002	LIVERMORE	CA		06/19/2015		425,987						2,646	2,646			
PH7118778682	LAFAYETTE	CA		07/24/2015		910,170						4,986	4,986			
PH7118858740	DOWNERS GROVE	IL		07/24/2015		411,213						2,302	2,302			
PH7118864581	HALF MOON BAY	CA		08/07/2015		798,497						4,267	4,267			
PH7118865497	MORAGA	CA		09/18/2015		1,047,127						5,489	5,489			
PH7118865950	SAN MATEO	CA		08/21/2015		934,697						4,900	4,900			
PH7118866214	GILROY	CA		09/18/2015		635,756						3,333	3,333			
PH7118927438	BELMONT	CA		08/01/2014		730,492						4,609	4,609			
PH7118930622	SAN FRANCISCO	CA		08/15/2014		811,720						4,656	4,656			
PH7118931331	FAIRFAX	VA		09/26/2014		520,613						3,051	3,051			
PH7118932958	MORGAN HILL	CA		08/28/2014		532,094						9,293	9,293			
PH7118953657	POTOMAC	MD		01/28/2016		953,294						5,086	5,086			
PH7118959878	MENLO PARK	CA		12/11/2015		1,272,282						15,350	15,350			
PH7119015258	NORTHBOROUGH	MA		10/24/2014		372,376						6,608	6,608			
PH7119108293	LAKE BLUFF	IL		01/29/2015		711,201						4,117	4,117			
PH7119108798	SCITUATE	MA		12/29/2014		474,127						2,744	2,744			
PH7119108947	MAPLETON	UT		01/16/2015		549,478						3,372	3,372			
PH7119111347	CALABASAS	CA		03/13/2015		582,583						144,837	144,837			
PH7119117104	PRINCETON	MA		05/08/2015		680,037						4,626	4,626			
PH7119119142	BEDFORD	NH		04/10/2015		538,543						3,125	3,125			
PH7119119472	LOS GATOS	CA		04/24/2015		939,041						5,319	5,319			
PH7119120272	MONTE SERENO	CA		05/08/2015		1,063,476						9,203	9,203			
PH7119120488	SAN BRUNO	CA		03/27/2015		622,900						5,977	5,977			
PH7119123763	SAN JOSE	CA		05/22/2015		561,239						3,348	3,348			
PH7119129091	SAN FRANCISCO	CA		05/22/2015		623,505						3,640	3,640			
PH7119133564	LA JOLLA	CA		09/18/2015		505,057						9,585	9,585			
PH7119213721	FALLS CHURCH	VA		08/21/2015		781,121						4,274	4,274			
PH7119217458	PASADENA	CA		07/24/2015		882,604						7,158	7,158			
PH7119218225	MOUNTAIN VIEW	CA		08/21/2015		737,234						4,048	4,048			
PH7119296940	DOWNERS GROVE	IL		08/21/2015		410,862						2,435	2,435			
PH7119300320	HIGHLAND	UT		10/29/2015		530,323						2,860	2,860			
PH7119305063	ANNAPOLIS	MD		12/11/2015		709,716						3,729	3,729			
PH7129144932	CERRITOS	CA		11/21/2014		650,037						9,950	9,950			
PH7130350924	NATICK	MA		08/01/2014		485,328						2,755	2,755			
PH7130881704	FLOWER MOUND	TX		08/01/2014		465,445						2,653	2,653			
PH7130919397	SUMMIT	NJ		08/28/2014		637,506						3,699	3,699			
PH7131120482	SUBURBY	MA		08/28/2014		604,720						3,889	3,889			
PH7131164449	WESTFIELD	NJ		07/24/2015		657,595						3,840	3,840			
PH7131166543	COHASSET	MA		09/12/2014		671,868						4,107	4,107			
PH7131263332	CLARKSVILLE	MD		08/01/2014		483,042						2,990	2,990			

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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)					
PH7 131264066	HOUSTON	TX		08/01/2014		492,845						3,972	3,972			
PH7 131272168	SHREWSBURY	MA		10/24/2014		550,080						4,734	4,734			
PH7 131356037	SIERRA MADRE	CA		09/12/2014		627,767						3,635	3,635			
PH7 131390259	SEVERNA PARK	MD		08/15/2014		553,763						3,330	3,330			
PH7 131399508	LANTANA	FL		08/15/2014		340,194						23,948	23,948			
PH7 131399961	STOW	MA		08/15/2014		533,052						3,140	3,140			
PH7 131431731	SOUTHLAKE	TX		09/12/2014		629,016						3,683	3,683			
PH7 131433901	WEXFORD	PA		08/28/2014		495,930						3,023	3,023			
PH7 131436474	SAN DIEGO	CA		09/12/2014		508,538						3,999	3,999			
PH7 131438264	PALMETTO BAY	FL		08/28/2014		481,054						2,860	2,860			
PH7 131534724	OAKDALE	CA		08/15/2014		413,266						2,923	2,923			
PH7 131573060	KERNERSVILLE	NC		08/28/2014		449,674						2,652	2,652			
PH7 131574175	WESLEY CHAPEL	FL		09/26/2014		452,147						2,617	2,617			
PH7 131574340	LARCHMONT	NY		09/26/2014		652,234						3,757	3,757			
PH7 131590437	MARVIN	NC		09/12/2014		497,651						2,926	2,926			
PH7 131592391	WOODINVILLE	WA		09/12/2014		527,496						3,075	3,075			
PH7 131648391	NEEDHAM	MA		09/26/2014		457,756						2,608	2,608			
PH7 131649415	OLD BROOKVILLE	NY		09/26/2014		941,368						5,451	5,451			
PH7 131649621	DALLAS	TX		08/28/2014		444,036						4,991	4,991			
PH7 131649795	DOWNTOWN	PA		10/10/2014		608,831						3,513	3,513			
PH7 131689379	CARY	NC		08/28/2014		407,649						3,548	3,548			
PH7 131731312	PARK CITY	UT		09/26/2014		577,177						3,345	3,345			
PH7 131736733	MAHIAH	NJ		06/19/2015		635,852						4,285	4,285			
PH7 131845898	SAN JOSE	CA		10/24/2014		440,080						2,472	2,472			
PH7 131846680	EVERGREEN	CO		09/26/2014		636,199						3,628	3,628			
PH7 131884665	PHILADELPHIA	PA		10/10/2014		431,057						2,499	2,499			
PH7 131887809	LITTLE SILVER	NJ		10/24/2014		872,389						4,992	4,992			
PH7 131892015	MIDLAND	TX		11/07/2014		489,641						2,922	2,922			
PH7 131926664	SAN JOSE	CA		12/12/2014		456,848						2,564	2,564			
PH7 131930617	SALEM	NH		10/10/2014		402,503						3,219	3,219			
PH7 131930971	PHILADELPHIA	PA		10/24/2014		412,522						2,376	2,376			
PH7 131984614	WESTBOROUGH	MA		10/24/2014		507,109						3,150	3,150			
PH7 132211116	DENVER	CO		06/19/2015		439,760						2,517	2,517			
PH7 132237574	WESTFORD	MA		10/24/2014		475,487						3,961	3,961			
PH7 132279568	SOUTHLAKE	TX		11/07/2014		1,012,827						6,100	6,100			
PH7 132314662	COLLEVILLE	TX		11/07/2014		477,612						3,246	3,246			
PH7 132320412	ARLINGTON	VA		11/07/2014		688,815						4,320	4,320			
PH7 132365243	WESTFIELD	NJ		08/21/2015		956,306						5,449	5,449			
PH7 132397063	ISSAQUAH	WA		11/21/2014		570,747						4,972	4,972			
PH7 132398855	SOUTHURY	CT		12/29/2014		399,919						2,358	2,358			
PH7 132439873	PITTSBURGH	PA		12/29/2014		436,506						3,477	3,477			
PH7 132441713	RYE BROOK	NY		12/12/2014		726,958						4,141	4,141			
PH7 132479192	BETHESDA	MD		01/16/2015		924,647						6,848	6,848			
PH7 132480190	MADISON	NJ		01/16/2015		729,390						4,222	4,222			
PH7 132481578	SCARSDALE	NY		01/29/2015		843,266						4,891	4,891			
PH7 132483319	KELLER	TX		01/16/2015		805,595						4,476	4,476			
PH7 132517579	SEATTLE	WA		12/29/2014		572,703						3,233	3,233			
PH7 132522348	WESTFIELD	NJ		12/29/2014		647,119						4,117	4,117			
PH7 132525655	MADISON	NJ		05/22/2015		596,675						3,471	3,471			
PH7 132597407	AGOURA HILLS	CA		12/29/2014		544,147						6,145	6,145			
PH7 132658050	WEXFORD	PA		01/16/2015		415,232						4,394	4,394			
PH7 132659025	MUNDELEIN	IL		01/29/2015		448,411						2,704	2,704			
PH7 132693893	GAITHERSBURG	MD		02/13/2015		478,777						2,736	2,736			
PH7 132695144	DALLAS	TX		01/16/2015		413,151						2,440	2,440			
PH7 132697819	GILBERT	AZ		01/16/2015		425,854						2,515	2,515			
PH7 132698379	PHILADELPHIA	PA		01/16/2015		386,619						2,657	2,657			
PH7 132732681	BEDFORD	NY		01/29/2015		503,869						2,934	2,934			
PH7 132735106	CONROE	TX		03/13/2015		419,670						2,496	2,496			
PH7 132735130	WASHINGTON	DC		01/16/2015		657,775						3,852	3,852			
PH7 132773750	SAN JOSE	CA		01/16/2015		527,179						2,981	2,981			

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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)					
PH7 13283976	PELHAM	NY		02/13/2015		608,661						3,469	3,469			
PH7 132834222	SPRING	TX		02/13/2015		444,758						2,707	2,707			
PH7 132846259	NAPERVILLE	IL		04/10/2015		478,853						2,788	2,788			
PH7 132935227	CAMAS	WA		03/27/2015		435,190						2,480	2,480			
PH7 132967345	WESTFIELD	NJ		03/27/2015		593,360						3,525	3,525			
PH7 132968541	COLUMBUS	OH		02/26/2015		430,994						2,802	2,802			
PH7 132976726	GLENSIDE	PA		05/08/2015		658,912						3,783	3,783			
PH7 133008628	SCOTCH PLAINS	NJ		04/10/2015		397,802						26,414	26,414			
PH7 133026380	QUEEN CREEK	AZ		02/26/2015		410,908						2,408	2,408			
PH7 133027941	SHREWSBURY	MA		06/05/2015		412,057						3,882	3,882			
PH7 133029764	ATLANTIC HIGHLANDS	NJ		08/07/2015		413,553						2,537	2,537			
PH7 133070008	DALLAS	TX		03/27/2015		438,253						2,505	2,505			
PH7 133124458	SOUTH LYON	MI		04/24/2015		506,238						3,223	3,223			
PH7 133126412	MCKINNEY	TX		04/10/2015		448,183						2,828	2,828			
PH7 133128608	NATICK	MA		05/08/2015		508,785						2,970	2,970			
PH7 133166889	MONTVILLE	NJ		07/24/2015		710,203						4,079	4,079			
PH7 133170196	UPTON	MA		04/24/2015		425,398						2,637	2,637			
PH7 133196597	VILLA PARK	CA		06/19/2015		496,601						2,954	2,954			
PH7 133197967	MAPLEWOOD	NJ		05/22/2015		534,711						4,476	4,476			
PH7 133201017	CORONA	CA		09/18/2015		547,915						3,100	3,100			
PH7 133232087	BRYN MAWR	PA		06/19/2015		259,741						11,839	11,839			
PH7 133299334	MERCER ISLAND	WA		04/24/2015		964,385						5,780	5,780			
PH7 133299482	HOLLIS HILLS	NY		05/22/2015		764,617						4,468	4,468			
PH7 133300769	FRISCO	TX		09/18/2015		487,784						2,701	2,701			
PH7 133300991	NICEVILLE	FL		07/24/2015		432,712						2,580	2,580			
PH7 133303037	NAPERVILLE	IL		08/21/2015		444,837						2,542	2,542			
PH7 133305354	SEATTLE	WA		05/08/2015		790,959						4,785	4,785			
PH7 133305800	SCOTTSDALE	AZ		04/24/2015		480,050						2,872	2,872			
PH7 133338314	SAN DIEGO	CA		10/29/2015		822,472						4,773	4,773			
PH7 133338546	MANCHESTER	MA		08/07/2015		570,469						3,414	3,414			
PH7 133340690	AUSTIN	TX		06/05/2015		699,886						4,077	4,077			
PH7 133340716	TUCSON	AZ		04/24/2015		419,465						2,563	2,563			
PH7 133341524	OAKDALE	CA		05/22/2015		484,695						2,813	2,813			
PH7 133343231	WOODINVILLE	WA		04/24/2015		538,391						3,124	3,124			
PH7 133365523	PONTE VEDRA BEACH	FL		05/22/2015		565,533						3,322	3,322			
PH7 133367032	TUCSON	AZ		06/05/2015		452,842						2,615	2,615			
PH7 133421086	HOUSTON	TX		06/05/2015		837,966						4,900	4,900			
PH7 133423496	WALL TOWNSHIP	NJ		07/24/2015		684,627						3,902	3,902			
PH7 133425574	SUMMIT	NJ		05/22/2015		846,632						4,854	4,854			
PH7 133461942	CRANBURY	NJ		02/12/2016		635,936						3,377	3,377			
PH7 133467899	BELLAIRE	TX		05/22/2015		685,193						3,949	3,949			
PH7 133508072	SAN DIEGO	CA		07/10/2015		441,689						2,489	2,489			
PH7 133512777	DAVIS	CA		07/10/2015		500,731						2,929	2,929			
PH7 133513403	SAN DIEGO	CA		08/07/2015		554,201						3,064	3,064			
PH7 133513825	LOS ALAMITOS	CA		10/29/2015		642,918						3,548	3,548			
PH7 133548417	CARY	NC		06/19/2015		384,385						2,293	2,293			
PH7 133549670	MONTCLAIR	NJ		06/19/2015		463,473						2,688	2,688			
PH7 133701008	CHAGRIN FALLS	OH		07/10/2015		434,260						3,054	3,054			
PH7 133701495	ACTON	MA		09/18/2015		622,569						3,416	3,416			
PH7 133704077	NAPLES	FL		01/15/2016		602,050						3,388	3,388			
PH7 133705280	SYOSSET	NY		10/16/2015		589,856						4,866	4,866			
PH7 133739461	MILLBRAE	CA		07/10/2015		1,081,664						21,977	21,977			
PH7 133740048	CHANDLER	AZ		06/19/2015		431,969						9,340	9,340			
PH7 133740170	GLEN ROCK	NJ		07/24/2015		614,581						3,536	3,536			
PH7 133741137	MEDFORD	NJ		08/21/2015		432,488						2,415	2,415			
PH7 133780184	MOORESTOWN	NJ		08/21/2015		447,805						2,580	2,580			
PH7 133784905	FORT WORTH	TX		06/19/2015		381,708						2,749	2,749			
PH7 133785928	WESTFIELD	NJ		08/21/2015		496,947						2,788	2,788			
PH7 133788401	SPRING	TX		06/05/2015		593,259						3,402	3,402			
PH7 133822424	LA MESA	CA		07/24/2015		636,998						3,707	3,707			

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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)					
PH7 133823513	SOUTH LAKE	TX		06/05/2015		442,330						10,043	10,043			
PH7 133827027	PORTSMOUTH	RI		07/24/2015		421,364						2,379	2,379			
PH7 133827191	MANHASSET	NY		08/07/2015		745,113						4,605	4,605			
PH7 133827720	COLLEVILLE	TX		07/10/2015		440,955						2,567	2,567			
PH7 133829791	FLOWER MOUND	TX		07/10/2015		413,937						2,395	2,395			
PH7 133864327	NEWCASTLE	WA		07/10/2015		619,684						3,677	3,677			
PH7 133864400	INDIAN LAND	SC		07/10/2015		384,586						3,092	3,092			
PH7 133866298	WYNEWOOD	PA		07/24/2015		603,264						3,492	3,492			
PH7 133871447	NORTH CALDWELL	NJ		08/07/2015		498,736						2,751	2,751			
PH7 133904875	BELMONT	MA		09/18/2015		601,061						3,384	3,384			
PH7 133925177	WESTFIELD	NJ		08/21/2015		442,094						2,468	2,468			
PH7 134018154	CERRITOS	CA		07/24/2015		731,907						4,781	4,781			
PH7 134019533	HOLMDEL	NJ		09/18/2015		731,323						4,085	4,085			
PH7 134020176	TROPHY CLUB	TX		07/24/2015		451,707						2,559	2,559			
PH7 134022768	SWITHTOWN	NY		09/18/2015		571,119						3,258	3,258			
PH7 134062202	WESTFIELD	NJ		07/24/2015		488,327						2,817	2,817			
PH7 134062590	FAIRFIELD	CA		08/21/2015		549,506						3,093	3,093			
PH7 134065601	DAVIE	FL		08/21/2015		662,380						3,713	3,713			
PH7 134066039	MOUNT LAUREL	NJ		09/18/2015		387,364						3,316	3,316			
PH7 134069736	MENDHAM	NJ		08/21/2015		596,691						3,663	3,663			
PH7 134102461	WESTFIELD	NJ		08/21/2015		810,369						4,459	4,459			
PH7 134103667	PRINCETON	NJ		10/16/2015		880,884						4,850	4,850			
PH7 134104392	AVON	CO		08/07/2015		601,380						3,280	3,280			
PH7 134106454	LARCHMONT	NY		09/18/2015		589,071						3,489	3,489			
PH7 134107569	WEST CHESTER	PA		09/18/2015		433,915						2,437	2,437			
PH7 134142632	LAKE BLUFF	IL		10/16/2015		490,811						2,745	2,745			
PH7 134162812	REDMOND	WA		08/21/2015		549,850						3,093	3,093			
PH7 134163687	RYE BROOK	NY		09/18/2015		825,845						4,605	4,605			
PH7 134198154	REDMOND	WA		08/21/2015		616,343						3,455	3,455			
PH7 134198915	WESTON	FL		09/18/2015		437,038						2,800	2,800			
PH7 134219836	TENAFLY	NJ		09/18/2015		770,582						4,238	4,238			
PH7 134221402	SUMMIT	NJ		09/29/2015		1,218,970						6,832	6,832			
PH7 134254395	WESTMINSTER	CO		12/11/2015		463,224						2,454	2,454			
PH7 134271498	WINTER GARDEN	FL		09/18/2015		424,116						2,488	2,488			
PH7 134271704	WESTFIELD	NJ		09/18/2015		556,940						3,564	3,564			
PH7 134272678	PARAMUS	NJ		09/18/2015		678,085						3,770	3,770			
PH7 134275929	FREMONT	CA		10/29/2015		504,698						2,686	2,686			
PH7 134310114	SAN RAMON	CA		10/16/2015		696,752						3,730	3,730			
PH7 134348098	MOUNTAIN BRK	AL		09/18/2015		411,212						2,352	2,352			
PH7 134457824	TUCSON	AZ		09/18/2015		396,654						2,865	2,865			
PH7 134457956	RALEIGH	NC		09/18/2015		538,518						2,982	2,982			
PH7 134461867	SAINT CHARLES	IL		09/18/2015		424,391						2,373	2,373			
PH7 134462972	FEDERAL WAY	WA		09/18/2015		528,494						4,302	4,302			
PH7 134522817	ANDOVER	MA		02/12/2016		358,477						4,551	4,551			
PH7 134674477	STAMFORD	CT		11/13/2015		819,893						4,794	4,794			
PH7 134676084	COMMACK	NY		11/13/2015		485,997						2,688	2,688			
PH7 134676589	CENTENNIAL	CO		09/29/2015		571,494						3,115	3,115			
PH7 134678882	PRINCETON	NJ		12/11/2015		511,698						3,131	3,131			
PH7 134682256	MAPLEWOOD	NJ		11/13/2015		441,751						2,331	2,331			
PH7 134714778	TUCSON	AZ		10/16/2015		486,552						3,745	3,745			
PH7 134718399	BERWYN	PA		10/16/2015		644,719						3,673	3,673			
PH7 134723019	WESTPORT	CT		12/23/2015		818,657						4,725	4,725			
PH7 134723191	HOWELL	MI		12/11/2015		448,009						3,236	3,236			
PH7 134723431	PARKER	CO		10/29/2015		436,627						2,427	2,427			
PH7 134796304	ALEXANDRIA	VA		12/11/2015		573,464						3,105	3,105			
PH7 134797963	HIGHLANDS RANCH	CO		10/29/2015		408,370						2,319	2,319			
PH7 134800122	WESTFIELD	NJ		12/11/2015		496,849						2,741	2,741			
PH7 134840003	TAMPA	FL		10/29/2015		416,959						4,195	4,195			
PH7 134842876	ARLINGTON	VA		11/13/2015		523,038						3,332	3,332			
PH7 134844278	HALF MOON BAY	CA		01/28/2016		444,216						22,423	22,423			

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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)					
PH7 134891295	MCKINNEY	TX		10/16/2015		408,983						7,370	7,370			
PH7 134949747	DENVER	CO		12/11/2015		443,663						2,888	2,888			
PH7 134951453	WOODCLIFF LAKE	NJ		12/11/2015		592,595						3,199	3,199			
PH7 134953244	MALVERN	PA		12/11/2015		499,475						2,790	2,790			
PH7 135019193	ARLINGTON	VA		01/15/2016		878,539						4,950	4,950			
PH7 135056070	TRAFFORD	PA		04/22/2016		522,163						3,940	3,940			
PH7 135074651	HOCKLEY	TX		03/25/2016		416,081						4,883	4,883			
PH7 135132293	TUCSON	AZ		01/15/2016		705,988						4,041	4,041			
PH7 135211105	PLEASANTON	CA		12/11/2015		707,990						4,094	4,094			
PH7 135240666	NAPLES	FL		03/11/2016		454,516						2,567	2,567			
PH7 135281728	MOUNT PLEASANT	SC		12/23/2015		443,876						2,470	2,470			
PH7 135288749	NEEDHAM	MA		12/23/2015		757,521						4,528	4,528			
PH7 135338270	PLANDOME	NY		12/11/2015		928,719						5,151	5,151			
PH7 135338999	SCOTTSDALE	AZ		01/15/2016		574,916						3,161	3,161			
PH7 135353089	AURORA	CO		03/25/2016		476,762						2,559	2,559			
PH7 135362676	FLEMINGTON	NJ		04/08/2016		596,788						4,761	4,761			
PH7 135395585	FAIR HAVEN	NJ		04/08/2016		764,670						10,656	10,656			
PH7 135399710	SUMMIT	NJ		01/15/2016		671,082						3,801	3,801			
PH7 135406904	CARLSBAD	CA		01/15/2016		886,130						5,081	5,081			
PH7 135532245	CLAREMONT	CA		02/12/2016		624,063						3,313	3,313			
PH7 135549470	GREENWOOD VILLAGE	CO		01/28/2016		705,290						3,803	3,803			
PH7 135556475	RIPON	CA		01/28/2016		583,993						5,519	5,519			
PH7 135941057	NEEDHAM	MA		02/12/2016		627,254						4,760	4,760			
PH7 136100851	CAMBRIA	CA		04/08/2016		617,575						3,210	3,210			
PH7 136104622	TUCSON	AZ		02/12/2016		553,666						3,426	3,426			
PH7 136358939	BOCA RATON	FL		03/25/2016		536,630						2,814	2,814			
PH7 136393464	ENGLEWOOD	CO		03/25/2016		613,465						3,354	3,354			
PH7 136743734	LIVERMORE	CA		04/22/2016		681,211						3,896	3,896			
PH7 136885105	MOORESTOWN	NJ		04/08/2016		466,974						2,672	2,672			
0299999. Mortgages with partial repayments						8,608,809,563						57,021,062	57,021,062			
0599999 - Totals						8,948,413,302		(211,448)			(211,448)	396,035,702	396,424,978		11,628	11,628

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STATEMENT AS OF MARCH 31, 2020 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	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									
88873*-10-9	TIAA Global Public Investments, LLC	Wilmington	DE	TIAA		01/31/2009			54,060,487			100.000
1699999	Joint Venture Interests - Fixed Income - NAIC Designation Assigned by the SVO - Affiliated								54,060,487			XXX
000000-00-0	TIAA Diversified Public Investments LLC	Wilmington	DE	TIAA		07/16/2015			34,915			100.000
1899999	Joint Venture Interests - Fixed Income - NAIC Designation Not Assigned by the SVO - Affiliated								34,915			XXX
000000-00-0	8A HP SCF Investor, LP	Wilmington	DE	Harvest Partners Structured Capital Fund, L.P.		01/08/2020	3	14,470,000				5.059
000000-00-0	ACP Charger Co-Invest, LLC	Wilmington	DE	ACP Charger Co-Invest LLC		02/24/2020	3	11,311,987				14.103
000000-00-0	APIS GROWTH FUND II L.P.	London	GBR	Apis Partners LLP		10/17/2018		792,471			25,535,895	18.158
000000-00-0	Aavishkaar Emerging India Fund	Ebene	MUS	Aavishkaar Venture Management Services Pvt. Ltd.		11/15/2017		1,012,264			6,879,239	32.680
000000-00-0	Accion Frontier Inclusion Fund, L.P.	George Town	CYM	Quona Capital, LLC		11/16/2015		98,083			1,741,993	7.050
000000-00-0	Alisio Holdings, LP	Wilmington	DE	Harvest Partners, Inc.		11/15/2016	3	217,619			862,877	4.490
000000-00-0	Altas Partners Holdings II LP	Grand Cayman	CYM	Altas Partners LP		04/09/2019	3	117,221			30,945,907	2.000
000000-00-0	Altas Partners Holdings, LP	Grand Cayman	CYM	Altas Partners LP		12/01/2015	3	61,351			1,461,053	6.040
000000-00-0	American Industrial Partners V	Wilmington	DE	American Industrial Partners GP, LLC		12/29/2011		179,608			444,609	6.121
000000-00-0	Argand Partners Fund, L.P.	Grand Cayman	CYM	Argand Partners, LLC		12/07/2016	3	7,730,965			2,199,991	7.989
000000-00-0	Arlington Capital Partners V, L.P.	Wilmington	DE	Arlington Capital Group V, LLC		08/27/2019	3	156,446			29,449,074	1.818
000000-00-0	Audax Private Equity Fund IV, L.P.	Wilmington	DE	Audax Management Company, L.L.C.		01/18/2013	3	(993,049)				3.780
000000-00-0	Audax Private Equity Fund V, L.P.	Wilmington	DE	Audax Management Company, L.L.C.		01/25/2016	3	5,555,379			4,698,418	3.270
000000-00-0	Audax Private Equity Fund VI-A, L.P.	Wilmington	DE	Audax Management Company, L.L.C.		08/30/2019	3	3,888,959			36,864,950	1.125
000000-00-0	Aurora Capital Partners IV, LP	Wilmington	DE	Aurora Capital Group		11/15/2012	3	37,447			6,047,002	7.949
000000-00-0	Aurora Equity Partners V L.P.	Dover	DE	Aurora Capital Group		06/10/2016	3	4,918,724			17,797,051	5.050
000000-00-0	AxInfra US LP	Wilmington	DE	Axium Infrastructure		12/19/2018		2,658,803				7.550
000000-00-0	BC European Capital IX, L.P.	London	GBR	CIE Management IX Limited		12/23/2011	3	709,619				0.374
000000-00-0	BDCM Opportunity Fund III, L.P.	Wilmington	DE	Black Diamond Capital Management, LLC		06/21/2011		395,059			48,182	1.875
000000-00-0	BEECKEN PETTY O'KEEFE FUND V, L.P.	Dover	DE	Beecken Petty O'Keefe & Co LLC		10/31/2018	3	8,735,513			21,958,939	11.630
000000-00-0	Bain Capital Venture Fund 2019, L.P.	George Town	CYM	Bain Capital		01/02/2019	1	700,000			2,325,000	0.770
000000-00-0	Bamboo Financial Inclusion Fund II	Luxembourg	LUX	Bamboo Finance SA		12/01/2015		375,000			1,350,000	37.175
000000-00-0	Beecken Petty O'Keefe Fund IV LP	Wilmington	DE	Beecken Petty O'Keefe & Co LLC		12/13/2013	3	158,247			5,507,259	5.960
000000-00-0	Berkshire Partners Fund VIII, L.P.	Wilmington	DE	Berkshire Associates LLC		08/25/2011	3	227,142			560,335	0.337
000000-00-0	Bertram Growth Capital III, LP	Wilmington	DE	Bertram Growth Capital III GP, L.P.		11/30/2016	3	303,176			1,777,319	8.100
000000-00-0	Bison Capital Partners V, L.P.	Wilmington	DE	Bison Capital Asset Management, LLC		09/18/2017	2	3,288,270			13,423,151	7.810
000000-00-0	Blackstone Capital Partners V, L.P.	Wilmington	DE	Blackstone Group		02/06/2006	3	1,060			8,764,529	0.898
000000-00-0	Blue Sea Capital Fund II, LP	Wilmington	DE	Blue Sea Capital Management II LP		02/11/2020	3	4,602,371			20,495,971	7.143
000000-00-0	Brentwood Associates Private Equity VI, LP	Wilmington	DE	Brentwood Associates		12/27/2017	3	3,546,828			23,243,966	3.182
000000-00-0	Brookfield Infrastructure Fund IV-B, L.P.	Wilmington	DE	Brookfield Asset Management		09/18/2019		4,632,964			18,443,451	0.150
000000-00-0	CCMP Capital Investors III, LP	Wilmington	DE	CCMP Capital Advisors, LLC		08/14/2014	3	122,908			5,098,866	1.192
000000-00-0	Calera Capital Partners V, L.P.	Wilmington	DE	Calera Capital		04/25/2016	3	3,569,366			10,053,268	7.430
000000-00-0	Calera XXII, LLC	Wilmington	DE	Calera Capital Investors V, L.P.		03/17/2020	3	7,056,000				14.550
000000-00-0	Capital Partners Private Equity Income Fund II Inst., L.P.	Wilmington	DE	Capital Partners		02/03/2014	3	38,968			1,479,045	5.555
000000-00-0	Carlyle Partners IV, LP	Wilmington	DE	The Carlyle Group		05/09/2005	3	1,263			3,782,196	0.602
000000-00-0	Carousel Capital Partners IV, L.P.	Wilmington	DE	Carousel Capital Management Company, L.P.		12/28/2011	3	96,771			4,790,569	11.299
000000-00-0	Carousel Capital Partners V, L.P.	Charlotte	NC	Carousel Capital Management Company, L.P.		02/15/2017	3	174,571			12,652,434	7.500
000000-00-0	Catterton Partners VII, LP	Wilmington	DE	Catterton Partners		03/19/2013	3	176,871			10,089,824	2.976
000000-00-0	CenterOak Equity Fund I, L.P.	Dover	DE	CenterOak Partners, LLC		12/29/2015	3	1,314,286			10,164,673	10.952
000000-00-0	Circularity European Growth Fund I LP	London	GBR	Circularity Capital LLP		10/26/2018		1,391,372			7,864,266	16.526
000000-00-0	Clarendon Capital Fund I, LP	Wilmington	DE	Clarendon Capital, LLC		07/23/2018	3	4,980,426			10,976,545	14.286
000000-00-0	Clayton, Dubilier & Rice X, L.P.	George Town	CYM	Clayton, Dubilier & Rice		03/27/2018	3	5,790,221			14,177,682	0.342
000000-00-0	Closed Loop Leadership Fund, LP	Dover	DE	Closed Loop Partners		02/13/2020		20,000,000				81.301
000000-00-0	Cornell Capital Partners LP	George Town	CYM	Cornell Capital LLC		06/12/2018	3	4,000,000			16,000,000	2.000
000000-00-0	Court Square Capital Partners III, LP	Wilmington	DE	Court Square Capital Partners		05/29/2013	3	70,291			2,844,002	2.682
000000-00-0	Creation Investments Social Ventures Fund IV	Wilmington	DE	Creation Investments Capital Management, LLC		04/09/2018		1,250,000			11,250,000	20.000
000000-00-0	DC Front Range Holdings I, LP	Wilmington	DE	Digital Bridge		08/05/2019		100,309,247				15.385
000000-00-0	DIF Infrastructure VI Coöperatief U.A. and DIF Infrastructure VI	Amsterdam	NLD	DIF Management B.V.		03/31/2020		36,086			55,177,294	2.000
000000-00-0	DUNES POINT CAPITAL FUND II, L.P.	Georgetown	CYM	Dunes Point Capital II, G.P.		03/29/2019	3	5,402,745			17,905,268	5.529
000000-00-0	Elevar Equity IV, L.P.	Georgetown	CYM	Elevar Equity		01/29/2018		750,000			7,410,000	15.540
000000-00-0	Evadata, LLC	New York	NY	TIAA		02/26/2020		450,000			200,000	20.000
000000-00-0	FALFURRIAS CAPITAL PARTNERS IV, LP	Wilmington	DE	Falfurrias Equity Partners IV, LLC		07/23/2019	3	200,000			33,000,000	8.000
000000-00-0	FFL Capital Partners IV, LP	Grand Cayman	CYM	Friedman Fleischer & Lowe, LLC		03/27/2015	3	1,297,639			32,050,039	4.350
000000-00-0	Falcon Strategic Partners V, L.P.	Wilmington	DE	Falcon Investment Advisors, LLC		06/13/2016	2	213,560			12,520,448	3.970
000000-00-0	Falfurrias Capital Partners II, LP	Wilmington	DE	Falfurrias Capital Partners		12/26/2012	3	600,000			530,000	15.835
000000-00-0	Fifth Wall Ventures Retail Fund, L.P.	Dover	DE	Fifth Wall Ventures Retail Fund, L.P.		03/06/2020	1	3,621,033			5,962,816	9.900

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STATEMENT AS OF MARCH 31, 2020 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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		3 City	4 State									
000000-00-0	GI Partners Fund V LP	Wilmington	DE	GI Partners		02/16/2018	3		3,014,730		20,460,021	2.448
000000-00-0	GenNx360 Capital Partners II, L.P.	Wilmington	DE	GenNx360 Management Company, LLC		05/12/2014	3		88,390		3,108,023	6.535
000000-00-0	GenNx360 Capital Partners III, L.P.	Wilmington	DE	GenNx360 Management Company, LLC		10/31/2018	3		6,266,992		31,702,814	6.667
000000-00-0	Genstar Capital Partners VII, LP	Wilmington	DE	Genstar Capital Partners LLC		10/01/2015	3		111,302		1,133,727	1.905
000000-00-0	Goldner Hawn Fund VII, LP	Wilmington	DE	Goldner Hawn LP		04/29/2019	3		150,000		26,335,934	10.000
000000-00-0	Greenbriar Equity Fund IV, L.P.	Wilmington	DE	Greenbriar Equity Group		12/14/2018	3		262,950		18,342,542	12.390
000000-00-0	Gridiron Capital Fund II, L.P.	Wilmington	DE	Gridiron Capital		07/25/2011	3		12,710		13,548,659	7.045
000000-00-0	Gridiron Capital Fund III, L.P.	Wilmington	DE	Gridiron Capital		04/06/2015	3		199,540		11,557,552	4.706
000000-00-0	Growth Catalyst Partners LLC	Port Louis	MUS	Global Impact Advisor LLC		06/08/2016			826,335		1,279,539	13.265
000000-00-0	Gryphon Partners V, L.P.	Wilmington	DE	Gryphon Advisors, LLC		08/30/2018	3		16,092,996		9,775,996	5.298
000000-00-0	Harvest Partners Structured Capital Fund II, L.P.	Wilmington	DE	Harvest Partners, Inc.		06/28/2018	2		410,260		22,228,091	7.630
000000-00-0	Harvest Partners VI, L.P.	Wilmington	DE	Harvest Partners, Inc.		11/28/2011	3		2,284,403		1,377,675	4.495
000000-00-0	Harvest Partners VII, L.P.	Wilmington	DE	Harvest Partners, Inc.		09/28/2016	3		6,387,581		936,072	2.217
000000-00-0	Harvest Partners VIII, L.P.	Wilmington	DE	Harvest Associates VIII, L.P.		11/27/2019	3		1,835,501		25,242,636	0.923
000000-00-0	ICV Partners III, LP	Wilmington	DE	ICV Capital Partners, LLC		04/17/2014	3		52,254		363,908	5.000
000000-00-0	ICV Partners IV, LP	Wilmington	DE	ICV Capital Partners, LLC		05/31/2018	3		2,721,890		23,982,768	5.128
000000-00-0	IFHA-II Cooperatief U.A.	Amsterdam	NLD	African Health Systems Management Company B.V.		06/25/2015			873,875		2,943,280	6.889
000000-00-0	Industrial Growth Partners IV, L.P.	Wilmington	DE	IGP Capital Partners		10/21/2011	3		23,633		4,420,825	5.000
000000-00-0	Industrial Growth Partners V, L.P.	Wilmington	DE	IGP Capital Partners		07/01/2016	3		116,671		13,338,914	3.750
000000-00-0	Insignia Capital Partners, LP	Wilmington	DE	Insignia Capital Group, LLC		06/27/2014	3		3,394,825		3,492,710	11.624
000000-00-0	Kelso Fund VIII	Wilmington	DE	Kelso & Company		11/29/2007	3		6,686		14,899,583	2.050
000000-00-0	Kelso Investment Associates IX, L.P.	Dover	DE	Kelso & Company		11/23/2015	3		54,460		5,120,734	2.060
000000-00-0	Kelso Investment Associates X, L.P.	Dover	DE	Kelso & Company		12/13/2018	3		198,360		32,836,088	1.890
000000-00-0	Kofile Group Holdings, LP	Wilmington	DE	Audax Group		01/29/2020	3	3,750,000				3.450
000000-00-0	Kohlberg Investors VIII, L.P.	Wilmington	DE	Kohlberg & Company, LLC		08/30/2017	3		8,571,723		14,203,655	14.630
000000-00-0	L Catterton VIII, L.P.	Wilmington	DE	Catterton Partners		06/13/2017	3		3,785,993		13,718,000	1.818
000000-00-0	LEEDS EQUITY PARTNERS VI, L.P.	Wilmington	DE	Leeds Equity Associates VI, LP		05/30/2018	3		4,247,840		9,199,126	5.377
000000-00-0	Landed Educator Retention Fund	Dover	DE	Landed Management Company, LLC		10/21/2019			2,250,000		12,750,000	25.000
000000-00-0	LeapFrog Emerging Consumer III, LP	Ebene	MUS	LeapFrog Investments Ltd		12/28/2017			1,071,975		14,994,452	4.710
000000-00-0	LeapFrog Financial Inclusion Fund II, LP	Port Louis	MUS	LeapFrog Investments Ltd		11/19/2013			71,786		987,409	5.000
000000-00-0	Lime Rock Resources IV	George Town	CYM	Lime Rock Resources		06/13/2016			88,555		2,785,732	5.740
000000-00-0	Littlejohn Fund IV, L.P.	Wilmington	DE	Littlejohn & Co., L.L.C.		04/29/2010			108,107		2,143,197	4.141
000000-00-0	MIDDLEGROUND PARTNERS I, L.P.	Wilmington	DE	MiddleGround Management, LP		03/22/2019	3		2,995,332		17,130,656	5.882
000000-00-0	MRI HP SCF Investor, LP	Wilmington	DE	Harvest Partners Structured Capital Fund, L.P.		02/06/2020	3	23,746,000				100.000
000000-00-0	Madison Dearborn Capital Partners VII, L.P.	Wilmington	DE	Madison Dearborn Partners, Inc.		12/17/2015	3		164,020		13,229,670	0.902
000000-00-0	Main Post Growth Capital II, L.P.	Wilmington	DE	Main Post Growth Management II, LLC		06/25/2019	3		3,651,849		21,209,336	4.286
000000-00-0	Mandala Food Fund II	Port Louis	MUS	Mandala		12/17/2015			(81,393)		8,221,895	21.320
000000-00-0	Marlin Equity III, L.P.	Wilmington	DE	Marlin Equity Partners, LLC		07/20/2010			9,218		105,789	0.986
000000-00-0	MidOcean Partners V, LP	Wilmington	DE	MidOcean US Advisor, LP		04/26/2018	3		271,603		25,274,668	3.318
000000-00-0	Milani Aggregator LLC	Wilmington	DE	Gryphon Partners		06/05/2018	3		61,145		533,264	0.760
000000-00-0	NGP Natural Resources Fund X, L.P.	Wilmington	DE	NGP Energy Capital Management, LLC		01/27/2012			574,080		1,047,818	1.394
000000-00-0	Nautic Partners IX, L.P.	Wilmington	DE	Nautic Partners		02/21/2020	3	366,029	4,412,348		35,221,623	3.200
000000-00-0	Nautic Partners VIII, L.P.	Wilmington	DE	Nautic Partners		12/14/2016	3		3,216,189		12,629,338	6.167
000000-00-0	New Mountain Partners IV, LP	Wilmington	DE	New Mountain Capital LLC		12/10/2014	3		163,376		4,181,107	0.997
000000-00-0	New Mountain Partners V, LP	Wilmington	DE	New Mountain Capital LLC		11/29/2017	3		3,068,551		13,317,610	0.569
000000-00-0	NexPhase Capital Fund IV, L.P.	Wilmington	DE	NexPhase Capital Fund IV, GP		02/25/2020	3	11,644,260			28,355,740	10.000
000000-00-0	Nile II Investment Holdings Pte. Ltd.	Singapore	SGP	Nile II Investment Holdings Pte. Ltd.		03/16/2020	1	25,000,000				48.077
000000-00-0	North Haven Capital Partners VI LP	Wilmington	DE	MS Capital Partners Adviser Inc.		10/16/2015	3		5,407,094		6,946,161	3.540
000000-00-0	One Equity Partners VII, L.P.	Grand Cayman	CYM	OEP Capital Advisors, L.P.		04/17/2019	3		2,995,614		18,171,574	2.286
000000-00-0	OrbiMed Royalty Opportunities II	Wilmington	DE	OrbiMed Advisors		04/08/2015	1		1,244,543		7,999,709	1.667
000000-00-0	PALLADIUM EQUITY PARTNERS V, L.P.	Wilmington	DE	Palladium Equity Partners		09/28/2018	3		2,325,035		26,659,060	3.346
000000-00-0	PG Aggregator, LLC	Wilmington	DE	Gryphon Partners V, LP		03/02/2020	3	1,125,000				1.216
000000-00-0	PPC Fund II, LP	Wilmington	DE	PPC Partners		04/26/2018	3		167,611		25,691,879	5.623
000000-00-0	PWP Growth Equity Fund II LP	Wilmington	DE	Perella Weinberg Partners Capital Management, LP		02/28/2018	3		252,031		15,127,584	6.010
000000-00-0	Pacific Equity Partners Fund V, L.P.	Wilmington	DE	Pacific Equity Partners		02/13/2015	3		1,406,905		6,031,798	1.783
000000-00-0	Palladium Equity Partners IV, L.P.	Wilmington	DE	Palladium Equity Partners		05/06/2014	3		196,860		1,842,201	3.503
000000-00-0	Pamlico Capital III, L.P.	Wilmington	DE	Pamlico Capital Management, LP		10/15/2013	3		9,196		5,734,470	5.385
000000-00-0	ParkerGale Capital LP	Dover	DE	ParkerGale Management, LP		05/27/2016	3		456,250		731,249	6.250
000000-00-0	Pegasus Partners V, L.P.	Wilmington	DE	Pegasus Capital Advisors, L.P.		05/10/2012	3		259,938			6.413
000000-00-0	Pine Brook Capital Partners II, L.P.	Wilmington	DE	Pine Brook Road Partners		11/01/2013			909,278		980,956	1.030
000000-00-0	Providence Equity Partners VIII LP	Grand Cayman	CYM	Providence Equity Partners		07/17/2019	3		5,424,917		36,908,121	0.833

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1 CUSIP Identification	2 Name or Description	3 Location		5 Name of Vendor or General Partner	6 NAIC Designation and Admini- strative Symbo	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	Prudential Capital Partners V, L.P.	Wilmington	DE	Prudential Investment Management, Inc		04/21/2017	2		1,829,917		11,055,739	2.192
000000-00-0	Quadria Capital Fund II LP	Singapore	SGP	Quadria Capital Investment Management Pte. Ltd		06/27/2019			3,046,701		24,796,224	50.000
000000-00-0	Resolute Fund III, LP	Wilmington	DE	The Jordan Company		06/11/2014	3		689,007		3,241,745	1.094
000000-00-0	Resolute Fund IV, L.P.	Wilmington	DE	Resolute Fund Partners IV, L.P.		12/07/2018	3		5,417,162		20,756,137	1.250
000000-00-0	Ridgemont Equity Partners I, LP	Wilmington	DE	Ridgemont Equity Partners		03/29/2012	3		67,578		2,651,619	12.464
000000-00-0	Ridgemont Equity Partners III, L.P.	Wilmington	DE	Ridgemont Equity Partners		10/09/2019	3		5,333,494		47,665,901	3.636
000000-00-0	SKYKNIGHT CAPITAL FUND II, L.P.	Wilmington	DE	SkyKnight Capital II GP, LLC		09/12/2018	3		3,217,354		7,960,051	10.000
000000-00-0	Shoreline Equity Partners Fund, L.P.	Wilmington	DE	Shoreline Equity Partners, LLC		01/21/2020	3	2,425,583			22,574,417	7.692
000000-00-0	Shoreline Greens Investment, LP	Wilmington	DE	Shoreline Equity Partners, LLC		07/26/2019	3		257,827		3,163	5.700
000000-00-0	Sierra Ventures XII, L.P.	Wilmington	DE	Sierra Ventures Associates XII, LLC		01/07/2020	1	500,000	500,000		9,000,000	4.380
000000-00-0	Snow Phipps III, L.P.	Dover	DE	Snow Phipps Group, LLC		08/23/2016	3		1,283,186		15,098,118	0.710
000000-00-0	Stonepeak Infrastructure Fund II, L.P.	Wilmington	DE	Stonepeak Associates II		02/12/2016	3		166,751		11,207,421	6.667
000000-00-0	Summit Park III, L.P.	Dover	DE	Summit Park, LLC		01/23/2019	3		69,514		1,690,000	7.036
000000-00-0	Sverica Capital Partners IV, LP	Wilmington	DE	Sverica Capital Management, LLC		10/13/2015	3		2,000,000		9,449,939	0.954
000000-00-0	TPG Partners VI, LP	Wilmington	DE	Texas Pacific Group		04/17/2008	3		1,123,446		46,774	3.158
000000-00-0	TWC Transflo Co-Invest, L.P.	Wilmington	DE	True Wind Capital Management, LLC		11/15/2017	3		18,305		27,816,504	2.834
000000-00-0	Tailwind Capital Partners II, L.P.	Wilmington	DE	Tailwind Capital Partners		05/15/2015	3		1,055		7,131,005	3.240
000000-00-0	Tailwind Capital Partners III, L.P.	Wilmington	DE	Tailwind Capital Partners		09/27/2018	3		549,837		3,724,971	1.244
000000-00-0	TorQuest Partners Fund IV, LP	Toronto	CAN	TorQuest Partners		08/31/2016	3		691,365		4,815,801	14.244
000000-00-0	Trident VI, L.P.	George Town	CYM	Stone Point Capital LLC		09/12/2014	3		76,610		22,618,277	8.571
000000-00-0	Trinity Hunt Partners IV	Wilmington	DE	Trinity Hunt Partners		11/05/2012	3		77,198		3,657,278	6.452
000000-00-0	Trinity Hunt Partners V, LP	Wilmington	DE	THPV, LP		01/17/2018	3		182,387		15,038,619	7.407
000000-00-0	Tritium I, L.P.	Dover	DE	Tritium I Partners, L.P.		12/19/2014	3		599,164		23,894,045	1.103
000000-00-0	Tritium II, L.P.	Dover	DE	Tritium II Partners, L.P.		11/13/2019	3		3,528,233		45,433,221	16.923
000000-00-0	True Wind Capital, L.P.	Wilmington	DE	True Wind Capital Management, LLC		03/10/2017	3		5,972,217		1,656,151	0.750
000000-00-0	Valicor PPC FT Investor LLC	Wilmington	DE	PPC Partners		03/20/2020	3	71,681			28,123,790	0.750
000000-00-0	Vestar Capital Partners VII, L.P.	Grand Cayman	CYM	Vestar Capital Partners		04/02/2018	3		468,923		1,743,721,956	XXX
000000-00-0	W50 PARENT LLC	Dover	DE	Morgan Stanley Capital Partners VI GP, LP		01/10/2020	3	17,586,422			100,000	100.000
000000-00-0	WCAS XIII, L.P.	Wilmington	DE	WCAS XIII ASSOCIATES LLC		03/14/2019	3		1,656,151		100,000	100.000
000000-00-0	WPP Tropicale Holdings, LLC	Wilmington	DE	Wind Point Investors IX, L.P.		01/10/2020	3	1,200,000			100,000	100.000
000000-00-0	White Deer Energy II, L.P.	George Town	CYM	White Deer Energy		03/22/2013	3		176,545		4,155,709	1.797
000000-00-0	White Deer Energy, L.P.	George Town	CYM	White Deer Energy		10/30/2009	3		105,070		14,111,773	12.160
000000-00-0	Wind Point Partners IX	Grand Cayman	CYM	Wind Point Investors IX, L.P.		09/09/2019	3		5,359,802		44,265,198	4.000
000000-00-0	Wind Point Partners VIII	Wilmington	DE	Wind Point Partners		01/03/2017	3		230,540		13,470,726	4.186
000000-00-0	ZMC II, L.P.	Wilmington	DE	ZM Capital Advisors, LLC		09/03/2014	3		1,974,471		235,330	7.216
000000-00-0	ZMC III, L.P.	Wilmington	DE	ZM Capital Advisors, LLC		01/03/2020	3	258,672			29,741,328	4.615
199999	Joint Venture Interests - Common Stock - Unaffiliated							149,221,124	333,684,248		1,743,721,956	XXX
000000-00-0	Infra Alpha, LLC	Wilmington	DE	EMG Investments, LLC		12/21/2010			60,621		100,000	100.000
000000-00-0	Hillhouse China Value Fund, L.P.	Wilmington	DE	Hillhouse Capital Management, Ltd.		03/01/2020		13,250,000			100,000	100.000
000000-00-0	TIAA Stonepeak Fund I, LLC	Wilmington	DE	Stonepeak Associates, LLC		09/08/2011			294,208		47,902,593	100.000
000000-00-0	IC Partners Onshore Fund	Wilmington	DE	Ishana Capital Limited		03/01/2020		5,000,000			100,000	100.000
000000-00-0	TIAA Stonepeak Investments II, LLC	Wilmington	DE	Stonepeak Associates, LLC		09/08/2011			83,714		100,000	100.000
000000-00-0	TIAA Infrastructure Investments, LLC	Wilmington	DE	ACS Infrastructure Development, Inc. / EPP Horizon LFG, LLC / EPP		11/04/2011			4,307,590		8,227,442	100.000
000000-00-0	TIAA-CREF Individual & Institutional Services, LLC	New York	NY	TIAA		12/27/2012			30,000,000		100,000	100.000
000000-00-0	TIAA Oil & Gas Investments, LLC	Wilmington	DE	ABARTA Oil & Gas / NPG 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			85,400		19,948,379	100.000
000000-00-0	TPG Public Equity Partners Long Opportunities-A, L.P.	Wilmington	DE	TPG Public Equity Partners		03/01/2020		32,000,000			100,000	100.000
000000-00-0	TIAA SynGas, LLC	Wilmington	DE	AE Investor II LLC / SG Solutions / Catalina Solar Lessee, LLC		03/31/2011			53,574		100,000	100.000
000000-00-0	Taiyo Hinata Fund, L.P.	Wilmington	DE	Taiyo Pacific Partners, L.P.		03/01/2020		16,532,572			100,000	100.000
000000-00-0	UK PPP Investments LP	London	GBR	TIAA		09/26/2016			3		23,755	100.000
000000-00-0	Tybourne Long Opportunities (US) Fund	Wilmington	DE	Tybourne Capital Management Limited		03/01/2020		38,500,000			100,000	100.000
000000-00-0	730 Data Centers LLC	Wilmington	DE	TIAA		07/18/2016			10,169,619		100,000	100.000
000000-00-0	WINSLOW GROWTH CAPITAL FUND II, L.P.	Dover	DE	Winslow Capital Management, LLC		10/11/2019	1		11,211,534		170,184,134	25.000
000000-00-0	730 Power Development LLC	Wilmington	DE	CCE Holdings / CVEC LLC		12/24/2014			606,613		100,000	100.000
000000-00-0	730 Telecom, LLC	Wilmington	DE	TIAA		10/19/2015			254,543		192,198	100.000
000000-00-0	ActOil Colorado, LLC	Wilmington	DE	Great Western Petroleum, LLC		08/02/2013			615,766		100,849,875	100.000
000000-00-0	TIAA Wind Investments LLC	Wilmington	DE	Capistrano Wind Partners, LLC		01/23/2012			380,162		100,000	100.000

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STATEMENT AS OF MARCH 31, 2020 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 Admini- strative Symbo	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									
2099999. Joint Venture Interests - Common Stock - Affiliated								105,282,572	58,123,347		347,329,376	XXX
000000-00-0	Avanath Affordable Housing III, LLC	Wilmington	DE	Avanath Capital Management		04/17/2017		133,297			5,152,854	15.724
000000-00-0	Avanath Affordable Housing IV, LLC	Wilmington	DE	Avanath Capital Management		12/03/2019		5,055,109			41,670,414	27.966
000000-00-0	Impact PCCP IV LLC	Wilmington	DE	Pacific Coast Capital Partners LLC		07/31/2016		11,416			134,598	57.080
000000-00-0	Rose Affordable Housing Preservation Fund IV	Dover	DE	Jonathon Rose Companies, LLC		07/12/2016		5,000,005			2,101,628	32.088
000000-00-0	Rose Affordable Housing Preservation Fund V, L.P.	Dover	DE	Rose Housing Preservation Investors V, LLC		11/22/2019		2,500,000			45,000,000	27.180
000000-00-0	TGA JL II Investor Member LLC	Wilmington	DE	Jair Lynch Real Estate Partners		02/26/2020		10,598,724			2,025,285	94.915
000000-00-0	Turner-Agassi Charter School Facilities Fund II	Wilmington	DE	Turner Impact Capital		06/23/2016		331,091			5,796,563	3.185
2199999. Joint Venture Interests - Real Estate - Unaffiliated								10,598,724	15,056,203		104,073,900	XXX
000000-00-0	730 Texas Timberlands II, Ltd.	Austin	TX	TIAA		10/27/2005		120				100.000
000000-00-0	NRFC Inception IV, LP	Wilmington	DE	Northstar		07/31/2016		444,260				49.000
000000-00-0	Broadleaf Timberland Investments, LLC	Wilmington	DE	TIAA		03/07/2013		125,939				100.000
000000-00-0	NRFC Inception V, LP	Wilmington	DE	Northstar		07/31/2016		343,821			319,596	49.000
000000-00-0	Ceres Agricultural Properties, LLC	Wilmington	DE	Westchester Group Investment Management, Inc.		07/31/2007		257				100.000
000000-00-0	TGA MH Investor Member LLC	Wilmington	DE	Millennia Housing Management		10/04/2019		951,865			84,072	100.000
000000-00-0	NGFF Holdco LLC	Wilmington	DE	TIAA		07/01/2019					58,000,000	100.000
000000-00-0	TGA NJAHP II INVESTOR MEMBER LLC	Wilmington	DE	Hudson Valley Property Group, LLC		10/31/2019		402			16,256,740	100.000
000000-00-0	Occator Agricultural Properties, LLC	Wilmington	DE	Teays River Management, LLC / Materra LLC / AGR Partners		04/30/2009		1,567,466			47,550	100.000
000000-00-0	TIAA Global Ag Holdco LLC	Wilmington	DE	Teachers Advisors, Inc.		06/03/2011		4,634,051			78,237,563	100.000
000000-00-0	TEFF Holdco LLC	Wilmington	DE	TIAA-CREF Alternative Advisors, LLC		07/29/2016					34,285,598	100.000
000000-00-0	TIAA GTR Holdco LLC	Wilmington	DE	TIAA		12/17/2013		9,875,000			79,100,000	100.000
000000-00-0	Renewable Timber Europe, LLC	Wilmington	DE	TIAA		09/27/2011		350,000				100.000
000000-00-0	Lewis & Clark Timberlands, LP	Wilmington	DE	TIAA		07/01/2015		(583)				57.430
000000-00-0	485 Properties LLC	N/A	DE	TIAA		12/17/1997		49,317				100.000
000000-00-0	Western A Midwest TN, LLC	N/A	DE	TIAA		10/04/2019		1,248,725				100.000
000000-00-0	T-C US Super Regional Mall Fund LP	Honolulu	HI	T-C US Super Regional Mall Fund GP LLC		07/09/2015					4,669,539	22.222
000000-00-0	THRE US Strategic Industrial Fund	Various		TH Real Estate U.S. Strategic Industrial Fund I GP, LLC		12/08/2017					28,647,865	15.645
000000-00-0	U.S. Cities Retail Fund LP	Various		U.S. Cities Retail Fund GP LLC		06/28/2018					12,155,759	100.000
000000-00-0	U.S. Cities Multifamily Fund LP	Various		U.S. Cities Multifamily Fund GP LLC		10/01/2019			30,450,000		44,950,000	4.790
000000-00-0	U.S. Cities Industrial Fund LP	Various		U.S. Cities Industrial Fund GP LLC		01/31/2020		150,000,000				100.000
000000-00-0	New York City Property Fund LP	N/A	DE	TIAA		10/24/2019		4,502			34,658,767	40.900
000000-00-0	TIAA Union Place Phase I LLC	N/A	DE	TIAA		01/18/2007		96,717				100.000
000000-00-0	T-C JK I LLC	N/A	DE	TIAA		01/13/2014		77,485				100.000
000000-00-0	T-C JK II LLC	N/A	DE	TIAA		01/13/2014		74,446				100.000
000000-00-0	T-C Australia RE Holdings I, LLC	N/A	DE	TIAA		04/29/2016		2,717,145			37,249,640	100.000
000000-00-0	T-C 699 Bourke Street LLC	N/A	DE	TIAA		02/20/2014		24,913				100.000
000000-00-0	T-C Mt. Omaney Centre Holding Company LLC	N/A	DE	TIAA		09/26/2014		2,675				100.000
000000-00-0	T-C 101 Miller Street Holding Company LLC	N/A	DE	TIAA		10/10/2014		7,899,558				100.000
000000-00-0	T-C Europe LP	N/A	DE	TIAA		11/18/2014		35,414				100.000
000000-00-0	T-C UK RE Holdings I LLC	N/A	DE	TIAA		06/17/2016		1,197				100.000
000000-00-0	TGA Montrose Residences Member LLC	N/A	DE	TIAA		08/03/2016		76,959				100.000
000000-00-0	TGA Japan Holdings, LLC	N/A	DE	TIAA		08/10/2016		(236)				100.000
000000-00-0	TIAA Realty LLC	N/A	DE	TIAA		01/01/2013		596,375				100.000
000000-00-0	T-C 400 Montgomery LLC	N/A	DE	TIAA		08/03/2016		800				100.000
000000-00-0	TGA Montague Investor Member LLC	N/A	DE	TIAA		10/21/2016		49,235				100.000
000000-00-0	T-C Permian Investor LLC	N/A	DE	TIAA		03/29/2017					9,122,487	100.000
000000-00-0	TGA FC Investor Member LLC	N/A	DE	TIAA		10/12/2016		86,685				100.000
000000-00-0	TGA APAC Fund Holdings LLC	N/A	DE	TIAA		07/20/2017					1,331,637	100.000
000000-00-0	CASA Student Housing Fund Holdings LLC	N/A	DE	TIAA		10/08/2014		594,514				100.000
000000-00-0	TGA Connection at Athens Investor Member LLC	N/A	DE	TIAA		06/04/2018		65,249				100.000
000000-00-0	TGA SP-MPC Housing Investor Member LLC	N/A	DE	TIAA		09/26/2018		459,386			14,668,060	100.000
000000-00-0	TGA MS Self Storage Investor Member LLC	N/A	DE	TIAA		09/14/2018		223,956				100.000
000000-00-0	TGA European RE Holdings I LLC	N/A	DE	TIAA		12/11/2018		320,801				100.000
000000-00-0	TGA The Warehouse at CH Investor Member LLC	N/A	DE	TIAA		10/01/2019		32,676				100.000
000000-00-0	CPF UIR JV Member LLC	N/A	DE	TIAA		01/01/2020		52,048,213				100.000
000000-00-0	TGA Maryland Farms Holdings LLC	N/A	DE	TIAA		02/25/2020		38,730,966				100.000
000000-00-0	TGA Central Square Investor Member LLC	N/A	DE	TIAA		03/05/2020		49,915,209				100.000
000000-00-0	T-C GA Real Estate Holdings LLC	N/A	DE	TIAA		07/27/2011					5,294,733	100.000
000000-00-0	Western A East Mezz LLC	N/A	DE	TIAA		10/04/2019					903,457	100.000
2299999. Joint Venture Interests - Real Estate - Affiliated								290,694,388	69,679,282		453,300,801	XXX

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STATEMENT AS OF MARCH 31, 2020 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 Administrative Symbol	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	Impact Community Capital LLC	Wilmington	DE	Impact Community Capital		07/31/2016			45,303		1,356,051	15.520
2399999. Joint Venture Interests - Mortgage Loans - Unaffiliated												
000000-00-0	U.S. Core-Plus Real Estate Debt Fund LP	Various		CRED GP LLC		06/01/2018			12,992,000		102,145,000	41.677
000000-00-0	Global Real Estate Debt Partners - Fund II (UK) SCSp	Luxembourg	LUX	Nuveen Real Estate		01/25/2018			4,093,679		56,925,017	34.880
000000-00-0	T-C MW Member LLC	N/A	DE	TIAA		12/02/2016					40,581,336	100.000
000000-00-0	Primary Residential Individual Mortgage Entity Trust	Wilmington	DE	Teachers Advisors, Inc.		11/17/2016			379,018			100.000
2499999. Joint Venture Interests - Mortgage Loans - Affiliated												
000000-00-0	Cyrium Parallel Investors V LP	Wilmington	DE	Cyrium Investment Partners, LLC		08/15/2019	2		17,464,697		199,651,353	XXX
000000-00-0	Benefit Street Partners Debt Fund IV, LP	Wilmington	DE	Benefit Street Partners Debt Fund IV GP LP		03/27/2017	2		2,787,521		33,244,923	18.519
000000-00-0	Bison Capital Partners IV, L.P.	Wilmington	DE	Bison Capital Asset Management, LLC		04/25/2012	2		2,335,966		9,914,236	2.336
000000-00-0	Cyrium Investors IV, L.P.	Wilmington	DE	Cyrium Investment Partners, LLC		12/30/2013	2		99,070		3,063,642	13.720
000000-00-0	Falcon Strategic Partners IV, L.P.	Wilmington	DE	Falcon Investment Advisors, LLC		12/17/2012	2		143,902		3,152,956	8.709
000000-00-0	Mercato Partners Growth III, L.P.	Wilmington	DE	Mercato Partners Growth III GP, LLC		11/24/2015	3		74,753		6,111,936	4.397
000000-00-0	Prudential Capital Partners IV, L.P.	Wilmington	DE	Prudential Investment Management, Inc		12/20/2012	2		3,000,000		3,027,180	10.163
000000-00-0	Royalty Opportunities S.a.r.l	Luxembourg	LUX	OrbiMed Advisors		08/30/2011	1		202,696		230,822	3.478
000000-00-0	Upfront Ventures III (GPP)	Wilmington	DE	GRP Partners		03/18/2008	1		170,225		11,870,748	14.012
000000-00-0	Xclusive Staffing Holdings, LLC	Wilmington	DE	Plexus Capital, LLC		02/05/2020	3	7,175,762				25.677
2599999. Joint Venture Interests - Other - Unaffiliated												
000000-00-0	TIAA-CREF Asset Management Distressed Opportunities Fund, LP	Wilmington	DE	TCAM DOF GP, LLC		01/28/2009		7,175,762	8,900,702		70,616,443	XXX
000000-00-0	Nuveen High Yield Municipal Opportunities Fund LP	Wilmington	DE	Nuveen Asset Management, LLC		05/06/2019			100,000		8,458,545	50.000
87216*-10-7	TIAA QMBS I, LLC	Wilmington	DE	TIAA		06/30/2001			1,532			100.000
000000-00-0	TGAM Agribusiness Fund LP	Wilmington	DE	TGAM Agribusiness Fund GP, LLC		03/31/2016					37,580,739	97.415
000000-00-0	Nuveen Agribusiness Fund III, LP	Wilmington	DE	Nuveen Agribusiness Fund III GP, LLC		03/28/2019					75,000,000	100.000
2699999. Joint Venture Interests - Other - Affiliated												
4899999. Total - Unaffiliated								166,995,610	357,686,456		1,919,768,350	XXX
4999999. Total - Affiliated								395,976,960	199,464,260		1,121,320,814	XXX
5099999 - Totals								562,972,570	557,150,716		3,041,089,164	XXX

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	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	Change in Book/Adjusted Carrying Value							15 Book/Adjusted Carrying Value Less Encumbrances on Disposal	16 Consideration	17 Foreign Exchange Gain (Loss) on Disposal	18 Realized Gain (Loss) on Disposal	19 Total Gain (Loss) on Disposal	20 Investment Income
		3 City	4 State					9 Unrealized Valuation Increase (Decrease)	10 Current Year's (Depreciation) or (Amortization)/Accretion	11 Current Year's Other Than Temporary Impairment Recognized	12 Capitalized 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	3i Eurofund V	London	GBR	Fund Distribution	10/25/2006	01/17/2020	887,400						800	888,200	887,400	(800)		(800)		
000000-00-0	APIS GROWTH FUND II L.P.	London	GBR	Fund Distribution	10/17/2018	01/17/2020	2,554,785							2,554,785	2,554,785					
000000-00-0	Advent International GPE VII-B, L.P.	Wilmington	DE	Fund Distribution	08/27/2012	03/11/2020	482,147							482,147	482,147					
000000-00-0	Altas Partners Holdings II LP	Grand Cayman	CYM	Fund Distribution	04/09/2019	02/04/2020	33							33	33					
000000-00-0	Altas Partners Holdings, LP	Grand Cayman	CYM	Fund Distribution	12/01/2015	03/31/2020	230,329							230,329	230,329					
000000-00-0	Audax Private Equity Fund IV, L.P.	Wilmington	DE	Fund Distribution	01/18/2013	02/26/2020	(60,904)							(60,904)	(60,904)					
000000-00-0	Audax Private Equity Fund V, L.P.	Wilmington	DE	Fund Distribution	01/25/2016	01/31/2020	347,918							347,918	347,918					
000000-00-0	Audax Private Equity Fund VI-A, L.P.	Wilmington	DE	Fund Distribution	08/30/2019	03/30/2020	320,625							320,625	320,625					
000000-00-0	AxInfra US LP	Wilmington	DE	Fund Distribution	12/19/2018	03/09/2020	1,849,096							1,849,096	1,849,096					
000000-00-0	BDCM Opportunity Fund III, L.P.	Wilmington	DE	Fund Distribution	06/21/2011	02/25/2020	198,763							198,763	198,763					
000000-00-0	Bison Capital Partners V, L.P.	Wilmington	DE	Fund Distribution	09/18/2017	03/31/2020	(315,247)							(315,247)	(315,247)					

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STATEMENT AS OF MARCH 31, 2020 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	2	Location		5	6	7	8	Change in Book/Adjusted Carrying Value						15	16	17	18	19	20	
		3	4					9	10	11	12	13	14							
CUSIP Identification	Name or Description	City	State	Name of Purchaser or Nature of Disposal	Date Originally Acquired	Disposal Date	Book/Adjusted Carrying Value Less Encumbrances, Prior Year	Unrealized Valuation Increase (Decrease)	Current Year's (Depreciation) or (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Capitalized Deferred Interest and Other	Total Change in Book/Adjusted Carrying Value (9+10-11+12)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Book/Adjusted Carrying Value Less Encumbrances on Disposal	Consideration	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Investment Income	
000000-00-0	Brookfield Infrastructure Fund IV-B, L.P.	Wilmington	DE	Fund Distribution	09/18/2019	03/20/2020	2,101,099							2,101,099	2,101,099					
000000-00-0	CCMP Capital Investors III, LP	Wilmington	DE	Fund Distribution	08/14/2014	03/23/2020	340,582							340,582	340,582					
000000-00-0	CD&R Bounce Co-Investor, LP (Spie)	George Town	CYM	Liquidation	08/23/2011	02/28/2020	544	(1,693,973)				(1,693,973)	1,700,349	6,920			(6,920)	(6,920)		
000000-00-0	Carlyle Partners IV, LP	Wilmington	DE	Fund Distribution	05/09/2005	01/29/2020	1,050,994							1,050,994	1,050,994					
000000-00-0	Carousel Capital Partners IV, L.P.	Wilmington	DE	Fund Distribution	12/28/2011	03/31/2020	766,706							766,706	766,706					
000000-00-0	Carousel Capital Partners V, L.P.	Charlotte	NC	Fund Distribution	02/15/2017	03/27/2020	1,496,491							1,496,491	1,496,491					
000000-00-0	Catterton Partners VII, LP	Wilmington	DE	Fund Distribution	03/19/2013	03/20/2020	269,689							269,689	269,689					
000000-00-0	Cerberus Institutional Partners Int'l, Series I	Wilmington	DE	Fund Distribution	06/17/2009	03/26/2020	1,609,091							1,609,091	1,609,091					
000000-00-0	Clayton, Dubilier & Rice Fund IX, LP	George Town	CYM	Fund Distribution	11/21/2013	02/20/2020	4,550,740							4,550,740	4,550,740					
000000-00-0	Clayton, Dubilier & Rice X, L.P.	George Town	CYM	Fund Distribution	03/27/2018	03/19/2020	181,598							181,598	181,598					
000000-00-0	Court Square Capital Partners III, LP	Wilmington	DE	Fund Distribution	05/29/2013	01/09/2020	881,367							881,367	881,367					
000000-00-0	Curt Acquisition Holdings, LLC	Wilmington	DE	Fund Distribution	03/04/2014	03/31/2020	3,673,084							3,673,084	3,673,084					
000000-00-0	DWH Equity Investors, L.P.	Wilmington	DE	Fund Distribution	04/06/2015	02/12/2020	2,154,930							2,154,930	2,154,930					
000000-00-0	EMG Utica II Co-Investment, L.P.	Wilmington	DE	Fund Distribution	03/04/2013	03/30/2020	438,191							438,191	438,191					
000000-00-0	Energy & Minerals Group Fund IV, L.P.	Wilmington	DE	Fund Distribution	10/29/2015	03/30/2020	1,112,767							1,112,767	1,112,767					
000000-00-0	FFL Capital Partners IV, LP	Grand Cayman	CYM	Fund Distribution	03/27/2015	03/19/2020	5,412,213							5,412,213	5,412,213					
000000-00-0	Falcon Strategic Partners V, L.P.	Wilmington	DE	Fund Distribution	06/13/2016	03/31/2020	2,772,086							2,772,086	2,772,086					
000000-00-0	Falcon Structured Equity Partners, LP	Wilmington	DE	Fund Distribution	05/06/2019	01/31/2020	744,598							744,598	744,598					
000000-00-0	Fenway Partners Cap Fund II, L.P.	Wilmington	DE	Fund Distribution	10/28/1998	01/17/2020	36,248							36,248	36,248					
000000-00-0	First Reserve Fund XI, L.P.	Wilmington	DE	Fund Distribution	12/14/2006	02/28/2020	188,879							188,879	188,879					
000000-00-0	GI Partners Fund IV L.P.	Wilmington	DE	Fund Distribution	01/24/2014	02/28/2020	764,791							764,791	764,791					
000000-00-0	Genstar Capital Partners VII, LP	Wilmington	DE	Fund Distribution	10/01/2015	03/26/2020	502,943							502,943	502,943					
000000-00-0	Greenbriar Equity Fund IV, L.P.	Wilmington	DE	Fund Distribution	12/14/2018	02/03/2020	1,675							1,675	1,675					
000000-00-0	Gridiron Capital Fund II, L.P.	Wilmington	DE	Fund Distribution	07/25/2011	02/12/2020	3,118,665							3,118,665	3,118,665					
000000-00-0	Gridiron Capital Fund III, L.P.	Wilmington	DE	Fund Distribution	04/06/2015	03/24/2020	(968,077)							(968,077)	(968,077)					
000000-00-0	H.I.G. Bayside Debt & LBO Fund II, LP	Wilmington	DE	Fund Distribution	06/17/2008	02/28/2020	983,465							983,465	983,465					
000000-00-0	H.I.G. Bayside Opportunity Fund, L.P.	Wilmington	DE	Fund Distribution	07/12/2004	02/26/2020	28,234							28,234	28,234					
000000-00-0	ICV Partners IV, LP	Wilmington	DE	Fund Distribution	05/31/2018	02/24/2020	95,453							95,453	95,453					
000000-00-0	Industrial Growth Partners IV, L.P.	Wilmington	DE	Fund Distribution	10/21/2011	02/04/2020	2,579,975							2,579,975	2,579,975					
000000-00-0	Industrial Growth Partners V, L.P.	Wilmington	DE	Fund Distribution	07/01/2016	01/22/2020	40,359							40,359	40,359					
000000-00-0	Kelso Fund VIII	Wilmington	DE	Fund Distribution	11/29/2007	03/04/2020	3,307,169							3,307,169	3,307,169					
000000-00-0	Kelso Investment Associates IX, L.P.	Dover	DE	Fund Distribution	11/23/2015	03/05/2020	1,335,768							1,335,768	1,335,768					
000000-00-0	Kelso Yellowrose Co-Investment, L.P.	Wilmington	DE	Fund Distribution	10/14/2015	01/23/2020	1,616,378							1,616,378	1,616,378					
000000-00-0	Kohlberg Investors VIII, L.P.	Wilmington	DE	Fund Distribution	08/30/2017	01/31/2020	818,686							818,686	818,686					
000000-00-0	LeapFrog Emerging Consumer III, LP	Ebene	MUS	Fund Distribution	12/28/2017	02/11/2020	1,566,550							1,566,550	1,566,550					
000000-00-0	LeapFrog Financial Inclusion Fund II, LP	Port Louis	MUS	Fund Distribution	11/19/2013	01/15/2020	693,397							693,397	693,397					
000000-00-0	Littlejohn Fund III, L.P.	Wilmington	DE	Fund Distribution	01/27/2005	02/05/2020	44,779							44,779	44,779					
000000-00-0	MRI HP SCF Investor, LP	Wilmington	DE	Fund Distribution	02/06/2020	02/06/2020	518,567							518,567	518,567					
000000-00-0	Mountaingate Capital Fund I, LP	Wilmington	DE	Fund Distribution	07/26/2017	03/20/2020	640,561							640,561	640,561					
000000-00-0	NGP Natural Resources Fund X, L.P.	Wilmington	DE	Fund Distribution	01/27/2012	02/24/2020	55,604							55,604	55,604					
000000-00-0	Nautic Partners VII, L.P.	Wilmington	DE	Fund Distribution	10/27/2014	02/20/2020	1,608,963							1,608,963	1,608,963					
000000-00-0	North Haven Capital Partners VI LP	Wilmington	DE	Fund Distribution	10/16/2015	03/31/2020	3,147,977							3,147,977	3,147,977					
000000-00-0	Oaktree European Principal Fund III, L.P.	George Town	CYM	Fund Distribution	11/09/2011	02/03/2020	(748,999)							(748,999)	(748,999)					
000000-00-0	OrbiMed Royalty Opportunities II	Wilmington	DE	Fund Distribution	04/08/2015	03/27/2020	2,867,920							2,867,920	2,867,920					
000000-00-0	PIP Growth Equity Fund I, LP	Wilmington	DE	Fund Distribution	10/17/2014	03/17/2020	377,419							377,419	377,419					
000000-00-0	Pamlico Capital II, LP	Wilmington	DE	Fund Distribution	04/04/2014	01/07/2020	1,118							1,118	1,118					
000000-00-0	Pamlico Capital III, L.P.	Wilmington	DE	Fund Distribution	10/15/2013	01/10/2020	9,196							9,196	9,196					
000000-00-0	Pegasus Partners V, L.P.	Wilmington	DE	Fund Distribution	05/10/2012	03/30/2020	450,416							450,416	450,416					
000000-00-0	Pine Brook Capital Partners II, L.P.	Wilmington	DE	Fund Distribution	11/01/2013	03/31/2020	77,259							77,259	77,259					
000000-00-0	Platinum Equity Capital Partners II, LP	Wilmington	DE	Fund Distribution	10/18/2007	03/30/2020	(1,137,146)							(1,137,146)	(1,137,146)					
000000-00-0	Providence Equity Partners VIII LP	Grand Cayman	CYM	Fund Distribution	07/17/2019	03/23/2020	1,330,954							1,330,954	1,330,954					
000000-00-0	Prudential Capital Partners V, L.P.	Wilmington	DE	Fund Distribution	04/21/2017	03/10/2020	340,896							340,896	340,896					
000000-00-0	Quad-C Partners IX LP	Wilmington	DE	Fund Distribution	04/26/2017	01/21/2020	30,401							30,401	30,401					
000000-00-0	Quadria Capital Fund II LP	Singapore	SGP	Fund Distribution	06/27/2019	01/15/2020	882,768							882,768	882,768					
000000-00-0	Resolute Fund II, LP	Wilmington	DE	Fund Distribution	10/15/2007	03/10/2020	2,149,109							2,149,109	2,149,109					
000000-00-0	Resolute Fund III, LP	Wilmington	DE	Fund Distribution	06/11/2014	03/30/2020	2,468,770							2,468,770	2,468,770					

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STATEMENT AS OF MARCH 31, 2020 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 Encum- brances, Prior Year	9-14 Change in Book/Adjusted Carrying Value						15 Book/ Adjusted Carrying Value Less Encum- brances 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
		City	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	Resolute Fund IV, L.P.	Wilmington	DE	Fund Distribution	12/07/2018	01/15/2020	424,850						424,850	424,850					
000000-00-0	SKYKNIGHT CAPITAL FUND II, L.P.	Wilmington	DE	Fund Distribution	09/12/2018	03/25/2020	500,998						500,998	500,998					
000000-00-0	Stonepeak Infrastructure Fund II, L.P.	Wilmington	DE	Fund Distribution	02/12/2016	03/17/2020	398,081						398,081	398,081					
000000-00-0	Strategic Value Special Situations Fund II, L.P.	Wilmington	DE	Fund Distribution	10/20/2011	03/12/2020	392,106						392,106	392,106					
000000-00-0	Sverica Capital Partners IV, LP	Wilmington	DE	Fund Distribution	10/13/2015	01/31/2020	922,000						922,000	922,000					
000000-00-0	TFCP III Co-Investment LP	St. Peter Port		Liquidation	12/04/2007	02/26/2020	11,036	303,501				303,501	(314,537)					10,814	
000000-00-0	TPG Partners VI, LP	Wilmington	DE	Fund Distribution	04/17/2008	03/27/2020	85,915						85,915	85,915					
000000-00-0	Tailwind Capital Partners II, L.P.	Wilmington	DE	Fund Distribution	05/15/2015	02/14/2020	72,521						72,521	72,521					
000000-00-0	Tailwind Capital Partners III, L.P.	Wilmington	DE	Fund Distribution	09/27/2018	03/06/2020	14,369						14,369	14,369					
000000-00-0	Trident VI, L.P.	George Town	CYM	Fund Distribution	09/12/2014	02/27/2020	2,478,438						2,478,438	2,478,438					
000000-00-0	Trinity Hunt Partners IV	Wilmington	DE	Fund Distribution	11/05/2012	03/18/2020	(821,777)						(821,777)	(821,777)					
000000-00-0	Tritium I, L.P.	Dover	DE	Fund Distribution	12/19/2014	01/10/2020	106,269						106,269	106,269					
000000-00-0	Vestar Capital Partners V, L.P.	George Town	CYM	Fund Distribution	12/19/2005	03/30/2020	646,357						646,357	646,357					
000000-00-0	Vestar Capital Partners VII, L.P.	Grand Cayman	CYM	Fund Distribution	04/02/2018	03/05/2020	181,590						181,590	181,590					
000000-00-0	Warburg Pincus Private Equity XI, L.P.	Wilmington	DE	Fund Distribution	05/24/2012	03/09/2020	(407,364)						(407,364)	(407,364)					
000000-00-0	Welsh, Carson, Anderson, and Stowe XII, L.P.	Wilmington	DE	Fund Distribution	08/26/2015	02/07/2020	1,212,444						1,212,444	1,212,444					
1999999. Joint Venture Interests - Common Stock - Unaffiliated							74,096,638	(1,390,472)				(1,390,472)	1,386,612	74,092,778	74,085,058	(800)	(6,920)	(7,720)	10,814
000000-00-0	Infra Alpha, LLC	Wilmington	DE	Fund Distribution	12/21/2010	02/18/2020	925,198						925,198	925,198					
000000-00-0	OCM Series, LLC	Wilmington	DE	Fund Distribution	06/30/2011	03/01/2020	275,242,298						275,242,298	275,242,298					
000000-00-0	TIAA SynGas, LLC	Wilmington	DE	Fund Distribution	03/31/2011	01/23/2020	380,347						380,347	380,347					
000000-00-0	DIW Inclusive Finance Equity Fund II	Luxembourg	LUX	Fund Distribution	01/10/2014	02/18/2020	47,462						47,462	47,462					
000000-00-0	730 Power Development LLC	Wilmington	DE	Fund Distribution	12/24/2014	01/02/2020	800,000						800,000	800,000					
000000-00-0	Envisage Information Systems, LLC	New York	NY	Fund Distribution	03/31/2014	01/29/2020	4,127,774						4,127,774	4,127,774					
000000-00-0	Growth Capital Fund I, LP	Dover	DE	Fund Distribution	01/04/2016	03/04/2020	18,800,010						18,800,010	18,800,010					
000000-00-0	TIAA SMA Strategies LLC	Wilmington	DE	Fund Distribution	06/30/2016	02/21/2020	3,739,869						3,739,869	3,739,869					
2099999. Joint Venture Interests - Common Stock - Affiliated							304,062,958						304,062,958	304,062,958					
000000-00-0	Avanath Affordable Housing II, LLC	Wilmington	DE	Fund Distribution	07/31/2016	03/31/2020	118,953						118,953	118,953					
000000-00-0	Avanath Affordable Housing III, LLC	Wilmington	DE	Fund Distribution	04/17/2017	01/02/2020	159,957						159,957	159,957					
000000-00-0	Avanath Affordable Housing IV, LLC	Wilmington	DE	Fund Distribution	12/03/2019	01/10/2020	381,386						381,386	381,386					
000000-00-0	Community Reinvestments Partners II, LP	Wilmington	DE	Fund Distribution	07/31/2016	01/09/2020	11,204						11,204	11,204					
000000-00-0	Enterprise Multifamily Opportunity Fund II, LLC	Columbia	MD	Fund Distribution	12/22/2017	02/03/2020	233,985						233,985	233,985					
000000-00-0	GT18 Institutional Investors Co. Limited	George Town	CYM	Fund Distribution	09/27/2017	01/31/2020	23,745						23,745	23,745					
000000-00-0	GT19 Institutional Investors Co. Limited	George Town	CYM	Fund Distribution	09/27/2017	01/31/2020	37,571						37,571	37,571					
000000-00-0	Hines India Fund	Wilmington	DE	Fund Distribution	07/31/2016	03/27/2020	172,000						172,000	172,000					
000000-00-0	NRFC Inception IA, LP	Wilmington	DE	Fund Distribution	07/31/2016	01/10/2020	130						130	130					
000000-00-0	NRFC Inception IB, LP	Wilmington	DE	Fund Distribution	07/31/2016	01/10/2020	38,995						38,995	38,995					
000000-00-0	NRFC Inception II, LP	Wilmington	DE	Fund Distribution	07/31/2016	01/10/2020	255,801						255,801	255,801					
000000-00-0	NRFC Inception IIA, LP	Wilmington	DE	Fund Distribution	07/31/2016	01/10/2020	68,548						68,548	68,548					
000000-00-0	NRFC Inception, LP	Wilmington	DE	Fund Distribution	07/31/2016	01/10/2020	116,419						116,419	116,419					
000000-00-0	Turner-Agassi Charter School Facilities Fund II	Wilmington	DE	Fund Distribution	06/23/2016	03/19/2020	29,383						29,383	29,383					
000000-00-0	Urban Strategy America Fund, L.P.	Wilmington	DE	Fund Distribution	07/31/2016	02/14/2020	37,893						37,893	37,893					
2199999. Joint Venture Interests - Real Estate - Unaffiliated							1,685,970						1,685,970	1,685,970					
000000-00-0	Ceres Agricultural Properties, LLC	Wilmington	DE	Fund Distribution	07/31/2007	03/19/2020	33,271,700						33,271,700	33,271,700					
000000-00-0	NRFC Inception V, LP	Wilmington	DE	Fund Distribution	07/31/2016	03/20/2020	127,598						127,598	127,598					
000000-00-0	Western A Midwest TN LLC	N/A	DE	TIAA	10/04/2019	03/31/2020	36,641,795						36,641,795	36,641,795					
000000-00-0	Dionysus Properties, LLC	Wilmington	DE	Fund Distribution	06/28/2011	03/26/2020	10,000,000						10,000,000	10,000,000					
000000-00-0	TIAA Global Ag Holdco LLC	Wilmington	DE	Fund Distribution	06/03/2011	02/10/2020	959,966						959,966	959,966					
000000-00-0	TIAA Timberlands II, LLC	Wilmington	DE	Fund Distribution	11/15/1999	12/23/2019	(1,403,514)						(1,403,514)	(1,403,514)					
000000-00-0	U.S. Cities Multifamily Fund LP	Various		Various	10/01/2019	03/31/2020	226,856						226,856	226,856					
000000-00-0	New York City Property Fund LP	Various		Various	10/24/2019	03/31/2020	5,310,689						5,310,689	5,310,689					
000000-00-0	TIAA Union Place Phase I LLC	N/A	DE	TIAA	01/18/2007	03/31/2020	1,091,782						1,091,782	1,091,782					
000000-00-0	T-C JK I LLC	N/A	DE	TIAA	01/13/2014	03/31/2020	53,932						53,932	53,932					

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STATEMENT AS OF MARCH 31, 2020 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	2	Location		5	6	7	8	Change in Book/Adjusted Carrying Value						15	16	17	18	19	20	
		3	4					9	10	11	12	13	14							
CUSIP Identification	Name or Description	City	State	Name of Purchaser or Nature of Disposal	Date Originally Acquired	Disposal Date	Book/Adjusted Carrying Value Less Encumbrances, Prior Year	Unrealized Valuation Increase (Decrease)	Current Year's (Depreciation) or (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Capitalized Deferred Interest and Other	Total Change in Book/Adjusted Carrying Value (9+10-11+12)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Book/Adjusted Carrying Value Less Encumbrances on Disposal	Consideration	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Investment Income	
000000-00-0	T-C JK II LLC	N/A	DE	TIAA	01/13/2014	03/31/2020	51,817							51,817	51,817					
000000-00-0	T-C 699 Bourke Street LLC	N/A	DE	TIAA	02/20/2014	03/31/2020	24,913							24,913	24,913					
000000-00-0	T-C Mt. Omaney Centre Holding Company LLC	N/A	DE	TIAA	09/26/2014	03/31/2020	989,609							989,609	989,609					
000000-00-0	T-C 101 Miller Street Holding Company LLC	N/A	DE	TIAA	10/10/2014	03/31/2020	7,899,558							7,899,558	7,899,558					
000000-00-0	TGA Japan Holdings, LLC	N/A	DE	TIAA	08/10/2016	03/31/2020	(489,091)							(489,091)	(489,091)					
000000-00-0	TIAA Realty LLC	N/A	DE	TIAA	01/01/2013	03/31/2020	941,906							941,906	941,906					
000000-00-0	TGA APAC Fund Holdings, LLC	N/A	DE	TIAA	07/20/2017	03/31/2020	403,691							403,691	403,691					
000000-00-0	Casa Student Housing Fund Holdings, LLC	N/A	DE	TIAA	10/08/2014	03/31/2020	731,239							731,239	731,239					
000000-00-0	TGA MS Self Storage Investor Member, LLC	N/A	DE	TIAA	09/14/2018	03/31/2020	1,080,000							1,080,000	1,080,000					
000000-00-0	Western A East Mezz LLC	N/A	DE	TIAA	10/04/2019	03/31/2020	302,054,691							302,054,691	302,054,691					
2299999. Joint Venture Interests - Real Estate - Affiliated							399,969,137							399,969,137	399,969,137					
000000-00-0	PCCP Credit IX, LP	Dover	DE	Fund Distribution	07/17/2017	03/30/2020	2,536,777							2,536,777	2,536,777					
000000-00-0	PCCP Credit VI, LP	Wilmington	DE	Fund Distribution	06/30/2015	03/26/2020	167,849							167,849	167,849					
000000-00-0	RICHMAC Mortgage Assets Company I, LLC	Wilmington	DE	Fund Distribution	07/31/2016	03/13/2020	83,702							83,702	83,702					
000000-00-0	RICHMAC Mortgage Assets Company II, LLC - Series A	Dover	DE	Fund Distribution	07/31/2016	03/13/2020	72,744							72,744	72,744					
000000-00-0	TRUE NORTH High Yield Investment Fund II, LLC	Wilmington	DE	Fund Distribution	05/17/2010	03/10/2020	606,143							606,143	606,143					
2399999. Joint Venture Interests - Mortgage Loans - Unaffiliated							3,467,215							3,467,215	3,467,215					
000000-00-0	Global Real Estate Debt Partners - Fund I (UK) SCSp-SIF	Luxembourg	LUX	Fund Distribution	03/30/2015	03/18/2020	4,729,013					922,367		5,651,380	4,729,013	(922,367)		(922,367)		
000000-00-0	T-C MV Member LLC	N/A	DE	TIAA	12/02/2016	03/31/2020	103,921,137							103,921,137	103,921,137					
000000-00-0	Primary Residential Individual Mortgage Entity Trust	Wilmington	DE	Fund Distribution	11/17/2016	03/25/2020	31,133,308							31,133,308	31,133,308					
2499999. Joint Venture Interests - Mortgage Loans - Affiliated							139,783,458					922,367		140,705,825	139,783,458	(922,367)		(922,367)		
000000-00-0	Cyprum Parallel Investors V LP	Wilmington	DE	Fund Distribution	08/15/2019	01/08/2020	295,229							295,229	295,229					
000000-00-0	Atlas Capital Resources, L.P.	Wilmington	DE	Fund Distribution	02/22/2010	03/30/2020	(2,546,256)							(2,546,256)	(2,546,256)					
000000-00-0	Benefit Street Partners Debt Fund IV, LP	Wilmington	DE	Fund Distribution	03/27/2017	03/04/2020	491,001							491,001	491,001					
000000-00-0	Bison Capital Partners IV, L.P.	Wilmington	DE	Fund Distribution	04/25/2012	02/21/2020	90,521							90,521	90,521					
000000-00-0	Cyprum Investors IV, L.P.	Wilmington	DE	Fund Distribution	12/30/2013	02/14/2020	(659,179)							(659,179)	(659,179)					
000000-00-0	LNR EUROPE	Luxembourg	LUX	Liquidation	02/24/2005	03/31/2020	25,872	(20,599)				(20,599)	(5,273)							143,204
000000-00-0	Lexington Capital Partners VI, LP	Wilmington	DE	Fund Distribution	12/28/2005	03/30/2020	442,396							442,396	442,396					
000000-00-0	NXT Capital Senior Loan Fund II, LP	George Town	CYM	Fund Distribution	08/12/2013	03/10/2020	1,497,804							1,497,804	1,497,804					
000000-00-0	Providence Debt Fund III	Wilmington	DE	Fund Distribution	01/31/2014	03/30/2020	1,030,671							1,030,671	1,030,671					
000000-00-0	Prudential Capital Partners IV, L.P.	Wilmington	DE	Fund Distribution	12/20/2012	03/27/2020	202,696							202,696	202,696					
000000-00-0	Quad-C Partners VIII LP	Wilmington	DE	Fund Distribution	11/26/2012	03/31/2020	3,581,227							3,581,227	3,581,227					
000000-00-0	Royalty Opportunities S.ar.l	Luxembourg	LUX	Fund Distribution	08/30/2011	03/24/2020	125,859							125,859	125,859					
000000-00-0	Summit Partners Credit Fund II, L.P.	Wilmington	DE	Fund Distribution	11/04/2014	01/23/2020	1,060,052							1,060,052	1,060,052					
000000-00-0	TCL Aventura, L.P.	Wilmington	DE	Fund Distribution	10/25/2011	02/21/2020	606,112							606,112	606,112					
2599999. Joint Venture Interests - Other - Unaffiliated							6,244,005	(20,599)				(20,599)	(5,273)	6,218,133	6,218,133					143,204
000000-00-0	TIAA-CREF Asset Management Distressed Opportunities Fund, LP	Wilmington	DE	Fund Distribution	01/28/2009	01/08/2020	1,750,000							1,750,000	1,750,000					
000000-00-0	Churchill Middle Market Senior Loan Fund, LP	Wilmington	DE	Fund Distribution	07/21/2016	02/18/2020	384,874							384,874	384,874					
000000-00-0	GreshamQuant Alternative Commodity Absolute Return	Wilmington	DE	Fund Distribution	02/24/2017	03/11/2020	47,500,000							47,500,000	47,500,000					
000000-00-0	Nuveen Municipal Opportunities Fund LP	Wilmington	DE	Fund Distribution	05/06/2019	02/25/2020	253,764							253,764	253,764					
000000-00-0	T-C SBMC Joint Venture LLC	Wilmington	DE	Fund Distribution	06/19/2013	03/31/2020	1,465							1,465	1,465					
2699999. Joint Venture Interests - Other - Affiliated							49,890,103							49,890,103	49,890,103					
4899999. Total - Unaffiliated							85,493,828	(1,411,071)					(1,411,071)	1,381,339	85,464,096	85,456,376	(800)	(6,920)	(7,720)	154,018
4999999. Total - Affiliated							893,705,656						922,367	894,628,023	893,705,656	(922,367)		(922,367)		
5099999 - Totals							979,199,484	(1,411,071)					(1,411,071)	2,303,706	980,092,119	979,162,032	(923,167)	(6,920)	(930,087)	154,018

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STATEMENT AS OF MARCH 31, 2020 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
311995-E2-6	.FHA PROJECT LN#9 .FHA PROJECT LN#9 7.43 7.430% 05/01/23		.01/01/2020	Interest Capitalization		(3,712)	(3,712)		6*
3617AC-CP-3	GNMA POOL BA0078 4.010% 03/15/44		.01/30/2020	Taxable Exchange		73,945,126	64,945,557	209,792	1
3617H1-ZD-2	GN BH4340 4.530% 02/15/46		.02/21/2020	WELLS FARGO		3,209,415	3,228,698	9,537	1
3617JF-MA-9	GN BL3053 4.330% 05/15/35		.02/13/2020	WELLS FARGO		4,709,736	4,606,099	11,410	1
36196L-LV-1	GN AX8440 3.340% 07/15/44		.01/17/2020	WELLS FARGO		9,297,397	9,297,397	19,840	1
38373M-VJ-3	GNR 2007-12 Z CSTR DLY Z SEQ 4.557% 02/16/47		.03/01/2020	Interest Capitalization		102,116	102,116		1
38374N-BB-6	GNR 2006-67 Z DLY Z AFC SEQ 5.415% 11/16/46		.03/01/2020	Interest Capitalization		275,087	275,087		1
38374N-V7-9	GNR 2006-63 Z Z AFC SEQ 4.665% 10/16/46		.03/01/2020	Interest Capitalization		150,706	150,706		1
38375C-M2-3	GNR 2012-71 Z SC Z SEQ 3.500% 01/20/42		.03/01/2020	Interest Capitalization		336,326	336,326		1
38375C-M5-6	GNR 2012-71 JZ SC Z SEQ 3.500% 04/16/41		.03/01/2020	Interest Capitalization		254,475	254,475		1
38375C-PC-8	GNR 2012-47 ZP Z AD PAC-11 3.500% 04/20/42		.03/01/2020	Interest Capitalization		260,300	260,300		1
38375C-PN-2	GNR 2012-48 Z Z SEQ 3.500% 04/20/42		.03/01/2020	Interest Capitalization		250,090	250,090		1
38375C-VC-1	GNR 2012-54 VZ Z SEQ 3.500% 04/20/42		.03/01/2020	Interest Capitalization		109,992	109,992		1
38375C-VX-5	GNR 2012-43 Z Z SEQ 3.500% 04/20/42		.03/01/2020	Interest Capitalization		286,801	286,801		1
38375C-WZ-9	GNR 2012-43 HZ Z PAC-11 3.500% 04/20/42		.03/01/2020	Interest Capitalization		114,720	114,720		1
38375G-CG-4	GNR 2012-73 NZ Z AD PAC-1-11 3.500% 06/20/42		.03/01/2020	Interest Capitalization		98,326	98,326		1
38375G-OP-9	GNR 2012-94 BZ Z SEQ 3.500% 07/20/42		.03/01/2020	Interest Capitalization		339,127	339,127		1
38375G-RK-9	GNR 2012-92 Z SC Z SEQ 3.500% 04/20/42		.03/01/2020	Interest Capitalization		245,877	245,877		1
38375J-CK-9	GNR 2006-68 Z Z AFC SEQ 5.454% 05/16/46		.01/01/2020	Interest Capitalization		39,853	39,853		1
38375J-KZ-7	GNR 2007-4 Z CSTR Z SEQ 4.337% 01/16/47		.03/01/2020	Interest Capitalization		213,933	213,933		1
38376C-ZH-5	GNR 2009-76 BZ Z SLP 5.500% 09/16/39		.03/01/2020	Interest Capitalization		108,387	108,387		1
38376F-ZT-2	GNR 2009-74 JZ Z SLP 5.500% 09/20/39		.03/01/2020	Interest Capitalization		1,231	1,231		1
38376K-ZC-8	GNR 2009-97 PZ SC Z SEQ 5.000% 08/16/39		.03/01/2020	Interest Capitalization		411,729	411,729		1
38376L-TP-4	GNR 2011-80 BZ Z SEQ 3.500% 06/16/41		.03/01/2020	Interest Capitalization		149,394	149,394		1
38376P-AK-6	GNR 2009-121 ZA Z AD PAC-1-11 5.000% 12/20/39		.03/01/2020	Interest Capitalization		425,378	425,378		1
38376T-DV-1	GNR 2010-2 PZ Z PAC-1 5.000% 01/20/40		.01/01/2020	Interest Capitalization		280,923	280,923		1
38376T-KH-4	GNR 2010-3 YZ SC Z SEQ 5.000% 12/20/39		.03/01/2020	Interest Capitalization		392,837	392,837		1
38376V-SZ-8	GNR 2010-26 PZ SC Z SEQ 5.000% 01/20/40		.03/01/2020	Interest Capitalization		621,866	621,866		1
38376X-NW-9	GNR 2010-29 CZ Z PAC-1-11 5.000% 03/20/40		.03/01/2020	Interest Capitalization		219,036	219,036		1
38376X-S7-9	GNR 2010-51 WZ Z PAC-1-11 5.000% 04/20/40		.03/01/2020	Interest Capitalization		427,125	427,125		1
38376X-VV-2	GNR 2010-30 ZN Z PAC-1-11 5.000% 03/16/40		.03/01/2020	Interest Capitalization		332,719	332,719		1
38377J-P3-1	GNR 2010-111 ZB Z SLP 4.500% 09/16/40		.03/01/2020	Interest Capitalization		243,037	243,037		1
38377J-PS-6	GNR 2010-98 VZ Z SEQ 4.500% 08/20/40		.03/01/2020	Interest Capitalization		329,089	329,089		1
38377K-A6-7	GNR 2010-112 Z Z SEQ 4.500% 09/16/40		.03/01/2020	Interest Capitalization		235,074	235,074		1
38377K-C9-9	GNR 2010-112 TZ SC Z PAC-11 4.500% 07/20/40		.03/01/2020	Interest Capitalization		445,545	445,545		1
38377M-KZ-6	GNR 2010-146 ZK SC Z AD SEQ 4.500% 06/20/40		.03/01/2020	Interest Capitalization		290,343	290,343		1
38377M-VJ-2	GNR 2010-146 ZC Z PAC-1-11 4.000% 11/16/40		.03/01/2020	Interest Capitalization		165,066	165,066		1
38377N-SS-4	GNR 2010-167 AZ Z AD PAC-11 4.250% 12/20/40		.03/01/2020	Interest Capitalization		221,278	221,278		1
38377N-T2-0	GNR 2010-164 JZ Z SEQ 4.000% 12/20/40		.03/01/2020	Interest Capitalization		113,543	113,543		1
38377N-VD-3	GNR 2010-167 YZ SC Z AD SEQ 4.500% 09/16/40		.03/01/2020	Interest Capitalization		140,129	140,129		1
38377R-LJ-2	GNR 2010-160 MZ Z AD PAC-1-11 4.500% 12/20/40		.03/01/2020	Interest Capitalization		153,511	153,511		1
38377R-LU-7	GNR 2010-160 ZY Z PAC-11 4.500% 12/20/40		.03/01/2020	Interest Capitalization		589,683	589,683		1
38377T-AZ-1	GNR 2011-23 PZ SC Z SEQ 4.500% 01/20/41		.03/01/2020	Interest Capitalization		251,872	251,872		1
38377T-B5-9	GNR 2011-19 ZC SC Z SEQ 5.000% 05/20/40		.03/01/2020	Interest Capitalization		314,041	314,041		1
38377T-L8-2	GNR 2011-24 Z Z SEQ 3.500% 02/20/41		.03/01/2020	Interest Capitalization		119,495	119,495		1
38377U-O9-2	GNR 2011-48 ZB Z SEQ 4.500% 04/20/41		.03/01/2020	Interest Capitalization		361,169	361,169		1
38377V-BC-9	GNR 2011-51 AZ Z SEQ 4.500% 04/16/41		.03/01/2020	Interest Capitalization		214,122	214,122		1
38377V-CB-0	GNR 2011-51 MZ Z PAC-1-11 4.000% 04/20/41		.03/01/2020	Interest Capitalization		210,652	210,652		1
38377V-CP-9	GNR 2011-51 ZD Z AD PAC-1-11 4.000% 04/20/41		.03/01/2020	Interest Capitalization		141,825	141,825		1
38377W-J8-8	GNR 2011-94 Z Z SEQ 4.000% 07/20/41		.03/01/2020	Interest Capitalization		148,504	148,504		1
38377X-C8-3	GNR 2011-133 MZ Z SEQ 3.500% 09/16/41		.03/01/2020	Interest Capitalization		141,985	141,985		1
38377X-PX-4	GNR 2011-117 ZA SC Z PT 4.500% 04/16/41		.03/01/2020	Interest Capitalization		293,286	293,286		1
38378A-SC-1	GNR 2012-8 PZ Z AD PAC-1-11 4.000% 01/20/42		.03/01/2020	Interest Capitalization		84,883	84,883		1
38378A-R5-2	GNR 2011-160 Z Z SEQ 3.500% 12/20/41		.03/01/2020	Interest Capitalization		238,629	238,629		1
38378A-WZ-0	GNR 2011-157 OZ Z SEQ 3.500% 12/20/41		.03/01/2020	Interest Capitalization		194,217	194,217		1
38378A-X7-1	GNR 2011-158 KZ SC Z SEQ 4.500% 05/20/41		.03/01/2020	Interest Capitalization		418,092	418,092		1
38378A-YX-3	GNR 2011-157 ZC EXCH SC Z PAC-11 4.000% 04/16/41		.03/01/2020	Interest Capitalization		217,271	217,271		1
38378C-3P-0	GNR 2012-26 ZA Z SEQ 3.500% 02/20/42		.03/01/2020	Interest Capitalization		227,791	227,791		1
38378C-CV-7	GNR 2011-169 AZ Z SEQ 3.500% 12/20/41		.03/01/2020	Interest Capitalization		171,021	171,021		1
38378C-E6-0	GNR 2012-3 HZ Z SEQ 3.500% 01/20/42		.03/01/2020	Interest Capitalization		192,975	192,975		1
38378C-LR-6	GNR 2012-13 ZK Z SEQ 3.500% 01/20/42		.03/01/2020	Interest Capitalization		593,992	593,992		1

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STATEMENT AS OF MARCH 31, 2020 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
38378C-NT-0	GNR 2012-7 Z Z SEQ 3.500% 01/20/42		03/01/2020	Interest Capitalization		282,929	282,929		1
38378D-CV-5	GNR 2012-16 VZ Z SEQ 3.500% 02/20/42		03/01/2020	Interest Capitalization		1,071,377	1,071,377		1
38378D-DK-8	GNR 2012-16 ZP Z PAC-11 3.500% 02/20/42		03/01/2020	Interest Capitalization		284,163	284,163		1
38378D-DP-7	GNR 2012-16 ZG SC Z PAC-11 4.000% 09/20/40		03/01/2020	Interest Capitalization		100,617	100,617		1
38378D-E8-4	GNR 2012-31 ZP Z PAC-11 3.500% 03/20/42		03/01/2020	Interest Capitalization		128,689	128,689		1
38378D-F6-7	GNR 2012-31 GZ Z SEQ 3.500% 03/20/42		03/01/2020	Interest Capitalization		208,111	208,111		1
38378D-HD-4	GNR 2012-20 CZ Z SEQ 3.500% 02/20/42		03/01/2020	Interest Capitalization		462,798	462,798		1
38378E-2M-4	GNR 2012-91 ZD Z SEQ 3.500% 07/20/42		03/01/2020	Interest Capitalization		138,553	138,553		1
38378E-BG-7	GNR 2012-51 ZM Z SEQ 3.500% 04/16/42		03/01/2020	Interest Capitalization		177,748	177,748		1
38378E-BU-6	GNR 2012-51 ZQ Z AD PAC-11 3.500% 04/20/42		03/01/2020	Interest Capitalization		130,196	130,196		1
38378E-JN-4	GNR 2012-65 BZ Z SEQ 3.500% 05/20/42		03/01/2020	Interest Capitalization		171,580	171,580		1
38378E-TD-5	GNR 2012-68 CZ Z SEQ 3.000% 05/20/42		03/01/2020	Interest Capitalization		106,401	106,401		1
38378E-ZG-1	GNR 2012-64 ZA Z SEQ 3.500% 05/16/42		03/01/2020	Interest Capitalization		156,710	156,710		1
38378G-DU-9	GNR 2012-140 ZT SC Z AD SEQ 3.000% 02/20/42		03/01/2020	Interest Capitalization		129,400	129,400		1
38378G-HR-2	GNR 2012-129 Z Z SEQ 3.000% 11/20/42		03/01/2020	Interest Capitalization		123,014	123,014		1
38378J-4B-5	GNR 2013-75 ZG Z SEQ 3.000% 05/20/43		03/01/2020	Interest Capitalization		91,711	91,711		1
38378J-NQ-1	GNR 2013-37 ZG Z SEQ 3.000% 03/20/43		03/01/2020	Interest Capitalization		76,526	76,526		1
38378M-BD-6	GNR 2013-23 ZC Z SEQ 3.000% 02/20/43		03/01/2020	Interest Capitalization		647,882	647,882		1
38378M-BJ-3	GNR 2013-23 ZU SC Z SEQ 2.500% 11/20/42		03/01/2020	Interest Capitalization		322,624	322,624		1
38378M-UE-3	GNR 2013-53 Z Z SEQ 3.000% 04/20/43		03/01/2020	Interest Capitalization		86,092	86,092		1
38378P-2M-9	GNR 2014-4 Z Z SEQ 4.000% 01/20/44		03/01/2020	Interest Capitalization		139,808	139,808		1
38378P-A7-3	GNR 2014-10 BZ EXCH Z SEQ 2.500% 01/16/44		03/01/2020	Interest Capitalization		190,865	190,865		1
38378P-CB-2	GNR 2013-192 MZ Z SEQ 3.500% 12/20/43		03/01/2020	Interest Capitalization		124,119	124,119		1
38378P-F7-8	GNR 2014-12 NZ Z SEQ 3.000% 01/20/44		03/01/2020	Interest Capitalization		397,831	397,831		1
38378P-KX-5	GNR 2013-188 DZ Z SEQ 2.500% 12/20/43		03/01/2020	Interest Capitalization		302,534	302,534		1
38378T-HD-5	GNR 2013-79 Z Z SEQ 3.000% 05/20/43		03/01/2020	Interest Capitalization		135,038	135,038		1
38378T-KY-5	GNR 2013-70 ZA Z SEQ 3.500% 05/20/43		03/01/2020	Interest Capitalization		105,388	105,388		1
38378T-XH-8	GNR 2013-90 Z Z SEQ 3.500% 06/20/43		03/01/2020	Interest Capitalization		118,882	118,882		1
38378T-YM-6	GNR 2013-90 BZ Z SEQ 3.500% 06/20/43		03/01/2020	Interest Capitalization		110,137	110,137		1
38378V-V6-9	GNR 2013-117 VZ Z SEQ 3.500% 08/20/43		03/01/2020	Interest Capitalization		170,159	170,159		1
38378V-V8-5	GNR 2013-117 AZ Z SEQ 3.500% 08/20/43		03/01/2020	Interest Capitalization		197,358	197,358		1
38378W-VN-0	GNR 2013-124 BZ Z SEQ 3.500% 08/20/43		03/01/2020	Interest Capitalization		382,750	382,750		1
38378Y-ZL-6	GNR 2014-3 AZ Z SEQ 3.000% 01/20/44		03/01/2020	Interest Capitalization		170,803	170,803		1
38379C-IH-5	GNR 2014-90 Z Z SEQ 3.500% 06/20/44		03/01/2020	Interest Capitalization		136,986	136,986		1
38379Y-AX-6	GOVERNMENT NATIONAL MORTGAGE SERIES 2016-66 CLASS ZA 3.500% 07/16/44		03/01/2020	Interest Capitalization		100,809	100,809		1
38380C-P9-8	GNR 2017-26 ZB EXCH SC Z PAC PT 3.000% 02/20/47		03/01/2020	Interest Capitalization		158,155	158,155		1
38380C-PQ-0	GNR 2017-5 LZ SC Z SEQ 3.000% 12/20/46		03/01/2020	Interest Capitalization		101,755	101,755		1
38380G-KT-0	GOVERNMENT NATIONAL MORTGAGE SERIES 2017-117 CLASS CZ 3.000% 08/20/47		03/01/2020	Interest Capitalization		79,441	79,441		1
38381A-XE-1	GNR 2018-154 GZ Z SEQ 4.000% 11/20/48		03/01/2020	Interest Capitalization		106,383	106,383		1
38381B-E5-9	GOVERNMENT NATIONAL MORTGAGE SERIES 2019-5 CLASS ZC 3.500% 11/20/48		03/01/2020	Interest Capitalization		20,859	20,859		1
912828-Z9-4	US TREASURY N B 1.500% 02/15/30		03/31/2020	Various		1,265,263,672	1,193,000,000	1,930,000	1
Z22660-77-2	FEDERAL HOUSING ADMINISTRATION FHA PROJECT LOAN -CLC/PLC 7.750% 01/25/23		01/01/2020	Interest Capitalization		(1,242,960)	(1,242,960)		1
0599999. Subtotal - Bonds - U.S. Governments						1,376,716,329	1,295,868,734	2,181,087	XXX
748148-RZ-8	PROVINCE OF QUEBEC SERIES QX 1.500% 02/11/25	A.	02/04/2020	Various		37,297,125	37,500,000		1FE
46513J-XN-6	STATE OF ISRAEL 3.375% 01/15/50	D.	01/08/2020	CITIGROUP GLOBAL MARKETS INC		20,041,593	20,550,000		1FE
80413T-AQ-2	SAUDI INTERNATIONAL BOND SERIES 144A 2.750% 02/03/32	D.	01/21/2020	STANDARD CHARTERED BANK		14,809,350	15,000,000		1FE
X7360W-BD-3	ROMANIA ROMANIA 3.375% 01/28/50	B.	01/21/2020	BNP PARIBAS		10,069,084	10,099,180		2FE
Y6972F-ZY-9	REPUBLIC OF PHILIPPINES 0.700% 02/03/29	B.	01/21/2020	CITIGROUP GLOBAL MARKETS INC		9,943,153	9,988,200		2FE
1099999. Subtotal - Bonds - All Other Governments						92,160,305	93,137,380		XXX
89917*-AA-3	COUNTY OF TULARE TULARE CNTY SR-SEC 3.660% 08/25/45		01/28/2020	WATERWAY CAPITAL		16,326,623	16,165,200		1Z
U7364K-AA-8	PLENARY JUSTICE MIAMI SR-UNSEC 3.697% 12/31/53		01/29/2020	PLENARY JUSTICE MIAMI		18,034,966	18,034,966		1FE
2499999. Subtotal - Bonds - U.S. Political Subdivisions of States, Territories and Possessions						34,361,589	34,200,166		XXX
20753M-AF-5	CAS 2019-R03 1M2 EXCH SUB FLT 3.097% 09/25/31		03/16/2020	BANK OF AMERICA		2,062,948	2,187,354	5,048	1FM
20754W-AB-1	FANNIE MAE CAS SERIES 2020-R02 CLASS 2M2 144A 2.947% 01/25/40		03/09/2020	Various		17,939,759	18,033,000	4,626	4FE
3136A1-FH-3	FNR 2011-98 ZA Z SEQ 3.500% 10/25/41		03/01/2020	Interest Capitalization		952,272			1
3136A1-KE-4	FNR 2011-99 CZ Z SEQ 4.500% 10/25/41		03/01/2020	Interest Capitalization		163,573	163,573		1
3136A4-3X-5	FNR 2012-38 ZB Z SEQ 4.000% 04/25/42		03/01/2020	Interest Capitalization		273,454	273,454		1
3136A4-6H-7	FNR 2012-37 EZ Z SEQ 3.500% 04/25/42		03/01/2020	Interest Capitalization		123,399	123,399		1
3136A5-ER-3	FNR 2012-36 JZ EXCH Z AD PAC-11 3.500% 04/25/42		03/01/2020	Interest Capitalization		186,733	186,733		1
3136A5-X8-4	FNR 2012-50 Z Z SEQ 4.000% 05/25/42		03/01/2020	Interest Capitalization		154,738	154,738		1

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STATEMENT AS OF MARCH 31, 2020 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
3136AF-ZE-7	FNR 2013-90 ZV Z SEQ 4.000% 08/25/43		03/01/2020	Interest Capitalization		388,912	388,912		1
3136AG-EU-2	FNR 2013-98 ZM Z SUP 4.500% 09/25/43		03/01/2020	Interest Capitalization		325,997	325,997		1
3136AG-GT-3	FNR 2013-91 CZ Z SEQ 4.000% 09/25/43		03/01/2020	Interest Capitalization		359,022	359,022		1
3136AG-LN-0	FNR 2013-93 ZV Z SEQ 3.500% 09/25/43		03/01/2020	Interest Capitalization		238,494	238,494		1
3136AG-TQ-5	FNR 2013-100 CZ Z SEQ 4.000% 10/25/43		03/01/2020	Interest Capitalization		346,953	346,953		1
3136AH-3L-2	FNR 2014-7 Z Z SEQ 3.500% 02/25/44		03/01/2020	Interest Capitalization		434,601	434,601		1
3136AH-5D-8	FNR 2014-5 DZ SC Z SEQ 4.000% 01/25/42		03/01/2020	Interest Capitalization		119,290	119,290		1
3136AH-OF-5	FNR 2013-118 Z Z SEQ 3.500% 12/25/43		03/01/2020	Interest Capitalization		173,671	173,671		1
3136AH-SH-1	FNR 2013-137 Z EXGH Z SEQ 3.500% 01/25/44		03/01/2020	Interest Capitalization		146,303	146,303		1
3136AJ-5U-6	FNR 2014-27 ZC Z SEQ 4.000% 05/25/44		03/01/2020	Interest Capitalization		156,234	156,234		1
3136AJ-06-1	FNR 2014-26 GZ Z SEQ 3.000% 05/25/44		03/01/2020	Interest Capitalization		172,813	172,813		1
3136AJ-D2-9	FNR 2014-26 KZ Z SEQ 4.000% 05/25/44		03/01/2020	Interest Capitalization		233,290	233,290		1
3136AJ-GY-6	FNR 2014-11 Z SC Z SEQ 4.500% 04/25/42		03/01/2020	Interest Capitalization		167,756	167,756		1
3136AJ-K9-6	FNR 2014-28 ZA Z SEQ 3.000% 05/25/44		03/01/2020	Interest Capitalization		330,491	330,491		1
3136AJ-PR-1	FNR 2014-19 ZJ Z SEQ 4.500% 04/25/44		03/01/2020	Interest Capitalization		418,504	418,504		1
3136AK-6J-7	FNR 2014-65 DZ Z SEQ 3.500% 10/25/44		03/01/2020	Interest Capitalization		245,049	245,049		1
3136AK-KA-0	FNR 2014-41 ZB EXGH Z SEQ 3.000% 07/25/44		03/01/2020	Interest Capitalization		183,134	183,134		1
3136AK-S5-3	FNR 2014-53 VZ Z SEQ 3.500% 09/25/44		03/01/2020	Interest Capitalization		521,027	521,027		1
3136AK-V5-9	FNR 2014-55 MZ Z SEQ 3.000% 09/25/44		03/01/2020	Interest Capitalization		227,086	227,086		1
3136AK-VH-3	FNR 2014-46 DZ EXGH Z SEQ 3.000% 08/25/44		03/01/2020	Interest Capitalization		258,438	258,438		1
3136AK-YO-0	FNR 2014-56 ZE Z SEQ 3.500% 09/25/44		03/01/2020	Interest Capitalization		105,736	105,736		1
3136AL-ZL-0	FNR 2014-59 ZB Z SEQ 3.000% 09/25/44		03/01/2020	Interest Capitalization		239,453	239,453		1
3136AL-DZ-1	FNR 2014-60 LZ Z SEQ 3.500% 10/25/44		03/01/2020	Interest Capitalization		324,002	324,002		1
3136AL-EY-3	FNR 2014-66 VZ Z SEQ 3.000% 10/25/44		03/01/2020	Interest Capitalization		198,329	198,329		1
3136AL-NX-5	FNR 2014-76 Z Z SEQ 3.500% 11/25/44		03/01/2020	Interest Capitalization		294,342	294,342		1
3136AL-WH-0	FNR 2014-70 DZ EXGH Z SEQ 3.000% 11/25/44		03/01/2020	Interest Capitalization		165,385	165,385		1
3136AM-4R-7	FNR 2015-23 ZA Z SEQ 3.500% 04/25/45		03/01/2020	Interest Capitalization		153,827	153,827		1
3136AR-WF-2	FNR 2016-13 Z Z SEQ 4.000% 03/25/46		03/01/2020	Interest Capitalization		181,827	181,827		1
3136AR-VT-2	FNR 2016-17 ZB Z SEQ 4.000% 04/25/46		03/01/2020	Interest Capitalization		153,879	153,879		1
3136AT-WH-0	FNR 2016-81 PZ Z AD PAC-11 3.000% 11/25/46		03/01/2020	Interest Capitalization		160,030	160,030		1
3136AU-6P-1	FNR 2017-2 ZH Z SEQ 3.000% 02/25/47		03/01/2020	Interest Capitalization		119,059	119,059		1
3136AU-6T-3	FNR 2017-2 ZE Z SEQ 3.000% 02/25/47		03/01/2020	Interest Capitalization		127,938	127,938		1
3136AU-SE-2	FNR 2016-92 ZA Z SEQ 3.000% 12/25/46		03/01/2020	Interest Capitalization		186,720	186,720		1
3136AU-U3-3	FNR 2016-104 CZ Z SEQ 3.500% 01/25/47		03/01/2020	Interest Capitalization		113,166	113,166		1
3136AV-0F-4	FNR 2017-5 DZ Z SEQ 3.000% 02/25/47		03/01/2020	Interest Capitalization		82,711	82,711		1
3136AV-0E-3	FNR 2017-13 MZ Z SEQ 3.000% 02/25/47		03/01/2020	Interest Capitalization		166,383	166,383		1
3136AV-H9-3	FNR 2017-17 ZL Z SEQ 3.000% 03/25/47		03/01/2020	Interest Capitalization		319,892	319,892		1
3136AV-HM-4	FNR 2017-4 ZA Z SEQ 3.500% 02/25/47		03/01/2020	Interest Capitalization		651,056	651,056		1
3136AV-J6-7	FNR 2017-17 ZE Z SEQ 3.000% 03/25/47		03/01/2020	Interest Capitalization		180,939	180,939		1
3136AV-LL-1	FNR 2017-15 MZ Z SEQ 3.000% 03/25/47		03/01/2020	Interest Capitalization		179,407	179,407		1
3136AV-ME-6	FNR 2017-15 CZ Z SEQ 3.000% 03/25/47		03/01/2020	Interest Capitalization		111,858	111,858		1
3136AV-PX-1	FNR 2017-18 Z Z SEQ 3.000% 03/25/47		03/01/2020	Interest Capitalization		155,764	155,764		1
3136AV-QN-2	FNR 2017-18 CZ Z SEQ 3.000% 03/25/47		03/01/2020	Interest Capitalization		237,541	237,541		1
3136AV-R6-8	FNR 2017-24 Z Z SEQ 3.000% 04/25/47		03/01/2020	Interest Capitalization		117,455	117,455		1
3136AV-SF-7	FNR 2017-11 ZE Z SEQ 3.000% 03/25/47		03/01/2020	Interest Capitalization		473,766	473,766		1
3136AV-TV-1	FNR 2017-12 TZ Z SEQ 3.000% 03/25/47		03/01/2020	Interest Capitalization		204,624	204,624		1
3136AV-VH-6	FNR 2017-14 Z Z SEQ 3.000% 03/25/47		03/01/2020	Interest Capitalization		91,344	91,344		1
3136AV-XM-6	FNR 2017-9 EZ Z SEQ 3.000% 03/25/47		03/01/2020	Interest Capitalization		268,531	268,531		1
3136AV-XQ-7	FNR 2017-9 ZJ Z SEQ 3.000% 03/25/47		03/01/2020	Interest Capitalization		81,849	81,849		1
3136AW-F5-1	FNR 2017-46 ZA Z SEQ 3.000% 06/25/47		03/01/2020	Interest Capitalization		389,271	389,271		1
3136AW-LLU-9	FNR 2017-32 GZ Z SEQ 3.500% 05/25/47		03/01/2020	Interest Capitalization		139,414	139,414		1
3136AW-QK-6	FNR 2017-30 ZH Z SEQ 3.000% 05/25/47		03/01/2020	Interest Capitalization		137,375	137,375		1
3136AW-QN-0	FNR 2017-30 ZG Z SEQ 3.000% 05/25/47		03/01/2020	Interest Capitalization		357,658	357,658		1
3136AW-XM-4	FNR 2017-41 Z Z SEQ 3.000% 06/25/47		03/01/2020	Interest Capitalization		228,361	228,361		1
3136AX-U7-8	FNR 2017-72 PZ Z PAC 3.000% 09/25/47		03/01/2020	Interest Capitalization		116,096	116,096		1
3136AY-TP-8	FNR 2017-86 PZ Z AD PAC 3.000% 11/25/47		03/01/2020	Interest Capitalization		112,138	112,138		1
3136AY-WU-8	FNR 2017-89 LZ Z AD PAC 3.000% 11/25/47		03/01/2020	Interest Capitalization		137,957	137,957		1
3136BO-4H-6	FNR 2018-13 ZE Z SEQ 3.000% 03/25/48		03/01/2020	Interest Capitalization		79,433	79,433		1
3136B1-S5-9	FNR 2018-37 MZ Z SEQ 4.000% 06/25/48		03/01/2020	Interest Capitalization		150,512	150,512		1
3136B1-BL-7	FNR 2018-16 TZ Z SEQ 3.000% 03/25/48		03/01/2020	Interest Capitalization		99,890	99,890		1
3136B1-Y4-1	FNR 2018-46 CZ Z SEQ 3.500% 06/25/48		03/01/2020	Interest Capitalization		259,713	259,713		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
3136B2-FB-3	FNR 2018-45 KZ Z SEQ 4.000% 06/25/48		03/01/2020	Interest Capitalization		203,940	203,940		1
3136B3-EW-6	FNR 2018-78 ZB Z 4.000% 10/25/48		03/01/2020	Interest Capitalization		93,699	93,699		1
3136B3-K6-6	FNR 2019-5 Z Z SEQ 3.500% 03/25/49		03/01/2020	Interest Capitalization		218,798	218,798		1
3136B3-PX-2	FNR 2018-88 BZ Z 4.000% 12/25/48		03/01/2020	Interest Capitalization		378,388	378,388		1
3137A3-4Y-2	FHR 3763 ZW Z PAC-11 4.500% 11/15/40		03/01/2020	Interest Capitalization		306,322	306,322		1
3137AF-GW-6	FHR 3925 Z Z SEQ 4.000% 09/15/41		03/01/2020	Interest Capitalization		416,361	416,361		1
3137AM-3B-1	FHR 4002 MZ Z SEQ 4.000% 02/15/42		03/01/2020	Interest Capitalization		109,746	109,746		1
3137AM-E3-7	FHR 3997 YZ Z SEQ 4.000% 02/15/42		03/01/2020	Interest Capitalization		274,365	274,365		1
3137AP-BW-9	FHR 4033 ZE Z SEQ 4.000% 04/15/42		03/01/2020	Interest Capitalization		416,245	416,245		1
3137AP-EN-6	FHR 4028 ZA Z SEQ 4.000% 04/15/42		03/01/2020	Interest Capitalization		604,043	604,043		1
3137AQ-JJ-3	FHR 4050 CZ Z SEQ 4.000% 05/15/42		03/01/2020	Interest Capitalization		339,550	339,550		1
3137AQ-LC-0	FHR 4050 MZ EXCH Z PAC-1-11 3.500% 05/15/42		03/01/2020	Interest Capitalization		178,203	178,203		1
3137AR-FR-2	FHR 4062 BZ Z SEQ 3.500% 06/15/42		03/01/2020	Interest Capitalization		121,798	121,798		1
3137AR-M2-9	FHR 4057 ZB Z SEQ 3.500% 06/15/42		03/01/2020	Interest Capitalization		376,378	376,378		1
3137AR-UE-4	FHR 4086 Z Z SEQ 3.500% 07/15/42		03/01/2020	Interest Capitalization		270,090	270,090		1
3137AR-WY-8	FHR 4073 HZ EXCH Z SEQ 4.000% 07/15/42		03/01/2020	Interest Capitalization		409,824	409,824		1
3137AR-ZW-9	FHR 4083 MZ Z SEQ 4.000% 07/15/42		03/01/2020	Interest Capitalization		330,289	330,289		1
3137AS-5V-2	FHR 4087 VZ Z SEQ 4.000% 07/15/42		03/01/2020	Interest Capitalization		145,860	145,860		1
3137AT-VH-2	FHR 4113 ZA Z SEQ 3.500% 09/15/42		03/01/2020	Interest Capitalization		207,126	207,126		1
3137AU-6C-8	FHR 4110 BZ Z SEQ 3.500% 09/15/42		03/01/2020	Interest Capitalization		128,866	128,866		1
3137AU-A6-6	FHR 4103 DZ Z SEQ 3.000% 09/15/42		03/01/2020	Interest Capitalization		187,567	187,567		1
3137AV-3V-7	FHR 4122 ZJ Z SEQ 3.500% 10/15/42		03/01/2020	Interest Capitalization		371,619	371,619		1
3137AV-3X-3	FHR 4122 ZN Z SEQ 3.500% 10/15/42		03/01/2020	Interest Capitalization		252,214	252,214		1
3137AV-4E-4	FHR 4121 AZ Z SEQ 3.000% 10/15/42		03/01/2020	Interest Capitalization		94,248	94,248		1
3137AV-6Q-5	FHR 4121 MZ Z SEQ 3.000% 10/15/42		03/01/2020	Interest Capitalization		163,116	163,116		1
3137B0-3K-8	FHR 4169 LZ Z SEQ 3.000% 02/15/43		03/01/2020	Interest Capitalization		99,377	99,377		1
3137B0-6G-3	FHR 4174 Z EXCH Z SEQ 3.500% 03/15/43		03/01/2020	Interest Capitalization		499,965	499,965		1
3137B1-KL-5	FHR 4194 ZE Z SEQ 4.000% 04/15/43		03/01/2020	Interest Capitalization		275,824	275,824		1
3137B1-V6-4	FHR 4209 VZ Z SEQ 4.000% 05/15/43		03/01/2020	Interest Capitalization		489,387	489,387		1
3137B2-BB-5	FHR 4199 VZ Z SEQ 3.500% 05/15/43		03/01/2020	Interest Capitalization		317,026	317,026		1
3137B2-F2-1	FHR 4203 ZN Z SEQ 3.500% 05/15/43		03/01/2020	Interest Capitalization		220,934	220,934		1
3137B2-P8-7	FHR 4212 ZX Z SEQ 4.000% 06/15/43		03/01/2020	Interest Capitalization		444,313	444,313		1
3137B3-04-4	FHR 4226 PZ Z SEQ 3.500% 07/15/43		03/01/2020	Interest Capitalization		220,115	220,115		1
3137B3-H8-4	FHR 4229 ZA Z SEQ 4.000% 07/15/43		03/01/2020	Interest Capitalization		247,464	247,464		1
3137B3-J0-2	FHR 4231 ZB Z SEQ 3.500% 07/15/43		03/01/2020	Interest Capitalization		109,817	109,817		1
3137B3-N4-6	FHR 4223 VZ Z SEQ 4.000% 07/15/43		03/01/2020	Interest Capitalization		296,341	296,341		1
3137B5-YB-3	FHR 4267 ZX SC Z SEQ 4.500% 03/15/41		03/01/2020	Interest Capitalization		401,688	401,688		1
3137B5-YC-1	FHR 4267 ZY Z SEQ 4.500% 11/15/43		03/01/2020	Interest Capitalization		552,764	552,764		1
3137B5-ZR-7	FHR 4276 ZH Z SEQ 3.000% 11/15/43		03/01/2020	Interest Capitalization		90,221	90,221		1
3137B8-B7-1	FHR 4307 NZ EXCH Z SEQ 3.000% 02/15/44		03/01/2020	Interest Capitalization		144,171	144,171		1
3137B8-JL-2	FHR 4315 LZ SC Z SEQ 4.500% 07/15/41		03/01/2020	Interest Capitalization		217,333	217,333		1
3137B9-FE-0	FHR 4314 GZ Z SEQ 3.000% 03/15/44		03/01/2020	Interest Capitalization		239,663	239,663		1
3137B9-QZ-1	FHR 4331 Z Z SEQ 4.000% 04/15/44		03/01/2020	Interest Capitalization		243,221	243,221		1
3137BA-3W-0	FHR 4329 KZ Z SEQ 3.000% 04/15/44		03/01/2020	Interest Capitalization		192,645	192,645		1
3137BA-66-3	FHR 4323 VZ Z SEQ 4.000% 04/15/44		03/01/2020	Interest Capitalization		264,206	264,206		1
3137BA-JH-6	FHR 4345 Z Z SEQ 3.000% 05/15/44		03/01/2020	Interest Capitalization		96,454	96,454		1
3137BA-JJ-2	FHR 4345 ZE Z SEQ 3.500% 05/15/44		03/01/2020	Interest Capitalization		152,199	152,199		1
3137BA-P7-1	FHR 4341 ZX SC Z SEQ 4.350% 05/15/44		03/01/2020	Interest Capitalization		184,845	184,845		1
3137BA-S7-8	FHR 4343 DZ Z SEQ 3.500% 05/15/44		03/01/2020	Interest Capitalization		259,869	259,869		1
3137BA-LK-6	FHR 4340 DZ Z SEQ 3.000% 05/15/44		03/01/2020	Interest Capitalization		152,137	152,137		1
3137BB-FB-1	FHR 4352 ZH EXCH Z SEQ 3.000% 06/15/44		03/01/2020	Interest Capitalization		79,879	79,879		1
3137BB-J8-4	FHR 4350 KZ Z SEQ 3.000% 03/15/43		03/01/2020	Interest Capitalization		130,169	130,169		1
3137BB-JZ-4	FHR 4357 GZ Z SEQ 3.000% 06/15/44		03/01/2020	Interest Capitalization		135,614	135,614		1
3137BB-Z9-4	FHR 4348 ZA SC Z PT 3.500% 07/15/42		03/01/2020	Interest Capitalization		126,592	126,592		1
3137BC-B0-0	FHR 4366 GZ Z SEQ 3.000% 07/15/44		03/01/2020	Interest Capitalization		88,437	88,437		1
3137BC-NN-4	FHR 4363 Z ARB Z SEQ 3.500% 11/15/50		03/01/2020	Interest Capitalization		191,267	191,267		1
3137BC-R2-6	FHR 4382 Z Z SEQ 3.000% 08/15/44		03/01/2020	Interest Capitalization		176,546	176,546		1
3137BC-SU-3	FHR 4374 NZ ARB Z SEQ 3.750% 06/01/51		03/01/2020	Interest Capitalization		212,121	212,121		1
3137BC-YF-9	FHR 4381 ZJ EXCH Z SEQ 3.500% 08/15/44		03/01/2020	Interest Capitalization		141,228	141,228		1
3137BD-5W-2	FHR 4378 EZ EXCH Z SEQ 3.000% 08/15/44		03/01/2020	Interest Capitalization		199,761	199,761		1
3137BD-C5-3	FHR 4377 LZ Z SEQ 3.000% 08/15/44		03/01/2020	Interest Capitalization		476,366	476,366		1

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SCHEDULE D - PART 3

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

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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
3137BD-H4-1	FHR 4392 Z Z SEQ 3.000% 09/15/44		.03/01/2020	Interest Capitalization		160,888	160,888		1
3137BD-SR-8	FHR 4395 HZ Z SEQ 3.000% 09/15/44		.03/01/2020	Interest Capitalization		296,854	296,854		1
3137BD-ZL-3	FHR 4387 HZ Z SEQ 3.000% 09/15/44		.03/01/2020	Interest Capitalization		90,424	90,424		1
3137BF-HK-0	FHR 4418 ZX SC Z PT 4.000% 11/15/40		.03/01/2020	Interest Capitalization		122,507	122,507		1
3137BF-VL-2	FHR 4417 EZ Z SEQ 3.500% 12/15/44		.03/01/2020	Interest Capitalization		123,296	123,296		1
3137BG-3K-3	FHR 4430 Z Z SEQ 4.000% 01/15/45		.03/01/2020	Interest Capitalization		20,213	20,213		1
3137BG-FZ-7	FHR 4440 ZX SC Z PT 4.000% 01/15/45		.03/01/2020	Interest Capitalization		304,236	304,236		1
3137BG-JS-9	FHR 4444 CZ Z SEQ 3.000% 02/15/45		.03/01/2020	Interest Capitalization		579,361	579,361		1
3137BG-XL-8	FHR 4447 XZ SC Z PT 4.000% 01/15/45		.03/01/2020	Interest Capitalization		179,614	179,614		1
3137BG-Y7-8	FHR 4447 ZX SC Z PT 4.000% 01/15/45		.03/01/2020	Interest Capitalization		269,303	269,303		1
3137BJ-GT-4	FHR 4471 ZB Z SEQ 3.000% 05/15/45		.03/01/2020	Interest Capitalization		210,054	210,054		1
3137BL-2V-9	FHR 4503 ZA Z SEQ 3.500% 08/15/45		.03/01/2020	Interest Capitalization		115,592	115,592		1
3137BM-EL-6	FHR 4537 ZN Z SEQ 3.500% 12/15/45		.03/01/2020	Interest Capitalization		201,844	201,844		1
3137BM-HK-8	FHR 4549 LZ Z SEQ 3.500% 02/15/46		.03/01/2020	Interest Capitalization		126,060	126,060		1
3137BR-ZJ-7	FHR 4615 ZQ SC Z PT 4.500% 04/15/42		.03/01/2020	Interest Capitalization		148,731	148,731		1
3137BT-2L-4	FHR 4631 VZ Z SEQ 3.500% 11/15/46		.03/01/2020	Interest Capitalization		77,379	77,379		1
3137BT-CN-9	FHR 4639 AZ Z SEQ 3.000% 12/15/46		.03/01/2020	Interest Capitalization		493,555	493,555		1
3137BT-P8-8	FHR 4636 DZ Z SEQ 3.500% 12/15/46		.03/01/2020	Interest Capitalization		97,456	97,456		1
3137BU-7G-7	FHR 4651 MZ EXCH Z SEQ 3.500% 01/15/47		.03/01/2020	Interest Capitalization		197,644	197,644		1
3137BU-ZA-9	FHR 4659 AZ Z SEQ 3.000% 02/15/47		.03/01/2020	Interest Capitalization		241,245	241,245		1
3137BV-E6-7	FHR 4655 GZ Z SEQ 3.500% 01/15/47		.03/01/2020	Interest Capitalization		96,890	96,890		1
3137BV-EK-8	FHR 4655 HZ EXCH Z SEQ 3.500% 02/15/47		.03/01/2020	Interest Capitalization		482,593	482,593		1
3137BV-ET-9	FHR 4655 JZ Z SEQ 3.000% 03/15/46		.03/01/2020	Interest Capitalization		118,854	118,854		1
3137BV-FH-4	FHR 4655 KZ Z SEQ 3.500% 02/15/47		.03/01/2020	Interest Capitalization		193,780	193,780		1
3137BV-FY-7	FHR 4655 TZ Z SEQ 3.000% 02/15/47		.03/01/2020	Interest Capitalization		134,674	134,674		1
3137BV-KL-9	FHR 4660 ZA Z SEQ 3.000% 02/15/47		.03/01/2020	Interest Capitalization		164,783	164,783		1
3137BV-V0-6	FHR 4662 CZ Z SEQ 3.500% 05/15/46		.03/01/2020	Interest Capitalization		127,381	127,381		1
3137BV-X0-4	FHR 4661 GZ Z SEQ 3.000% 02/15/47		.03/01/2020	Interest Capitalization		308,106	308,106		1
3137BW-2J-2	FHR 4671 CZ Z SEQ 3.500% 03/15/47		.03/01/2020	Interest Capitalization		161,151	161,151		1
3137BW-DZ-4	FHR 4668 ZA Z SEQ 3.500% 02/15/47		.03/01/2020	Interest Capitalization		395,814	395,814		1
3137BW-HK-3	FHR 4665 NZ Z SEQ 3.500% 02/15/47		.03/01/2020	Interest Capitalization		673,505	673,505		1
3137BW-JC-9	FHR 4665 ZH Z SEQ 3.500% 03/15/47		.03/01/2020	Interest Capitalization		181,208	181,208		1
3137BW-PS-7	FHR 4666 VZ Z SEQ 3.000% 03/15/47		.03/01/2020	Interest Capitalization		196,283	196,283		1
3137BW-P6-5	FHR 4666 Z Z SEQ 3.000% 03/15/47		.03/01/2020	Interest Capitalization		213,668	213,668		1
3137BW-Q2-3	FHR 4664 DZ Z SEQ 3.500% 11/15/45		.03/01/2020	Interest Capitalization		96,610	96,610		1
3137BW-Q6-4	FHR 4664 Z Z SEQ 3.500% 07/15/46		.03/01/2020	Interest Capitalization		120,805	120,805		1
3137BW-V3-5	FHR 4663 Z Z SEQ 3.000% 03/15/47		.03/01/2020	Interest Capitalization		466,276	466,276		1
3137BW-V4-3	FHR 4663 ZJ Z SEQ 3.500% 03/15/46		.03/01/2020	Interest Capitalization		204,085	204,085		1
3137BW-V5-0	FHR 4663 ZK Z SEQ 3.500% 06/15/46		.03/01/2020	Interest Capitalization		648,541	648,541		1
3137BW-VG-3	FHR 4676 ZD Z PAC 4.000% 04/15/47		.03/01/2020	Interest Capitalization		146,139	146,139		1
3137BX-6N-7	FHR 4674 ZB Z SEQ 3.500% 02/15/47		.03/01/2020	Interest Capitalization		154,124	154,124		1
3137BX-CN-2	FHR 4673 HZ Z SEQ 3.500% 04/15/47		.03/01/2020	Interest Capitalization		145,989	145,989		1
3137BX-M6-6	FHR 4672 ZH Z SEQ 3.500% 04/15/47		.03/01/2020	Interest Capitalization		180,055	180,055		1
3137F1-EF-1	FHR 4689 ZH Z SEQ 3.500% 08/15/46		.03/01/2020	Interest Capitalization		164,956	164,956		1
3137F3-F8-2	FHR 4768 KZ Z PAC 3.500% 11/15/47		.03/01/2020	Interest Capitalization		102,170	102,170		1
3137F3-TT-1	FHR 4764 NZ Z PAC 3.500% 02/15/48		.03/01/2020	Interest Capitalization		123,278	123,278		1
3137F3-U7-7	FHR 4764 PZ Z PAC 3.000% 01/15/48		.03/01/2020	Interest Capitalization		113,923	113,923		1
3137F4-KM-3	FHR 4775 LZ Z SEQ 4.500% 04/15/48		.03/01/2020	Interest Capitalization		167,179	167,179		1
3137F4-VT-6	FHR 4774 LZ Z SEQ 4.500% 02/15/48		.03/01/2020	Interest Capitalization		131,918	131,918		1
3137F5-NO-8	FHR 4794 ZD Z SEQ 4.500% 06/15/48		.03/01/2020	Interest Capitalization		121,246	121,246		1
3137F5-XR-5	FHR 4800 KZ Z SEQ 4.500% 06/15/48		.03/01/2020	Interest Capitalization		244,966	244,966		1
3137FC-V5-0	FHR 4749 PZ Z PAC 3.000% 01/15/48		.03/01/2020	Interest Capitalization		169,657	169,657		1
3137FD-DK-5	FHR 4750 PZ Z PAC 3.000% 01/15/48		.03/01/2020	Interest Capitalization		124,103	124,103		1
3137FD-TH-5	FHR 4754 GZ Z SEQ 4.000% 02/15/48		.03/01/2020	Interest Capitalization		174,235	174,235		1
3137FE-AH-3	FHR 4760 PZ Z PAC 3.000% 02/15/48		.03/01/2020	Interest Capitalization		88,626	88,626		1
3137FE-ZM-5	FHR 4793 ZK EXCH Z SEQ 4.500% 06/15/48		.03/01/2020	Interest Capitalization		433,914	433,914		1
3137FG-3N-3	FHR 4801 ZD Z SEQ 4.000% 06/15/48		.03/01/2020	Interest Capitalization		19,239	19,239		1
3137FG-BQ-7	FHR 4810 LZ Z SEQ 4.500% 06/15/48		.03/01/2020	Interest Capitalization		261,557	261,557		1
3137FG-HM-0	FHR 4808 MZ Z SEQ 4.000% 03/15/48		.03/01/2020	Interest Capitalization		198,298	198,298		1
3137FK-7J-9	FHR 4849 ZA Z 4.000% 03/15/48		.03/01/2020	Interest Capitalization		202,646	202,646		1
313970-YA-1	FNR 2011-15 VZ Z SEQ 4.000% 03/25/41		.03/01/2020	Interest Capitalization		142,772	142,772		1

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STATEMENT AS OF MARCH 31, 2020 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
35563W-AH-7	STACR 2019-DNA3 M2 EXCH MEZ FLT 3.047% 09/25/48		01/23/2020	CREDIT SUISSE SECURITIES US LL		4,556,250	4,500,000		3FE
35564M-AH-8	STACR 2019-HQA2 M2 EXCH FLT 2.997% 04/25/49		03/19/2020	MORGAN STANLEY & CO. INC.		2,340,000	3,000,000	8,273	4FE
35564R-BF-0	FREDDIE MAC STACR SERIES 2019-HRP1 CLASS M3 144A 3.197% 02/25/49		01/08/2020	WELLS FARGO		3,032,578	3,000,000	5,053	3FE
35565C-AH-9	FREDDIE MAC STACR SERIES 2019-HQA4 CLASS M2 144A 2.997% 11/25/49		03/27/2020	BANK OF AMERICA		5,740,000	8,000,000	3,996	4FE
35565J-AH-4	FREDDIE MAC STACR SERIES 2020-HQA1 CLASS M2 144A 2.847% 01/25/50		01/27/2020	WELLS FARGO		17,500,000	17,500,000		4FE
35565K-AH-1	FREDDIE MAC STACR SERIES 2020-DNA2 CLASS M2 144A 2.797% 02/25/50		03/18/2020	Various		7,570,625	8,150,000	14,166	3FE
35565K-BD-9	FREDDIE MAC STACR SERIES 2020-DNA2 CLASS B1 144A 3.447% 02/25/50		03/03/2020	BNP PARIBAS		2,915,508	3,000,000	5,194	4FE
38611T-CR-6	GRAND PARKWAY TRANSPRTN CORP T SERIES A 3.356% 10/01/52		02/12/2020	BANK OF AMERICA		23,370,000	23,370,000		1FE
38611T-DL-8	GRAND PARKWAY TRANSPRTN CORP T SERIES B 3.236% 10/01/52		02/12/2020	BANK OF AMERICA		161,470,000	161,470,000		1FE
60636A-VL-4	MISSOURI ST HLTH EDUCNL FACS SERIES A 3.229% 05/15/50		03/27/2020	WELLS FARGO		55,000,000	55,000,000		1FE
64972G-WA-8	NEW YORK CITY NY MUNI WTR FINA 5.790% 06/15/41		02/26/2020	Taxable Exchange		3,379,451	3,330,000	23,298	1Z
64972G-WC-4	NEW YORK CITY NY MUNI WTR FINA 5.790% 06/15/41		02/26/2020	Taxable Exchange		6,767,159	6,660,000	17,138	1FE
68608J-XZ-9	OREGON ST FACS AUTH REVENUE SERIES A 3.441% 10/01/50		03/06/2020	MORGAN STANLEY & CO. INC.		45,000,000	45,000,000		1FE
709224-2S-7	PENNSYLVANIA ST TURNPIKE COMMI 3.437% 12/01/43		01/16/2020	MORGAN STANLEY & CO. INC.		17,830,000	17,830,000		1FE
79765R-5B-1	SAN FRANCISCO CITY & CNTY CA P SERIES A 3.473% 11/01/43		03/18/2020	BANK OF AMERICA		6,981,870	7,000,000	47,947	1FE
914119-3H-3	UNIV OF CINCINNATI OH RECPTS SERIES A 3.000% 06/01/50		03/04/2020	MORGAN STANLEY & CO. INC.		10,385,000	10,385,000		1FE
3199999. Subtotal - Bonds - U.S. Special Revenues						454,123,873	457,698,079	134,739	XXX
001055-BJ-0	AFAC INC 3.600% 04/01/30		03/30/2020	WELLS FARGO		19,200,335	19,250,000		1FE
00115A-AM-1	AEP TRANSMISSION CO LLC SERIES M 3.650% 04/01/50		03/30/2020	MITSUBISHI UFJ SECURITIES USA		9,996,400	10,000,000		1FE
00152*-AA-4	AIT WORLDWIDE LOGISTICS-INC. 10.0% cash .75PIK 10.750% 10/20/22		01/01/2020	Interest Capitalization		62,247	62,247		5
00255U-AB-1	APOLLO AVIATION SECURITIZATION SERIES 2020-1A CLASS B 144A 4.335% 01/16/40		02/03/2020	GOLDMAN SACHS & COMPANY		8,499,822	8,500,000		2FE
00255U-AC-9	APOLLO AVIATION SECURITIZATION SERIES 2020-1A CLASS C 144A 6.413% 01/16/40		02/03/2020	GOLDMAN SACHS & COMPANY		3,999,946	4,000,000		3FE
00379#-AB-5	APE Amended note 10.5cash 2%PIK 11.950% 03/05/21		03/02/2020	Interest Capitalization		276,642	276,642		5G1
00379#-AC-3	ABRASIVE PRODUCTS AND EQUIPMEN 2ND LIEN PIK NOTE all pik 13.875% 03/05/21		03/02/2020	Interest Capitalization		53,764	53,764		4Z
00910G-A*-4	AMAZON SAN BERNARDINO AIR CAR SR-SEC 4.533% 03/10/41		01/09/2020	MESIROW FINANCIAL		28,376,092	28,376,092		1
00914A-AG-7	AIR LEASE CORP SERIES MTN 3.000% 02/01/30		01/07/2020	BANK OF AMERICA		19,580,800	20,000,000		2FE
015271-AU-3	ALEXANDRIA REAL ESTATE E 4.900% 12/15/30		03/23/2020	CITIGROUP GLOBAL MARKETS INC		9,968,317	9,975,000		2FE
023608-AJ-1	AMEREN CORP 3.500% 01/15/31		03/31/2020	JP MORGAN SECURITIES		7,981,040	8,000,000		2FE
025932-AP-9	AMERICAN FINANCIAL GROUP 5.250% 04/02/30		03/26/2020	JP MORGAN SECURITIES		39,030,844	39,575,000		2FE
03067D-AB-1	AMERICREDIT AUTOMOBILES RECEIV SERIES 2020-1 CLASS A2A 1.100% 03/20/23		03/24/2020	GOLDMAN SACHS & COMPANY		6,244,300	6,560,000	3,007	1FE
03076C-AK-2	AMERIPRISE FINANCIAL INC 3.000% 04/02/25		03/31/2020	GOLDMAN SACHS & COMPANY		6,845,919	6,875,000		1FE
031162-CR-9	AMGEN INC 3.150% 02/21/40		02/18/2020	CITIGROUP GLOBAL MARKETS INC		14,367,733	14,425,000		2FE
031162-CS-7	AMGEN INC 3.375% 02/21/50		02/18/2020	CITIGROUP GLOBAL MARKETS INC		14,419,519	14,425,000		2FE
03464R-AE-3	ANGEL OAK MORTGAGE TRUST SERIES 2020-1 CLASS B1 144A 3.764% 12/25/59		01/17/2020	NOMURA SECURITIES INTL INC.		3,099,924	3,100,000	7,455	3FE
03752*-AA-8	APE HLDGS-LLC SUB 14.200% 09/05/20		03/02/2020	Interest Capitalization		447,653	447,653		5G1
038923-AF-5	ARBOR REALTY TRUST-INC. SR-UNSEC 4.500% 03/15/27		03/04/2020	PIPER SANDLER COMPANIES		75,000,000	75,000,000		1PL
039482-AB-0	ARCHER DANIELS MIDLAND C 3.250% 03/27/30		03/25/2020	CITIGROUP GLOBAL MARKETS INC		9,922,300	10,000,000		1FE
04317#-BS-6	ARTHUR J GALLAGHER & CO SR-UNSEC 3.990% 01/30/30		01/30/2020	BANK OF AMERICA SECURITIES LLC		30,000,000	30,000,000		2Z
043436-AS-3	ASBURY AUTOMOTIVE GROUP SERIES 144A 4.500% 03/01/28		02/05/2020	BANK OF AMERICA		5,650,000	5,650,000		4FE
043436-AT-1	ASBURY AUTOMOTIVE GROUP SERIES 144A 4.750% 03/01/30		02/05/2020	BANK OF AMERICA		3,650,000	3,650,000		4FE
05348E-BG-3	AVALONBAY COMMUNITES SERIES MTN 2.300% 03/01/30		02/10/2020	DEUTSCHE BANK SECURITIES INCOR		1,498,395	1,500,000		1FE
05492T-BF-6	BARCLAYS COMMERCIAL MORTGAGE SERIES 2020-C6 CLASS FSTA 144A 3.688% 09/15/43		01/30/2020	BARCLAYS BANK PLC		4,691,744	4,542,500	8,377	1FE
05526D-BP-9	BAT CAPITAL CORP 4.700% 04/02/27		03/30/2020	BARCLAYS BANK PLC		15,000,000	15,000,000		2FE
05586V-AD-4	BMW VEHICLE LEASE TRUST SERIES 2019-1 CLASS A4 2.920% 08/22/22		03/23/2020	RBC DAIN RAUSCHER INC.		1,341,326	1,365,000	554	1FE
05607C-AG-4	BXP 2017-CC B SUB CSTR 3.551% 08/13/37		03/23/2020	DEUTSCHE BANK SECURITIES INCOR		1,382,130	1,580,000	3,741	1FM
06539L-BE-9	BANK 2018-BN13 AS SUB AFC 4.467% 08/15/61		03/23/2020	WELLS FARGO		3,484,570	3,750,000	11,168	1FM
06540B-BC-2	BANK SERIES 2019-BN21 CLASS A4 2.600% 10/17/52		03/11/2020	CANTOR FITZGERALD & CO.		4,140,625	4,000,000	3,467	1FM
06540Y-BG-5	BANK SERIES 2019-BN22 CLASS A4 2.978% 11/15/62		03/12/2020	BANK OF AMERICA		4,300,000	4,000,000	4,963	1FM
08160B-AD-6	BENCHMARK MORTGAGE TRUST SERIES 2018-B5 CLASS A4 4.208% 07/15/51		03/20/2020	DEUTSCHE BANK SECURITIES INCOR		2,073,359	2,000,000	5,376	1FM
08160J-AJ-6	BENCHMARK MORTGAGE TRUST SERIES 2019-B9 CLASS B 4.468% 03/15/52		03/19/2020	WELLS FARGO		10,700,625	12,000,000	32,766	1FM
08161C-AE-1	BMARK 2018-B2 A5 SEQ 3.882% 02/15/51		03/25/2020	DEUTSCHE BANK SECURITIES INCOR		1,049,414	1,000,000	2,804	1FM
08162C-AD-2	BMARK 2018-B6 A4 SEQ 4.261% 10/10/51		03/20/2020	JP MORGAN SECURITIES		2,114,219	2,000,000	5,445	1FM
08162P-BA-8	BMARK 2018-B1 B SUB AFC 4.059% 01/15/51		01/02/2020	CITIGROUP GLOBAL MARKETS INC		483,240	450,000	254	1FM
084659-AU-5	BERKSHIRE HATHWAY ENERGY SERIES 144A 3.700% 07/15/30		03/25/2020	WELLS FARGO		12,148,056	12,150,000		1FE
084659-AW-1	BERKSHIRE HATHWAY ENERGY 4.250% 10/15/50		03/25/2020	WELLS FARGO		6,961,850	7,000,000		1FE
08522*-AA-8	BLUE AND GOLD TENANT LLC SR-UNSEC 3.650% 03/31/45		01/22/2020	GOLDMAN SACHS CAPITAL MARKETS		37,000,000	37,000,000		1PL
10334#-AH-5	BOYD WATTERSON GSA REIT SR-UNSEC 3.500% 02/13/28		02/13/2020	KBC FINANCIAL PRODUCTS USA		30,000,000	30,000,000		2PL
12510H-AF-7	CAPITAL AUTOMOTIVE REIT SERIES 2020-1A CLASS A6 144A 3.810% 02/15/50		01/15/2020	CREDIT SUISSE SECURITIES US LL		11,492,930	11,500,000		1FE
12510H-AH-3	CAPITAL AUTOMOTIVE REIT SERIES 2020-1A CLASS B2 144A 4.520% 02/15/50		01/15/2020	CREDIT SUISSE SECURITIES US LL		12,974,079	12,975,000		2FE
12595F-AD-4	CSAIL 2017-CX9 A4 SEQ 3.176% 09/15/50		03/27/2020	CREDIT SUISSE SECURITIES US LL		1,507,031	1,500,000	3,969	1FM
12601#-AA-4	CSA CAP CR LEASE-BKD PT TR SER 4.974% 07/30/40		03/10/2020	Interest Capitalization		496,878	496,878		2

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STATEMENT AS OF MARCH 31, 2020 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
126098-AA-6	BARNARD ADD-ON CGA CAPITAL CR SR-SEC 4.611% 06/10/58		.01/10/2020	Interest Capitalization		20,555	20,555		1
12625U-BF-9	COMM MORTGAGE TRUST SERIES 2013-CR9 CLASS A 4 4.237% 07/10/45		.03/27/2020	BANK OF AMERICA		1,965,722	1,905,000	6,702	1FM
126802-CL-9	CABELAS MASTER CREDIT CARD TR SERIES 2013-1A CLASS A 144A 2.710% 02/17/26		.03/25/2020	WELLS FARGO		3,475,484	3,650,000	3,297	1FE
127106-AA-2	CTL PT TR SER 2018-VA CHULA V1 SR-SEC 4.560% 05/15/40		.03/16/2020	NEIMARK REALTY CAPITAL		7,380,416	7,380,416		1
12715*-AA-9	CTL PT TR SER 2019-HOME DEPOT SR-SEC 4.050% 04/30/40		.03/16/2020	WALKER DUNLAP		13,534,085	13,534,085		1Z
127156-AA-7	CTL PT TR SER 2019-HOME DEPT U SR-SEC 4.310% 07/31/40		.03/16/2020	CB RICHARD ELLIS		21,480,000	21,480,000		1Z
12720*-AA-8	EMORY 2019 SENIOR CGA CAP CR SR-SEC 3.175% 08/10/52		.02/10/2020	CGA CAPITAL		88,862,073	88,419,973		1
12722*-AA-8	DUKE ENERGY CAROLINAS CGA CAP SR-SEC 3.664% 12/31/52		.02/10/2020	CGA CAPITAL		264,852,419	264,852,419		1
12723*-AA-9	ALBANY MEDICAL CENTER CTL PT SR-UNSEC 4.070% 04/15/46		.03/16/2020	AXIOM CAPITAL		4,720,692	4,720,692		1Z
12724*-AA-8	CTL PT TR SER 2020-FRANCISCAN SR-SEC 3.330% 03/15/47		.03/18/2020	JONES LANG LASALLE		176,300,000	176,300,000		1Z
14041N-FN-6	CAPITAL ONE MULTI ASSET EXECUT SERIES 2017-A4 CLASS A4 1.990% 07/17/23		.03/20/2020	SOUTHWEST SECURITIES INC.		610,700	620,000	308	1FE
14041N-FU-0	CAPITAL ONE MULTI ASSET EXECUT SERIES 2019-A2 CLASS A2 1.720% 08/15/24		.03/23/2020	JP MORGAN SECURITIES		962,500	1,000,000	478	1FE
14180L-AA-4	CARGO AIRCRAFT MANAGEMEN SERIES 144A 4.750% 02/01/28		.01/17/2020	SUNTRUST CAPITAL MARKETS		8,246,748	8,175,000		4FE
14313F-AD-1	CARMAX AUTO OWNER TRUST SERIES 2018-3 CLASS A3 3.130% 06/15/23		.03/19/2020	MIZUHO SECURITIES USA INC.		2,642,048	2,670,000	1,857	1FE
14314A-AC-3	CARMAX AUTO OWNER TRUST SERIES 2018-1 CLASS A3 2.480% 11/15/22		.03/19/2020	MIZUHO SECURITIES USA INC.		2,098,692	2,123,913	1,171	1FE
14314J-AD-2	CARMAX AUTO OWNER TRUST SERIES 2017-1 CLASS A4 2.270% 09/15/22		.03/19/2020	BANK OF AMERICA		4,472,998	4,535,000	2,288	1FE
14315P-AD-7	CARMAX AUTO OWNER TRUST SERIES 2019-3 CLASS A3 2.180% 08/15/24		.03/23/2020	CANTOR FITZGERALD & CO.		1,693,503	1,780,000	1,078	1FE
15135B-AM-3	CENTENE CORP SERIES 144A 5.375% 08/15/26		.01/21/2020	Tax Free Exchange		6,675,000	6,675,000	157,465	3FE
191216-CP-3	COCA COLA CO THE 4.125% 03/25/40		.03/20/2020	BANK OF AMERICA		6,987,680	7,000,000		1FE
191216-CO-1	COCA COLA CO THE 4.200% 03/25/50		.03/20/2020	BANK OF AMERICA		18,927,699	19,050,000		1FE
208460-KN-7	ONFHE 2002-C MV2 MEZ FLT AFC 2.855% 05/15/32		.02/18/2020	Interest Capitalization					1FM
209111-FX-6	CON EDISON CO OF NY INC SERIES 20A 3.350% 04/01/30		.03/26/2020	BANK OF AMERICA		7,083,812	7,100,000		2FE
210518-DH-6	CONSUMERS ENERGY CO 3.500% 08/01/51		.03/17/2020	BARCLAYS BANK PLC		2,988,180	3,000,000		1FE
22822V-AR-2	CROWN CASTLE INTL CORP 3.300% 07/01/30		.03/31/2020	MORGAN STANLEY & CO. INC.		4,711,003	4,750,000		2FE
2333BV-AL-0	DTE ELECTRIC CO 2.950% 03/01/50		.03/23/2020	DEUTSCHE BANK SECURITIES INCOR		25,098,900	30,000,000	71,292	1FE
244199-BK-0	DEERE & COMPANY 3.750% 04/15/50		.03/25/2020	CITIGROUP GLOBAL MARKETS INEC		9,999,800	10,000,000		1FE
254687-FQ-4	WALT DISNEY COMPANY THE 3.800% 03/22/30		.03/19/2020	CITIGROUP GLOBAL MARKETS INC		1,620,450	1,625,000		1FE
254687-FR-2	WALT DISNEY COMPANY THE 4.625% 03/23/40		.03/19/2020	CITIGROUP GLOBAL MARKETS INC		9,976,700	10,000,000		1FE
26444H-AH-4	DUKE ENERGY FLORIDA LLC 2.500% 12/01/29		.03/24/2020	DEUTSCHE BANK SECURITIES INCOR		8,226,450	9,000,000	75,000	1FE
278865-BE-9	ECOLAB INC 4.800% 03/24/30		.03/27/2020	GOLDMAN SACHS & COMPANY		5,374,614	4,900,000	4,573	1FE
29429J-AA-8	CITIGROUP COMMERCIAL MORTGAGE SERIES 2019-PRM CLASS A 144A 3.341% 05/10/36		.03/24/2020	CREDIT SUISSE SECURITIES US LL		2,775,000	3,000,000	6,960	1FE
294751-BY-7	EQABS 2003-1 M2 MEZ CSTR 5.789% 08/25/33		.01/01/2020	Interest Capitalization		1,828	1,828		1FM
294751-FC-1	EQABS 2004-3 M4 MEZ STEP AFC NAS 4.408% 07/25/34		.03/01/2020	Interest Capitalization		3,327	3,327		1FM
31429*-AA-2	FEDEX CHINO CTS PASS-THRU TR S 3.490% 10/15/35		.01/15/2020	WATERWAY CAPITAL		5,766,905	5,766,905		2
314356-AA-6	FEDEX-COLLIERVILLE TN CTL PT T SR-SEC 4.020% 11/15/39		.02/14/2020	CB RICHARD ELLIS		98,024,649	98,024,649		2Z
341081-FP-7	FLORIDA POWER & LIGHT CO 3.700% 12/01/47		.03/23/2020	GOLDMAN SACHS & COMPANY		4,908,747	4,965,000	58,173	1FE
35091*-AA-0	VAS TULSA REDDING AND NFR 4-P SR-SEC 4.120% 07/15/41		.03/16/2020	NEIMARK REALTY CAPITAL		19,113,325	19,113,325		1
35563K-AH-3	STAOR 2019-DNA1 M2 EXCH FLT 3.597% 01/25/49		.03/12/2020	MORGAN STANLEY & CO. INC.		1,942,500	2,000,000	4,752	3FE
35563T-AB-7	STAOR 2018-DNA2 M2 EXCH MEZ FLT 3.097% 12/25/30		.01/02/2020	MORGAN STANLEY & CO. INC.		10,105,078	10,000,000	12,045	4FE
358776-AA-2	FRISCO GROUND LEASE TR-SENIOR- 4.819% 07/15/53		.02/15/2020	Interest Capitalization		24,778	24,778		1PL
36255*-AC-0	GSS FINANCING 2019A SR-UNSEC 4.100% 12/15/62		.01/29/2020	STIFEL NICOLAUS & CO.		5,600,000	5,600,000		1PL
36255*-AD-8	GSS FINANCING 2019A SR-UNSEC 4.550% 12/15/62		.01/29/2020	STIFEL NICOLAUS & CO.		216,814	216,814		1PL
36255*-AD-8	GSS FINANCING 2019A SR-UNSEC 4.550% 12/15/62		.01/01/2020	Interest Capitalization		4,477	4,477		1PL
36255*-AE-6	GSS FINANCING 2019A SR-UNSEC 4.000% 12/15/62		.03/31/2020	STIFEL NICOLAUS & CO.		16,000,000	16,000,000		1Z
36255*-AG-1	GSS FINANCING 2019A SR-UNSEC 4.450% 12/15/62		.03/31/2020	STIFEL NICOLAUS & CO.		1,500,000	1,500,000		1Z
36256*-AA-9	GSRP PORTFOLIO 1 LLC SR-UNSEC 3.770% 12/31/44		.01/30/2020	GOLDMAN SACHS CAPITAL MARKETS		90,000,000	90,000,000		2PL
36258Y-BL-1	GS MORTGAGE SECURITIES TRUST SERIES 2020-GC45 CLASS AS 3.173% 02/13/53		.03/17/2020	Various		24,637,525	24,000,000	40,104	1FE
36258Y-BM-9	GS MORTGAGE SECURITIES TRUST SERIES 2020-GC45 CLASS B 3.405% 02/13/53		.01/10/2020	GOLDMAN SACHS & COMPANY		6,179,982	6,000,000	16,458	1FM
36261P-AT-9	GSMIS SERIES 2019-GSA1 CLASS A4 3.048% 11/10/52		.03/18/2020	DEUTSCHE BANK SECURITIES INCOR		1,211,095	1,281,000	2,061	1FE
36261P-AX-0	GSMIS SERIES 2019-GSA1 CLASS AS 3.340% 11/10/52		.03/18/2020	CREDIT SUISSE SECURITIES US LL		2,402,461	2,600,000	4,583	1FM
36261P-AZ-5	GS MORTGAGE SECURITIES TRUST SERIES 2019-GSA1 CLASS C 3.806% 11/10/52		.03/10/2020	BARCLAYS BANK PLC		6,096,424	5,869,000	6,826	1FM
369550-BH-0	GENERAL DYNAMICS CORP 4.250% 04/01/40		.03/23/2020	BANK OF AMERICA		29,649,000	30,000,000		1FE
369550-BJ-6	GENERAL DYNAMICS CORP 4.250% 04/01/50		.03/23/2020	BANK OF AMERICA		14,779,500	15,000,000		1FE
369550-BM-9	GENERAL DYNAMICS CORP 3.625% 04/01/30		.03/23/2020	WELLS FARGO		23,772,017	24,025,000		1FE
370334-CL-6	GENERAL MILLS INC 2.875% 04/15/30		.03/31/2020	BANK OF AMERICA		474,050	475,000		2FE
373334-KL-4	GEORGIA POWER CO SR UNSEC 2.650% 09/15/29		.01/10/2020	Various		17,490,701	17,725,000	157,454	1FE
38141G-XJ-8	GOLDMAN SACHS GROUP INC 3.500% 04/01/25		.03/26/2020	GOLDMAN SACHS & COMPANY		14,744,690	14,750,000		1FE
38305*-AB-4	GORILLA INVESTOR-LLC SR-UNSEC 5.029% 03/13/27		.03/13/2020	HOU LIHAN LOKEY		200,000,000	200,000,000		1PL
38991*-AA-5	GREASE MONKEY INTL-LLC SUB-UNSEC 11.500% 04/30/23		.01/01/2020	Interest Capitalization		41,820	41,820		5G1
41652P-AC-3	HARTFORD HEALTHCARE CORP 3.447% 07/01/54		.01/23/2020	CITIGROUP GLOBAL MARKETS INC		45,815,000	45,815,000		1FE
42689*-AA-4	HEPACO-LLC 9.5%cash 1.5%pk 12.000% 02/18/25		.02/03/2020	HEPACO		879,054	896,994		5

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STATEMENT AS OF MARCH 31, 2020 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
42690-AA-5	HEPACO HLDG-LLC SUB-UNSEC 14.250% 02/18/25		01/01/2020	Interest Capitalization		171,661	171,661		5
427096-AA-1	HERCULES CAPITAL-INC. SR-UNSEC 4.280% 02/05/25		02/05/2020	GOLDMAN SACHS CAPITAL MARKETS	18,319,231	18,319,231	18,319,231		2Z
42784-AA-8	HERSHEY CAMPUS LEASE-BKD TR II SR-UNSEC 5.820% 05/01/54		02/03/2020	Interest Capitalization		149,573	149,573		1
43074-AA-9	HIGHLAND RIDGE-NASHVILLE TN-S SR-SEC 4.918% 01/15/54		02/15/2020	Interest Capitalization		37,553	37,553		1PL
437076-CB-6	HOME DEPOT INC 2.700% 04/15/30		03/26/2020	JP MORGAN SECURITIES	2,461,165	2,475,000	2,475,000		1FE
437076-CC-4	HOME DEPOT INC 3.300% 04/15/40		03/26/2020	JP MORGAN SECURITIES	12,389,250	12,500,000	12,500,000		1FE
43722-AA-5	HOME DEPOT SOUTH WINDSOR HOME SR-SEC 3.370% 10/15/40		02/26/2020	WATERWAY CAPITAL	9,974,669	9,974,669	9,974,669		1Z
45256H-AE-8	IMPACT COMMUNITY CAPITAL SEQ MORTGAGE PASS-THRU CLASS D 5.597% 01/01/24		01/01/2020	Interest Capitalization		(10,625)	(10,625)		1FE
458140-BH-2	INTEL CORP 2.450% 11/15/29		02/10/2020	WELLS FARGO	1,046,781	1,025,000	1,025,000	5,720	1FE
458140-BM-1	INTEL CORP 4.750% 03/25/50		03/20/2020	BANK OF AMERICA	9,988,900	10,000,000	10,000,000		1FE
45873-AA-3	INTERFACE SECURITY SYSS-LLC 11% cash 3% pik 14.000% 07/17/23		01/01/2020	Interest Capitalization		492,560	492,560		5GI
46121Y-BH-8	INTREPID POTASH-INC. C-SR-SECURED 4.780% 04/16/25		01/02/2020	DIRECT		.8	.8		5YE
46433B-AA-6	ISKANDAR VENTURES LLC SR-UNSEC 3.410% 07/15/40		02/19/2020	GOLDMAN SACHS CAPITAL MARKETS	95,000,000	95,000,000	95,000,000		1PL
46617F-AA-2	HENDR 2013-1A A SEQ 3.220% 04/15/67		01/02/2020	DIRECT		.10	.10		1FE
46639J-AE-0	JPMCC 2013-C10 A5 SEQ 3.143% 12/15/47		03/25/2020	CREDIT SUISSE SECURITIES US LL	1,261,015	1,283,782	1,283,782	2,914	1FM
46639J-AH-3	JP MORGAN CHASE COMMERCIAL MCR SERIES 2013-C10 CLASS A3 3.372% 12/15/47		03/20/2020	BARCLAYS BANK PLC	13,597,500	14,000,000	14,000,000	30,156	1FM
46651R-AA-3	JG WENTWORTH XX LLC SERIES 2019-C1 CLASS A 144A 3.700% 08/09/38		01/23/2020	Tax Free Exchange	81,500,838	81,500,838	81,500,838	67,012	1Z
46658-AA-6	VETTA-LLC FKA BPCP SPARTAN MER SUB-UNSEC 10% cash 1% PIK 11.000% 09/22/21		01/01/2020	Interest Capitalization		43,609	43,609		5
46659-AA-1	VETTA-LLC FKA J AMERICA-LLC 10% cash 1% pik 11.000% 07/31/22		01/01/2020	Interest Capitalization		12,570	12,570		5
46665-AA-3	JG WENTWORTH XX LLC SR-UNSEC SERIES 2019-C 3.700% 08/09/38		01/01/2020	JG WENTWORTH XX LLC		1,698,840	1,698,840		1Z
46665-AA-3	JG WENTWORTH XX LLC SR-UNSEC SERIES 2019-C 3.700% 08/09/38		01/24/2020	Tax Free Exchange	7,410,550	7,410,636	7,410,636	8,423	1Z
46665-AA-5	JG WENTWORTH XX LLC SR-UNSEC SERIES 2019-C 3.700% 08/09/38		03/13/2020	JG WENTWORTH XLIV LLC	53,531,335	53,531,335	53,531,335		1Z
46665A-AB-2	JG WENTWORTH XX LLC SR-UNSEC SERIES 2019-E 4.500% 09/15/43		01/24/2020	Tax Free Exchange	22,612,660	22,614,185	22,614,185	25,334	1Z
47630-AA-3	JENSEN HUGHES INTERMEDIATE HLD SUB 7%Cash 7%PIK 14.000% 12/04/23		03/31/2020	JENSEN HUGHES INTERMEDIATE HLD	2,196,767	2,241,599	2,241,599		5GI
47630-AA-3	JENSEN HUGHES INTERMEDIATE HLD SUB 7%Cash 7%PIK 14.000% 12/04/23		01/01/2020	Interest Capitalization		(167,037)	(167,037)		5GI
47630-AA-7	JENSEN HUGHES-INC-SUB DEBT 10% cash 2%pik 12.000% 12/04/22		01/01/2020	Interest Capitalization		151,878	151,878		5GI
47630-AA-7	JENSEN HUGHES-INC-SUB DEBT 10% cash 2%pik 12.000% 12/04/22		01/01/2020	Interest Capitalization		372,138	372,138		5GI
47631-AA-6	JENSEN HUGHES INTERMEDIATE HLD SUB-UNSEC 7%cash & 7% PIK 14.000% 03/22/26		01/01/2020	Interest Capitalization		168,148	168,148		5GI
47659-AA-9	JERSEY CITY PUBLIC HQ JERSEY SR-SEC 3.600% 09/15/52		02/10/2020	WATERWAY CAPITAL	40,357,498	40,000,000	40,000,000		1Z
48717-AA-7	VA KEARNY MESA KEARNY MESA CA SR-SEC 3.730% 02/15/42		03/16/2020	NEIMARK REALTY CAPITAL	6,136,534	6,136,534	6,136,534	265	1Z
494368-CB-7	KIMBERLY CLARK CORP 3.100% 03/26/30		03/24/2020	JP MORGAN SECURITIES	2,298,229	2,300,000	2,300,000		1FE
49721B-AA-1	KIOP PARENT HLDG CORP. SUB-UNSEC 13.750% 12/29/23		01/01/2020	Interest Capitalization		407,487	407,487		5GI
50194-AA-5	LANEY DIRECTIONAL DRILLING SUB 16.000% 01/31/21		01/01/2020	Interest Capitalization		810,262	810,262		5GI
50208A-AA-7	LNRK ISSUER CO-LLC SR-UNSEC 3.900% 01/14/27		01/15/2020	LNRK ISSUER CO	150,000,000	150,000,000	150,000,000		1Z
50209A-AB-7	LNRK ISSUER CO. 2 LLC SR-UNSEC 4.100% 11/15/47		01/01/2020	Interest Capitalization		(600,152)	(600,152)		1PL
50247B-AA-4	LV STADIUM EVENTS CO-LLC SR-UNSEC 3.360% 06/30/45		03/12/2020	BANK OF AMERICA SECURITIES LLC	26,000,000	26,000,000	26,000,000		1PL
513075-BQ-3	LAMAR MEDIA CORP SERIES 144A 3.750% 02/15/28		01/23/2020	DEUTSCHE BANK SECURITIES INCOR	4,050,000	4,050,000	4,050,000		3FE
513075-BS-9	LAMAR MEDIA CORP SERIES 144A 4.000% 02/15/30		01/23/2020	DEUTSCHE BANK SECURITIES INCOR	1,600,000	1,600,000	1,600,000		3FE
548661-DU-8	LOWE S COS INC 4.500% 04/15/30		03/24/2020	JP MORGAN SECURITIES	14,529,628	14,600,000	14,600,000		2FE
55385-AA-7	MTI INTERMEDIATE-INC. SUB-UNSEC 13.700% 02/05/22		02/05/2020	Interest Capitalization		2,095,230	2,095,230		5GI
55389P-AA-7	MVM OWNER TRUST SERIES 2019-1A CLASS A 144A 2.890% 11/20/36		03/26/2020	BANK OF AMERICA	1,371,039	1,459,341	1,459,341	1,172	1FE
57063-AA-8	MARKETCAST HLDGS-LLC 10%cash 1%pik 11.000% 05/15/23		01/01/2020	Interest Capitalization		36,835	36,835		5GI
57636Q-AP-9	MASTERCARD INC 3.350% 03/26/30		03/24/2020	CITIGROUP GLOBAL MARKETS INC	748,545	750,000	750,000		1FE
58013M-FK-5	MCDONALD'S CORP SR UNSEC 3.625% 09/01/49		03/03/2020	WELLS FARGO	10,389,792	9,600,000	9,600,000	3,867	2FE
58506Y-AS-1	MEDSTAR HEALTH INC SERIES 20A 3.626% 08/15/49		01/09/2020	JP MORGAN SECURITIES	26,555,000	26,555,000	26,555,000		1FE
59140C-AA-8	METAPHARM-INC. SUB 11.500% 10/13/20		01/01/2020	Interest Capitalization		512,120	512,120		6*
59156R-BZ-0	METLIFE INC 4.550% 03/23/30		03/19/2020	GOLDMAN SACHS & COMPANY	13,146,540	13,200,000	13,200,000		1FE
59524Q-AA-6	MID-ATLANTIC INTERSTATE TRANSP SR-UNSEC 3.600% 04/01/32		03/31/2020	SCOTIA CAPITAL MARKETS USA INC	88,000,000	88,000,000	88,000,000		1FE
59524Q-AA-6	MID-ATLANTIC INTERSTATE TRANSP SR-UNSEC 3.700% 04/01/35		03/31/2020	SCOTIA CAPITAL MARKETS USA INC	108,000,000	108,000,000	108,000,000		1FE
59828-AA-4	MIDWEST CAN CO LLC 10.5% CASH 1% PIK 11.500% 10/08/24		01/01/2020	Interest Capitalization		62,254	62,254		5
617446-8N-2	MORGAN STANLEY 1.000% 03/24/51		03/19/2020	MORGAN STANLEY & CO. INC.	10,000,000	10,000,000	10,000,000		1FE
617446-8P-7	MORGAN STANLEY SERIES MTN 5.029% 04/01/31		03/26/2020	MORGAN STANLEY & CO. INC.	40,000,000	40,000,000	40,000,000		1FE
62845-AA-1	MYERS EMERGENCY POWER SYSS-LLC SUB-UNSEC 10% cash 1%pik 11.000% 01/02/25		01/01/2020	Interest Capitalization		49,360	49,360		5GI
62848B-AA-9	MWOT 2018-1A A SEQ 3.450% 01/21/36		03/26/2020	BANK OF AMERICA	1,732,563	1,803,946	1,803,946	1,729	1FE
62883-AA-0	NATF AMERICA LLC SR-UNSEC 4.250% 03/15/25		03/06/2020	TD SECURITIES	112,500,000	112,500,000	112,500,000		1FE
629377-CC-4	NRG ENERGY INC SERIES WI 6.625% 01/15/27		03/19/2020	THE TORONTO-DOMINION BANK	788,830	826,000	826,000	10,336	3FE
62954R-AA-4	NYU HOSPITALS CENTER SERIES 2020 3.380% 07/01/55		01/28/2020	GOLDMAN SACHS & COMPANY	45,775,000	45,775,000	45,775,000		1FE
637432-NV-3	NATIONAL RURAL UTIL COOP 2.400% 03/15/30		01/22/2020	RBC DAIN RAUSCHER INC.	14,934,300	15,000,000	15,000,000		1FE
64325-AA-2	NEW CARROLLTON COMMERCIAL I-LL 3.750% 02/05/34		01/06/2020	Interest Capitalization		136,388	136,388		1
65563-AA-6	NORDIC HELIUM FDG-LLC A-SR-UNSEC 4.459% 02/03/32		01/28/2020	GUGGENHEIM SECURITIES	55,800,000	55,800,000	55,800,000		1Z
65563-AA-6	NORDIC HELIUM FDG-LLC B-SR-UNSEC 9.799% 02/03/32		01/28/2020	GUGGENHEIM SECURITIES	13,300,000	13,300,000	13,300,000		3Z

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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
666807-B5-0	NORTHROP GRUMMAN CORP 4.400% 05/01/30		03/19/2020	JP MORGAN SECURITIES		1,369,486	1,375,000		2FE
666807-B7-8	NORTHROP GRUMMAN CORP 5.150% 05/01/40		03/19/2020	JP MORGAN SECURITIES		5,970,540	6,000,000		2FE
66765R-CJ-3	NORTHWEST NATURAL GAS CO SERIES MTN 3.600% 03/15/50		03/26/2020	BANK OF AMERICA		14,940,150	15,000,000		1FE
67021C-AP-2	NSTAR ELECTRIC CO 3.950% 04/01/30		03/23/2020	Various		24,084,930	24,000,000		4Z
67103H-AJ-6	O REILLY AUTOMOTIVE INC 4.200% 04/01/30		03/25/2020	JP MORGAN SECURITIES		12,444,896	12,450,000		1FE
678858-BV-2	OKLAHOMA G&E CO 3.250% 04/01/30		03/30/2020	MIZUHO SECURITIES USA INC.		7,371,239	7,375,000		2FE
681919-BC-9	OMNICOM GROUP INC 4.200% 06/01/30		03/27/2020	CITIGROUP GLOBAL MARKETS INC		14,419,995	14,475,000		1FE
68233J-BS-2	ONCOR ELECTRIC DELIVERY SERIES 144A 2.750% 05/15/30		03/17/2020	SUMITOMO MITSUI FINANCIAL GRP		4,570,013	4,575,000		1FE
68233J-BT-0	ONCOR ELECTRIC DELIVERY SERIES 144A 3.700% 05/15/50		03/17/2020	MIZUHO SECURITIES USA INC.		4,312,241	4,325,000		1FE
68389X-BN-4	ORACLE CORP 3.600% 04/01/40		03/30/2020	WELLS FARGO		50,638,415	50,775,000		1FE
68902V-AA-5	OTIS WORLDWIDE CORP SERIES 144A 3.112% 02/15/40		02/19/2020	CITIGROUP GLOBAL MARKETS INC		24,496,570	24,500,000		2FE
68902V-AB-3	OTIS WORLDWIDE CORP SERIES 144A 3.362% 02/15/50		02/19/2020	CITIGROUP GLOBAL MARKETS INC		8,723,430	8,725,000		2FE
693475-AZ-8	PNC FINANCIAL SERVICES 2.550% 01/22/30		01/16/2020	JP MORGAN SECURITIES		1,994,400	2,000,000		1FE
69410*-AH-2	PACEWELL 3-LLC A-5-SR-UNSEC 4.250% 05/01/51		03/31/2020	PACEWELL22?LLC		10,000,000	10,000,000		1Z
69418*-AA-9	PACE LOAN GROUP 2019-1 LLC SR-UNSEC 4.250% 12/15/51		01/30/2020	STIFEL NICOLAUS & CO.		10,000,000	10,000,000		1PL
713448-ES-3	PEPSICO INC 2.750% 03/19/30		03/17/2020	BANK OF AMERICA		3,356,876	3,375,000		1FE
713448-ET-1	PEPSICO INC 3.500% 03/19/40		03/17/2020	BANK OF AMERICA		14,884,800	15,000,000		1FE
717081-EW-9	PFIZER INC 2.625% 04/01/30		03/25/2020	BANK OF AMERICA		7,473,750	7,500,000		1FE
729088-AA-8	PLENARY PROP PURDUE-LLC SR-UNSEC 5.300% 10/31/63		02/03/2020	PLENARY PROPERTIES PURDUE		7,755,044	7,755,044		2
74101X-AE-0	PRESIDIO HOLDING INC SERIES 144A 4.875% 02/01/27		01/15/2020	CITIGROUP GLOBAL MARKETS INC		1,080,000	1,080,000		4FE
742718-FH-7	PROCTER & GAMBLE CO THE 3.000% 03/25/30		03/23/2020	CITIGROUP GLOBAL MARKETS INC		623,500	625,000		1FE
742718-FJ-3	PROCTER & GAMBLE CO THE 3.550% 03/25/40		03/23/2020	CITIGROUP GLOBAL MARKETS INC		16,965,262	17,050,000		1FE
742718-FK-0	PROCTER & GAMBLE CO THE 3.600% 03/25/50		03/23/2020	CITIGROUP GLOBAL MARKETS INC		13,389,299	13,475,000		1FE
743315-AW-3	PROGRESSIVE CORP 3.200% 03/26/30		03/17/2020	CREDIT SUISSE SECURITIES US LL		775,000	775,000		1FE
743315-AX-1	PROGRESSIVE CORP 3.950% 03/26/50		03/17/2020	CREDIT SUISSE SECURITIES US LL		3,718,050	3,750,000		1FE
74340X-BK-6	PROLOGIS LP 3.250% 10/01/26		01/23/2020	Tax Free Exchange		13,495,637	13,575,000	158,092	1FE
74340X-BL-4	PROLOGIS LP 4.375% 02/01/29		01/23/2020	Tax Free Exchange		11,273,403	11,300,000	12,359	1FE
744320-CJ-2	PRUDENTIAL FINANCIAL INC SERIES MTN 3.000% 03/10/40		03/05/2020	MORGAN STANLEY & CO. INC.		4,987,300	5,000,000		1FE
744516-GH-6	PUBLIC SERVICE CO OF NORTH CAR SR-UNSEC 4.050% 03/30/30		03/30/2020	MIZUHO		122,000,000	122,000,000		2Z
75289#-AB-6	RANGERS STADIUM CO LLC SR-SEC 3.660% 10/01/47		03/24/2020	RANGERS STADIUM COMPANY LLC		8,813,000	8,813,000		2Z
758888-AA-5	REGED HOLDCO-INC. A11 PIK 13.750% 12/20/26		01/31/2020	Interest Capitalization		664,005	664,005		5
75951A-AN-8	RELIANCE STAND LIFE II SERIES 144A 2.750% 01/21/27		01/13/2020	JP MORGAN SECURITIES		14,260,246	14,300,000		1FE
76110W-7E-0	RASC SERIES 2005-KS11 CLASS M2 2.040% 12/25/35		03/18/2020	CREDIT SUISSE SECURITIES US LL		24,932,336	27,100,365	36,978	1FM
78448P-AB-6	SMB PRIVATE EDUCATION LOAN TR SERIES 2015-A CLASS A2A 144A 2.490% 06/15/27		03/20/2020	BNP PARIBAS		1,565,846	1,622,638	1,010	1FE
78572*-AA-2	SAC MUB1 OFFICE-LLC SR-UNSEC 3.880% 07/10/43		02/10/2020	GOLDMAN SACHS CAPITAL MARKETS		27,100,000	27,100,000		2Z
808513-BC-8	CHARLES SCHWAB CORP 4.625% 03/22/30		03/20/2020	CREDIT SUISSE SECURITIES US LL		9,985,800	10,000,000		1FE
808625-AA-5	SCIENCE APPLICATIONS INT SERIES 144A 4.875% 04/01/28		03/04/2020	CITIGROUP GLOBAL MARKETS INC		2,375,000	2,375,000		4FE
817743-AA-5	SERVPRO MASTER ISSUER LLC SERIES 2019-1A CALSS A2 144A 3.882% 10/25/49		03/17/2020	ROBERT W. BAIRD & COMPANY INC		2,215,356	2,244,375	13,089	2FE
83546D-AG-3	SONIC CAPITAL LLC SERIES 2020-1A CLASS A21 144A 3.845% 01/20/50		01/15/2020	BARCLAYS BANK PLC		3,875,000	3,875,000		2FE
83546D-AJ-7	SONIC CAPITAL LLC SERIES 2020-1A CLASS A21 144A 4.336% 01/20/50		01/15/2020	BARCLAYS BANK PLC		11,000,000	11,000,000		2FE
85434V-AB-4	STANFORD HEALTH CARE 3.310% 08/15/30		03/25/2020	MORGAN STANLEY & CO. INC.		19,685,000	19,685,000		1FE
857477-BK-8	STATE STREET CORP SERIES 144A 3.152% 03/30/31		03/26/2020	MORGAN STANLEY & CO. INC.		7,000,000	7,000,000		1FE
871829-BJ-5	SYSCO CORPORATION 3.300% 02/15/50		02/11/2020	GOLDMAN SACHS & COMPANY		13,873,729	13,900,000		2FE
87511#-AB-1	TAMPA BAY ARENA-LLC SR-UNSEC 3.890% 06/30/35		02/06/2020	GOLDMAN SACHS CAPITAL MARKETS		35,000,000	35,000,000		2PL
87612E-BK-1	TARGET CORP 2.650% 09/15/30		03/26/2020	BANK OF AMERICA		5,378,022	5,400,000		1FE
87901J-AE-5	TEGNA INC SERIES 144A 4.625% 03/15/28		01/07/2020	CITIGROUP GLOBAL MARKETS INC		10,350,000	10,350,000		3FE
883656-OG-5	THERMO FISHER SCIENTIFIC 4.497% 03/25/30		03/23/2020	JP MORGAN SECURITIES		7,800,000	7,800,000		2FE
89236T-GY-5	TOYOTA MOTOR CREDIT CORP SERIES MTN 3.375% 04/01/30		03/27/2020	BANK OF AMERICA		22,360,009	22,375,000		1FE
89393#-AA-2	TRANSPORTATION INSIGHT-LLC SUB-UNSEC 13.750% 06/18/26		01/01/2020	Interest Capitalization		304,150	304,150		3Z
89453#-AA-9	TRAVIS ONTY TEX-AUSTIN TX CTL SR-SEC 4.665% 02/15/46		02/18/2020	QUADCAPITAL ADVISORS LLC		4,575,000	4,575,000		1
906548-CR-1	UNION ELECTRIC CO 2.950% 03/15/30		03/17/2020	MITSUBISHI UFJ SECURITIES USA		3,996,560	4,000,000		1FE
911312-BV-7	UNITED PARCEL SERVICE 5.200% 04/01/40		03/19/2020	JP MORGAN SECURITIES		4,975,950	5,000,000		1FE
91403#-AA-6	UNIVERSITY OF IOWA ENERGY COLL SR-UNSEC 3.620% 06/30/50		03/09/2020	BARCLAYS CAPITAL INC		97,764,011	97,764,011		1Z
92212K-A*-7	VANTAGE DATA CENTERS SR-UNSEC 4.115% 10/15/24		03/26/2020	GUGGENHEIM SECURITIES		90,000,000	90,000,000		1FE
92343V-FD-1	VERIZON COMMUNICATIONS 4.000% 03/22/50		03/17/2020	CITIGROUP GLOBAL MARKETS INC		4,525,000	4,525,000		2FE
92343V-FE-9	VERIZON COMMUNICATIONS 3.150% 03/22/30		03/17/2020	GOLDMAN SACHS & COMPANY		1,171,393	1,175,000		2FE
92564R-AD-7	VICI PROPERTIES NOTE SERIES 144A 3.750% 02/15/27		01/22/2020	MORGAN STANLEY & CO. INC.		3,000,000	3,000,000		3FE
92826C-AM-4	VISA INC 2.050% 04/15/30		03/31/2020	BANK OF AMERICA		4,718,149	4,725,000		1FE
92937F-AG-6	WFRBS 2013-C12 B SUB AFC 3.863% 03/15/48		03/25/2020	WELLS FARGO		685,547	750,000	2,092	1FM
94676#-AA-0	MESA GROUND LEASE WAYPOINT-ME SR-SEC 4.455% 08/15/54		03/15/2020	Interest Capitalization		46,956	46,956		1FE
949746-NL-1	WELLS FARGO CO NEW ALT TIER 5.950% 12/01/86		03/30/2020	Taxable Exchange		44,321,375	35,000,000	607,396	4Z

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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
95000U-2L-6	WELLS FARGO & COMPANY SERIES MTN 1.000% 04/04/31		03/23/2020	WELLS FARGO		40,000,000	40,000,000		1FE
95000U-2M-4	WELLS FARGO & COMPANY SERIES MTN 1.000% 04/04/31		03/23/2020	WELLS FARGO		40,000,000	40,000,000		1FE
96468F-AB-5	WHITEBRIDGE PET BRANDS-LLC SUB-UNSEC 10.000% 01/15/25		01/24/2020	HOUZHAN LOKEY		18,375,000	18,750,000		4Z
976826-BN-6	WISCONSIN POWER & LIGHT 3.650% 04/01/50		03/30/2020	JP MORGAN SECURITIES		4,968,682	4,975,000		1FE
98162C-AD-3	WORLD OMNI AUTOMOBILE LEASE SERIES 2018-B CLASS A3 3.190% 12/15/21		03/24/2020	CITIGROUP GLOBAL MARKETS INC		5,908,125	6,000,000	5,848	1FE
98389B-AY-6	XOEL ENERGY INC 3.400% 06/01/30		03/27/2020	JP MORGAN SECURITIES		11,586,638	11,625,000		2FE
988498-AM-3	YUM BRANDS INC SERIES 144A 7.750% 04/01/25		03/30/2020	GOLDMAN SACHS & COMPANY		325,000	325,000		4FE
98919V-AA-3	FRONT RANGE BIDCO INC SERIES 144A 4.000% 03/01/27		02/20/2020	MORGAN STANLEY & CO. INC.		6,650,000	6,650,000		4FE
98931Y-AC-7	ZEKELMAN INDUSTRIES INC 01/17/27		03/11/2020	GOLDMAN SACHS & COMPANY		4,696,035	4,830,088		3FE
98956P-AS-1	ZIMMER BIOMET HOLDINGS 3.050% 01/15/26		03/13/2020	CITIGROUP GLOBAL MARKETS INC		6,741,968	6,750,000		2FE
98956P-AT-9	ZIMMER BIOMET HOLDINGS 3.550% 03/20/30		03/13/2020	CITIGROUP GLOBAL MARKETS INC		9,576,768	9,600,000		2FE
AZ6031-98-5	HORIZON PHARMA USA INC CO. GUARNT 5.500% 08/01/27		03/26/2020	JEFFERIES & CO. INC.		824,500	850,000	7,662	4FE
Z00069-19-7	JGIV IX LLC SR-UNSEC 4.050% 01/15/36		01/17/2020	JGIV IX LLC		3,735,897	3,735,897		1Z
Z00071-28-4	MOBILE TECH-INC. SR-UNSEC 9.493% 08/06/21		02/28/2020	MOBILE		1,050,986	1,050,986		6*
Z00072-66-2	KOFILE-INC. SUB-UNSEC 10.000% 07/24/26		01/29/2020	KOFILE INTERMEDIATE HOLDINGS		18,375,000	18,750,000		4Z
Z00072-97-7	XCLUSIVE STAFFING ACQUISITION SR-UNSEC 12.000% 02/05/25		02/05/2020	XCLUSIVE STAFFING ACQUISITION		13,230,000	13,500,000		4Z
Z00073-44-7	PG BUYER-LLC SUB-UNSEC 10.000% 09/02/26		03/02/2020	PG BUYER		11,025,000	11,250,000		4Z
Z00073-56-1	MARCO APE OPCO HLDGS-LLC SUB-UNSEC 11.250% 09/02/26		03/02/2020	MARCO APE OPCO HOLDINGS		11,020,000	11,250,000		4Z
Z00073-71-0	JGIV IX LLC SR-UNSEC 3.750% 09/15/46		03/27/2020	JGIV IX LLC		12,601,250	12,601,250		1Z
683720-AA-4	OPEN TEXT CORP SERIES 144A 4.125% 02/15/30	A.	02/03/2020	BARCLAYS BANK PLC		13,660,000	13,660,000		3FE
BNHL8M-40-0	ORBIA ADVANCE CORP SAB SERIES REGS 4.875% 09/19/22	D.	03/24/2020	CAMBRIDGE INTL SECURITIES INC.		945,000	1,000,000	948	2FE
00131L-AJ-4	AIA GROUP LTD SERIES 144A 3.375% 04/07/30	D.	03/31/2020	MORGAN STANLEY & CO. INC.		3,539,563	3,550,000		1FE
04016D-AJ-4	ARES CLO LTD SERIES 2016-41A CLASS AR 144A 3.031% 01/15/29	D.	03/23/2020	BARCLAYS BANK PLC		8,550,000	9,500,000	55,994	1FE
05968L-AM-4	BANCOLUMBIA SA 3.000% 01/29/25	D.	01/23/2020	CITIGROUP GLOBAL MARKETS INC		16,929,457	17,050,000		2FE
060335-AA-4	BANI JAY ENTERTAINMENT SERIES 144A 5.375% 03/01/25	D.	02/04/2020	DEUTSCHE BANK SECURITIES INCOR		2,075,000	2,075,000		2FE
124651-AA-7	C&C GROUP PLC SR-UNSEC 2.740% 03/26/30	B.	03/26/2020	NATWEST BANK NA		74,849,000	74,849,000		4Z
126878-AA-1	DHL-ZERO COUPON SR 4.640% 03/15/27	D.	03/15/2020	Interest Capitalization		1,019,089	1,019,089		2
192714-AD-5	COLBUN SA SERIES 144A 3.150% 03/06/30	D.	03/03/2020	BANK OF AMERICA		4,134,396	4,200,000		2FE
219878-BA-5	CODELCO INC SERIES 144A 3.700% 01/30/50	D.	01/07/2020	JP MORGAN SECURITIES		4,774,450	5,000,000	53,444	1FE
225313-AM-7	CREDIT AGRICOLE SA SERIES 144A 3.250% 01/14/30	D.	01/08/2020	CREDIT AGRICOLE		6,783,504	6,825,000		2FE
225401-AP-3	CREDIT SUISSE GROUP AG SERIES 144A 5.310% 04/01/31	D.	03/27/2020	CREDIT SUISSE SECURITIES US LL		45,000,000	45,000,000		2FE
251566-AA-3	DEUTSCHE TELEKOM AG SERIES 144A 3.625% 01/21/50	D.	01/13/2020	JP MORGAN SECURITIES		16,225,176	16,400,000		2FE
29081P-AE-5	EMBOTELLADORA ANDINA SA SR UNSEC 5.000% 10/01/23	D.	03/23/2020	SUMITOMO MITSUI FINANCIAL GRP		2,947,500	3,000,000	72,500	2FE
29081P-AF-2	EMBOTELLADORA ANDINA SA SERIES 144A 3.950% 01/21/50	D.	01/15/2020	BANK OF AMERICA		14,054,229	14,175,000		2FE
45434L-2A-1	INDIAN RAILWAY FINANCE SERIES 144A 3.249% 02/13/30	D.	02/06/2020	MITSUBISHI UFJ SECURITIES USA		8,000,000	8,000,000		2FE
46128M-AN-1	INVERSIONES OMP SA SERIES 144A 3.850% 01/13/30	D.	01/08/2020	JP MORGAN SECURITIES		7,787,130	7,800,000		2FE
536576-AD-3	LISTRINDO CAPITAL BV CO. GUARNT 4.950% 09/14/26	D.	03/25/2020	HSBC SECURITIES USA INC		1,617,395	1,937,000	3,462	3FE
67576G-AD-9	ODBRCHT OFFSHRE DRLL FIN SR SEC 7.720% 12/01/26	D.	03/01/2020	CONVERSION		364,171	364,171		6*
67576G-AD-9	ODBRCHT OFFSHRE DRLL FIN SR SEC 7.720% 12/01/26	D.	01/01/2020	Interest Capitalization		353,528	353,528		6*
69356J-A*-4	PG RECEIVABLES FINANCE LP SR-UNSEC 3.968% 07/21/25	D.	01/29/2020	GUGGENHEIM SECURITIES		58,100,000	58,100,000		1FE
69370P-AF-8	PT PERTAMINA PERSERO SERIES 144A 3.100% 01/21/30	D.	01/13/2020	CITIGROUP GLOBAL MARKETS INC		13,750,000	13,750,000		2FE
739280-AB-4	POWER FINANCE CORP LTD SERIES 144A 3.950% 04/23/30	D.	01/15/2020	BARCLAYS BANK PLC		8,715,432	8,800,000		2FE
74365P-AA-6	PROSUS NV SERIES 144A 3.680% 01/21/30	D.	01/14/2020	CITIGROUP GLOBAL MARKETS INC		10,975,000	10,975,000		2FE
833636-AJ-2	SOCIEDAD QUIMICA Y MINER SERIES 144A 4.250% 01/22/50	D.	01/16/2020	JP MORGAN SECURITIES		14,957,100	15,000,000		2FE
87936V-AB-3	TELFON CELUAR DEL PARAGU SERIES 144A 5.875% 04/15/27	D.	01/21/2020	BNP PARIBAS		2,712,563	2,550,000	42,863	3FE
64938F-AB-4	IRISH RESIDENTIAL PROP LTD. SR-UNSEC 3.630% 03/10/30	D.	03/10/2020	HSBC SECURITIES USA INC		5,000,000	5,000,000		2Z
64940E-AA-4	IRISH RESIDENTIAL PROP REIT PL SR-UNSEC 1.830% 03/10/30	B.	03/10/2020	HSBC SECURITIES USA INC		21,782,000	21,782,000		2Z
66043F-AG-0	THAMES VALLEY HOUSING ASSOCIAT THAMES VALLEY HOUSING ASSOCIAT 2.570% 12/19/31	B.	01/01/2020	NATIONAL AUSTRALIA BANK		1,170,000	1,170,000		1
3899999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)						4,457,792,907	4,465,423,065	1,958,916	XXX
06326B-AA-7	BANK LEUMI LE ISRAEL SERIES 144A 3.275% 01/29/31	D.	01/22/2020	CITIGROUP GLOBAL MARKETS INC		13,075,000	13,075,000		2FE
4899999. Subtotal - Bonds - Hybrid Securities						13,075,000	13,075,000		XXX
464287-24-2	LQD ISHARES IBOX INVESTMENT GRA		02/04/2020	Various	0.000	900,021,580			2
464288-51-3	HYG ISHARES IBOX HIGH YLD CORP		01/21/2020	GOLDMAN SACHS - CORPORATES	0.000	250,008,157			4
8099999. Subtotal - Bonds - SVO Identified Funds						1,150,029,737			XXX
160967-60-0	Whitcraft LLC Initial Term Loan 04/03/23		03/06/2020	DIRECT		22,487,000	22,600,000		4Z
159778-50-0	SCALED AGILE HLDGS LLC Revolver 06/28/24		03/20/2020	No Broker		1,500,000	1,500,000		4Z
160792-00-0	ImageFirst Holdings LLC Revolver 10/25/24		03/23/2020	No Broker		3,305,579	3,338,969		4Z
160202-70-0	NIC Skincare Intermediate Hold 2020 Incremental Term Loan 10/31/24		02/21/2020	DIRECT		14,850,000	15,000,000		4Z
160778-10-0	NIC Skincare Intermediate Hold Revolver 10/31/24		03/27/2020	No Broker		3,168,000	3,200,000		4Z
158052-40-0	Fortune International LLC Revolver 01/17/25		03/13/2020	No Broker		9,808,318	9,886,890		4Z

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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
160529-30-0	NORTH HAVEN CS ACQUISITION INC First Incremental Term Loan 01/23/25		03/02/2020	DIRECT		8,054,743	8,136,104		4Z
159905-50-0	PIAB LLC Term Loan 02/06/25		02/03/2020	DIRECT		166,227	167,062		4Z
159905-50-0	PIAB LLC Term Loan 02/06/25		02/07/2020	Tax Free Exchange		3,877,658	3,886,493		4Z
160730-90-0	IMAGE INTERNATIONAL INTERMEDIAT First Amendment Inc Term Loan 03/06/25		03/06/2020	DIRECT		14,850,000	15,000,000		4Z
159608-60-0	PromptCare Companies Inc (The) First Delayed Draw Term Loan 12/23/25		02/13/2020	DIRECT		1,818,367	1,836,735		4Z
159608-50-0	PromptCare Companies Inc (The) Term Loan 12/30/25		02/13/2020	DIRECT		13,031,633	13,163,265		4Z
159641-90-0	PromptCare Companies Inc (The) Revolver 12/30/25		02/13/2020	DIRECT		547,519	553,049		4Z
159641-90-0	PromptCare Companies Inc (The) Revolver 12/30/25		03/19/2020	No Broker		1,075,432	1,086,295		4Z
LX1852-68-0	ACCUPAC Initial Term Loan 01/16/26		01/17/2020	DIRECT		14,850,000	15,000,000		4Z
LX1852-45-0	ACCUPAC Revolver 01/16/26		03/19/2020	No Broker		4,790,119	4,798,100		4Z
157806-60-0	Fortune International LLC Initial Term Loan 01/17/26		01/17/2020	DIRECT		9,900,000	10,000,000		4Z
158342-90-0	Simeio Group Holdings Inc Closing Date Term Loan 01/31/26		01/31/2020	DIRECT		12,778,946	12,908,027		4Z
158345-50-0	Simeio Group Holdings Inc Revolver 01/31/26		03/19/2020	No Broker		5,254,615	5,307,692		4Z
158962-80-0	Xiifn Inc Initial Term Loan 02/06/26		02/06/2020	DIRECT		19,648,200	19,846,667		4Z
158987-90-0	Complex Legal Services Inc Initial Term Loan 02/07/26		02/07/2020	DIRECT		15,048,000	15,200,000		4Z
160203-40-0	Alternative Logistics Technolo Initial Term Loan 02/24/26		02/24/2020	DIRECT		12,473,878	12,599,877		4Z
160203-50-0	Alternative Logistics Technolo Revolver 02/24/26		03/18/2020	No Broker		6,000,000	6,000,000		4Z
161249-90-0	TI Acquisition NC LLC Term Loan 03/19/27		03/12/2020	DIRECT		24,911,750	25,100,000		4Z
001736-AB-5	AMC BUYER LLC Revolver 11/01/23		03/23/2020	No Broker		2,145,786	2,145,786		2PL
00488P-AL-9	ACRISURE LLC Term B 01/31/27		01/31/2020	JP MORGAN SECURITIES		9,476,250	9,500,000		4FE
00488P-AL-9	ACRISURE LLC Term B 01/31/27		02/14/2020	Tax Free Exchange		4,133,097	4,137,000		4FE
00866L-AB-2	Ahead Data Blue LLC Revolver 11/08/24		03/19/2020	REGIONS BANK		(7,530,577)	(6,576,923)		3PL
00887#-AB-0	AIM ACQUISITION LLC Revolver 12/02/25		03/23/2020	No Broker		45,714	2,285,714		4Z
01957T-AC-1	ALLIED UNIVERSAL HOLDCO LLC ALLIED UNIVERSAL HOLDCO LLC 07/12/26		02/03/2020	Tax Free Exchange		2,292,793	2,292,793		4FE
02079#-AB-4	ALPHA PACKAGING HLDGS INC Additional Delayed Draw Term L 11/12/21		02/28/2020	Tax Free Exchange		4,863,375	4,863,375		3PL
02079#-AD-0	ALPHA PACKAGING HLDGS INC Tranche B-3 Term Loan 11/12/21		02/28/2020	Tax Free Exchange		8,043,750	8,043,750		3PL
02376C-AX-3	AMERICAN AIRLINES INC AMERICAN AIRLINES INC 10/10/21		01/24/2020	CITIGROUP GLOBAL MARKETS INC		10,930,938	10,958,333		3FE
03217F-AH-2	AMSPEC SERVICES INC Revolver 07/02/24		03/26/2020	No Broker		2,669,231	2,669,231		3PL
03939E-AB-5	ARCH GLOBAL CCT HLDGS CORP Delayed Draw Term Loan 04/01/26		01/01/2020	ANTARES		25,962	25,962		2PL
03939E-AC-3	ARCH GLOBAL CCT HLDGS CORP Revolver 04/01/25		03/24/2020	No Broker		3,594,791	3,594,791		2PL
03939E-AD-1	ARCH GLOBAL CCT HLDGS CORP Term Loan 04/01/26		02/12/2020	ANTARES		12,440,246	12,440,246		2PL
03939E-AD-1	ARCH GLOBAL CCT HLDGS CORP Term Loan 04/01/26		01/01/2020	Tax Free Exchange		25,962	25,962		2PL
04041E-AB-8	ARISE HLDGS INC First Lien Revolver 12/09/25		03/27/2020	No Broker		150,000	150,000		2PL
04184S-AA-6	THE CITY OF ARLINGTON, TEXAS SR-SEC 3.710% 10/01/49		03/24/2020	THE CITY OF ARLINGTON		79,790,000	79,790,000		2Z
04621H-AN-3	ASSUREDPARTNERS INC Term B 02/11/27		02/20/2020	Tax Free Exchange		27,520,794	27,523,386		4FE
05377J-AR-3	AVIS BUDGET CAR RENTAL LLC TERM B 07/31/27		01/31/2020	JP MORGAN SECURITIES		2,493,750	2,500,000		2FE
05377J-AR-3	AVIS BUDGET CAR RENTAL LLC TERM B 07/31/27		02/07/2020	Tax Free Exchange		9,071,729	9,063,384		2FE
08579J-BF-8	BERRY GLOBAL INC Term Y 07/01/26		01/07/2020	Tax Free Exchange		18,432,375	18,432,375		3FE
09228H-AB-5	FLIGHT BUYER LLC SR-UNSEC First Lien Delayed Draw Term L 04/08/26		01/14/2020	No Broker		1,924,000	1,924,000		3PL
10153K-AB-5	Boulder scientific Revolver 06/30/25		03/13/2020	No Broker		750,000	750,000		2PL
10153K-AD-1	BOULDER SCIENTIFIC CO LLC Delayed Draw Term Loan 12/28/25		03/13/2020	No Broker		544,500	550,000		2PL
10954B-AB-6	BRILLIO LLC Delayed Draw Term Loan 02/06/25		03/27/2020	No Broker		1,485,266	1,485,266		2PL
11132V-AP-4	BROADSTREET PARTNERS INC BROADSTREET PARTNERS INC 01/22/27		01/22/2020	RBC DAIN RAUSCHER INC		1,900,000	1,900,000		4FE
11132V-AP-4	BROADSTREET PARTNERS INC BROADSTREET PARTNERS INC 01/22/27		01/28/2020	Tax Free Exchange		9,012,765	9,033,848		4FE
11517#-AA-7	BROWN & JOSEPH LLC Initial Term Loan 06/20/24		03/02/2020	TWIN BROOK CAPITAL PARTNERS LL		3,465,000	3,500,000		3PL
11823L-AH-8	HERCULES MERGER SUB LLC HERCULES MERGER SUB LLC 11/01/26		01/01/2020	CREDIT SUISSE INTERNATIONAL MU		(1,442,750)	(1,450,000)		3FE
12509N-AB-6	CDI ACQUISITIONCO INC Revolver 12/24/24		01/01/2020	No Broker		93,333	9,333,333		2PL
18271*-AB-0	CLARUS GLASSBOARDS LLC Revolver 11/15/45		03/20/2020	No Broker		119,691	119,691		3PL
20007*-AC-5	COMAR HLDG CO LLC Revolver 06/18/24		03/26/2020	No Broker		744,681	744,681		3PL
204678-AA-0	Complex Legal Services Inc Revolver 02/07/25		03/20/2020	No Broker		2,722,500	2,750,000		4Z
21720*-AA-3	COP HOME SERVICES HLDGS-INC. SUB-UNSEC 11/13/25		01/01/2020	Interest Capitalization		30,281	30,281		5
22235C-AC-8	COUNTRY FRESH HLDGS LLC Initial Incremental Term Loan 04/29/23		01/01/2020	Interest Capitalization		(64,722)	(64,722)		5PL
22243#-AB-3	COUNTRY FRESH HLDGS LLC Revolver 05/01/23		03/25/2020	No Broker		1,035,930	1,035,930		5PL
23918V-AY-0	DAVITA INC Term B 08/12/26		02/14/2020	Tax Free Exchange		14,454,547	14,488,688		3FE
24022B-AB-5	DAYTONA HLDG CO LLC First Lien Delayed Draw Term L 04/01/26		01/01/2020	DAYTONA HOLDING COMPANY LLC		(13,026,000)	(13,026,000)		4Z
24022B-AB-5	DAYTONA HLDG CO LLC First Lien Delayed Draw Term L 04/01/26		03/05/2020	Tax Free Exchange		13,026,000	13,026,000		4Z
24022B-AC-3	DAYTONA HLDG CO LLC First Lien Revolver 10/01/25		03/24/2020	No Broker		4,698,542	4,698,542		2PL
24702N-BE-9	DELL INTERNATIONAL LLC DELL INTERNATIONAL LLC 09/19/25		03/25/2020	CREDIT SUISSE SECURITIES US LL		1,785,000	2,000,000		2FE
269246-AC-0	E-TECHNOLOGIES GROUP LLC Revolver 04/08/24		03/24/2020	No Broker		2,560,000	2,560,000		3PL
29273P-AE-3	PHYSICIANS ENDOSCOPY-L.L.C. First Amendment Delayed Draw T 08/18/23		03/24/2020	No Broker		253,611	253,611		3PL
34323*-AA-7	FLORIDA VEG INVS LLC SUB-UNSEC 12.000% 01/26/26		02/07/2020	FLORIDA VEG INVESTMENTS LLC		3,087,000	3,150,000		4Z

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STATEMENT AS OF MARCH 31, 2020 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
34965F-AC-2	Fortune International LLC Delayed Draw Term Loan 01/17/26		03/03/2020	No Broker		226,870	229,162		4Z
35041E-AB-1	FOUNDATION RISK PARTNERS CORP Revolver 11/10/23		01/01/2020	ARES CAPITAL MANAGEMENT		(900,000)	(900,000)		3PL
35041E-AB-1	FOUNDATION RISK PARTNERS CORP Revolver 11/10/23		03/13/2020	No Broker		5,400,000	5,400,000		3PL
36258C-AB-2	GSP HLDGS LLC Revolver 11/06/25		03/18/2020	No Broker		3,762,000	3,800,000		3PL
36555E-AU-3	JINGERSOLL-RAND CO TERM B 02/28/27		02/07/2020	CITIGROUP GLOBAL MARKETS INC		11,885,125	11,900,000		3FE
37233F-AB-3	PRECISION AVIATION GROUP INC Revolver 07/24/24		03/17/2020	No Broker		3,600,000	3,600,000		3PL
37233F-AC-1	PRECISION AVIATION GROUP INC Term A Loan 07/24/24		01/17/2020	MADISON CAPITAL FUNDING		3,450,489	3,450,489		3PL
37233F-AD-9	PRECISION AVIATION GROUP INC Delayed Draw Term Loan 07/24/24		01/17/2020	No Broker		(25,316)	2,531,646		3PL
37244F-AB-0	GENSERVE LLC Delayed Draw Term Loan 04/12/24		03/16/2020	No Broker		4,550,333	4,550,333		3PL
37244F-AC-8	GENSERVE LLC Revolver 02/25/33		03/19/2020	No Broker		1,250,000	1,250,000		3PL
37249U-AU-0	GENTIVA HEALTH SERVICES Gentiva Health Services INC 07/02/25		01/23/2020	Tax Free Exchange		21,307,731	21,462,454		4FE
38216E-AC-2	GOOD2GROW LLC First Lien Revolver 11/16/23		03/20/2020	No Broker		7,117,800	7,117,800		3PL
38742E-AD-4	SCS HOLDINGS I INC TERM 07/03/26		02/04/2020	Tax Free Exchange		12,011,526	12,039,500		3FE
44108H-AJ-0	HOSSESS BRANDS LLC HOSSESS BRANDS LLC 08/03/25		01/14/2020	Tax Free Exchange		2,369,086	2,375,000		4FE
45320*-AC-2	IMPLEMENTATION MGMT ASSISTANCE Revolver 12/13/23		03/13/2020	No Broker		2,100,000	2,100,000		2PL
45719E-AB-1	INHANCE TECHNOLOGIES HLDGS LLC Delayed Draw Term Loan 07/16/24		03/31/2020	No Broker		1,381,724	1,381,724		3PL
45781E-AG-0	INOVALON HOLDINGS INC Term B1 04/02/25		02/13/2020	Tax Free Exchange		36,698,718	37,125,689		4FE
45836*-AB-1	Integrity Marketing Acquisitio Amendment No 2 Delayed Draw Te 08/06/25		03/20/2020	No Broker		4,905,300	4,980,000		4PL
48268J-AB-0	KSLB HLDGS LLC Revolver 07/30/23		03/23/2020	No Broker		1,666,667	1,666,667		3PL
48881F-AC-3	KENE ACQUISITION INC First Lien Delayed Draw Term L 08/08/26		02/06/2020	JP MORGAN SECURITIES		292,500	292,500		3PL
48881F-AD-1	KENE ACQUISITION INC First Lien Initial Revolver 08/08/24		03/20/2020	No Broker		4,125,000	4,125,000		3PL
49911F-AB-7	J. KNIPPER AND CO INC Revolver 10/01/25		01/01/2020	Various					4Z
49911F-AB-7	J. KNIPPER AND CO INC Revolver 10/01/25		03/18/2020	No Broker		2,549,020	2,549,020		4Z
50082F-AA-0	KRAMER LABORATORIES INC Initial Term Loan 06/22/24		03/06/2020	CAMBRIDGE INTL SECURITIES INC.		4,950,000	5,000,000		2PL
50082F-AB-8	KRAMER LABORATORIES INC Initial Revolver 04/11/31		03/20/2020	No Broker		4,000,000	4,000,000		2PL
53631Q-AC-2	LIQUI-BOX HLDGS INC Initial Term Loan 02/26/27		01/01/2020	ANTARES		34,872,750	35,225,000		4FE
55292S-AC-3	MBS HLDGS INC First Lien Revolver 07/02/23		03/24/2020	No Broker		2,297,297	2,297,297		3PL
55316H-AB-1	GENESEEE & WYOMING INC GENESEEE & WYOMING INC 12/30/26		03/09/2020	CREDIT SUISSE SECURITIES US LL		1,905,000	2,000,000		3FE
55340F-AD-1	MB2 DENTAL SOLUTIONS-LLC INCREMENTAL TL 03/29/24		02/13/2020	MB2 DENTAL SOLUTIONS LLC		7,889,000	8,050,000		3Z
55836F-AB-5	TRUMP CARD HLDGS LLC Revolver 04/21/22		03/24/2020	No Broker		960,000	960,000		2PL
56032Y-AF-6	MAILSOUTH INC Revolver 04/24/23		01/23/2020	No Broker		330,000	330,000		3PL
58174E-AA-4	MCKISSOCK LLC Closing Date Term Loan 05/01/25		01/01/2020	CRESCENT CAPITAL GROUP		1,867,487	1,886,350		3PL
58174E-AC-0	MCKISSOCK LLC New Revolver 05/01/25		03/27/2020	No Broker		1,534,247	1,534,247		3PL
58943P-AG-5	MEREDITH CORP Term B 01/31/25		02/24/2020	Tax Free Exchange		9,729,654	9,751,732		3FE
60725F-AB-0	MOBILE COMMUNICATIONS AMERICA Revolver 03/04/25		03/17/2020	No Broker		3,417,944	3,417,944		3PL
62890H-AB-1	NS412 LLC Revolver 05/06/25		01/31/2020	No Broker		1,000,000	1,000,000		3PL
62910P-AC-7	NFP CORP NFP CORP 01/05/24		01/01/2020	Various		(25,675)	(25,707)		4FE
62910P-AC-7	NFP CORP NFP CORP 01/05/24		01/09/2020	Tax Free Exchange		1,583,928	1,585,887		4FE
62910P-AF-0	NFP CORP TERM B 02/03/27		02/20/2020	Tax Free Exchange		27,369,542	27,610,692		4FE
62922E-AB-0	NUYEY LLC Revolver 09/14/24		03/20/2020	No Broker		3,642,467	3,642,467		2PL
62922E-AD-6	NUYEY LLC Delayed Draw Term Loan 09/15/24		02/05/2020	No Broker		3,492,063	3,492,063		2PL
64431F-AC-5	NEW ERA TECHNOLOGY INC Revolver 09/24/25		03/18/2020	No Broker		5,330,332	5,349,650		3PL
64556R-AB-0	New ILC Dover Inc REVOLVING CREDIT COMMITMENT 02/02/26		03/17/2020	No Broker		2,516,949	2,542,373		4Z
64556R-AD-6	New ILC Dover Inc Initial Term Loan 01/31/26		01/31/2020	DIRECT		14,850,000	15,000,000		4Z
65957F-AB-8	NORTH HAVEN CS ACQUISITION INC Revolver 01/23/25		03/24/2020	No Broker		10,000,000	10,000,000		3PL
65960C-AB-0	NORTH HAVEN SPARTAN US HOLDCO Revolver 06/06/24		03/19/2020	No Broker		9,000,000	9,000,000		3PL
67103*-AB-1	ONS MSO, LLC First Lien Revolver 07/08/24		03/24/2020	No Broker		5,000,000	5,000,000		2PL
68248K-AB-0	ONE WORLD FITNESS PFF LLC Revolver 11/26/24		03/18/2020	No Broker		4,950,000	5,000,000		2PL
69396E-AB-1	PPT MGMT HLDGS LLC SR-UNSEC 12/16/22		01/02/2020	Interest Capitalization		33,286	33,286		4PL
69408F-AA-7	PT SOLUTIONS Initial Term Loan 06/01/23		03/03/2020	JP MORGAN SECURITIES		1,425,600	1,440,000		2PL
69420F-AA-1	RMP GROUP INC. Term Loan 02/07/27		02/07/2020	DIRECT		23,720,648	23,960,250		4Z
70439E-AC-6	PAYMENT ALLIANCE Initial Revolver 01/31/24		03/12/2020	No Broker		10,900,000	11,100,000		3PL
71584F-AB-7	PET SUPPLIES PLUS LLC Revolver 12/12/23		03/23/2020	No Broker		5,581,395	5,581,395		3PL
73178T-AD-1	POLYMER SOLUTIONS GROUP LLC Revolver 11/26/25		03/18/2020	No Broker		3,046,154	3,076,923		3PL
74101Y-AD-0	PRESIDIO HOLDINGS INC PRESIDIO HOLDING INC 12/19/26		01/15/2020	JP MORGAN SECURITIES		1,526,175	1,530,000		4FE
74376E-AB-5	PROTEIN FOR PETS OPKO LLC Initial Revolver 05/13/29		03/25/2020	No Broker		868,000	868,000		2PL
75703U-AH-8	RED VENTURES LLC TERM B 11/08/24		01/23/2020	BANK OF AMERICA		3,000,000	3,000,000		4FE
75915T-AD-4	LIFEPOINT HEALTH INC TERM B 11/16/25		02/11/2020	CITIGROUP GLOBAL MARKETS INC		10,025,000	10,000,000		4FE
76171J-AB-7	REYNOLDS CONSUMER PRODUCTS LLC TERM 01/30/27		03/24/2020	CREDIT SUISSE SECURITIES US LL		14,798,625	15,100,000		3FE
78466D-BD-5	SS&C TECHNOLOGIES INC SS&C TECHNOLOGIES INC 04/16/25		02/04/2020	Tax Free Exchange		3,305,332	3,311,659		3FE
78466D-BF-0	SS&C TECHNOLOGIES INC SS&C TECHNOLOGIES INC 04/16/25		02/04/2020	Tax Free Exchange		12,016,734	12,243,308		3FE

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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
78472B-AB-6	SSJA BARIATRIC MGMT LLC Revolver 08/26/24		03/17/2020	No Broker		3,395,833	3,395,833		3PL
78472B-AC-4	SSJA BARIATRIC MGMT LLC Term A Loan 08/26/24		01/13/2020	CHURCHILL CLO I		7,910,574	7,980,000		3PL
78490B-AC-5	SIW HLDGS-LLC SR-UNSEC 06/28/25		02/12/2020	Tax Free Exchange		791,031	798,500		5G1
80306Y-A*-9	SAPPHIRE TELECOM INC Revolver 11/20/23		03/19/2020	No Broker		6,271,187	6,271,187		3PL
80862Q-AG-6	SCIENCE APPLICATIONS INT TERM B 03/05/27		03/05/2020	CITIGROUP GLOBAL MARKETS INC		7,920,000	8,000,000		3FE
81722K-AC-6	CHASE INDUSTRIES INC First Lien Initial Term Loan - 05/11/25		01/01/2020	ANTARES		20,079	20,079		5PL
83174F-AA-0	SMILE DOCTORS LLC Term A Loan 10/06/22		01/31/2020	Interest Capitalization		10,085,806	10,085,806		2PL
83174F-AB-8	SMILE DOCTORS LLC Delayed Draw Term Loan 10/06/22		01/02/2020	No Broker		885,372	885,372		2PL
83421B-AA-3	Soliant Holdings LLC Revolver 12/31/24		03/18/2020	No Broker		3,357,750	3,388,000		4Z
87404F-AC-9	TAILWIND RANDYS LLC Revolver 05/16/25		03/18/2020	No Broker		1,333,333	1,333,333		3PL
89364M-BQ-6	TRANSDIGM INC TERM E 05/30/25		02/07/2020	Tax Free Exchange		2,954,887	2,954,887		4FE
89364M-BR-4	TRANSDIGM INC TERM F 12/31/25		02/07/2020	Tax Free Exchange		27,411,695	27,460,863		4FE
89364M-BS-2	TRANSDIGM INC TERM G 08/22/24		02/07/2020	Tax Free Exchange		6,894,472	6,894,472		4FE
89388H-AC-1	TRANSPORTATION INSIGHT LLC 2018 Delayed Draw Term Loan 12/18/24		01/16/2020	Various		183,673	183,673		4PL
89388H-AD-9	TRANSPORTATION INSIGHT LLC Revolver 03/25/47		03/24/2020	No Broker		3,545,918	3,545,918		4PL
90352Y-AD-2	USRP HLDGS INC Revolver 03/29/23		03/20/2020	No Broker		1,250,000	1,250,000		3PL
90370F-AB-5	US RADIOLOGY SPECIALISTS INC Revolver 01/01/23		03/13/2020	No Broker		9,875,986	9,875,986		2PL
90372B-AA-7	US RADIOLOGY SPECIALISTS INC SR-UNSEC 01/01/24		01/02/2020	Various		13,765,785	13,825,782		2PL
90470C-AG-0	UNIFIED PHYSICIAN MGMT LLC Delayed Draw Term Loan C 11/27/23		03/17/2020	No Broker		1,620,000	1,620,000		3PL
91834B-AC-0	VITAL SMART LLC Revolver 09/30/26		03/20/2020	No Broker		5,373,134	5,373,134		2PL
91865F-AF-6	VACO HLDGS LLC Revolver 11/09/22		03/17/2020	No Broker		1,850,000	1,850,000		2PL
91916F-AB-4	VALIDITY INC Revolver 05/30/24		03/24/2020	No Broker		1,619,433	1,619,433		2PL
91916F-AD-0	VALIDITY INC Term Loan 05/30/25		03/25/2020	Tax Free Exchange		3,482,138	3,482,138		2PL
91917L-AB-0	VALICOR PPC INTERMEDIATE II LL First Lien Revolver 07/24/24		03/13/2020	No Broker		4,365,000	4,515,000		4PL
92261F-AB-3	VELOCITY TECHNOLOGY SOLUTIONS Revolver 05/16/24		03/31/2020	No Broker		2,550,000	2,550,000		3PL
92675*-AB-7	VANGUARD PACKAGING LLC Revolving Loan 08/09/24		03/23/2020	No Broker		3,120,000	3,120,000		2PL
157823-90-0	COMAR HLDG CO LLC First Amendment Term Loan 06/18/24		01/23/2020	DIRECT		1,005,986	1,016,148		4Z
157942-30-0	Comar Holding Company LLC First Amendment Delayed Draw T 06/18/24		03/23/2020	No Broker		456,671	461,284		4Z
LX1866-78-0	WHITCRAFT LLC REVOLVER 03/04/23		03/26/2020	No Broker		1,990,000	2,000,000		4Z
95841F-AD-1	WIRB CORPERNICUS GROUP INC 01/01/2020		01/01/2020	No Broker		(429,000)	429,000		4Z
98160U-AB-9	WORLDWIDE CLINICAL TRIALS HLDG Revolver 12/01/36		03/19/2020	No Broker		3,750,000	3,750,000		4PL
98415D-B*-4	Xifin Inc Initial Revolver 02/06/26		03/20/2020	No Broker		2,970,000	3,000,000		4Z
98919X-AB-7	FRONT RANGE BIDCO INC TERM 02/21/27		02/20/2020	CREDIT SUISSE SECURITIES US LL		6,957,563	6,975,000		4FE
98975V-AK-2	ZODIAC POOL SOLUTIONS Term B 07/02/25		01/30/2020	Tax Free Exchange		10,564,591	10,538,331		3FE
AA2992-6J-0	DAYTONA HLDG CO LLC First Lien Delayed Draw Term L 04/01/26		01/01/2020	DAYTONA HOLDING COMPANY LLC		13,026,000	13,026,000		4Z
BL3089-54-9	GENESEE WYOMING INC 11/06/26		01/01/2020	CREDIT SUISSE SECURITIES US LL		(8,880,375)	(8,925,000)		3FE
BL3128-18-0	ELANCO ANIMAL HEALTH INC TERM B 02/04/27		03/24/2020	GOLDMAN SACHS & COMPANY		15,170,000	15,450,000		3FE
BL3188-44-0	DELEK US HOLDINGS INC DELEK US HOLDINGS INC 03/30/25		01/01/2020	WELLS FARGO		(1,975,800)	(2,000,000)		3FE
BL3220-48-2	HAMILTON HLDG CO LLC TERM B 01/02/27		03/10/2020	Tax Free Exchange		20,398,907	20,439,398		3FE
BL3245-33-1	NFP CORP NFP Corp 01/08/24		01/01/2020	BANK OF AMERICA		(4,082)	(4,113)		4Z
BL3284-00-9	Froneri US INC TERM 01/30/27		03/11/2020	CREDIT SUISSE SECURITIES US LL		10,134,250	10,300,000		4FE
BL3292-04-4	QUIKRETE HOLDINGS INC Term B 01/29/27		02/05/2020	WELLS FARGO		12,980,000	13,000,000		4FE
BL3292-04-4	QUIKRETE HOLDINGS INC Term B 01/29/27		02/11/2020	Tax Free Exchange		16,847,094	16,839,009		4FE
BL3296-81-3	DTZ US BORROWER LLC TERM B 08/21/25		01/31/2020	Tax Free Exchange		77,003,798	77,321,250		4Z
C86658-AA-2	COUNTRY FRESH HLDGS LLC 2ND LIEN PIK and NONPIK 03/31/23		01/10/2020	Interest Capitalization		64,722	64,722		5PL
C9413P-AZ-6	BAUSCH HEALTH AMERICAS BAUSCH HEALTH AMERICAS 06/02/25		03/17/2020	BARCLAYS BANK PLC		1,319,451	1,459,974		3FE
N8232N-AB-3	NOURYON USA LLC TERM B 10/01/25		01/27/2020	Tax Free Exchange		38,941,711	39,374,835		4FE
Z00058-37-2	NONNI'S FOODS-LLC Revolver 09/15/27		03/25/2020	No Broker		1,500,000	1,500,000		4FE
Z00061-40-0	COMAR HLDG CO LLC Delayed Draw Term Loan 06/18/24		01/23/2020	No Broker		2,887,500	2,916,667		4Z
Z00066-88-8	FLIGHT BUYER LLC SR-UNSEC SR-UNSEC 04/08/24		03/25/2020	No Broker		2,891,566	2,891,566		4Z
Z00070-43-5	TANGENT TECHNOLOGIES ACQUISITI Term Loan 12/02/24		02/20/2020	ANTARES		1,748,196	1,765,855		2Z
Z00070-43-5	TANGENT TECHNOLOGIES ACQUISITI Term Loan 12/02/24		02/24/2020	Tax Free Exchange		475,827	480,634		2Z
Z00070-44-3	TANGENT TECHNOLOGIES Delayed Draw Term Loan 11/30/24		02/24/2020	No Broker		475,827	480,634		2Z
Z00071-14-4	HARVEST SEI BUYER-INC. Term Loan 11/26/25		01/01/2020	HARVEST SEI BUYER		8,173,200	8,340,000		4Z
Z00072-17-5	Soliant Holdings LLC Term Loan 12/31/26		01/01/2020	MIDCAP FINANCIAL TRUST		26,373,600	26,640,000		4Z
Z00072-24-1	WORLD 50-INC. Senior Secured Term B Loan 01/08/27		01/10/2020	WORLD 50		40,575,000	41,250,000		4Z
Z00073-12-4	COP HOME SERVICES HLDGS-INC. SUB-UNSEC 11/13/25		02/12/2020	COP HOME SERVICES HOLDINGS		10,583,020	10,799,000		4Z
Z00073-93-4	VMG HLDGS LLC SUB-UNSEC 11,000% 09/14/25		03/17/2020	VMG HOLDINGS LLC		11,039,625	11,325,000		4Z
C7052B-AF-1	GFL ENVIRONMENTAL INC GFL ENVIRONMENTAL INC 05/31/25	A.	01/01/2020	Various		(12,690)	(12,658)		4FE
78466D-BE-3	SS&C EUROPEAN HOLDINGS SARL SS&C EUROPEAN HOLDINGS SARL 04/16/25	D.	02/04/2020	Tax Free Exchange		2,358,586	2,363,097		3FE
8299999. Subtotal - Bonds - Unaffiliated Bank Loans						1,309,462,825	1,349,090,368		XXX

E04.13

STATEMENT AS OF MARCH 31, 2020 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
8399997. Total - Bonds - Part 3						8,887,722,565	7,708,492,792	4,274,742	XXX
8399998. Total - Bonds - Part 5						XXX	XXX	XXX	XXX
8399999. Total - Bonds						8,887,722,565	7,708,492,792	4,274,742	XXX
14152#-13-7	ZYWAVE INSURANCE SOLUTIONS PREFERRED EQUITY COINVEST		.01/01/2020	JP MORGAN SECURITIES	1,502,750	1,502,750	0.00		5Z
486606-3*-5	KAYNE ANDERSON MLP INV CO PFDS		.02/11/2020	BANC OF AMERICA SECURITIES INC	5,000,000.000	5,000,000	0.00		2FE
Z00067-41-5	TIAA CHURCHILL MIDDLE MARKET C PFDS		.03/23/2020	WELLS FARGO	39,000,000.000	39,000,000	0.00		5G1
8499999. Subtotal - Preferred Stocks - Industrial and Miscellaneous (Unaffiliated) Perpetual Preferred						45,502,750	XXX		XXX
8999997. Total - Preferred Stocks - Part 3						45,502,750	XXX		XXX
8999998. Total - Preferred Stocks - Part 5						XXX	XXX	XXX	XXX
8999999. Total - Preferred Stocks						45,502,750	XXX		XXX
B6216C-63-0	NUVEEN FUND ADVISORS LLC NUVEEN GLBL RL EST SEC-EURIA		.01/14/2020	BFDS BROKER	1,257,860	27,979			
886376-10-4	TIAA-CREF Tuition Financing, LLC		.03/31/2020	ISSUER	1,000				
22788C-10-5	CROWDSTRIKE HOLDINGS INC A		.01/17/2020	DISTRIBUTION	42,050,000	2,363,407			
670650-55-8	NUVEEN HIGH YIELD MUNI BOND R6 NUVEEN HIGH YIELD MUNI BOND R6		.03/25/2020	BFDS BROKER	70,770,131.070	1,100,000,000			
670700-86-3	NUVEEN INVESTMENTS NUVEEN GRESHAM DIV COMMODITY S		.03/24/2020	BFDS BROKER	3,148,610	25,000			
670713-30-4	NUVEEN INVESTMENTS NUVEEN INTERNATIONAL GROWTH R6		.03/24/2020	BFDS BROKER	701,060	25,000			
9099999. Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Publicly Traded						1,102,441,386	XXX		XXX
Z00071-90-4	NUVEEN CHURCHILL BDC INC, Nuveen Churchill BDC Inc.		.01/01/2020	CHURCHILL CLO I	50,000	1,000			
Z00071-90-4	NUVEEN CHURCHILL BDC INC, Nuveen Churchill BDC Inc.		.01/01/2020	Taxable Exchange	3,310,540,000	66,211,796			
Z05100-00-7	FEDERAL HOME LOAN BANK MEMBERSHIP STOCK		.03/31/2020	FEDERAL HOME LOAN BANK	8,865,670,960	886,567,096			
9199999. Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Other						952,779,892	XXX		XXX
60407*-10-3	ND Properties Inc		.03/31/2020	Issuer	68,000	26,369,723			
68062#-10-8	GLEUM HOLDING COMPANY, INC.		.03/31/2020	CAPITAL CONTRIBUTION	0,000	182,843			
87226#-10-3	T-C Europe Holding Inc		.03/31/2020	Issuer	1,000	358			
81793*-10-1	730 TEXAS FOREST HOLDINGS, INC.		.03/30/2020	CAPITAL CONTRIBUTION	0,000	349			
62869#-10-6	MYVEST CORPORATION		.01/31/2020	CAPITAL CONTRIBUTION	0,000	293,038			
9399999. Subtotal - Common Stocks - Parent, Subsidiaries and Affiliates Other						26,846,311	XXX		XXX
9799997. Total - Common Stocks - Part 3						2,082,067,589	XXX		XXX
9799998. Total - Common Stocks - Part 5						XXX	XXX	XXX	XXX
9799999. Total - Common Stocks						2,082,067,589	XXX		XXX
9899999. Total - Preferred and Common Stocks						2,127,570,339	XXX		XXX
9999999 - Totals						11,015,292,904	XXX	4,274,742	XXX

E04.14

STATEMENT AS OF MARCH 31, 2020 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 Ident-ification	Description	For-ign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consid-eration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization)/ Accretion	Current Year's Other Than Temporary Impairment Recogn-ized	Total Change in Book/ Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Con-tractual Maturity Date	NAIC Desig-nation and Admini-strative Symbol
022650-AA-6	AMAL LTD US GOVT GUARANT 3.465% 08/21/21		02/21/2020	Redemption 100.0000		358,496	358,496	358,496	358,496						358,496				3,105	08/21/2021	1
228027-AA-6	VESEL MANAGEMENT SERVIC US GOVT GUARANT 3.432% 08/15/36		02/15/2020	Call 100.0000		89,000	89,000	89,000	89,000						89,000				1,527	08/15/2036	1
311995-E2-6	FHA PROJECT LN#9 .FHA PROJECT LN#9 7.43 7.430% 05/01/23		03/01/2020	Paydown		283	283	275	280		2		2		283				3	05/01/2023	1
36177N-5L-0	GN 794450 2.710% 12/15/29		03/01/2020	Paydown		1,051,633	1,051,633	1,051,633	1,051,633						1,051,633				4,754	12/15/2029	1
36179A-SR-8	GN AC1428 2.690% 06/15/33		03/01/2020	Paydown		931,572	931,572	897,876	904,944		26,628		26,628		931,572				4,180	06/15/2033	1
36179D-BB-2	GN AC3663 2.490% 06/15/35		03/01/2020	Paydown		1,529,782	1,529,782	1,478,152	1,488,458		41,324		41,324		1,529,782				6,353	06/15/2035	1
3617AD-WA-0	GN A00641 3.130% 07/15/35		03/01/2020	Paydown		1,215,418	1,215,418	1,215,418	1,215,418						1,215,418				6,346	07/15/2035	1
3617AC-CN-8	GN BA0077 4.010% 03/15/44		01/30/2020	Taxable Exchange		74,527,756	64,945,557	64,945,557	64,945,557						64,945,557		9,582,199	9,582,199	426,819	03/15/2044	1
3617AC-CP-3	GNMA POOL BAO078 4.010% 03/15/44		03/01/2020	Paydown		252,719	252,719	285,403	252,719		(32,685)		(32,685)		252,719				1,244	03/15/2044	1
3617BU-DK-2	GN BE1006 3.625% 01/15/43		03/01/2020	Paydown		117,653	117,653	120,594	120,387		(2,735)		(2,735)		117,653				712	01/15/2043	1
36180K-2K-6	GN AD7978 3.920% 05/15/33		03/01/2020	Paydown		140,627	140,627	140,336	140,352		275		275		140,627				920	05/15/2033	1
36180U-Q4-4	GN AE2275 3.500% 01/15/32		03/01/2020	Paydown		259,493	259,493	250,269	252,909		6,584		6,584		259,493				1,515	01/15/2032	1
36180W-E5-0	GN AE3756 4.900% 07/15/55		03/01/2020	Paydown		12,807	12,807	14,741	14,599		(1,792)		(1,792)		12,807				105	07/15/2055	1
36180W-E6-8	GN AE3757 4.250% 01/15/39		03/01/2020	Paydown		151,001	151,001	151,472	151,332		(331)		(331)		151,001				1,071	01/15/2039	1
36180W-EZ-4	GN AE3752 4.400% 09/15/50		03/01/2020	Paydown		33,211	33,211	34,552	34,469		(1,258)		(1,258)		33,211				224	09/15/2050	1
36181D-XS-0	GN AE9689 4.600% 05/15/55		03/01/2020	Paydown		35,642	35,642	35,642	35,642						35,642				274	05/15/2055	1
36181G-WY-1	GN AF1563 3.960% 05/15/30		03/01/2020	Paydown		1,292,741	1,292,741	1,318,596	1,309,491		(16,750)		(16,750)		1,292,741				8,542	05/15/2030	1
36181R-5Z-4	GN AF9864 4.250% 09/15/38		03/01/2020	Paydown		1,802,529	1,802,529	1,802,529	1,802,529						1,802,529				12,784	09/15/2038	1
36181R-6A-8	GN AF9865 4.000% 03/15/34		03/01/2020	Paydown		511,849	511,849	522,086	519,183		(7,334)		(7,334)		511,849				3,416	03/15/2034	1
36181R-6C-4	GN AF9867 4.740% 03/15/41		03/01/2020	Paydown		305,319	305,319	332,748	329,846		(24,527)		(24,527)		305,319				2,415	03/15/2041	1
36181R-6E-0	GN AF9869 4.700% 03/15/41		03/01/2020	Paydown		122,671	122,671	131,344	130,454		(7,783)		(7,783)		122,671				962	03/15/2041	1
36189E-PN-0	GN AP6729 4.450% 03/15/41		03/01/2020	Paydown		48,615	48,615	52,507	52,090		(3,474)		(3,474)		48,615				361	03/15/2041	1
36194T-4T-0	GN AU6234 4.000% 04/15/37		03/01/2020	Paydown		460,983	460,983	496,349	491,370		(30,387)		(30,387)		460,983				3,077	04/15/2037	1
36195W-VJ-2	GN AW7981 3.970% 02/15/37		03/01/2020	Paydown		784,296	784,296	835,276	828,078		(43,782)		(43,782)		784,296				5,196	02/15/2037	1
36202E-UR-8	G2 4192 4.500% 07/20/38		03/01/2020	Paydown		393,835	393,835	384,173	384,616		9,219		9,219		393,835				3,199	07/20/2038	1
36202F-W3-6	G2 5166 3.000% 09/20/26		03/01/2020	Paydown		1,207	1,207	1,275	1,255		(48)		(48)		1,207				6	09/20/2026	1
36202A-UH-7	GN 717084 4.500% 05/15/39		03/01/2020	Paydown		576,302	576,302	588,638	587,951		(11,649)		(11,649)		576,302				4,786	05/15/2039	1
3620AN-RW-2	GN 735001 4.000% 01/15/29		03/01/2020	Paydown		261,404	261,404	263,364	262,304		(901)		(901)		261,404				1,745	01/15/2029	1
3620AS-VD-8	GN 738712 3.000% 09/15/26		03/01/2020	Paydown		9,313	9,313	9,756	9,634		(321)		(321)		9,313				44	09/15/2026	1
3620C1-JZ-0	GN 745580 3.280% 06/15/39		03/01/2020	Paydown		205,360	205,360	188,253	191,029		14,331		14,331		205,360				1,124	06/15/2039	1
36230M-ER-4	GN 752844 4.310% 05/15/29		03/01/2020	Paydown		125,721	125,721	125,721	125,721						125,721				904	05/15/2029	1
36230M-ET-0	GN 752846 5.850% 07/15/38		03/01/2020	Paydown		1,654,188	1,654,188	1,654,188	1,653,894		294		294		1,654,188				16,156	07/15/2038	1
36230M-EH-3	GN 752849 5.375% 02/15/37		03/01/2020	Paydown		368,072	368,072	368,072	368,072						368,072				3,303	02/15/2037	1
36230M-FL-6	GN 752871 3.850% 07/15/36		03/01/2020	Paydown		27,365	27,365	26,681	26,824		541		541		27,365				176	07/15/2036	1
36230M-FN-2	GN 752873 4.450% 07/15/38		03/01/2020	Paydown		208,765	208,765	208,765	208,765						208,765				1,550	07/15/2038	1
36241K-AB-4	GN 781802 4.500% 12/15/33		03/01/2020	Paydown		78,788	78,788	76,732	76,901		1,887		1,887		78,788				588	12/15/2033	1
36241K-WE-4	G2 782445 4.500% 10/20/38		03/01/2020	Paydown		156,866	156,866	148,728	149,057		7,809		7,809		156,866				1,414	10/20/2038	1
36290W-J6-0	GN 619585 4.500% 09/15/33		03/01/2020	Paydown		9,472	9,472	9,225	9,248		224		224		9,472				63	09/15/2033	1
36290Y-U3-0	GN 621702 4.500% 10/15/33		03/01/2020	Paydown		16,469	16,469	16,040	16,077		392		392		16,469				77	10/15/2033	1
36296A-E2-6	GN 685153 6.050% 11/15/49		01/01/2020	Paydown		13,836,643	13,836,643	13,720,555	13,732,039		104,605		104,605		13,836,643				69,760	11/15/2049	1
36296A-E4-2	GN 685155 6.350% 11/15/49		03/01/2020	Paydown		18,943	18,943	19,084	19,060		(117)		(117)		18,943				201	11/15/2049	1
36296K-DL-3	GN 693207 6.400% 01/15/37		03/01/2020	Paydown		5,168,239	5,168,239	5,168,239	5,168,239						5,168,239				55,231	01/15/2037	1
367333-AD-3	GATE CAPITAL CAYMAN TWO US GOVT GUARANT 2.637% 12/02/21		03/02/2020	Redemption 100.0000		183,688	183,688	183,688	183,688						183,688				1,211	12/02/2021	1
38373A-VC-7	GNR 2009-68 MC PAC-11 5.000% 08/16/39		03/01/2020	Paydown		703,284	703,284	721,086	705,842		(2,558)		(2,558)		703,284				4,907	08/16/2039	1
38373A-WF-9	GNR 2009-68 NP EXCH PAC-1-11 5.000% 08/20/39		03/01/2020	Paydown		379,052	379,052	384,975	379,598		(546)		(546)		379,052				3,044	08/20/2039	1
38373M-MC-1	GNR 2004-78 ZB CSTR DLY Z SEQ 5.564% 09/16/46		03/01/2020	Paydown		57,882	57,882	56,263	57,096		785		785		57,882				538	09/16/2046	1
38373M-NF-3	GNR 2005-10 ZB CSTR DLY Z AFC SEQ 4.995% 12/16/44		03/01/2020	Paydown		10,301	10,301	9,992	9,974		327		327		10,301				86	12/16/2044	1
38373M-PD-6	GNR 2005-14 E CSTR AFC SEQ 5.212% 12/16/46		03/01/2020	Paydown		5,677	5,677	5,677	5,677						5,677				49	12/16/2046	1
38373M-PQ-7	GNR 2005-32 F CSTR SEQ 5.358% 04/16/47		03/01/2020	Paydown		52,115	52,115	52,115	52,115						52,115				466	04/16/2047	1

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STATEMENT AS OF MARCH 31, 2020 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 Ident-ification	Description	For-ign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consid-eration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization)/ Accretion	Current Year's Other Than Temporary Impairment Recogn-ized	Total Change in Book/ Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Con-tractual Maturity Date	NAIC Desig-nation and Admini-strative Symbol
38373M-QF-0	GNR 2005-34 ZB CSTR DLY Z SEQ 5.096%		03/01/2020	Paydown		23,033	23,033	22,335	22,792		242		242		23,033			196	05/16/2046	1	
38373M-UD-0	GNR 2006-19 Z CSTR Z SEQ 3.806% 12/16/47		03/01/2020	Paydown		543,281	543,281	398,359	471,122		72,159		72,159		543,281			5,075	12/16/2047	1	
38373M-UU-2	GNR 2006-31 Z Z AFC SEQ 5.219% 12/16/45		03/01/2020	Paydown		61,085	61,085	53,755	58,714		2,371		2,371		61,085			532	12/16/2045	1	
38373M-VA-5	GNR 2006-32 Z CSTR DLY Z SEQ 5.556%		03/01/2020	Paydown		63,001	63,001	60,726	61,163		1,838		1,838		63,001			584	11/16/2045	1	
38373M-VK-3	GNR 2006-30 Z CSTR DLY Z SEQ 3.400%		03/01/2020	Paydown		40,787	40,787	26,397	34,430		6,358		6,358		40,787			232	05/16/2046	1	
38373M-VR-8	GNR 2006-46 Z CSTR DLY Z 5.059% 04/16/46		03/01/2020	Paydown		118,756	118,756	109,727	115,375		3,381		3,381		118,756			1,003	04/16/2046	1	
38373M-WE-6	GNR 2006-51 Z DLY Z AFC SEQ 4.642% 08/16/46		03/01/2020	Paydown		986,597	986,597	864,346	909,701		76,897		76,897		986,597			4,149	08/16/2046	1	
38373M-WL-0	GNR 2006-66 Z Z AFC SEQ 5.000% 02/16/48		03/01/2020	Paydown		1,460,486	1,460,486	1,341,661	1,412,242		48,243		48,243		1,460,486			9,109	02/16/2048	1	
38373Q-FJ-5	GNR 2003-31 YG PAC-11 5.500% 04/16/33		03/01/2020	Paydown		367,280	367,280	365,729	365,778		1,502		1,502		367,280			3,225	04/16/2033	1	
38373Q-GA-3	GNR 2003-34 PZ Z PAC-11 5.500% 04/16/33		03/01/2020	Paydown		550,935	550,935	557,133	550,935						550,935			5,138	04/16/2033	1	
38373Q-LE-9	GNR 2003-39 GH PAC-11 5.500% 05/16/33		03/01/2020	Paydown		160,249	160,249	160,174	160,139		110		110		160,249			1,563	05/16/2033	1	
38373Q-RA-5	GNR 2003-52 PM PAC-1-11 5.000% 06/20/33		03/01/2020	Paydown		303,485	303,485	310,408	305,227		(1,742)		(1,742)		303,485			2,485	06/20/2033	1	
38373Q-X4-8	GNR 2003-51 KE PAC-11 5.000% 06/20/33		03/01/2020	Paydown		647,104	647,104	651,713	647,104		(64)		(64)		647,104			5,295	06/20/2033	1	
38373Q-XD-8	GNR 2003-40 LD PAC-11 5.500% 05/16/33		03/01/2020	Paydown		287,181	287,181	297,412	288,814		(1,632)		(1,632)		287,181			2,774	05/16/2033	1	
38373R-KW-8	GNR 2001-30 Z Z SEQ 7.000% 06/20/31		03/01/2020	Paydown		26,900	26,900	25,177	26,520		381		381		26,900			401	06/20/2031	1	
38373S-3E-5	GNR 2003-26 PC PAC-11 5.500% 04/16/33		03/01/2020	Paydown		723,408	723,408	733,807	725,634		(2,226)		(2,226)		723,408			6,961	04/16/2033	1	
38373S-4E-4	GNR 2003-19 CE EXCH PAC-11 5.500% 03/16/33		03/01/2020	Paydown		548,622	548,622	551,451	548,522		100		100		548,622			5,068	03/16/2033	1	
38373S-BP-1	GNR 2003-10 PZ Z PAC-1-11 5.500% 02/20/33		03/01/2020	Paydown		286,333	286,333	292,015	287,320		(988)		(988)		286,333			2,619	02/20/2033	1	
38373S-D3-8	GNR 2003-27 ZD Z SEQ 4.500% 03/20/33		03/01/2020	Paydown		30,869	30,869	26,952	29,470		1,399		1,399		30,869			232	03/20/2033	1	
38373S-M6-1	GNR 2003-18 PG EXCH PAC-1-11 5.500%		03/01/2020	Paydown		417,568	417,568	413,131	415,623		1,945		1,945		417,568			3,600	03/20/2033	1	
38373S-U3-9	GNR 2003-33 NE EXCH PAC-11 5.500% 04/16/33		03/01/2020	Paydown		791,971	791,971	788,423	788,544		3,427		3,427		791,971			6,266	04/16/2033	1	
38373Y-E9-5	GNR 2002-29 BG PAC-11 6.500% 05/16/32		01/01/2020	Paydown		5,227,311	5,227,311	5,179,867	5,182,799		44,512		44,512		5,227,311			28,315	05/16/2032	1	
38373Y-RT-7	GNR 2002-23 PE PAC-11 6.500% 04/16/32		01/01/2020	Paydown		2,609,040	2,609,040	2,578,708	2,580,816		28,224		28,224		2,609,040			14,132	04/16/2032	1	
38373Y-BH-8	GNR 2002-39 ZW Z SEQ 6.000% 06/20/32		03/01/2020	Paydown		108,578	108,578	107,696	108,578		569		569		108,578			1,272	06/20/2032	1	
38373Y-J5-4	GNR 2003-4 TD EXCH PAC-1-11 5.500% 01/16/33		03/01/2020	Paydown		1,135,963	1,135,963	1,139,568	1,135,963						1,135,963			10,508	01/16/2033	1	
38373Y-JK-1	GNR 2002-89 C SEQ 5.500% 12/20/32		03/01/2020	Paydown		199,925	199,925	196,042	196,306		3,619		3,619		199,925			1,835	12/20/2032	1	
38373Y-LT-9	GNR 2002-92 TB EXCH PAC-1-11 5.500%		03/01/2020	Paydown		232,825	232,825	231,111	231,203		1,622		1,622		232,825			2,375	12/16/2032	1	
38373Y-LK-8	GNR 2003-5 Z CSTR Z 6.297% 11/16/42		03/01/2020	Paydown		4,628	4,628	4,713	4,655		(27)		(27)		4,628			49	11/16/2042	1	
38373Y-W4-2	GNR 2003-1 PG PAC-11 5.500% 01/16/33		03/01/2020	Paydown		641,326	641,326	633,009	638,270		3,057		3,057		641,326			6,075	01/16/2033	1	
38373Y-XP-4	GNR 2003-6 PG PAC-11 5.500% 01/20/33		03/01/2020	Paydown		132,687	132,687	131,920	132,087		600		600		132,687			1,233	01/20/2033	1	
38373Y-XS-8	GNR 2003-6 AH PAC-11 5.500% 01/16/33		03/01/2020	Paydown		413,550	413,550	416,134	413,571		(21)		(21)		413,550			3,574	01/16/2033	1	
38374B-2Z-5	GNR 2003-68 PH PAC-1-11 5.500% 06/16/33		03/01/2020	Paydown		146,322	146,322	147,465	146,322						146,322			1,327	06/16/2033	1	
38374B-3D-3	GNR 2003-68 MH PAC-11 5.500% 07/16/33		03/01/2020	Paydown		67,347	67,347	67,621	67,347						67,347			622	07/16/2033	1	
38374B-BB-8	GNR 2003-55 PL EXCH PAC-11 5.000% 06/20/33		03/01/2020	Paydown		632,613	632,613	641,171	633,184		(571)		(571)		632,613			5,172	06/20/2033	1	
38374B-UB-7	GNR 2003-66 EJ PAC-11 5.000% 08/20/33		03/01/2020	Paydown		540,412	540,412	504,609	530,284		10,128		10,128		540,412			4,207	08/20/2033	1	
38374C-3L-3	GNR 2003-85 ZA Z SEQ 4.500% 10/20/33		03/01/2020	Paydown		643,895	643,895	650,535	646,675		(2,780)		(2,780)		643,895			4,526	10/20/2033	1	
38374C-AL-5	GNR 2003-75 EZ Z SEQ 5.500% 09/20/33		03/01/2020	Paydown		314,337	314,337	255,890	302,890		11,447		11,447		314,337			2,728	09/20/2033	1	
38374C-N5-6	GNR 2003-86 PG EXCH PAC-11 5.000% 10/20/33		03/01/2020	Paydown		1,081,921	1,081,921	992,324	1,056,607		25,314		25,314		1,081,921			9,017	10/20/2033	1	
38374C-N7-2	GNR 2003-86 QG EXCH PAC-11 5.500% 10/20/33		03/01/2020	Paydown		455,927	455,927	442,249	451,417		4,509		4,509		455,927			4,213	10/20/2033	1	
38374C-NL-1	GNR 2003-76 TG EXCH PAC-1-11 5.500%		03/01/2020	Paydown		642,187	642,187	647,003	641,869		318		318		642,187			5,701	09/20/2033	1	
38374C-S9-3	GNR 2003-86 ND EXCH PAC-11 5.500% 10/20/33		03/01/2020	Paydown		391,162	391,162	385,105	385,444		5,718		5,718		391,162			3,323	10/20/2033	1	
38374C-TB-7	GNR 2003-83 BD PAC-11 5.500% 09/16/33		03/01/2020	Paydown		424,732	424,732	413,450	421,642		3,090		3,090		424,732			3,746	09/16/2033	1	
38374C-UX-7	GNR 2003-91 XC PAC-11 5.000% 10/20/33		03/01/2020	Paydown		548,815	548,815	506,281	536,372		12,442		12,442		548,815			4,674	10/20/2033	1	
38374C-VX-6	GNR 2003-89 PC PAC-11 5.500% 10/20/33		03/01/2020	Paydown		713,672	713,672	702,437	703,072		10,601		10,601		713,672			6,453	10/20/2033	1	

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STATEMENT AS OF MARCH 31, 2020 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
38374D-R4-3	GNR 2008-30 PX PAC-11 6.000% 04/20/38		03/01/2020	Paydown		482,850	482,850	503,673	486,423		(3,573)		(3,573)		482,850				4,472	04/20/2038	1
38374D-V2-2	GNR 2008-30 PE EXCH PAC-1-11 5.500% 04/20/38		03/01/2020	Paydown		91,015	91,015	93,390	91,548		(533)		(533)		91,015				782	04/20/2038	1
38374E-BV-8	GNR 2003-95 PY EXCH PAC-11 5.500% 11/20/33		03/01/2020	Paydown		680,639	680,639	682,127	680,639						680,639				6,121	11/20/2033	1
38374E-G9-2	GNR 2003-113 ZA Z SEQ 4.500% 12/16/33		03/01/2020	Paydown		733,001	733,001	738,499	735,359		(2,358)		(2,358)		733,001				5,382	12/16/2033	1
38374E-HF-7	GNR 2003-106 Z Z SEQ 5.500% 11/20/33		03/01/2020	Paydown		1,104,025	1,104,025	991,983	1,074,196		29,829		29,829		1,104,025				9,428	11/20/2033	1
38374E-JS-7	GNR 2003-105 PH EXCH PAC-11 5.500% 11/20/33		03/01/2020	Paydown		427,570	427,570	424,330	424,473						427,570				3,693	11/20/2033	1
38374E-KP-1	GNR 2003-100 Z Z SEQ 5.500% 11/20/33		03/01/2020	Paydown		764,440	764,440	701,373	748,876		15,564		15,564		764,440				6,723	11/20/2033	1
38374E-LR-6	GNR 2003-107 MD EXCH PAC-1-11 5.500% 11/16/33		03/01/2020	Paydown		331,938	331,938	328,731	328,899		3,039		3,039		331,938				2,918	11/16/2033	1
38374E-LZ-8	GNR 2003-99 PC PAC-11 5.500% 11/20/33		03/01/2020	Paydown		588,104	588,104	580,776	581,178		6,927		6,927		588,104				5,061	11/20/2033	1
38374E-VB-0	GNR 2003-98 PG EXCH PAC-11 5.000% 11/20/33		03/01/2020	Paydown		1,708,872	1,708,872	1,567,890	1,670,559		38,313		38,313		1,708,872				14,302	11/20/2033	1
38374F-2V-5	GNR 2004-25 E AFC SEQ 5.166% 03/16/46		03/01/2020	Paydown		45,215	45,215	45,215	45,215						45,215				390	03/16/2046	1
38374F-3P-7	GNR 2004-26 GE PAC-11 5.000% 04/16/34		03/01/2020	Paydown		786,355	786,355	738,602	772,506		13,849		13,849		786,355				6,551	04/16/2034	1
38374F-SA-3	GNR 2004-11 QG EXCH PAC-11 5.000% 02/16/34		03/01/2020	Paydown		315,572	315,572	321,785	316,800		(1,228)		(1,228)		315,572				2,523	02/16/2034	1
38374F-SR-6	GNR 2004-19 PG PAC-11 5.000% 03/20/34		03/01/2020	Paydown		459,829	459,829	452,883	453,286		6,544		6,544		459,829				4,085	03/20/2034	1
38374G-KE-1	GNR 2004-29 Z Z SEQ 5.000% 04/16/34		03/01/2020	Paydown		472,206	472,206	469,254	470,565		1,640		1,640		472,206				3,772	04/16/2034	1
38374G-PG-1	GNR 2004-35 PM PAC-11 5.500% 05/20/34		03/01/2020	Paydown		364,360	364,360	359,464	362,317		2,043		2,043		364,360				3,275	05/20/2034	1
38374H-3Y-4	GNR 2004-73 PH EXCH PAC-11 5.500% 09/20/34		03/01/2020	Paydown		58,930	58,930	59,464	58,992		(63)		(63)		58,930				515	09/20/2034	1
38374H-5S-5	GNR 2004-69 EY SEQ 5.500% 09/16/34		03/01/2020	Paydown		414,532	414,532	402,614	410,929		3,603		3,603		414,532				3,603	09/16/2034	1
38374H-JB-4	GNR 2004-72 PN PAC-11 5.500% 09/20/34		03/01/2020	Paydown		212,286	212,286	214,143	212,323		(38)		(38)		212,286				1,984	09/20/2034	1
38374H-YM-6	GNR 2004-59 PE PAC-1-11 5.500% 08/20/34		03/01/2020	Paydown		336,550	336,550	334,252	334,347		2,203		2,203		336,550				3,310	08/20/2034	1
38374J-EE-2	GNR 2004-76 NE EXCH PAC-11 5.500% 09/20/34		03/01/2020	Paydown		397,524	397,524	394,294	395,824		1,699		1,699		397,524				3,520	09/20/2034	1
38374J-GH-3	GNR 2004-80 PE SC PAC-11 5.000% 07/20/34		03/01/2020	Paydown		1,293,995	1,293,995	1,207,851	1,275,210		18,785		18,785		1,293,995				11,064	07/20/2034	1
38374J-HY-5	GNR 2004-80 WH EXCH SEQ 5.000% 10/20/34		03/01/2020	Paydown		183,414	183,414	178,711	178,958		4,455		4,455		183,414				1,566	10/20/2034	1
38374J-P3-4	GNR 2004-98 GE PAC-11 5.500% 11/20/34		03/01/2020	Paydown		425,042	425,042	424,311	424,262		780		780		425,042				3,920	11/20/2034	1
38374J-PV-2	GNR 2004-88 PD EXCH PAC-11 5.500% 10/20/34		03/01/2020	Paydown		217,757	217,757	217,349	217,310		447		447		217,757				2,054	10/20/2034	1
38374K-3N-1	GNR 2005-30 PH EXCH PAC-11 5.500% 04/16/35		03/01/2020	Paydown		299,416	299,416	304,095	300,135		(719)		(719)		299,416				2,932	04/16/2035	1
38374K-K9-3	GNR 2005-21 Z Z SEQ 5.000% 03/20/35		03/01/2020	Paydown		1,001,765	1,001,765	987,991	995,249		6,516		6,516		1,001,765				8,233	03/20/2035	1
38374K-RH-8	GNR 2005-3 ZC Z SEQ 5.000% 01/20/35		03/01/2020	Paydown		469,585	469,585	434,257	459,903		9,682		9,682		469,585				3,869	01/20/2035	1
38374L-EA-5	GNR 2005-36 QB EXCH PAC-11 5.500% 05/20/35		03/01/2020	Paydown		254,216	254,216	257,820	254,801		(585)		(585)		254,216				2,387	05/20/2035	1
38374L-RC-7	GNR 2005-47 PC EXCH PAC-11 5.000% 06/20/35		03/01/2020	Paydown		456,995	456,995	455,853	455,847		1,148		1,148		456,995				3,645	06/20/2035	1
38374L-W3-1	GNR 2005-69 YG PAC-11 5.500% 09/20/35		03/01/2020	Paydown		175,398	175,398	175,981	175,398						175,398				1,601	09/20/2035	1
38374M-AE-9	GNR 2005-79 E CSTR DLY SEQ 4.522% 12/16/47		03/01/2020	Paydown		63,828	63,828	63,828	63,828						63,828				482	12/16/2047	1
38374M-B2-4	GNR 2006-13 Z SC Z SEQ 5.000% 09/20/35		03/01/2020	Paydown		1,170,697	1,170,697	1,149,777	1,161,823		8,874		8,874		1,170,697				9,562	09/20/2035	1
38374M-EH-8	GNR 2005-76 D DLY AFC SEQ 4.199% 09/16/45		03/01/2020	Paydown		159,921	159,921	149,777	159,921		10,145		10,145		159,921				1,121	09/16/2045	1
38374N-BA-8	GNR 2006-67 D DLY AFC SEQ 5.179% 04/16/40		03/01/2020	Paydown		301,054	301,054	300,508	300,491		564		564		301,054				2,598	04/16/2040	1
38374T-CG-7	GNR 2009-9 PN PAC-1-11 4.500% 02/16/39		03/01/2020	Paydown		134,045	134,045	133,524	133,524		521		521		134,045				901	02/16/2039	1
38374T-EA-8	GNR 2009-8 LE PAC-11 5.500% 02/20/39		03/01/2020	Paydown		641,645	641,645	662,499	648,845		(7,199)		(7,199)		641,645				5,877	02/20/2039	1
38374T-JY-1	GNR 2009-11 PB EXCH PAC-1-11 5.000% 02/20/39		03/01/2020	Paydown		237,449	237,449	242,160	237,896		(448)		(448)		237,449				2,123	02/20/2039	1
38374T-RD-8	GNR 2009-22 X SEQ 4.500% 04/16/39		03/01/2020	Paydown		1,589,756	1,589,756	1,613,975	1,600,436		(10,681)		(10,681)		1,589,756				12,248	04/16/2039	1
38374T-RQ-9	GNR 2009-22 CX SEQ 4.500% 04/16/39		03/01/2020	Paydown		2,069,540	2,069,540	2,043,671	2,058,986		10,554		10,554		2,069,540				13,411	04/16/2039	1
38374U-NF-4	GNR 2009-29 CB SEQ 4.500% 05/20/39		03/01/2020	Paydown		1,125,283	1,125,283	1,118,601	1,120,161		5,121		5,121		1,125,283				8,598	05/20/2039	1
38374U-PF-2	GNR 2009-29 NB PAC-1-11 4.500% 05/16/39		03/01/2020	Paydown		191,837	191,837	189,708	190,526		1,311		1,311		191,837				1,595	05/16/2039	1
38374U-S9-3	GNR 2009-46 PJ EXCH PAC-1-11 4.500% 06/20/39		03/01/2020	Paydown		640,071	640,071	635,270	635,410		4,660		4,660		640,071				4,900	06/20/2039	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 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
38374V-AY-5	GNR 2009-40 WC PAC-1-11 4.500% 06/20/39		03/01/2020	Paydown		903,991	903,991	874,399	893,812		10,179		10,179		903,991			6,922	06/20/2039	1	
38374V-BK-4	GNR 2009-40 AB PAC-1-11 4.500% 03/20/39		03/01/2020	Paydown		1,084,214	1,084,214	1,103,865	1,098,247		(4,033)		(4,033)		1,084,214			8,304	03/20/2039	1	
38374V-H9-3	GNR 2009-59 PZ Z PAC-1-11 5.000% 07/20/39		03/01/2020	Paydown		824,888	824,888	814,118	820,076		4,812		4,812		824,888			7,198	07/20/2039	1	
38374V-PA-1	GNR 2009-55 PX PAC-1-11 5.000% 07/20/39		03/01/2020	Paydown		892,754	892,754	898,613	892,346		408		408		892,754			7,733	07/20/2039	1	
	GNR 2009-12 EL EXCH PAC-11 4.500% 03/20/39																				
38374X-PE-9			03/01/2020	Paydown		908,422	908,422	914,100	908,526		(104)		(104)		908,422			6,853	03/20/2039	1	
38374X-VF-9	GNR 2009-23 DN EXCH SEQ 4.500% 04/16/39		03/01/2020	Paydown		1,515,462	1,515,462	1,505,043	1,507,137		8,324		8,324		1,515,462			11,849	04/16/2039	1	
38374X-WK-7	GNR 2009-24 B SEQ 4.500% 04/20/39		03/01/2020	Paydown		990,554	990,554	998,293	991,824		(1,270)		(1,270)		990,554			7,169	04/20/2039	1	
38374X-WM-3	GNR 2009-24 BC SEQ 4.500% 04/16/39		03/01/2020	Paydown		1,309,645	1,309,645	1,306,275	1,306,649		2,997		2,997		1,309,645			9,097	04/16/2039	1	
38374Y-F4-0	GNR 2010-87 MD AD PAC-11 4.500% 07/20/40		03/01/2020	Paydown		330,967	330,967	344,826	335,770		(4,803)		(4,803)		330,967			2,447	07/20/2040	1	
38374Y-F9-9	GNR 2010-87 YB SEQ 4.500% 07/20/40		03/01/2020	Paydown		1,900,386	1,900,386	1,944,332	1,913,811		(13,425)		(13,425)		1,900,386			13,821	07/20/2040	1	
	GNR 2010-85 PE EXCH PAC-1-11 4.500%																				
38374Y-US-0	07/20/40		03/01/2020	Paydown		1,262,979	1,262,979	1,302,447	1,271,663		(8,684)		(8,684)		1,262,979			9,265	07/20/2040	1	
	GNR 2010-85 ME EXCH PAC-1-11 4.500%																				
38374Y-VE-0	07/20/40		03/01/2020	Paydown		1,412,070	1,412,070	1,460,389	1,421,921		(9,851)		(9,851)		1,412,070			10,181	07/20/2040	1	
38374Y-XT-5	GNR 2010-94 PU PAC-1-11 4.500% 07/20/40		03/01/2020	Paydown		2,504,236	2,504,236	2,588,559	2,526,192		(21,955)		(21,955)		2,504,236			17,748	07/20/2040	1	
38375D-DG-0	GNR 2008-60 BY SEQ 5.000% 07/16/23		03/01/2020	Paydown		347,098	347,098	355,342	348,139		(1,041)		(1,041)		347,098			3,185	07/16/2023	1	
38375D-E9-5	GNR 2008-94 YP AD PAC-11 5.000% 10/20/38		03/01/2020	Paydown		195,974	195,974	195,484	195,472		502		502		195,974			1,549	10/20/2038	1	
	GNR 2008-61 NB EXCH PAC-1-11 5.000%																				
38375D-KB-3	07/20/38		03/01/2020	Paydown		232,303	232,303	239,708	233,854		(1,551)		(1,551)		232,303			2,216	07/20/2038	1	
38375J-CK-9	GNR 2006-68 Z Z AFC SEQ 5.454% 05/16/46		03/01/2020	Paydown		490,716	490,716	471,126	475,739		12,757		12,757		490,716			4,586	05/16/2046	1	
38375J-KY-0	GNR 2007-4 D CSTR SEQ 5.270% 08/16/40		03/01/2020	Paydown		103,845	103,845	102,781	103,562		283		283		103,845			913	08/16/2040	1	
	GNR 2007-31 CK EXCH PAC-11 5.000% 05/16/37																				
38375J-RA-9			03/01/2020	Paydown		132,986	132,986	137,152	134,659		(1,673)		(1,673)		132,986			1,103	05/16/2037	1	
	GNR 2008-9 PD EXCH PAC-1-11 4.250% 12/20/37																				
38375P-MQ-1			03/01/2020	Paydown		38,766	38,766	38,402	38,527		238		238		38,766			253	12/20/2037	1	
	GNR 2008-50 NB EXCH PAC-1-11 5.000%																				
38375Q-YH-6	06/16/38		03/01/2020	Paydown		337,176	337,176	349,991	338,752		(1,576)		(1,576)		337,176			2,923	06/16/2038	1	
38375X-LQ-5	GNR 2008-71 PC PAC-1-11 6.000% 08/20/38		03/01/2020	Paydown		381,352	381,352	398,453	385,009		(3,657)		(3,657)		381,352			3,858	08/20/2038	1	
	GNR 2008-88 GW EXCH PAC-1-11 5.000%																				
38375Y-JZ-9	10/20/38		03/01/2020	Paydown		146,716	146,716	145,982	146,024		692		692		146,716			1,181	10/20/2038	1	
	GNR 2008-79 DA EXCH PAC-1-11 5.000%																				
38375Y-NW-0	09/20/38		03/01/2020	Paydown		155,618	155,618	154,840	154,857		761		761		155,618			1,322	09/20/2038	1	
38375Y-TC-6	GNR 2008-79 GM EXCH SC PT 5.000% 08/20/38		03/01/2020	Paydown		551,126	551,126	568,349	551,992		(866)		(866)		551,126			4,683	08/20/2038	1	
38376C-3B-3	GNR 2009-89 ZA SC Z SEQ 5.000% 08/20/39		03/01/2020	Paydown		316,007	316,007	344,981	324,656		(8,649)		(8,649)		316,007			2,536	08/20/2039	1	
	GNR 2009-89 PV EXCH PAC-1-11 5.000%																				
38376C-3H-0	10/20/39		03/01/2020	Paydown		776,427	776,427	788,074	777,990		(1,562)		(1,562)		776,427			6,433	10/20/2039	1	
38376C-N5-4	GNR 2009-92 BP PAC-1-11 5.000% 06/20/39		03/01/2020	Paydown		1,189,349	1,189,349	1,226,702	1,199,445		(10,097)		(10,097)		1,189,349			10,010	06/20/2039	1	
38376C-SP-5	GNR 2009-77 PH PAC-1-11 5.000% 09/20/39		03/01/2020	Paydown		641,179	641,179	644,986	640,941		237		237		641,179			5,136	09/20/2039	1	
	GNR 2009-79 ME EXCH PAC-1-11 5.000%																				
38376C-XM-6	09/20/39		03/01/2020	Paydown		342,361	342,361	346,159	342,825		(464)		(464)		342,361			2,838	09/20/2039	1	
	GNR 2009-61 PE EXCH PAC-1-11 5.000%																				
38376F-GE-6	08/16/39		03/01/2020	Paydown		899,055	899,055	905,096	899,335		(279)		(279)		899,055			7,623	08/16/2039	1	
38376F-JZ-6	GNR 2009-66 CW PAC-1-11 5.000% 08/20/39		03/01/2020	Paydown		1,483,329	1,483,329	1,467,569	1,476,527		6,802		6,802		1,483,329			11,877	08/20/2039	1	
38376J-2X-1	GNR 2009-123 WQ SC PT 5.000% 09/20/39		03/01/2020	Paydown		375,727	375,727	378,897	375,111		(384)		(384)		375,727			3,055	09/20/2039	1	
38376J-YD-0	GNR 2009-103 DY EXCH SEQ 4.500% 11/20/39		03/01/2020	Paydown		389,385	389,385	385,492	387,482		1,903		1,903		389,385			2,742	11/20/2039	1	
	GNR 2009-93 LX EXCH PAC-11 5.000% 10/20/39																				
38376K-EY-3			03/01/2020	Paydown		539,446	539,446	552,784	541,587		(2,141)		(2,141)		539,446			4,518	10/20/2039	1	
	GNR 2009-93 ZB EXCH SC Z AD SEQ 5.500%																				
38376K-FJ-5	10/16/39		03/01/2020	Paydown		615,921	615,921	618,601	615,587		334		334		615,921			5,913	10/16/2039	1	
	GNR 2009-87 CG EXCH PAC-1-11 5.000%																				
38376K-TZ-4	10/20/39		03/01/2020	Paydown		1,186,062	1,186,062	1,208,486	1,190,102		(4,040)		(4,040)		1,186,062			9,928	10/20/2039	1	
38376L-EA-3	GNR 2010-90 AL SEQ 4.500% 07/20/40		03/01/2020	Paydown		1,006,950	1,006,950	1,014,817	1,008,075		(1,125)		(1,125)		1,006,950			7,153	07/20/2040	1	
38376P-NV-9	GNR 2009-118 UZ Z SEQ 4.500% 12/20/39		03/01/2020	Paydown		523,712	523,712	478,015	508,879		14,833		14,833		523,712			3,659	12/20/2039	1	
38376T-DV-1	GNR 2010-2 PZ Z PAC-1 5.000% 01/20/40		03/01/2020	Paydown		1,337,809	1,337,809	1,311,046	1,321,695		10,563		10,563		1,337,809			15,331	01/20/2040	1	
	GNR 2010-2 QN EXCH PAC-1-11 4.500% 01/20/40																				
38376T-GV-8			03																		

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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
38376T-VP-4	GNR 2010-6 PE EXCH PAC-1-11 5.000% 01/16/40		03/01/2020	Paydown		1,521,923	1,521,923	1,534,526	1,522,831		(908)		(908)		1,521,923				11,555	01/16/2040	1
38376T-WZ-1	GNR 2010-1 GZ Z SEQ 4.500% 01/20/40		03/01/2020	Paydown		1,136,038	1,136,038	1,042,270	1,106,295		29,743		29,743		1,136,038				8,015	01/20/2040	1
38376V-3W-5	GNR 2010-19 PB EXCH PAC-1-11 5.000%		03/01/2020	Paydown		1,126,542	1,126,542	1,145,597	1,131,883		(5,340)		(5,340)		1,126,542				9,244	02/20/2040	1
38376V-AC-1	GNR 2010-20 JZ Z SEQ 4.000% 02/20/40		03/01/2020	Paydown		1,201,273	1,201,273	1,172,623	1,190,646		10,627		10,627		1,201,273				7,517	02/20/2040	1
38376V-B7-1	GNR 2010-17 PN EXCH PAC-1-11 4.500%		03/01/2020	Paydown		673,279	673,279	645,507	665,174		8,105		8,105		673,279				4,161	02/16/2040	1
38376V-BP-1	GNR 2010-20 PY PAC-1-11 4.500% 02/16/40		03/01/2020	Paydown		915,117	915,117	880,800	903,944		11,173		11,173		915,117				7,134	02/16/2040	1
38376V-E5-2	GNR 2010-23 BP PAC-1-11 4.500% 02/20/40		03/01/2020	Paydown		278,819	278,819	266,969	275,166		3,653		3,653		278,819				3,137	02/20/2040	1
38376V-FA-0	GNR 2010-20 NW EXCH AD PAC-1-11 5.000%		03/01/2020	Paydown		367,044	367,044	378,285	370,034		(2,989)		(2,989)		367,044				2,629	02/20/2040	1
38376V-P5-0	GNR 2010-23 ZD EXCH Z SEQ 4.500% 02/20/40		03/01/2020	Paydown		645,026	645,026	586,880	625,378		19,648		19,648		645,026				4,941	02/20/2040	1
38376W-3L-7	GNR 2010-34 Z EXCH Z SEQ 4.500% 03/20/40		03/01/2020	Paydown		563,970	563,970	507,849	543,451		20,519		20,519		563,970				4,151	03/20/2040	1
38376W-FT-7	GNR 2010-14 DG EXCH PAC-1-11 4.500%		03/01/2020	Paydown		1,003,204	1,003,204	970,443	991,636		11,568		11,568		1,003,204				7,210	02/20/2040	1
38376W-YB-5	GNR 2010-15 ZH Z SEQ 4.500% 02/20/40		03/01/2020	Paydown		2,227,857	2,227,857	2,069,945	2,174,634		53,223		53,223		2,227,857				16,713	02/20/2040	1
38376X-2R-3	GNR 2010-45 PQ PAC-1-11 5.000% 04/20/40		03/01/2020	Paydown		773,071	773,071	796,987	778,632		(5,561)		(5,561)		773,071				6,492	04/20/2040	1
38376X-6X-6	GNR 2010-45 YG EXCH SEQ 4.500% 04/16/40		03/01/2020	Paydown		677,045	677,045	676,834	676,439		606		606		677,045				5,334	04/16/2040	1
38376X-BP-7	GNR 2010-39 BY SEQ 4.500% 03/20/40		03/01/2020	Paydown		1,557,412	1,557,412	1,474,675	1,528,025		29,388		29,388		1,557,412				11,919	03/20/2040	1
38376X-JS-3	GNR 2010-37 AZ Z SEQ 5.000% 03/20/40		03/01/2020	Paydown		871,971	871,971	848,086	862,761		9,210		9,210		871,971				7,040	03/20/2040	1
38376X-SE-4	GNR 2010-29 PE EXCH PAC-1-11 4.500%		03/01/2020	Paydown		1,203,628	1,203,628	1,150,734	1,187,158		16,470		16,470		1,203,628				8,863	03/20/2040	1
38376X-UL-5	GNR 2010-30 PZ Z PAC-1-11 5.000% 03/20/40		03/01/2020	Paydown		1,187,008	1,187,008	1,161,483	1,177,032		9,976		9,976		1,187,008				9,968	03/20/2040	1
38376X-XJ-7	GNR 2010-30 MJ EXCH PAC-1-11 4.500%		03/01/2020	Paydown		727,221	727,221	732,050	727,463		(242)		(242)		727,221				5,338	03/20/2040	1
38376X-Y9-8	GNR 2010-51 BY EXCH SC SEQ PT 4.500%		03/01/2020	Paydown		233,551	233,551	239,609	235,248		(1,697)		(1,697)		233,551				1,614	04/16/2040	1
38376X-Z4-8	GNR 2010-51 EY EXCH SEQ 4.500% 04/16/40		03/01/2020	Paydown		931,004	931,004	926,640	928,371		2,632		2,632		931,004				6,330	04/16/2040	1
38376X-ZA-4	GNR 2010-30 JB EXCH SEQ 4.500% 03/20/40		03/01/2020	Paydown		437,703	437,703	433,053	435,388		2,316		2,316		437,703				3,021	03/20/2040	1
38376Y-EQ-0	GNR 2010-46 HY EXCH AD PAC-1-11 5.000%		03/01/2020	Paydown		1,513,179	1,513,179	1,532,035	1,516,968		(3,789)		(3,789)		1,513,179				11,612	04/16/2040	1
38376Y-HH-7	GNR 2010-50 WD PAC-11 4.500% 04/20/40		03/01/2020	Paydown		463,969	463,969	510,602	477,344		(13,375)		(13,375)		463,969				3,392	04/20/2040	1
38376Y-S4-4	GNR 2010-47 PE EXCH PAC-1-11 4.500%		03/01/2020	Paydown		2,864,111	2,864,111	2,745,071	2,822,951		41,160		41,160		2,864,111				21,845	04/20/2040	1
38376Y-VW-8	GNR 2010-43 ZI Z PAC-1-11 5.000% 04/20/40		03/01/2020	Paydown		1,433,463	1,433,463	1,387,349	1,417,112		16,351		16,351		1,433,463				12,154	04/20/2040	1
38376Y-YK-1	GNR 2010-43 EB EXCH SEQ 4.500% 04/20/40		03/01/2020	Paydown		1,974,268	1,974,268	1,931,081	1,956,055		18,214		18,214		1,974,268				14,552	04/20/2040	1
38376Y-YL-9	GNR 2010-43 PD EXCH PAC-1-11 4.500%		03/01/2020	Paydown		1,412,670	1,412,670	1,365,875	1,395,151		17,519		17,519		1,412,670				10,706	04/20/2040	1
38377D-EE-2	GNR 2010-99 NJ SC PAC-11 4.000% 07/20/40		03/01/2020	Paydown		21,797	21,797	21,793	21,793		25		25		21,797				218	07/20/2040	1
38377D-HH-2	GNR 2010-99 QL EXCH PAC-1-11 4.000%		03/01/2020	Paydown		1,168,408	1,168,408	1,164,026	1,165,415		2,993		2,993		1,168,408				10,219	08/20/2040	1
38377E-2Y-9	GNR 2010-64 B SEQ 4.500% 05/16/40		03/01/2020	Paydown		142,777	142,777	148,131	144,271		(1,494)		(1,494)		142,777				709	05/16/2040	1
38377E-BE-3	GNR 2010-41 PE PAC-1-11 4.500% 04/20/40		03/01/2020	Paydown		726,097	726,097	691,381	714,719		11,378		11,378		726,097				5,405	04/20/2040	1
38377E-DE-1	GNR 2010-41 LQ EXCH PAC-1-11 5.000%		03/01/2020	Paydown		716,732	716,732	723,563	717,303		(572)		(572)		716,732				6,077	04/20/2040	1
38377E-YG-3	GNR 2010-57 YB PAC-1-11 4.500% 05/20/40		03/01/2020	Paydown		317,168	317,168	309,933	314,103		3,065		3,065		317,168				2,280	05/20/2040	1
38377E-ZM-9	GNR 2010-57 PE PAC-1-11 4.500% 05/20/40		03/01/2020	Paydown		1,638,672	1,638,672	1,604,362	1,624,861		13,811		13,811		1,638,672				11,918	05/20/2040	1
38377F-EE-7	GNR 2010-61 ME EXCH PAC-1-11 4.500%		03/01/2020	Paydown		1,264,711	1,264,711	1,342,175	1,293,060		(28,349)		(28,349)		1,264,711				9,315	05/20/2040	1
38377F-GB-0	GNR 2010-56 EN EXCH SEQ 4.500% 05/20/40		03/01/2020	Paydown		581,452	581,452	566,189	575,694		5,757		5,757		581,452				4,131	05/20/2040	1
38377F-RQ-6	GNR 2010-55 QM PAC-1-11 4.500% 05/20/40		03/01/2020	Paydown		1,387,371	1,387,371	1,352,687	1,374,152		13,219		13,219		1,387,371				10,090	05/20/2040	1
38377F-Y4-7	GNR 2010-73 TZ SC Z SEQ 4.500% 02/20/40		03/01/2020	Paydown		847,759	847,759	896,207	863,854		(16,095)		(16,095)		847,759				6,206	02/20/2040	1
38377F-Y8-8	GNR 2010-73 CZ Z SEQ 4.500% 06/20/40		03/01/2020	Paydown		660,788	660,788	623,010	647,937		12,851		12,851		660,788				4,849	06/20/2040	1
38377G-4F-3	GNR 2010-88 BN SEQ 4.500% 07/20/40		03/01/2020	Paydown		1,059,412	1,059,412	1,071,785	1,062,243		(2,831)		(2,831)		1,059,412				7,931	07/20/2040	1
38377G-KA-6	GNR 2010-70 EG PAC-1-11 4.500% 06/20/40		03/01/2020	Paydown		1,191,997	1,191,997	1,210,249	1,194,885		(2,889)		(2,889)		1,191,997				8,747	06/20/2040	1
38377G-MY-2	GNR 2010-75 NB SEQ 4.500% 06/20/40		03/01/2020	Paydown		1,804,855	1,804,855	1,780,250	1,792,058		12,797		12,797		1,804,855				13,112	06/20/2040	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 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
38377G-N6-2	GNR 2010-76 ME EXCH PAC-1-11 4.500%		06/20/40			1,200,782	1,200,782	1,197,405	1,197,777		3,005		3,005		1,200,782				8,809	06/20/2040	1
38377G-NK-1	GNR 2010-75 Z Z SEQ 4.000% 06/20/40		03/01/2020	Paydown		346,457	346,457	340,618	344,047		2,411		2,411		346,457				2,363	06/20/2040	1
38377G-RZ-4	GNR 2010-68 PE PAC-1-11 4.500% 06/20/40		03/01/2020	Paydown		2,562,411	2,562,411	2,556,406	2,556,378		6,033		6,033		2,562,411				26,270	06/20/2040	1
38377G-SJ-9	GNR 2010-68 LB SEQ 4.500% 06/20/40		03/01/2020	Paydown		589,988	589,988	583,903	587,109		2,879		2,879		589,988				4,417	06/20/2040	1
38377J-AD-2	GNR 2010-113 B SEQ 4.500% 09/20/40		03/01/2020	Paydown		741,289	741,289	733,510	733,112		(31,823)		(31,823)		741,289				5,598	09/20/2040	1
38377J-L3-5	GNR 2010-111 BC SEQ 4.500% 09/16/40		03/01/2020	Paydown		783,425	783,425	789,879	788,446		(5,021)		(5,021)		783,425				5,902	09/16/2040	1
38377J-NZ-2	GNR 2010-98 HE PAC-1-11 4.500% 08/20/40		03/01/2020	Paydown		2,009,112	2,009,112	2,077,547	2,027,749		(18,637)		(18,637)		2,009,112				14,739	08/20/2040	1
38377J-UR-2	GNR 2010-108 PB PAC-11 4.500% 08/20/40		03/01/2020	Paydown		633,019	633,019	620,754	627,971		5,047		5,047		633,019				4,590	08/20/2040	1
38377K-FQ-8	GNR 2010-115 PY PAC-1-11 4.000% 09/20/40		03/01/2020	Paydown		1,885,257	1,885,257	1,906,466	1,888,305		(3,048)		(3,048)		1,885,257				12,132	09/20/2040	1
38377L-2C-1	GNR 2010-134 JD EXCH PAC-11 4.000% 10/20/40		03/01/2020	Paydown		519,675	519,675	470,753	503,635		16,040		16,040		519,675				3,353	10/20/2040	1
38377M-GJ-9	GNR 2010-133 OB SEQ 4.000% 10/16/40		03/01/2020	Paydown		1,661,776	1,661,776	1,663,853	1,661,776						1,661,776				10,227	10/16/2040	1
38377N-ER-1	GNR 2010-152 PN PAC-1-11 4.000% 11/20/40		03/01/2020	Paydown		186,591	186,591	183,501	185,245		1,346		1,346		186,591				1,866	11/20/2040	1
38377N-G2-4	GNR 2010-157 GL PAC-11 4.000% 12/20/40		03/01/2020	Paydown		295,439	295,439	270,788	286,332		9,107		9,107		295,439				2,954	12/20/2040	1
38377N-K3-7	GNR 2010-157 LJ AD PAC-11 4.500% 12/16/40		03/01/2020	Paydown		1,264,716	1,264,716	1,245,745	1,256,522		8,194		8,194		1,264,716				9,071	12/16/2040	1
38377N-NF-7	GNR 2010-145 CY SEQ 4.000% 11/20/40		03/01/2020	Paydown		5,440,135	5,440,135	5,500,162	5,457,933		(17,807)		(17,807)		5,440,135				35,303	11/20/2040	1
38377N-OC-1	GNR 2010-145 PM EXCH PAC-11 4.000% 11/20/40		03/01/2020	Paydown		132,480	132,480	130,741	131,724		756		756		132,480				1,325	11/20/2040	1
38377N-OP-2	GNR 2010-145 BY EXCH SEQ 4.000% 11/20/40		03/01/2020	Paydown		401,861	401,861	400,605	400,884		976		976		401,861				2,608	11/20/2040	1
38377N-RB-2	GNR 2010-171 PC PAC-1-11 4.000% 12/16/40		03/01/2020	Paydown		548,703	548,703	497,863	533,822		14,881		14,881		548,703				3,605	12/16/2040	1
38377N-XT-6	GNR 2010-167 EL EXCH PAC-11 4.000% 12/16/40		03/01/2020	Paydown		3,005,633	3,005,633	2,798,996	2,937,481		68,152		68,152		3,005,633				16,904	12/16/2040	1
38377Q-DD-6	GNR 2011-26 LG EXCH PAC-1-11 4.500%		02/20/41			1,049,870	1,049,870	1,026,412	1,039,326		10,545		10,545		1,049,870				7,688	02/20/2041	1
38377Q-G0-4	GNR 2011-18 MB PAC-1-11 4.500% 02/16/41		03/01/2020	Paydown		1,052,936	1,052,936	996,999	1,033,616		19,321		19,321		1,052,936				8,184	02/16/2041	1
38377Q-NP-8	GNR 2011-18 B EXCH SEQ 4.500% 02/20/41		03/01/2020	Paydown		250,421	250,421	237,822	246,043		4,379		4,379		250,421				1,800	02/20/2041	1
38377Q-P4-3	GNR 2011-37 KC PAC-1-11 4.000% 03/20/41		03/01/2020	Paydown		246,699	246,699	233,400	242,349		4,349		4,349		246,699				2,163	03/20/2041	1
38377Q-SX-6	GNR 2011-25 PE PAC-1-11 4.500% 02/16/41		03/01/2020	Paydown		545,423	545,423	527,185	538,487		6,936		6,936		545,423				3,868	02/16/2041	1
38377Q-TQ-0	GNR 2011-25 CZ Z SEQ 4.500% 02/20/41		03/01/2020	Paydown		422,388	422,388	444,886	429,696		(7,307)		(7,307)		422,388				3,061	02/20/2041	1
38377Q-XC-6	GNR 2011-44 PD EXCH PAC-1-11 4.000%		03/20/41			52,693	52,693	48,732	51,376		1,316		1,316		52,693				527	03/20/2041	1
38377Q-YM-3	GNR 2011-46 ZA Z SEQ 4.500% 03/20/41		03/01/2020	Paydown		1,426,426	1,426,426	1,473,994	1,438,362		(11,936)		(11,936)		1,426,426				10,219	03/20/2041	1
38377R-4E-2	GNR 2010-168 HT EXCH SEQ 4.000% 12/20/40		03/01/2020	Paydown		960,901	960,901	870,667	931,490		29,412		29,412		960,901				6,092	12/20/2040	1
38377R-DD-4	GNR 2010-158 EP PAC-11 4.500% 12/16/40		03/01/2020	Paydown		929,176	929,176	906,528	920,628		8,548		8,548		929,176				6,492	12/16/2040	1
38377R-DW-2	GNR 2010-158 ME PAC-11 4.500% 12/16/40		03/01/2020	Paydown		624,409	624,409	603,530	617,339		7,069		7,069		624,409				5,904	12/16/2040	1
38377R-K4-6	GNR 2010-166 KB EXCH AD PAC-11 4.500%		12/16/40			699,614	699,614	682,233	691,944		7,671		7,671		699,614				5,044	12/16/2040	1
38377R-KN-4	GNR 2010-163 LY SEQ 4.000% 12/20/40		03/01/2020	Paydown		540,798	540,798	488,239	523,283		17,514		17,514		540,798				3,498	12/20/2040	1
38377R-V6-9	GNR 2010-165 PC PAC-1-11 4.000% 12/20/40		03/01/2020	Paydown		958,749	958,749	939,959	950,910		7,839		7,839		958,749				9,588	12/20/2040	1
38377R-VF-9	GNR 2010-166 GB SEQ 4.000% 12/16/40		03/01/2020	Paydown		2,279,786	2,279,786	2,215,205	2,251,425		28,362		28,362		2,279,786				13,855	12/16/2040	1
38377T-A4-3	GNR 2011-19 NX AD PAC-1-11 4.500% 02/20/41		03/01/2020	Paydown		742,194	742,194	716,218	732,146		10,048		10,048		742,194				5,822	02/20/2041	1
38377T-DR-9	GNR 2011-13 KB EXCH PAC-1-11 4.000%		01/20/41			691,110	691,110	625,670	667,821		23,288		23,288		691,110				4,701	01/20/2041	1
38377T-JF-9	GNR 2011-7 VZ Z SEQ 4.500% 01/20/41		03/01/2020	Paydown		686,312	686,312	729,217	700,085		(13,773)		(13,773)		686,312				4,974	01/20/2041	1
38377T-M6-5	GNR 2011-24 PB PAC-1-11 4.000% 02/20/41		03/01/2020	Paydown		1,465,071	1,465,071	1,319,709	1,422,501		42,571		42,571		1,465,071				8,836	02/20/2041	1
38377T-R3-7	GNR 2011-24 PG PAC-1-11 4.000% 02/20/41		03/01/2020	Paydown		699,973	699,973	636,100	679,868		20,105		20,105		699,973				5,782	02/20/2041	1
38377T-S5-1	GNR 2011-24 LZ Z SEQ 4.500% 02/20/41		03/01/2020	Paydown		586,622	586,622	612,962	593,999		(7,377)		(7,377)		586,622				4,392	02/20/2041	1
38377T-XM-8	GNR 2011-17 EN PAC-11 4.500% 02/16/41		03/01/2020	Paydown		381,560	381,560	359,143	373,874		7,686		7,686		381,560				2,868	02/16/2041	1
38377U-2M-9	GNR 2011-63 AY SEQ 4.500% 04/20/41		03/01/2020	Paydown		1,308,566	1,308,566	1,266,855	1,291,730		16,836		16,836		1,308,566				9,697	04/20/2041	1
38377U-D4-7	GNR 2011-50 AY AD PAC-1-11 4.000% 02/20/41		03/01/2020	Paydown		1,564,056	1,564,056	1,546,460	1,557,268		6,788		6,788		1,564,056				10,264	02/20/2041	1
38377U-EQ-7	GNR 2011-35 KJ EXCH PAC-1-11 4.500%		03/16/41			1,020,626	1,020,626	999,256	1,013,100		7,525		7,525		1,020,626				7,504	03/16/2041	1
38377U-N6-1	GNR 2011-62 KB SEQ 4.500% 04/20/41		03/01/2020	Paydown		143,493	143,493	138,829	139,308		4,185		4,185		143,493				2,338	04/20/2041	1
38377U-RL-4	GNR 2011-32 PB PAC-1-11 4.000% 03/16/41		03/01/2020	Paydown		339,415	339,415	321,543	333,483		5,932		5,932		339,415				2,112	03/16/2041	1
38377V-3L-8	GNR 2011-71 WL PAC-1-11 4.000% 05/20/41		03/01/2020	Paydown		561,762	561,762	536,833	552,495		9,267		9,267		561,762				5,111	05/20/2041	1

STATEMENT AS OF MARCH 31, 2020 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
38377V-HB-5	GNR 2011-52 CE EXCH SEQ 4.500% 04/16/41		03/01/2020	Paydown		899,187	899,187	870,244	888,425		10,762		10,762		899,187				6,011	04/16/2041	1
38377V-PX-8	GNR 2011-61 CZ Z SEQ 4.500% 04/20/41		03/01/2020	Paydown		1,538,741	1,538,741	1,471,584	1,512,800		25,942		25,942		1,538,741				11,008	04/20/2041	1
38377V-RH-1	GNR 2011-56 ZL Z SEQ 4.500% 04/16/41		03/01/2020	Paydown		640,417	640,417	582,697	619,348		21,069		21,069		640,417				4,131	04/16/2041	1
38377V-SE-7	GNR 2011-56 BZ Z SEQ 4.500% 04/16/41		03/01/2020	Paydown		1,509,532	1,509,532	1,370,408	1,457,145		52,387		52,387		1,509,532				13,066	04/16/2041	1
38377V-W7-7	GNR 2011-68 CE EXCH SEQ 4.500% 05/16/41		03/01/2020	Paydown		988,028	988,028	975,060	982,869		5,159		5,159		988,028				7,217	05/16/2041	1
38377W-AB-0	GNR 2011-73 PB PAC-11 4.500% 05/16/41		03/01/2020	Paydown		883,997	883,997	887,865	884,287		(289)		(289)		883,997				8,119	05/16/2041	1
38377W-BJ-2	GNR 2011-73 BK PAC-11 4.500% 05/16/41		03/01/2020	Paydown		517,521	517,521	571,861	536,238		(18,717)		(18,717)		517,521				3,806	05/16/2041	1
38377X-JF-0	08/16/41		03/01/2020	Paydown		519,901	519,901	503,004	513,170		6,730		6,730		519,901				3,136	08/16/2041	1
38377Y-CB-4	GNR 2011-128 BJ EXCH PT 2.500% 09/16/26		03/01/2020	Paydown		8,485	8,485	8,728	8,653		(168)		(168)		8,485				36	09/16/2026	1
38377Y-EE-6	GNR 2011-123 LA SC PAC-11 3.500% 05/20/39		03/01/2020	Paydown		1,173	1,173	1,248	1,208		(35)		(35)		1,173				7	05/20/2039	1
38378A-LJ-7	07/20/40		03/01/2020	Paydown		495,763	495,763	527,522	507,115		(11,353)		(11,353)		495,763				3,401	07/20/2040	1
38378C-PL-5	GNR 2012-7 JZ Z SEQ 3.500% 01/20/42		03/01/2020	Paydown		631,128	631,128	614,595	624,098		7,031		7,031		631,128				3,549	01/20/2042	1
38378C-ZW-0	GNR 2012-5 Z Z SEQ 3.500% 01/20/42		03/01/2020	Paydown		3,080,615	3,080,615	3,014,690	3,052,235		28,380		28,380		3,080,615				17,449	01/20/2042	1
38378H-QM-1	GNR 2012-108 KA EXCH AD PAC-11 1.500%		03/01/2020	Paydown		3,069	3,069	3,053	3,054		14		14		3,069				9	08/16/2042	1
38378U-SX-6	GNR 2013-160 PY EXCH SC PT 5.000% 05/20/40		03/01/2020	Paydown		742,224	742,224	802,994	773,416		(31,192)		(31,192)		742,224				6,185	05/20/2040	1
3837H0-G5-6	GNR 1997-4 ZA Z 7.500% 03/16/27		03/01/2020	Paydown		21,226	21,226	19,183	20,906		320		320		21,226				259	03/16/2027	1
3837H2-VS-5	GNR 1989-27 Z Z SEQ 7.000% 08/20/29		03/01/2020	Paydown		38,617	38,617	35,266	37,929		689		689		38,617				445	08/20/2029	1
3837H4-Z7-3	GNR 2000-31 PD PAC-11 7.500% 10/20/30		01/01/2020	Paydown		578,099	578,099	585,235	578,099						578,099				3,613	10/20/2030	1
38381A-AJ-5	GNR 2018-128 SA SC 10 INV NTL PT 5.477%		03/20/2020	Paydown				289,186	254,029		(254,029)		(254,029)						14,422	03/20/2041	1
455780-AE-6	AID-INDONESIA US GOVT GUARANT 7.210%		07/01/23	Redemption	100.0000	717,011	717,011	706,171	715,329		1,682		1,682		717,011				25,848	07/01/2023	1
49549C-AA-6	KING INTL LEASING LLC US GOVT GUARANT		01/15/2020	Redemption	100.0000	56,281	56,281	56,281	56,281						56,281				388	10/15/2022	1
690353-XM-4	OVERSEAS PRIVATE INV COR US GOVT GUARANT		03/15/2020	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		03/15/2020	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		01/10/2020	Redemption	100.0000	(4,766)	(4,766)	(4,766)	(4,766)						(4,766)				(254)	12/20/2032	1
746388-AA-5	PURPLE CHEN 2011 LLC US GOVT GUARANT 2.735%		08/01/23	Redemption	100.0000	111,946	111,946	111,946	111,946						111,946				765	08/01/2023	1
797224-AA-0	SAN CLEMENTE LEASING LLC US GOVT GUARANT		02/27/2020	Redemption	100.0000	78,295	78,295	78,295	78,295						78,295				702	08/27/2021	1
797224-AB-8	SAN CLEMENTE LEASING LLC US GOVT GUARANT		03/07/2020	Redemption	100.0000	192,324	192,324	192,324	192,324						192,324				1,611	06/07/2022	1
797224-AC-6	SAN CLEMENTE LEASING LLC US GOVT GUARANT		02/22/2020	Redemption	100.0000	92,616	92,616	92,616	92,616						92,616				351	11/22/2022	1
805649-AA-8	SAYARRA LTD US GOVT GUARANT 2.774% 10/29/21		01/29/2020	Redemption	100.0000	127,504	127,504	127,504	127,504						127,504				884	10/29/2021	1
876780-AA-5	TAYARRA LTD US GOVT GUARANT 3.628% 02/15/22		02/15/2020	Redemption	100.0000	120,877	120,877	120,877	120,877						120,877				1,096	02/15/2022	1
89609G-AA-0	TRICAHUE LEASING LLC US GOVT GUARANT 3.503%		11/19/21	Redemption	100.0000	118,975	118,975	118,975	118,975						118,975				1,042	11/19/2021	1
89609G-AB-8	TRICAHUE LEASING LLC US GOVT GUARANT 3.744%		02/26/22	Redemption	100.0000	89,458	89,458	89,458	89,458						89,458				837	02/26/2022	1
912810-FJ-2	US TREASURY N/B United States Treasury No 6.12 6.125% 08/15/29		03/24/2020	BMO CAPITAL MARKETS		295,875,000	200,000,000	276,854,551	245,148,785		(916,470)		(916,470)		244,232,325		51,642,675	51,642,675	7,437,500	08/15/2029	1
912810-FP-8	US TREASURY N/B United States Treasury No 5.37 5.375% 02/15/31		03/31/2020	Various		1,090,728,125	745,000,000	915,234,016	852,448,218		(1,846,599)		(1,846,599)		850,601,618		240,126,507	240,126,507	24,343,286	02/15/2031	1
ZZ2660-77-2	FEDERAL HOUSING ADMINISTRATION FHA PROJECT LOAN -CLC/PLC 7.750% 01/25/23		03/01/2020	Paydown		114,925	114,925	114,925	114,925						114,925				1,265	01/25/2023	1
0599999	Subtotal - Bonds - U.S. Governments					1,685,404,531	1,234,219,207	1,478,516,248	1,385,417,614		(1,657,634)		(1,657,634)		1,384,053,150		301,351,381	301,351,381	33,905,327	XXX	XXX

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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-ign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consid-eration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization)/ Accretion	Current Year's Other Than Temporary Impairment Recogn-ized	Total Change in Book/ Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Con-tractual Maturity Date	NAIC Desig-nation and Admini-strative Symbol
11070T-AB-4	BRITISH COLUMBIA PROV OF SR UNSEC 2.000% 10/23/22	A	02/05/2020	THE TORONTO-DOMINION BANK		10,125,220	10,000,000	9,946,900	9,983,975		561		561		9,984,536		140,684	140,684	57,778	10/23/2022	1FE
563469-CN-3	MANITOBA -PROVINCE OF UNSEC 8.800% 01/15/20	A	01/15/2020	Maturity		7,000,000	7,000,000	7,142,948	7,000,500		(500)		(500)		7,000,000				308,000	01/15/2020	1FE
669827-DJ-3	NOVA SCOTIA PROVINCE DEBENTURES 9.250% 03/01/20	A	03/01/2020	Maturity		45,000,000	45,000,000	43,867,768	44,981,846		18,154		18,154		45,000,000				2,081,250	03/01/2020	1FE
68323A-BK-9	ONTARIO -PROVINCE OF SR UNSEC 2.450% 06/29/22	A	02/04/2020	RBC DAIN RAUSCHER INC.		8,370,724	8,200,000	8,168,266	8,191,342		333		333		8,191,676		179,048	179,048	20,648	06/29/2022	1FE
68323A-FC-3	ONTARIO -PROVINCE OF SR UNSEC 3.050% 01/29/24	A	02/05/2020	RBC DAIN RAUSCHER INC.		5,273,100	5,000,000	4,994,950	4,995,827		97		97		4,995,923		277,177	277,177	79,639	01/29/2024	1FE
748149-AG-6	PROVINCE OF QUEBEC UNSEC 2.625% 02/13/23	A	02/04/2020	THE TORONTO-DOMINION BANK		15,482,760	15,000,000	14,938,500	14,979,057		628		628		14,979,686		503,074	503,074	189,219	02/13/2023	1FE
105860-AA-8	STATE OF MINAS GERAIS GOVT LTD. 5.333% 02/15/28	D	02/18/2020	Redemption 100.0000		3,920,000	3,920,000	4,003,107	3,954,822		(34,822)		(34,822)		3,920,000				114,350	02/15/2028	3FE
296464-AA-8	ESKOM HOLDINGS SOC LTD SR UNSEC 5.750% 01/26/21	D	02/06/2020	BARCLAYS BANK PLC		15,187,500	15,000,000	14,890,950	14,985,151		1,473		1,473		14,986,624		200,876	200,876	464,792	01/26/2021	5FE
445545-AD-8	HUNGARY SR UNSEC 6.250% 01/29/20	D	01/29/2020	Maturity		16,675,000	16,675,000	16,785,636	16,676,098		(1,098)		(1,098)		16,675,000				521,094	01/29/2020	2FE
455780-BD-7	REPUBLIC OF INDONESIA SR UNSEC 5.875% 03/13/20	D	03/13/2020	Maturity		5,000,000	5,000,000	4,952,200	4,998,800		1,200		1,200		5,000,000				146,875	03/13/2020	2FE
518417-AC-4	REPUBLIC OF LATVIA SR UNSEC 2.750% 01/12/20	D	01/12/2020	Maturity		22,000,000	22,000,000	21,767,600	21,998,905		1,095		1,095		22,000,000				302,500	01/12/2020	1FE
536878-AD-3	REPUBLIC OF LITHUANIA SR UNSEC 7.375% 02/11/20	D	02/11/2020	Maturity		5,000,000	5,000,000	4,913,650	4,998,659		1,341		1,341		5,000,000				184,375	02/11/2020	1FE
698299-AX-2	REPUBLIC OF PANAMA SR UNSEC 5.200% 01/30/20	D	01/30/2020	Maturity		30,100,000	30,100,000	32,374,904	30,131,680		(31,680)		(31,680)		30,100,000				782,600	01/30/2020	2FE
718286-BK-2	REPUBLIC OF PHILIPPINES SR UNSEC 4.000% 01/15/21	D	01/22/2020	BARCLAYS BANK PLC		10,000,900	9,800,000	9,678,238	9,785,175		877		877		9,786,052		214,848	214,848	205,800	01/15/2021	2FE
74727P-AK-7	STATE OF QATAR SR UNSEC 5.250% 01/20/20	D	01/20/2020	Maturity		17,000,000	17,000,000	16,958,860	16,999,726		274		274		17,000,000				446,250	01/20/2020	1FE
77586R-AF-7	ROMANIA SR UNSEC 5.125% 06/15/48	D	01/22/2020	U.S. BANCORP LIBRA		10,120,710	8,700,000	8,601,429	8,603,652		95		95		8,603,747		1,516,963	1,516,963	48,303	06/15/2048	2FE
836205-AN-4	REPUBLIC OF SOUTH AFRICA SR UNSEC 5.500% 03/09/20	D	03/09/2020	Maturity		23,350,000	23,350,000	23,185,383	23,346,054		3,946		3,946		23,350,000				642,125	03/09/2020	3FE
85227S-AK-2	REPUBLIC OF SRI LANKA SR UNSEC 5.875% 07/25/22	D	02/13/2020	Various		8,852,025	8,750,000	8,784,000	8,760,621		(55)		(55)		8,760,566		91,459	91,459	245,493	07/25/2022	4FE
92670L-AF-6	SOCIALIST REP OF VIETNAM SR UNSEC 6.750% 01/29/20	D	01/29/2020	Maturity		1,000,000	1,000,000	1,114,500	1,001,875		(1,875)		(1,875)		1,000,000				33,750	01/29/2020	3FE
92928B-AA-9	WAHA AEROSPACE BV LOCAL GOVT GUARN 3.925% 07/28/20	D	01/28/2020	Redemption 100.0000		762,825	762,825	763,076	762,847		(22)		(22)		762,825				14,970	07/28/2020	1FE
X74344-DM-5	RUSSIAN FEDERATION SR UNSEC 7.500% 03/31/30	D	03/30/2020	Redemption 100.0000		3,080,000	3,080,000	2,181,946	2,771,324		308,676		308,676		3,080,000				115,500	03/30/2030	2FE
1099999	Subtotal - Bonds - All Other Governments					263,300,764	260,337,825	260,014,811	259,907,936	268,698			268,698		260,176,635		3,124,129	3,124,129	7,005,311	XXX	XXX
167486-FA-2	CHICAGO IL US GOVT SECURITIES 6.050% 01/01/29		01/01/2020	Redemption 100.0000		1,515,000	1,515,000	1,513,167	1,513,854		1,146		1,146		1,515,000				45,829	01/01/2029	2FE
353172-3K-3	FRANKLIN CNTY OH County of Franklin OH 5.93 12/ 5.930% 12/01/35		01/04/2020	Call 0.0000															1,259	12/01/2035	1FE
36860P-AA-5	CITY OF PORTSMOUTH VA PORTSMOUTH VA CITY - GEM PROJE 8.060% 02/06/21		02/06/2020	Redemption 100.0000		282,427	282,427	282,427	282,427						282,427				5,691	02/06/2021	1
64966H-YN-4	NEW YORK NY City of New York NY 6.268 03/0 6.268% 03/01/31		03/26/2020	Call 100.0000		7,570,000	7,570,000	8,710,648	7,597,144		(27,144)		(27,144)		7,570,000				270,194	03/01/2031	1FE
2499999	Subtotal - Bonds - U.S. Political Subdivisions of States, Territories and Possessions					9,367,427	9,367,427	10,506,242	9,393,425	(25,998)			(25,998)		9,367,427				322,973	XXX	XXX
20753K-AB-8	CAS 2019-R02 1M2 EXCH MEZ FLT 3.247% 08/25/31		03/25/2020	Paydown		2,186,083	2,186,083	2,196,079	2,195,084		(9,002)		(9,002)		2,186,083				15,528	08/25/2031	2FM
20753M-AF-5	CAS 2019-R03 1M2 EXCH SUB FLT 3.097% 09/25/31		03/25/2020	Paydown		802,038	802,038	798,985	697,535		3,461		3,461		802,038				6,312	09/25/2031	4FE
31283Y-X5-2	FG W20026 5.300% 11/01/22		03/01/2020	Paydown		100,556	100,556	100,996	100,468		88		88		100,556				890	11/01/2022	1
3128JD-AA-5	FH 138788 7.078% 11/01/31		03/01/2020	Paydown		4,899	4,899	5,017	4,971		(72)		(72)		4,899				58	11/01/2031	1
3128JR-RX-6	FH 847702 4.412% 09/01/36		03/02/2020	Paydown		1,250	1,250	1,259	1,250						1,250				7	09/01/2036	1
3128JR-SP-2	FH 847726 4.730% 03/01/37		03/01/2020	Paydown		4,120	4,120	4,234	4,213		(93)		(93)		4,120				43	03/01/2037	1

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STATEMENT AS OF MARCH 31, 2020 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 Ident-ification	Description	For-ign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consid-eration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization)/ Accretion	Current Year's Other Than Temporary Impairment Recogn-ized	Total Change in Book/ Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Con-tractual Maturity Date	NAIC Desig-nation and Admini-strative Symbol
3128M1-UH-0	FG G12484 4.500% 06/01/21		03/01/2020	Paydown		372	372	366	370				3		372				3	06/01/2021	1
3128G5-KU-5	FH 1N0307 3.913% 09/01/36		03/02/2020	Paydown		52	52	53	52						52					09/01/2036	1
3128QL-RD-5	FH 1H2584 4.798% 02/01/36		03/02/2020	Paydown		217	217	215	215			2			217				2	02/01/2036	1
3128QL-SL-6	FH 1H2623 4.639% 07/01/36		03/01/2020	Paydown		2,746	2,746	2,774	2,746						2,746				26	07/01/2036	1
3128S4-ER-4	FH 100144 3.735% 09/01/36		03/02/2020	Paydown		1,232	1,232	1,246	1,232						1,232				9	09/01/2036	1
312903-6K-8	FHR 175 H PAC 9.500% 08/15/21		03/15/2020	Paydown		74	74	76	74						74				1	08/15/2021	1
312903-8H-3	FHR 179 D SUP 9.300% 07/15/21		03/15/2020	Paydown		219	219	210	217			2			219				3	07/15/2021	1
312903-E7-8	FHR 154 G TAC 9.500% 05/15/21		02/15/2020	Paydown		71	71	69	71			1			71				1	05/15/2021	1
312904-KT-1	FHR 1002 D SEQ 9.000% 10/15/20		03/11/2020	Paydown		(6)	(6)	(5)	(6)						(6)					10/15/2020	1
312904-KW-4	FHR 1001 G Z TAC-11 9.500% 10/15/20		03/01/2020	Paydown		6,809	6,809	6,227	6,773			37			6,809				101	10/15/2020	1
312904-N2-7	FHR 1030 F PAC-11 9.000% 12/15/20		03/01/2020	Paydown		1,786	1,786	1,703	1,777			9			1,786				27	12/15/2020	IFE
312906-4J-6	FHR 1137 L Z PAC-11 7.000% 09/15/21		03/01/2020	Paydown		2,008	2,008	1,267	1,964			44			2,008				23	09/15/2021	1
312906-C3-2	FHR 1116 H PAC-11 9.000% 08/15/21		03/01/2020	Paydown		4,993	4,993	4,791	4,971			22			4,993				71	08/15/2021	1
312906-QS-2	FHR 1117 N PAC-11 8.500% 08/15/21		03/01/2020	Paydown		5,945	5,945	5,518	5,893			53			5,945				81	08/15/2021	1
312906-VW-7	FHR 1122 HD IO PAC-11 933.000% 08/15/21		03/01/2020	Paydown		24	24					24			24				37	08/15/2021	1
312906-ZJ-2	FHR 1124 L IO PAC-11 1108% 08/15/21		03/01/2020	Paydown		1	1					1			1				2	08/15/2021	1
312907-2C-1	FHR 1163 J PAC-11 7.500% 11/15/21		03/01/2020	Paydown		6,623	6,623	6,490	6,570			53			6,623				83	11/15/2021	1
312907-56-9	FHR 1190 I PAC-11 7.000% 01/15/22		03/01/2020	Paydown		4,952	4,952	4,813	4,871			81			4,952				60	01/15/2022	1
312907-AS-7	FHR 1140 N IO PAC-11 1142% 09/15/21		03/01/2020	Paydown		19	19					19			19				35	09/15/2021	1
312907-FU-7	FHR 1142 I PAC 9.000% 10/15/21		03/01/2020	Paydown		7,244	7,244	7,219	7,219			25			7,244				108	10/15/2021	1
312907-FW-3	FHR 1142 IB IO PAC 1022% 10/15/21		03/01/2020	Paydown		69	69					69			69				117	10/15/2021	1
312907-MT-2	FHR 1152 L PAC 7.000% 10/15/21		03/01/2020	Paydown		5,626	5,626	5,458	5,540			86			5,626				65	10/15/2021	1
312907-WC-8	FHR 1156 IZ Z PAC-11 7.000% 11/15/21		03/01/2020	Paydown		8,664	8,664	5,717	8,544			120			8,664				101	11/15/2021	1
312908-DY-9	FHR 1186 I PAC-11 7.000% 12/15/21		03/01/2020	Paydown		14,256	14,256	13,820	14,024			232			14,256				140	12/15/2021	1
312908-EA-0	FHR 1186 JB IO PAC-11 966.743% 12/15/21		03/01/2020	Paydown		33	33					33			33				45	12/15/2021	1
312908-QE-9	FHR 1210 J PAC-11 7.500% 01/15/22		03/01/2020	Paydown		7,580	7,580	7,529	7,543			37			7,580				88	01/15/2022	1
312909-HG-2	FHR 1239 J PAC-11 8.000% 04/15/22		03/01/2020	Paydown		10,102	10,102	10,063	10,067			35			10,102				129	04/15/2022	1
312909-UC-6	FHR 1252 J PAC-11 8.000% 05/15/22		03/01/2020	Paydown		13,943	13,943	13,763	13,826			117			13,943				184	05/15/2022	1
312910-5D-0	FHR 1326 J PAC-11 7.000% 07/15/22		03/01/2020	Paydown		8,387	8,387	8,191	8,268			120			8,387				98	07/15/2022	1
312910-B6-8	FHR 1312 I PAC-11 8.000% 07/15/22		03/01/2020	Paydown		7,971	7,971	7,886	7,913			58			7,971				114	07/15/2022	1
312910-HQ-8	FHR 1289 PW IO PAC-11 926.144% 06/15/22		03/01/2020	Paydown		35	35					35			35				56	06/15/2022	1
312910-HS-4	FHR 1289 PZ Z PAC-11 7.500% 06/15/22		03/01/2020	Paydown		24,684	24,684	19,377	24,289			395			24,684				323	06/15/2022	1
312911-HW-3	FHR 1336 N IO NTL 8.000% 08/15/22		03/01/2020	Paydown															28	08/15/2022	1
312911-JB-4	FHR 1365 PP PAC-11 7.500% 09/15/22		03/01/2020	Paydown		19,923	19,923	19,621	19,717			206			19,923				241	09/15/2022	1
312911-JE-1	FHR 1336 Z Z PAC-11 7.500% 08/15/22		03/01/2020	Paydown		30,859	30,859	25,743	30,447			413			30,859				424	08/15/2022	1
312911-S5-0	FHR 1371 PZ Z PAC-11 7.000% 09/15/22		03/01/2020	Paydown		13,571	13,571	10,263	13,300			271			13,571				158	09/15/2022	1
312911-XQ-8	FHR 1350 L Z PAC-11 7.500% 08/15/22		03/01/2020	Paydown		19,185	19,185	15,738	18,903			282			19,185				215	08/15/2022	1
312912-AR-9	FHR 1367 LA IO PAC-11 1103% 09/15/22		03/01/2020	Paydown		48	48					48			48				80	09/15/2022	1
312912-HV-3	FHR 1379 H PAC-11 7.000% 10/15/22		03/01/2020	Paydown		26,454	26,454	25,913	26,106			347			26,454				324	10/15/2022	1
312912-QJ-0	FHR 1390 I PAC-11 7.500% 10/15/22		03/01/2020	Paydown		22,186	22,186	21,977	22,038			148			22,186				278	10/15/2022	1
312912-S6-6	FHR 1408 K PAC-11 7.500% 11/15/22		03/01/2020	Paydown		17,162	17,162	16,842	16,950			211			17,162				213	11/15/2022	1
312913-AW-6	FHR 1412 K PAC-11 7.000% 11/15/22		03/01/2020	Paydown		18,049	18,049	17,618	17,775			274			18,049				209	11/15/2022	1
312913-B8-8	FHR 1430 M PAC-11 7.500% 12/15/22		03/01/2020	Paydown		56,553	56,553	55,547	55,868			685			56,553				701	12/15/2022	1
312913-SY-3	FHR 1440 PZ Z PAC-11 7.000% 12/15/22		03/01/2020	Paydown		26,100	26,100	20,036	25,548			551			26,100				306	12/15/2022	1
312914-AR-5	FHR 1446 L PAC-11 7.500% 12/15/22		03/01/2020	Paydown		17,844	17,844	17,527	17,626			217			17,844				222	12/15/2022	1
312914-D3-5	FHR 1479 Z Z PAC-11 7.500% 03/15/23		03/01/2020	Paydown		48,035	48,035	43,262	47,475			560			48,035				591	03/15/2023	1
312914-DS-0	FHR 1459 M PAC-11 7.500% 01/15/23		03/01/2020	Paydown		23,845	23,845	23,553	23,639			205			23,845				298	01/15/2023	1
312914-Q2-3	FHR 1477 Z Z PAC-11 7.000% 03/15/23		03/01/2020	Paydown		45,402	45,402	37,000	44,539			863			45,402				535	03/15/2023	1
312914-SF-2	FHG 5 HA PAC-11 7.500% 02/25/23		03/01/2020	Paydown		40,027	40,027	39,703	39,756			272			40,027				501	02/25/2023	1
312914-Y6-6	FHR 1482 PI PAC-11 7.000% 03/15/23		03/01/2020	Paydown		11,883	11,883	11,715	11,765			119			11,883				135	03/15/2023	1
312915-LK-5	FHR 1497 K Z PAC-11 7.000% 04/15/23		03/01/2020	Paydown		38,456	38,456	36,078	37,915			542			38,456				437	04/15/2023	1
312915-MN-8	FHR 1501 K PAC-11 7.000% 04/15/23		03/01/2020	Paydown		40,936	40,936	40,319	40,647			289			40,936				525	04/15/2023	1
312915-QG-9	FHR 1491 I PAC-11 7.500% 04/15/23		03/01/2020	Paydown		51,929	51,929	51,929	51,929						51,929				639	04/15/2023	1
312915-YZ-8	FHR 1518 H IO NTL SEQ 7.000% 05/15/23		03/01/2020	Paydown															210	05/15/2023	1
312916-AM-1	FHR 1508 IA PAC-11 7.350% 05/15/23		03/01/2020	Paydown		24,564	24,564	24,564	24,564						24,564				293	05/15/2023	1
312916-WG-0	FHR 1542 L PAC-11 7.000% 07/15/23		03/01/2020	Paydown		55,069	55,069	54,288	54,504			565			55,069				640	07/15/2023	1
31292H-YA-6	FG C01605 4.500% 07/01/33		03/01/2020	Paydown		410	410	392	393			17			410				3	07/01/2033	1
31292H-EZ-3	FG U99151 4.000% 12/01/46		03/01/2020	Paydown		800,593	800,593	827,112	826,152			(25,559)			(25,559)				800,593	12/01/2046	1

STATEMENT AS OF MARCH 31, 2020 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
3132XC-R8-0	FG 667711 4.000% 03/01/48		03/01/2020	Paydown		887,996	887,996	910,057	909,189		(21,193)		(21,193)		887,996				5,935	03/01/2048	1
313398-4L-0	FHR 2338 ZC Z SEQ 6.500% 07/15/31		03/01/2020	Paydown		18,674	18,674	17,612	18,363		312		312		18,674				170	07/15/2031	1
313398-B2-4	FHR 2341 GZ Z SEQ 7.000% 07/15/31		03/01/2020	Paydown		43,668	43,668	40,925	43,668		678		678		43,668				474	07/15/2031	1
313398-E3-9	FHR 2340 ZB Z SEQ 7.000% 07/15/31		03/01/2020	Paydown		68,395	68,395	65,228	67,545		850		850		68,395				741	07/15/2031	1
313398-SL-4	FHR 2335 DZ Z SEQ 6.500% 07/15/31		03/01/2020	Paydown		10,905	10,905	10,206	10,701		203		203		10,905				112	07/15/2031	1
313398-VZ-9	FHR 2352 Z Z SEQ 6.500% 08/15/31		03/01/2020	Paydown		43,444	43,444	40,145	42,608		836		836		43,444				452	08/15/2031	1
313399-C5-4	FHR 2344 ZE Z SEQ 6.500% 08/15/31		03/01/2020	Paydown		83,486	83,486	77,146	81,676		1,810		1,810		83,486				1,285	08/15/2031	1
313399-LK-1	FHR 2343 IZ EXCH Z SEQ 6.500% 08/15/31		03/01/2020	Paydown		55,226	55,226	51,567	54,351		874		874		55,226				575	08/15/2031	1
313399-U4-7	FHR 2345 TZ SC Z SEQ 7.000% 02/15/31		03/01/2020	Paydown		38,437	38,437	37,668	38,184		254		254		38,437				472	02/15/2031	1
313399-YJ-0	FHR 2360 GZ Z SEQ 6.500% 09/15/31		03/01/2020	Paydown		6,118	6,118	5,713	6,118		108		108		6,118				75	09/15/2031	1
313399-ZL-4	FHR 2360 ZB Z PAC-11 6.500% 09/15/31		03/01/2020	Paydown		21,913	21,913	20,369	21,549		364		364		21,913				239	09/15/2031	1
31339D-U8-9	FHR 2412 PH EXCH PAC-11 6.500% 02/15/32		03/01/2020	Paydown		61,605	61,605	61,278	61,328		277		277		61,605				698	02/15/2032	1
31339D-YH-5	FHR 2412 ZK Z SEQ 6.000% 02/15/32		03/01/2020	Paydown		10,214	10,214	10,125	10,161		53		53		10,214				102	02/15/2032	1
31339D-YJ-1	FHR 2412 ZC Z SEQ 6.500% 02/15/32		03/01/2020	Paydown		67,495	67,495	63,835	66,434		1,061		1,061		67,495				975	02/15/2032	1
31339G-AJ-0	FHR 2371 VZ Z PAC-1-11 6.000% 10/15/31		03/01/2020	Paydown		5,206	5,206	4,659	5,017		189		189		5,206				53	10/15/2031	1
31339G-CX-7	FHR 2366 PZ Z PAC-11 6.000% 10/15/31		03/01/2020	Paydown		75,210	75,210	66,866	73,054		2,156		2,156		75,210				592	10/15/2031	1
31339G-E5-6	FHR 2366 ZB Z SEQ 6.000% 10/15/31		03/01/2020	Paydown		172,439	172,439	154,117	167,539		4,899		4,899		172,439				2,361	10/15/2031	1
31339G-HF-1	FHR 2367 KZ Z SEQ 7.000% 10/15/31		03/01/2020	Paydown		53,884	53,884	53,480	53,656		228		228		53,884				657	10/15/2031	1
31339G-HU-8	FHR 2367 PZ Z PAC-11 6.000% 10/15/31		03/01/2020	Paydown		71,185	71,185	62,954	69,267		1,918		1,918		71,185				588	10/15/2031	1
31339G-LN-9	FHR 2370 DZ EXCH Z PAC 6.000% 10/15/31		03/01/2020	Paydown		35,057	35,057	30,987	34,003		1,054		1,054		35,057				361	10/15/2031	1
31339G-NA-5	FHR 2370 GE EXCH PAC 6.000% 10/15/31		03/01/2020	Paydown		146,586	146,586	145,876	146,056		530		530		146,586				1,479	10/15/2031	1
31339G-PU-9	FHR 2368 PZ Z PAC-1-11 6.000% 10/15/31		03/01/2020	Paydown		29,427	29,427	26,333	28,548		879		879		29,427				356	10/15/2031	1
31339G-RA-1	FHR 2368 PR EXCH PAC 6.500% 10/15/31		03/01/2020	Paydown		124,837	124,837	123,327	123,432		1,406		1,406		124,837				1,402	10/15/2031	1
31339L-3A-6	FHR 2382 NE PAC-11 6.000% 11/15/31		03/01/2020	Paydown		7,108	7,108	7,066	7,079		29		29		7,108				70	11/15/2031	1
31339L-HK-9	FHR 2392 PZ Z PAC-11 6.000% 12/15/31		03/01/2020	Paydown		59,601	59,601	54,163	58,291		1,310		1,310		59,601				612	12/15/2031	1
31339L-RN-2	FHR 2390 NB SEQ 6.000% 12/15/31		03/01/2020	Paydown		15,958	15,958	15,809	15,871		88		88		15,958				165	12/15/2031	1
31339L-YU-8	FHR 2391 Z Z SEQ 6.000% 12/15/31		03/01/2020	Paydown		347,893	347,893	304,678	337,288		10,605		10,605		347,893				3,457	12/15/2031	1
31339M-SA-7	FHR 2409 PN EXCH PAC-1 6.500% 01/15/32		03/01/2020	Paydown		114,264	114,264	112,995	113,074		1,189		1,189		114,264				1,029	01/15/2032	1
31339M-YU-6	FHR 2398 GC SEQ 7.000% 01/15/32		03/01/2020	Paydown		18,397	18,397	18,342	18,342		54		54		18,397				174	01/15/2032	1
31339N-F2-7	FHR 2413 MH PAC-1-11 6.500% 02/15/32		03/01/2020	Paydown		34,327	34,327	34,177	34,200		127		127		34,327				495	02/15/2032	1
31339N-GJ-8	FHR 2431 TE PAC-11 6.500% 03/15/32		03/01/2020	Paydown		37,489	37,489	37,665	37,489						37,489				414	03/15/2032	1
31339N-IM-4	FHR 2430 TF PAC-1-11 6.500% 03/15/32		03/01/2020	Paydown		12,882	12,882	12,738	12,748		134		134		12,882				140	03/15/2032	1
31339N-ZP-4	FHR 2427 PR PAC-11 6.500% 03/15/32		03/01/2020	Paydown		54,496	54,496	54,047	54,188		308		308		54,496				567	03/15/2032	1
31339N-ZH-8	FHR 2427 ZI Z SEQ 6.500% 03/15/32		03/01/2020	Paydown		36,756	36,756	34,241	36,022		734		734		36,756				380	03/15/2032	1
31339N-DR-4	FHR 2424 OH EXCH PAC-11 6.500% 03/15/32		03/01/2020	Paydown		125,429	125,429	124,691	124,725		705		705		125,429				1,385	03/15/2032	1
31339N-S3-1	FHR 2435 GJ PAC-1-11 6.500% 04/15/32		03/01/2020	Paydown		75,506	75,506	74,972	75,001		506		506		75,506				862	04/15/2032	1
31339N-WL-6	FHR 2437 PE PAC-11 6.500% 04/15/32		03/01/2020	Paydown		42,234	42,234	41,991	42,002		232		232		42,234				467	04/15/2032	1
313370-AU-8	FHR 1541 HA PAC-11 7.000% 07/15/23		03/01/2020	Paydown		29,712	29,712	29,412	29,488		225		225		29,712				341	07/15/2023	1
313370-GD-0	FHR 1559 VJ PAC-1-11 7.000% 08/15/23		03/01/2020	Paydown		116,005	116,005	115,178	115,349		656		656		116,005				1,387	08/15/2023	1
313370-MC-5	FHG 16 PK PAC-1-11 7.000% 08/25/23		03/01/2020	Paydown		104,547	104,547	103,279	103,854		693		693		104,547				1,238	08/25/2023	1
313370-YE-8	FHR 1552 IB PAC-1-11 7.000% 08/15/23		03/01/2020	Paydown		326,067	326,067	323,706	324,209		1,858		1,858		326,067				3,719	08/15/2023	1
313371-JF-0	FHR 1593 Z Z SEQ 7.000% 10/15/23		03/01/2020	Paydown		38,922	38,922	37,523	38,684		238		238		38,922				448	10/15/2023	1
313372-U8-1	FHG 26 Z Z SEQ 6.500% 12/25/23		03/01/2020	Paydown		212,113	212,113	184,573	208,164		3,949		3,949		212,113				2,232	12/25/2023	1
313373-SW-4	FHR 1671 I PAC-1-11 7.000% 02/15/24		03/01/2020	Paydown		205,101	205,101	204,194	204,300		801		801		205,101				2,300	02/15/2024	1
313373-AA-0	FHR 1663 Z Z PAC-1-11 7.000% 01/15/24		03/01/2020	Paydown		122,487	122,487	116,075	121,500		987		987		122,487				1,451	01/15/2024	1
313373-U2-2	FHR 1672 E PAC-11 7.000% 02/15/24		03/01/2020	Paydown		57,178	57,178	56,757	56,944		234		234		57,178				664	02/15/2024	1
313374-NE-2	FHR 1694 PK PAC-11 6.500% 03/15/24		03/01/2020	Paydown		19,856	19,856	19,453	19,560		297		297		19,856				213	03/15/2024	1
313374-YM-2	FHR 1689 K PAC-11 6.000% 03/15/24		03/01/2020	Paydown		76,955	76,955	74,861	75,408		1,546		1,546		76,955				785	03/15/2024	1
313375-2K-8	FHG 37 J PAC-11 6.000% 07/17/24		03/01/2020	Paydown		158,516	158,516	146,158	149,655		8,861		8,861		158,516				1,532	07/17/2024	1
313375-BP-7	FHR 1714 K PAC-1-11 7.000% 04/15/24		03/01/2020	Paydown		73,018	73,018	71,992	72,233		785		785		73,018				852	04/15/2024	

STATEMENT AS OF MARCH 31, 2020 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
313377-PN-3	FHR 1871 Z Z SEQ 7.000% 08/15/26		03/01/2020	Paydown		30,777	30,777	27,873	30,284		483		483		30,777				450	08/15/2026	1
313378-2P-1	FHR 1896 E SEQ 8.000% 09/15/26		03/01/2020	Paydown		20,188	20,188	20,125	20,125		63		63		20,188				230	09/15/2026	1
313378-5Z-6	FHR 1899 C SEQ 8.000% 09/15/26		03/01/2020	Paydown		7,333	7,333	7,303	7,304		28		28		7,333				92	09/15/2026	1
313378-AX-5	FSPC T-4 A4 PT AS 7.625% 09/25/26		03/25/2020	Paydown		140,950	140,950	138,396	140,515		436		436		140,950				2,218	09/25/2026	1
313378-CK-1	FHR 1905 J SEQ 7.500% 10/15/26		03/01/2020	Paydown		9,549	9,549	9,389	9,417		132		132		9,549				112	10/15/2026	1
313378-YD-4	FHR 1931 Z Z SEQ 8.000% 02/15/27		03/01/2020	Paydown		23,355	23,355	22,702	23,199		156		156		23,355				292	02/15/2027	1
313378-XJ-1	FHR 1941 E SEQ 7.500% 02/15/27		03/01/2020	Paydown		3,219	3,219	3,104	3,186		32		32		3,219				34	02/15/2027	1
313378-ZU-4	FHR 1935 Z Z SEQ 8.000% 02/15/27		03/01/2020	Paydown		26,337	26,337	25,658	26,172		165		165		26,337				321	02/15/2027	1
313379-3II-3	FHR 1932 C SEQ 7.000% 02/15/27		03/01/2020	Paydown		16,684	16,684	16,498	16,527		157		157		16,684				209	02/15/2027	1
313379-5Y-7	FHR 1934 KZ Z SEQ 7.500% 02/17/27		03/01/2020	Paydown		27,947	27,947	25,979	27,598		348		348		27,947				322	02/17/2027	1
313379-AQ-8	FHR 1929 NZ Z 7.500% 02/15/27		03/01/2020	Paydown		20,556	20,556	18,295	20,209		347		347		20,556				225	02/15/2027	1
313379-D6-9	FHR 1930 Z Z SEQ 7.500% 02/15/27		03/01/2020	Paydown		24,065	24,065	21,662	23,706		359		359		24,065				257	02/15/2027	1
313379-D7-7	FHR 1930 ZA Z SEQ 8.000% 02/15/27		03/01/2020	Paydown		16,334	16,334	15,461	16,177		157		157		16,334				194	02/15/2027	1
313379-GB-5	FHR 1933 ZA Z SEQ 8.000% 02/15/27		03/01/2020	Paydown		36,104	36,104	34,852	35,835		269		269		36,104				465	02/15/2027	1
313379-HC-2	FHR 1943 Z Z SEQ 7.500% 03/15/27		03/01/2020	Paydown		38,350	38,350	35,270	37,864		486		486		38,350				646	03/15/2027	1
313379-LW-3	FHR 1944 HZ Z SEQ 7.500% 03/15/27		03/01/2020	Paydown		8,172	8,172	7,571	8,055		117		117		8,172				104	03/15/2027	1
313379-RG-2	FHR 1951 K SC SEQ 7.500% 12/15/26		03/01/2020	Paydown		6,214	6,214	6,117	6,129		85		85		6,214				75	12/15/2026	1
31337A-DV-1	FHR 1967 Z Z SEQ 7.750% 06/17/27		03/01/2020	Paydown		31,419	31,419	29,464	31,057		362		362		31,419				422	06/17/2027	1
31337A-FM-9	FHR 1971 ZA Z SEQ 7.500% 07/20/27		03/01/2020	Paydown		31,568	31,568	31,374	31,420		147		147		31,568				447	07/20/2027	1
31337A-KM-3	FHR 1975 E SEQ 7.500% 07/15/27		03/01/2020	Paydown		7,705	7,705	7,650	7,654		51		51		7,705				108	07/15/2027	1
31337A-XX-5	FHR 1978 AE SEQ 7.000% 08/15/27		03/01/2020	Paydown		9,637	9,637	9,551	9,562		76		76		9,637				85	08/15/2027	1
31337A-Y5-5	FHR 1978 BE SEQ 6.500% 08/15/27		03/01/2020	Paydown		8,996	8,996	8,816	8,936		60		60		8,996				98	08/15/2027	1
31337B-3P-3	FHR 1990 G SEQ 6.500% 09/15/27		03/01/2020	Paydown		27,171	27,171	26,576	26,682		490		490		27,171				292	09/15/2027	1
31337B-BE-9	FHR 1988 GD SEQ 6.500% 09/15/27		03/01/2020	Paydown		12,163	12,163	11,962	11,997		167		167		12,163				124	09/15/2027	1
31337B-GP-9	FHR 2004 E SEQ 6.500% 10/15/27		03/01/2020	Paydown		21,280	21,280	20,888	20,959		321		321		21,280				234	10/15/2027	1
31337B-LE-8	FHR 1998 T SEQ 6.500% 10/15/27		03/01/2020	Paydown		16,413	16,413	16,148	16,183		230		230		16,413				194	10/15/2027	1
31337B-SF-8	FHR 1999 AC SEQ 6.500% 10/15/27		03/01/2020	Paydown		38,762	38,762	37,876	38,229		533		533		38,762				450	10/15/2027	1
31337C-2T-4	FHR 2012 H SEQ 6.500% 11/15/27		03/01/2020	Paydown		24,835	24,835	24,284	24,577		258		258		24,835				291	11/15/2027	1
31337C-6E-3	FHR 2008 E SEQ 6.500% 11/15/27		03/01/2020	Paydown		32,503	32,503	31,909	32,010		492		492		32,503				377	11/15/2027	1
31337C-BX-5	FHR 2016 V SEQ 6.500% 12/15/27		03/01/2020	Paydown		36,601	36,601	36,014	36,225		376		376		36,601				434	12/15/2027	1
31337C-CF-3	FHR 2014 Z SC Z PT 7.000% 11/15/22		03/01/2020	Paydown		27,346	27,346	27,406	27,346						27,346				325	11/15/2022	1
31337C-CL-0	FHR 2017 E SEQ 6.500% 12/15/27		03/01/2020	Paydown		29,225	29,225	28,887	28,928		297		297		29,225				318	12/15/2027	1
31337C-D9-6	FHR 2015 BD SEQ 6.500% 12/15/27		03/01/2020	Paydown		23,508	23,508	22,708	23,267		241		241		23,508				241	12/15/2027	1
31337C-FZ-6	FHR 2024 ZB Z SEQ 7.000% 01/20/28		03/01/2020	Paydown		69,746	69,746	69,733	69,673		73		73		69,746				773	01/20/2028	1
31337C-JL-3	FHR 2026 F FLT DLY SEQ 2.381% 01/15/28		03/01/2020	Paydown		15,097	15,097	15,099	15,097						15,097				60	01/15/2028	1
31337C-JP-4	FHR 2026 S INV DLY SEQ 65.524% 01/15/28		03/01/2020	Paydown		955	955	955	955		204		204		955				91	01/15/2028	1
31337C-JQ-2	FHR 2026 SA INV DLY SEQ 9.000% 01/15/28		03/01/2020	Paydown		3,690	3,690	3,817	3,776		(86)		(86)		3,690				53	01/15/2028	1
31337D-JY-3	FHR 2050 Z Z SEQ 6.500% 04/15/28		03/01/2020	Paydown		29,836	29,836	27,771	29,384		452		452		29,836				289	04/15/2028	1
31337D-PJ-9	FHR 2043 ZC Z SEQ 7.000% 04/15/28		03/01/2020	Paydown		39,406	39,406	39,375	39,356		50		50		39,406				499	04/15/2028	1
31337D-PX-8	FSPC T-11 A8 SEQ PT 6.500% 01/25/28		03/01/2020	Paydown		208,649	208,649	203,243	208,649						208,649				2,292	01/25/2028	1FE
31337D-TP-1	FHR 2058 H SEQ 7.000% 05/15/28		03/01/2020	Paydown		13,286	13,286	13,531	13,309		(23)		(23)		13,286				145	05/15/2028	1
31337E-WH-3	FHR 2083 ZC Z SEQ 6.500% 08/15/28		03/01/2020	Paydown		3,626	3,626	3,386	3,553		73		73		3,626				41	08/15/2028	1
31337G-3U-1	FHR 2080 Z Z SEQ 6.500% 08/15/28		03/01/2020	Paydown		50,383	50,383	49,879	50,141		242		242		50,383				544	08/15/2028	1
31337G-SS-4	FHR 2084 ZA Z SEQ 6.500% 08/15/28		03/01/2020	Paydown		6,137	6,137	5,334	5,977		161		161		6,137				65	08/15/2028	1
31337H-6A-0	FHR 2105 ZA Z SEQ 6.500% 12/15/28		03/01/2020	Paydown		16,591	16,591	15,679	16,307		284		284		16,591				185	12/15/2028	1
31337J-GW-7	FHR 2129 ZA Z SEQ 6.000% 02/15/29		03/01/2020	Paydown		32,978	32,978	29,196	31,886		1,092		1,092		32,978				338	02/15/2029	1
31337J-QG-1	FHR 2137 CZ Z SEQ 6.500% 03/15/29		03/01/2020	Paydown		23,924	23,924	21,857	23,405		520		520		23,924				261	03/15/2029	1
31337J-UD-3	FHR 2138 Z Z SEQ 6.500% 03/15/29		03/01/2020	Paydown		37,362	37,362	35,237	36,706		655		655		37,362				401	03/15/2029	1
31337J-V8-3	FHR 2132 LZ Z SEQ 6.500% 03/15/29		03/01/2020	Paydown		18,428	18,428	16,698	18,043		386		386		18,428				203	03/15/2029	1
31337J-VY-6	FHR 2132 ZL Z SEQ 6.500% 03/15/29		03/01/2020	Paydown		10,422	10,422	9,723	10,226		196		196		10,422				117	03/15/2029	1
31337K-2E-9	FHR 2134 ZC Z SEQ 6.500% 03/15/29		03/01/2020	Paydown		144,080	144,080	130,797	141,023		3,056		3,056		144,080				1,410	03/15/2029	1
31337K-VG-2	FHR 2159 Z EXCH Z SEQ 7.000% 05/15/29		03/01/2020	Paydown		24,406	24,406	23,488	24,188		219		219		24,406				283	05/15/2029	1
31337L-MK-1	FHR 2174 HZ Z SEQ 7.000% 07/15/29		03/01/2020	Paydown		10,260	10,260	9,226	10,029		231		231		10,260				125	07/15/2029	1
31337L-T8-1	FHR 2180 ZB Z SEQ 7.000% 08/15/29		03/01/2020	Paydown		29,019	29,019	26,184	28,397		622		622		29,019				359	08/15/2029	1
31337L-XU-7	FHR 2186 ZB Z SEQ 8.000% 09/15/29		03/01/2020	Paydown		54,799	54,799	54,290	54,550		250		250		54,799				749	09/15/2029	1
31337M-7F-7	FHR 2182 ZB Z SEQ 8.000% 09/15/29		03/01/2020	Paydown		179,344	179,344	174,220	177,969		1,374		1,374		179,344				2,538	09/15/2029	1
31337M-AQ-9	FHR 2193 ZC Z SEQ 8.000% 10/15/29		03/01/2020	Paydown		45,047	45,047	45,684	45,047						45,047				806	10/15/2029	1
31337M-DT-0	FHR 2190 Z Z SEQ 7.500% 10/20/29		03/01/2020	Paydown		43,															

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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
3133TM-DV-5	FHR 2190 ZC Z SEQ 8.000% 10/17/29		03/01/2020	Paydown		68,222	68,222	68,585	68,222						68,222				1,111	10/17/2029	1
3133TM-FI-8	FHR 2191 Z Z TAC-22 7.500% 10/15/29		03/01/2020	Paydown		92,802	92,802	83,956	90,918		1,883		1,883		92,802				1,335	10/15/2029	1
3133TN-N9-3	FHR 2200 ZC Z SEQ 8.000% 11/20/29		03/01/2020	Paydown		20,562	20,562	20,772	20,562						20,562				274	11/20/2029	1
3133TN-7H-1	FHR 2213 Z Z SEQ 8.000% 01/15/30		03/01/2020	Paydown		26,261	26,261	25,321	26,036		225		225		26,261				393	01/15/2030	1
3133TN-ON-2	FHR 2209 Z Z SEQ 8.000% 01/20/30		03/01/2020	Paydown		11,493	11,493	10,999	11,370		123		123		11,493				154	01/20/2030	1
3133TN-EP-5	FHR 2211 Z Z SEQ 8.000% 01/15/30		03/01/2020	Paydown		24,614	24,614	23,895	24,428		187		187		24,614				350	01/15/2030	1
3133TN-MJ-0	FHR 2219 PC PAC-11 7.500% 03/15/30		03/01/2020	Paydown		7,501	7,501	7,537	7,501						7,501				105	03/15/2030	1
3133TN-R2-2	FHR 2220 ZN Z SEQ 8.000% 03/15/30		03/01/2020	Paydown		14,498	14,498	13,953	14,370		128		128		14,498				234	03/15/2030	1
3133TN-Z4-9	FHR 2231 ZP Z SEQ 8.350% 05/15/30		03/01/2020	Paydown		10,794	10,794	10,788	10,782		12		12		10,794				161	05/15/2030	1
3133TP-J2-6	FHR 2250 Z Z SEQ 7.000% 08/15/30		03/01/2020	Paydown		9,233	9,233	8,849	9,146		87		87		9,233				101	08/15/2030	1
3133TP-MR-7	FHR 2258 Z Z SEQ 7.000% 09/15/30		03/01/2020	Paydown		6,278	6,278	6,043	6,228		50		50		6,278				79	09/15/2030	1
3133TP-SZ-3	FHR 2256 ZY Z SEQ 7.000% 09/15/30		03/01/2020	Paydown		12,546	12,546	12,081	12,432		114		114		12,546				180	09/15/2030	1
3133TP-TN-9	FHR 2254 PE PAC-1-11 7.500% 09/15/30		03/01/2020	Paydown		7,830	7,830	7,869	7,830						7,830				103	09/15/2030	1
3133TP-ZS-1	FHR 2265 PC PAC-1-11 7.500% 10/15/30		03/01/2020	Paydown		95,665	95,665	96,592	95,665						95,665				1,626	10/15/2030	1
3133TQ-ZR-7	FHR 2265 Z Z SEQ 7.000% 10/15/30		03/01/2020	Paydown		35,343	35,343	34,271	35,064		278		278		35,343				420	10/15/2030	1
3133TQ-4L-8	FHR 2261 Z Z SEQ 7.000% 10/15/30		03/01/2020	Paydown		46,989	46,989	45,234	46,525		464		464		46,989				598	10/15/2030	1
3133TR-FW-0	FHR 2289 Z Z SEQ 6.500% 02/15/31		03/01/2020	Paydown		88,065	88,065	82,671	86,592		1,473		1,473		88,065				1,003	02/15/2031	1
3133TR-KF-1	FHR 2283 Z Z SEQ 7.000% 02/15/31		03/01/2020	Paydown		13,591	13,591	13,046	13,443		149		149		13,591				165	02/15/2031	1
3133TR-P3-3	FHR 2300 PD PAC-1-11 6.500% 03/15/31		03/01/2020	Paydown		29,768	29,768	30,103	29,768		(18)		(18)		29,768				309	03/15/2031	1
3133TR-QZ-1	FHR 2295 EZ Z SEQ 6.500% 03/15/31		03/01/2020	Paydown		10,940	10,940	10,085	10,777		163		163		10,940				104	03/15/2031	1
3133TT-ZS-9	FHR 2320 Z Z SEQ 7.000% 05/15/31		03/01/2020	Paydown		16,809	16,809	15,884	16,582		227		227		16,809				193	05/15/2031	1
3133TT-LA-7	FHR 2313 ZG Z SEQ 7.000% 05/15/31		03/01/2020	Paydown		8,871	8,871	8,267	8,703		169		169		8,871				102	05/15/2031	1
3133TT-N3-1	FHR 2312 KZ SC Z SEQ 6.500% 04/15/31		03/01/2020	Paydown		60,995	60,995	58,860	60,336		659		659		60,995				870	04/15/2031	1
3133TT-RS-2	FHR 2331 Z Z SEQ 6.500% 06/15/31		03/01/2020	Paydown		9,943	9,943	9,135	9,711		232		232		9,943				108	06/15/2031	1
3133TT-UJ-8	FHR 2328 JZ Z SEQ 7.000% 06/15/31		03/01/2020	Paydown		17,739	17,739	16,974	17,533		206		206		17,739				208	06/15/2031	1
3133TT-ZB-0	FHR 2327 B SEQ 7.000% 06/15/31		03/01/2020	Paydown		6,736	6,736	6,736	6,736						6,736				76	06/15/2031	1
3133TU-AK-4	FHR 2325 ZA Z SEQ 7.000% 06/15/31		03/01/2020	Paydown		47,589	47,589	46,964	47,334		255		255		47,589				477	06/15/2031	1
3133TU-AN-8	FHR 2325 Z Z 7.000% 06/15/31		03/01/2020	Paydown		23,815	23,815	22,431	23,486		329		329		23,815				293	06/15/2031	1
3133TU-BK-3	FHR 2325 ZP SC Z SEQ 7.000% 03/15/31		03/01/2020	Paydown		51,016	51,016	47,955	50,217		799		799		51,016				516	03/15/2031	1
3133TU-LT-3	FHR 2358 Z Z SEQ 6.500% 09/15/31		03/01/2020	Paydown		106,218	106,218	97,587	104,198		2,020		2,020		106,218				1,535	09/15/2031	1
3133TU-UT-3	FHR 2357 ZP Z PAC-1-11 6.500% 09/15/31		03/01/2020	Paydown		28,068	28,068	26,498	27,600		468		468		28,068				300	09/15/2031	1
3133TV-X3-7	FHR 2357 GC SEQ 6.000% 09/15/31		03/01/2020	Paydown		21,764	21,764	21,352	21,593		171		171		21,764				265	09/15/2031	1
3133TV-GD-2	FHR 2355 WD PAC-11 6.500% 09/15/31		03/01/2020	Paydown		86,194	86,194	85,404	85,450		743		743		86,194				932	09/15/2031	1
3133TV-HB-2	FHR 2441 JZ Z SEQ 6.000% 04/15/32		03/01/2020	Paydown		82,163	82,163	73,639	80,181		1,982		1,982		82,163				818	04/15/2032	1
3133TV-HQ-2	FHR 2441 HF PAC-11 6.500% 04/15/32		03/01/2020	Paydown		133,560	133,560	132,725	133,006		553		553		133,560				1,139	04/15/2032	1
3133TV-KM-7	FHR 2441 MD PAC-1-11 6.500% 04/15/32		03/01/2020	Paydown		142,383	142,383	141,526	141,569		815		815		142,383				1,765	04/15/2032	1
3133TV-PF-7	FHR 2433 PE PAC-11 6.500% 04/15/32		03/01/2020	Paydown		43,040	43,040	43,295	43,040						43,040				514	04/15/2032	1
3133TV-PV-2	FHR 2433 ZB Z SEQ 6.500% 04/15/32		03/01/2020	Paydown		14,131	14,131	13,213	13,858		273		273		14,131				153	04/15/2032	1
3133TV-UP-9	FHR 2434 ZC Z SEQ 6.500% 04/15/32		03/01/2020	Paydown		30,600	30,600	28,659	30,060		540		540		30,600				329	04/15/2032	1
3133TV-VB-9	FHR 2434 PR EXCH PAC-11 6.500% 04/15/32		03/01/2020	Paydown		44,218	44,218	45,490	44,531		(313)		(313)		44,218				421	04/15/2032	1
3135BE-BR-6	FNR 1990-113 Z Z 9.500% 09/25/20		03/01/2020	Paydown		4,691	4,691	4,159	4,652		39		39		4,691				78	09/25/2020	1
3135BE-J3-7	FNR 1990-97 G PAC 7.000% 08/25/20		03/01/2020	Paydown		153	153	144	153		1		1		153				1	08/25/2020	1
3135BE-MS-8	FNR 1990-65 X Z PAC-11 9.500% 06/25/20		03/01/2020	Paydown		700	700	608	695		6		6		700				11	06/25/2020	1
3135BE-BA-0	FNR 1991-8 G PAC-11 6.500% 02/25/21		03/01/2020	Paydown		2,715	2,715	2,477	2,693		22		22		2,715				29	02/25/2021	1
3135BE-HX-0	FNR 1990-129 J PAC 9.500% 11/25/20		03/01/2020	Paydown		1,334	1,334	1,367	1,334						1,334				21	11/25/2020	1
3135BE-SW-0	FNR 1990-142 Z Z SEQ 9.500% 12/25/20		03/01/2020	Paydown		3,002	3,002	2,778	2,977		25		25		3,002				47	12/25/2020	1
3135BE-SK-9	FNR 1991-65 W IO PZ PAC-11 CPT 1004%		06/25/21	Paydown		14	14						14						23	06/25/2021	1
3135BE-TS-6	FNR 1991-44 G PAC 8.500% 05/25/21		03/01/2020	Paydown		351	351	329	348		3		3		351				5	05/25/2021	1
3135BE-C4-5	FNR G-24 O SEQ 8.250% 08/25/21		03/01/2020	Paydown		1,284	1,284	1,253	1,270		13		13		1,284				17	08/25/2021	1
3135BE-CH-6	FNR 1991-69 K PAC 9.500% 06/25/21		03/01/2020	Paydown		3,081	3,081	3,089	3,070		11		11		3,081				48	06/25/2021	1
3135BE-RE-7	FNR 1991-82 PZ Z PAC 8.000% 08/25/21		03/01/2020	Paydown		25,678	25,678	20,477	25,346		332		332		25,678				350	08/25/2021	1
3135BE-VB-8	FNR 1991-86 M IO PZ PAC-11 CPT 750.000%		07/25/21	Paydown		42	42						42						46	07/25/2021	

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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
31358J-SL-1	FNR 9-32 N SEQ 8.100% 10/25/21		03/01/2020	Paydown		1,725	1,725	1,608	1,706		19		19		1,725				23	10/25/2021	1
31358J-BJ-9	FNR 1991-119 Z Z 8.500% 09/25/21		03/01/2020	Paydown		3,214	3,214	2,737	3,175		39		39		3,214				46	09/25/2021	1
31358J-C2-5	FNR 1991-132 K IO PZ PAC 994.051% 10/25/21		03/01/2020	Paydown		5	5				5		5		5				8	10/25/2021	1
31358J-LQ-2	FNR 1991-108 K IO PAC 846.856% 09/25/21		03/01/2020	Paydown		52	52				52		52		52				71	09/25/2021	1
31358J-LS-8	FNR 1991-108 JC PAC 9.000% 09/25/21		03/01/2020	Paydown		9,178	9,178	9,097	9,111		67		67		9,178				132	09/25/2021	1
31358J-RQ-6	FNR 1991-116 E PAC-11 8.500% 09/25/21		03/01/2020	Paydown		7,573	7,573	7,451	7,498		75		75		7,573				107	09/25/2021	1
31358J-Y5-4	FNR 9-35 O IO TAC-11 1070% 10/25/21		03/01/2020	Paydown		19	19				19		19		19				33	10/25/2021	1
31358K-4X-3	FNR 1991-168 PX Z PAC-11 7.000% 12/25/21		03/01/2020	Paydown		10,560	10,560	7,678	10,354		207		207		10,560				123	12/25/2021	1
31358K-7A-0	FNR 1991-164 PX Z PAC-11 7.500% 12/25/21		03/01/2020	Paydown		5,899	5,899	4,439	5,781		118		118		5,899				70	12/25/2021	1
31358K-C3-0	FNR 1991-163 L PAC-11 8.500% 12/25/21		03/01/2020	Paydown		6,000	6,000	5,833	6,000				6,000		6,000				83	12/25/2021	1
31358K-CD-8	FNR 1991-152 Z Z 8.000% 11/25/21		03/01/2020	Paydown		3,869	3,869	3,026	3,808		60		60		3,869				49	11/25/2021	1
31358L-JC-1	FNR 992-7 K SEQ 7.000% 01/25/22		03/01/2020	Paydown		4,052	4,052	3,900	3,980		72		72		4,052				46	01/25/2022	1
31358L-YC-4	FNR 992-11 K PAC-11 7.000% 02/25/22		03/01/2020	Paydown		22,906	22,906	22,220	22,522		384		384		22,906				266	02/25/2022	1
31358L-ZW-9	FNR 1992-16 Z Z PAC-11 7.000% 02/25/22		03/01/2020	Paydown		70,193	70,193	51,713	68,750		1,443		1,443		70,193				768	02/25/2022	1
31358M-ZV-9	FNR 992-22 J PAC-11 7.500% 04/25/22		03/01/2020	Paydown		5,615	5,615	5,486	5,541		75		75		5,615				69	04/25/2022	1
31358N-GK-3	FNR 1992-126 PZ Z PAC-11 8.000% 07/25/22		03/01/2020	Paydown		25,798	25,798	22,065	25,443		354		354		25,798				367	07/25/2022	1
31358N-LQ-3	FNR 1992-100 ZB Z 8.500% 06/25/22		03/01/2020	Paydown		16,991	16,991	16,086	16,797		193		193		16,991				236	06/25/2022	1
31358N-M5-8	FNR 1992-119 Z Z 8.000% 07/25/22		03/01/2020	Paydown		19,844	19,844	16,888	19,558		286		286		19,844				262	07/25/2022	1
31358N-P4-8	FNR 1992-112 G PAC-11 8.000% 07/25/22		03/01/2020	Paydown		12,691	12,691	12,495	12,550		140		140		12,691				166	07/25/2022	1
31358N-YB-2	FNR 1992-79 NB IO PAC-11 1004% 06/25/22		03/01/2020	Paydown		13	13				13		13		13				22	06/25/2022	1
31358P-BG-1	FNR 1992-134 L PAC-11 6.000% 07/25/22		03/01/2020	Paydown		6,645	6,645	6,250	6,479		166		166		6,645				67	07/25/2022	1
31358P-C9-6	FNR 1992-135 LZ Z PAC-11 7.500% 08/25/22		03/01/2020	Paydown		33,555	33,555	27,432	33,020		536		536		33,555				420	08/25/2022	1
31358P-EN-3	FNR 1992-117 NB IO PAC-11 1175% 07/25/22		03/01/2020	Paydown		12	12				12		12		12				24	07/25/2022	1
31358P-G2-7	FNR 992-41 M PAC-11 5.875% 08/25/22		03/01/2020	Paydown		12,425	12,425	11,837	12,078		346		346		12,425				117	08/25/2022	1
31358P-ST-5	FNR 1992-132 PZ Z PAC-11 8.000% 08/25/22		03/01/2020	Paydown		24,617	24,617	21,124	24,246		371		371		24,617				346	08/25/2022	1
31358Q-2R-5	FNR 1992-168 KB PAC-11 7.000% 10/25/22		03/01/2020	Paydown		5,551	5,551	5,551	5,551		34		34		5,551				65	10/25/2022	1
31358Q-EU-5	FNR 1992-162 D PAC-11 7.000% 09/25/22		03/01/2020	Paydown		6,034	6,034	5,644	5,964		70		70		6,034				71	09/25/2022	1
31358Q-L2-9	FNR 1992-182 PM IO NTL 7.500% 10/25/22		03/01/2020	Paydown															29	10/25/2022	1
31358Q-L8-6	FNR 1992-182 Z Z PAC-11 7.000% 10/25/22		03/01/2020	Paydown		11,432	11,432	9,010	11,188		244		244		11,432				134	10/25/2022	1
31358Q-LN-3	FNR 1992-163 P IO NTL 8.000% 09/25/22		03/01/2020	Paydown															10	09/25/2022	1
31358Q-O6-5	FNR 1992-181 PN PAC-11 7.000% 10/25/22		03/01/2020	Paydown		27,550	27,550	26,833	27,059		492		492		27,550				344	10/25/2022	1
31358Q-OR-9	FNR 1992-143 NA IO PAC-11 1184% 09/25/22		03/01/2020	Paydown		14	14				14		14		14				27	09/25/2022	1
31358Q-VP-7	FNR 1992-150 M PAC-11 8.000% 09/25/22		03/01/2020	Paydown		26,727	26,727	26,443	26,499		228		228		26,727				385	09/25/2022	1
31358Q-VR-3	FNR 1992-150 NC IO PAC-11 945.367% 09/25/22		03/01/2020	Paydown		80	80				80		80		80				136	09/25/2022	1
31358R-4X-8	FNR 1993-4 L PAC-11 7.500% 01/25/23		03/01/2020	Paydown		37,172	37,172	36,708	36,811		362		362		37,172				465	01/25/2023	1
31358R-4Z-3	FNR 1993-4 LB PAC-11 7.000% 01/25/23		03/01/2020	Paydown		7,563	7,563	7,394	7,443		120		120		7,563				88	01/25/2023	1
31358R-KL-6	FNR 1992-201 D TAC-11 7.000% 11/25/22		03/01/2020	Paydown		14,949	14,949	14,534	14,668		281		281		14,949				168	11/25/2022	1
31358R-R9-6	FNR 1992-215 PT PAC-11 7.500% 12/25/22		03/01/2020	Paydown		14,757	14,757	14,479	14,559		198		198		14,757				186	12/25/2022	1
31358T-5U-9	FNR 1993-23 PZ Z PAC-11 7.500% 03/25/23		03/01/2020	Paydown		61,078	61,078	56,898	60,423		655		655		61,078				751	03/25/2023	1
31358T-KQ-1	FNR 993-3 K PAC-11 7.000% 02/25/23		03/01/2020	Paydown		19,870	19,870	19,473	19,589		281		281		19,870				232	02/25/2023	1
31358T-TW-9	FNR 993-8 PZ Z PAC-11 7.250% 02/25/23		03/01/2020	Paydown		43,682	43,682	37,580	43,008		674		674		43,682				537	02/25/2023	1
31358T-XV-6	FNR 1993-20 J PAC-11 7.000% 03/25/23		03/01/2020	Paydown		48,784	48,784	47,448	47,983		801		801		48,784				485	03/25/2023	1
31358T-ZB-8	FNR 1993-24 Z Z PAC-11 7.000% 03/25/23		03/01/2020	Paydown		16,068	16,068	13,417	15,785		283		283		16,068				188	03/25/2023	1
31358U-AX-4	FNR 1993-29 J PAC-22 7.500% 03/25/23		03/01/2020	Paydown		46,438	46,438	46,124	46,154		283		283		46,438				580	03/25/2023	1
31358U-G5-9	FNR 1993-61 KC PAC-11 7.000% 05/25/23		03/01/2020	Paydown		12,143	12,143	11,960	12,005		139		139		12,143				147	05/25/2023	1
31358U-GD-2	FNR 1993-38 M PAC-11 6.750% 03/25/23		03/01/2020	Paydown		93,381	93,381	91,455	92,012		1,369		1,369		93,381				928	03/25/2023	1
31358U-HV-1	FNR 993-16 K PAC-11 5.000% 04/25/23		03/01/2020	Paydown		29,427	29,427	27,227	27,945		1,482		1,482		29,427				255	04/25/2023	1
31358U-T8-9	FNR 993-20 PU IO PAC-11 892.761% 05/25/23		03/01/2020	Paydown		42	42				42		42		42				65	05/25/2023	1
31359A-AM-1	FNR 1993-73 L PAC-11 7.500% 05/25/23		03/01/2020	Paydown		32,045	32,045	32,155	32,045						32,045				399	05/25/2023	1
31359A-K8-1	FNR 1993-98 L PAC-11 7.000% 06/25/23		03/01/2020	Paydown		45,539	45,539	44,863	45,228		311		311		45,539				541	06/25/2023	1
31359A-VP-1	FNR 1993-77 L PAC-11 7.000% 06/25/23		03/01/2020	Paydown		51,621	51,621	50,863	51,252		369		369		51,621				435	06/25/2023	1
31359B-BU-0	FNR 1993-103 PL PAC-11 7.000% 07/25/23		03/01/2020	Paydown		28,441	28,441	27,915	28,043		398		398		28,441				335	07/25/2023	1
31359B-GB-7	FNR 993-25 L PAC-11 7.000% 07/25/23		03/01/2020	Paydown		88,536	88,536	87,228	87,546		990		990		88,536				1,008	07/25/2023	1
31359B-JQ-1	FNR 1993-120 L PAC-11 7.000% 07/25/23		03/01/2020	Paydown		67,692	67,692	66,805	66,995		697		697		67,692				736	07/25/2023	1
31359B-LJ-4	FNR 993-26 PZ Z PAC-11 7.000% 07/25/23		03/01/2020	Paydown		99,554	99,554	91,388	98,250		1,304		1,304		99,554				1,208	07/25/2023	1
31359B-SU-2	FNR 1993-136 K IO NTL AD 7.000% 07/25/23		03/01/2020	Paydown															16	07/25/2023	1
31359B-YJ-0	FNR 1993-142 G PAC-11 7.000% 08/25/23		03/01/2020	Paydown		31,207	31,207	30,656	30,979		228		228		31,207				369	08/25/2023	1
31359D-ZW-2	FNR 1993-163 Z Z PAC-11 7.000% 09/25/23		03/01/2020	Paydown		99,555	99,555	95,044	98,629		926		926								

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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
31359D-K6-9	FNR 1993-155 KZ Z PAC-1-11 7.000% 09/25/23		03/01/2020	Paydown		112,668	112,668	104,764	111,384		1,284		1,284		112,668				1,236	09/25/2023	1
31359D-KV-4	FNR G93-33 K PAC-1-11 7.000% 09/25/23		03/01/2020	Paydown		34,666	34,666	34,666	34,666						34,666				405	09/25/2023	1
31359F-K7-2	FNR G93-41 Z Z SEQ 7.000% 12/25/23		03/01/2020	Paydown		111,187	111,187	104,568	110,296		891		891		111,187				1,222	12/25/2023	1
31359G-20-8	FNR 1994-39 PL PAC-1-11 6.500% 03/25/24		01/08/2020	NOMURA SECURITIES INTL INC.																03/25/2024	1
31359G-E9-3	FNR 1994-28 L PAC-11 6.500% 03/25/24		01/08/2020	INC.																03/25/2024	1
31359G-LE-4	FNR G94-1 PK PAC-1-11 7.000% 01/25/24		03/01/2020	Paydown		117,351	117,351	117,241	117,055		296		296		117,351				1,322	01/25/2024	1
31359G-R7-3	FNR G94-2 E TAC-11 7.000% 03/25/24		03/01/2020	Paydown		284,705	284,705	282,778	282,959		1,746		1,746		284,705				3,161	03/25/2024	1
31359H-EE-0	FNR 1994-41 PL PAC-1-11 6.500% 03/25/24		03/01/2020	Paydown		67,705	67,705	65,929	66,364		1,341		1,341		67,705				697	03/25/2024	1
31359H-JN-5	FNR 1994-55 N W OPT 6.181% 12/25/23		03/01/2020	Paydown		5,367	5,367	5,334	5,367						5,367				54	12/25/2023	1
31359H-MK-7	FNR 1994-38 PM PAC-1-11 6.950% 03/25/24		03/01/2020	Paydown		36,631	36,631	36,003	36,143		488		488		36,631				431	03/25/2024	1
31359H-Y6-6	FNR G94-5 PK PAC-1-11 7.500% 06/17/24		03/01/2020	Paydown		72,070	72,070	70,150	70,643		1,427		1,427		72,070				913	06/17/2024	1
31359K-F8-5	FNR 1996-46 ZA Z SEQ 7.500% 11/25/26		03/01/2020	Paydown		29,406	29,406	27,813	29,061		345		345		29,406				415	11/25/2026	1
31359K-K4-8	FNR 1996-57 Z Z SEQ 7.000% 12/25/26		03/01/2020	Paydown		7,153	7,153	6,983	7,091		62		62		7,153				79	12/25/2026	1
31359K-MA-2	FNR G96-2 H PAC-11 7.500% 07/22/26		03/01/2020	Paydown		13,360	13,360	13,107	13,263		96		96		13,360				165	07/22/2026	1
31359K-P5-0	FNR 1996-51 Z Z SEQ 8.000% 12/18/26		03/01/2020	Paydown		29,667	29,667	28,586	29,429		238		238		29,667				433	12/18/2026	1
31359L-UB-2	FNR 1994-108 A SC PT 7.500% 10/25/22		03/01/2020	Paydown		5,901	5,901	5,897	5,883		18		18		5,901				76	10/25/2022	1
31359L-ZB-4	FNR 1995-19 Z SC Z SEQ 6.500% 11/25/23		01/08/2020	NOMURA SECURITIES INTL INC.																11/25/2023	1
31359N-2A-8	FNR 1997-25 Z Z SEQ 7.000% 03/18/27		03/01/2020	Paydown		21,657	21,657	21,309	21,539		118		118		21,657				247	03/18/2027	1
31359N-3L-3	FNR 1997-19 ZA Z SEQ 7.000% 04/18/27		03/01/2020	Paydown		11,636	11,636	11,615	11,610		27		27		11,636				127	04/18/2027	1
31359N-M8-1	FNR 1997-15 Z Z SEQ 7.500% 04/18/27		03/01/2020	Paydown		18,935	18,935	17,340	18,633		302		302		18,935				279	04/18/2027	1
31359N-NU-1	FNR G97-1 Z Z SEQ 7.500% 01/20/27		03/01/2020	Paydown		46,248	46,248	39,894	45,177		1,071		1,071		46,248				571	01/20/2027	1
31359N-TJ-0	FNR 1997-11 E SEQ 7.000% 03/18/27		03/01/2020	Paydown		10,140	10,140	10,013	10,107		107		107		10,140				109	03/18/2027	1
31359N-UB-5	FNR 1997-11 Z Z SEQ 7.500% 03/18/27		03/01/2020	Paydown		15,490	15,490	14,256	15,261		229		229		15,490				196	03/18/2027	1
31359P-6D-3	FNR 1997-5 ZA ARB Z SEQ 8.000% 06/17/27		03/01/2020	Paydown		103,029	103,029	97,419	101,584		1,445		1,445		103,029				1,394	06/17/2027	1
31359P-6E-1	FNR 1997-5 ZA ARB Z SEQ 8.000% 06/17/27		03/01/2020	Paydown		5,933	5,933	5,610	5,850		83		83		5,933				80	06/17/2027	1
31359P-7K-6	FNR 1997-64 C SEQ 6.500% 09/18/27		03/01/2020	Paydown		24,408	24,408	24,035	24,094		314		314		24,408				278	09/18/2027	1
31359P-7M-2	FNGT 1998-T3 B PT 8.958% 09/25/23		03/01/2020	Paydown		18,560	18,560	19,879	18,576		(16)		(16)		18,560				274	09/25/2023	1
31359P-FS-0	FNR 1997-29 Z Z SEQ 6.500% 05/18/27		03/01/2020	Paydown		20,423	20,423	19,142	20,179		244		244		20,423				214	05/18/2027	1
31359P-LK-0	FNR 1997-26 Z Z SEQ 6.600% 05/18/27		03/01/2020	Paydown		33,034	33,034	31,688	32,739		295		295		33,034				362	05/18/2027	1
31359P-NE-3	FNR 1997-26 GZ Z SEQ 7.000% 04/17/27		03/01/2020	Paydown		57,940	57,940	52,053	57,033		907		907		57,940				677	04/17/2027	1
31359P-SY-3	FNR 1997-35 Z Z SEQ 8.000% 06/18/27		03/01/2020	Paydown		19,099	19,099	18,729	18,981		119		119		19,099				252	06/18/2027	1
31359P-WD-4	FNR 1997-34 ZA Z SEQ 8.000% 06/18/27		03/01/2020	Paydown		14,074	14,074	13,311	13,909		165		165		14,074				186	06/18/2027	1
31359P-WN-2	FNR 1997-34 PK PAC-11 7.000% 06/18/27		03/01/2020	Paydown		19,705	19,705	19,551	19,578		127		127		19,705				220	06/18/2027	1
31359P-X8-4	FNR 1997-42 ZC Z SEQ 6.500% 07/18/27		03/01/2020	Paydown		22,742	22,742	21,264	22,438		304		304		22,742				244	07/18/2027	1
31359P-Y8-3	FNR 1997-43 Z Z SEQ 7.500% 07/18/27		03/01/2020	Paydown		21,810	21,810	19,635	21,440		370		370		21,810				303	07/18/2027	1
31359Q-CD-4	FNR 1997-52 Z Z SEQ 7.920% 07/20/27		03/01/2020	Paydown		31,970	31,970	31,845	31,843		127		127		31,970				412	07/20/2027	1
31359Q-LE-2	FNR 1997-63 B SCH 7.000% 09/18/27		03/01/2020	Paydown		35,319	35,319	35,041	35,079		241		241		35,319				342	09/18/2027	1
31359Q-W2-6	FNR 1997-74 J SEQ 6.500% 11/18/27		03/01/2020	Paydown		42,992	42,992	42,124	42,439		553		553		42,992				436	11/18/2027	1
31359Q-W8-3	FNR 1997-74 NC SEQ NAS 6.500% 11/18/27		03/01/2020	Paydown		6,667	6,667	6,494	6,515		152		152		6,667				72	11/18/2027	1
31359Q-Z7-2	FNR 1997-77 Z Z SEQ 7.000% 11/18/27		03/01/2020	Paydown		16,831	16,831	16,672	16,747		84		84		16,831				198	11/18/2027	1
31359R-QC-9	FNR 1997-92 C SEQ 6.500% 01/18/28		03/01/2020	Paydown		31,193	31,193	30,755	30,828		365		365		31,193				303	01/18/2028	1
31359R-RN-4	FNR 1997-94 H SEQ 6.500% 01/18/28		03/01/2020	Paydown		4,263	4,263	4,121	4,217		46		46		4,263				46	01/18/2028	1
31359R-VN-9	FNR 1998-5 C SEQ 6.500% 02/18/28		03/01/2020	Paydown		19,286	19,286	18,999	19,174		112		112		19,286				203	02/18/2028	1
31359R-XA-5	FNR 1998-1 D SEQ 7.000% 01/20/28		03/01/2020	Paydown		43,808	43,808	43,810	43,808						43,808				487	01/20/2028	1
31359S-D6-4	FNR 2001-12 ZA Z SEQ 7.000% 05/25/31		03/01/2020	Paydown		32,389	32,389	32,146	32,193		196		196		32,389				439	05/25/2031	1
31359S-QD-5	FNR 2001-10 PY PAC-11 6.000% 04/25/31		03/01/2020	Paydown		34,894	34,894	34,764	34,762		133		133		34,894				341	04/25/2031	1
31359S-QS-2	FNR 2001-10 LZ Z SEQ 7.000% 04/25/31		03/01/2020	Paydown		5,219	5,219	5,098	5,164		55		55		5,219				65	04/25/2031	1
31359T-HN-1	FNR 1998-29 Z Z SEQ 7.000% 04/20/28		03/01/2020	Paydown		61,253	61,253	61,126	61,102		151		151		61,253				637	04/20/2028	1
31359U-PG-4	FNW 1998-W2 B1 SUB 6.500% 06/25/28		03/01/2020	Paydown		102,017	102,017	98,539	99,240		2,777		2,777		102,017				816	06/25/2028	SFE
31359U-PH-2	FNW 1998-W2 B2 SUB 6.500% 06/25/28		03/01/2020	Paydown		90,625	90,625	86,474	87,361		3,264		3,264		90,625				725	06/25/2028	SFE
31359U-PJ-8	FNW 1998-W2 B3 SUB 6.500% 06/25/28		02/01/2020	Paydown		48,278	48,278	43,972	44,665		3,612		3,612		48,278						

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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
31359H-2W-0	FNR 1999-51 C SEQ 7.500% 10/25/29		03/01/2020	Paydown		18,799	18,799	18,297	18,622		176		176		18,799				233	10/25/2029	1
31359W-3F-6	FNR 1999-51 BC SEQ 7.500% 10/25/29		03/01/2020	Paydown		5,665	5,665	5,523	5,601		64		64		5,665				71	10/25/2029	1
31359X-MB-2	FNA 1999-M6 Z Z SEQ 6.700% 11/17/39		03/01/2020	Paydown		10,488	10,488	10,506	10,487		1		1		10,488				117	11/17/2039	1
313603-5T-5	FNR 1990-42 G SEQ 9.800% 04/25/20		03/01/2020	Paydown		79	79	78	78		1		1		79				1	04/25/2020	1
313637-FB-1	FN 109162 6.640% 03/01/28		03/01/2020	Paydown		1,292	1,292	1,292	1,292						1,292				14	03/01/2028	1
313640-Y6-9	FNR 2011-89 HZ Z SEQ 4.000% 09/25/41		03/01/2020	Paydown		1,464,128	1,464,128	1,415,070	1,444,075		20,054		20,054		1,464,128				9,703	09/25/2041	1
313641-JZ-9	FNR 2011-99 AZ Z SEQ 4.000% 10/25/41		03/01/2020	Paydown		695,620	695,620	692,952	691,753		2,668		2,668		695,620				3,619	10/25/2041	1
31364C-5D-9	FNR 2013-28 ZJ Z SUP 3.000% 04/25/43		03/01/2020	Paydown		133,720	133,720	128,779	128,043		5,012		5,012		133,720				1,000	04/25/2043	1
31364D-GE-3	FNR 2013-31 ZN Z SUP 3.000% 04/25/43		03/01/2020	Paydown		241,505	241,505	199,027	197,349		44,127		44,127		241,505				1,529	04/25/2043	1
31364S-OR-0	FNR 2016-37 MJ EXCH SEQ 3.500% 08/25/43		03/01/2020	Paydown		134,670	134,670	142,624	139,604		(4,934)		(4,934)		134,670				825	08/25/2043	1
3136B1-U9-3	FNR 2018-40 PS INV PAC 6.129% 06/25/48		03/25/2020	Paydown		1,421,387	1,421,387	1,415,612	1,416,099		5,288		5,288		1,421,387				12,485	06/25/2048	1
31371L-JL-4	FN 255067 5.000% 01/01/24		03/01/2020	Paydown		1,494	1,494	1,476	1,481		13		13		1,494				12	01/01/2024	1
3137AC-T5-8	FHR 3902 MB PAC-1-11 4.500% 07/15/41		03/01/2020	Paydown		971,506	971,506	1,033,439	986,592		(15,086)		(15,086)		971,506				7,272	07/15/2041	1
3137AD-6J-1	FHR 3893 MZ Z SEQ 4.000% 07/15/41		03/01/2020	Paydown		654,797	654,797	640,240	648,953		5,844		5,844		654,797				3,787	07/15/2041	1
3137AE-CA-1	FHR 3912 GZ Z SEQ 4.000% 08/15/41		03/01/2020	Paydown		451,486	451,486	425,667	444,759		6,727		6,727		451,486				2,995	08/15/2041	1
3137AE-WJ-0	FHR 3928 DZ Z SEQ 4.000% 09/15/41		03/01/2020	Paydown		19,844	19,844	19,326	19,535		309		309		19,844				133	09/15/2041	1
3137AL-OD-4	FHR 4003 WZ Z SEQ 3.500% 02/15/42		03/01/2020	Paydown		1,535,349	1,535,349	1,465,558	1,509,919		25,430		25,430		1,535,349				6,412	02/15/2042	1
3137F3-MM-3	FHR 4763 SA SC 10 INV NTL PT 5.545% 09/15/38		01/10/2020	Paydown					124,761		(124,761)		(124,761)							09/15/2038	1
3137F3-MM-3	FHR 4763 SA SC 10 INV NTL PT 5.545% 09/15/38		03/15/2020	Paydown				628,208	505,138		(173,867)		(173,867)		331,271		(331,271)	(331,271)	20,240	09/15/2038	1
3137F3-MP-6	FHR 4763 SE SC 10 INV NTL PT 5.545% 03/15/37		03/15/2020	Paydown				590,878	488,195		(3,556)		(3,556)		484,639		(484,639)	(484,639)	17,851	03/15/2037	1
3137FG-AS-4	FHR 4806 SJ SC 10 INV NTL PT 5.545% 10/15/34		03/15/2020	Paydown				581,885	513,889		(513,889)		(513,889)						20,782	10/15/2034	1
3137FH-3A-9	FHR 4822 SA SC 10 INV NTL PT 5.545% 05/15/35		03/15/2020	Paydown				705,164	619,747		(4,063)		(4,063)		615,685		(615,685)	(615,685)	21,718	05/15/2035	1
3137FJ-CM-9	FHR 4829 SA SC 10 INV NTL PT 5.045% 07/15/37		03/15/2020	Paydown				739,456	645,571		(3,494)		(3,494)		642,077		(642,077)	(642,077)	23,954	07/15/2037	1
3137FJ-E5-4	FHR 4835 AS INV PT 7.190% 10/15/48		03/15/2020	Paydown		1,436,025	1,436,025	1,505,807	1,502,583		(66,557)		(66,557)		1,436,025		(66,557)	(66,557)	17,196	10/15/2048	1
3138EP-AQ-7	FN AL6314 4.000% 02/01/45		03/01/2020	Paydown		1,024,267	1,024,267	1,095,326	1,091,775		(67,507)		(67,507)		1,024,267				7,751	02/01/2045	1
3138ER-2H-2	FN AL9775 3.500% 01/01/47		03/01/2020	Paydown		2,153,087	2,153,087	2,219,026	2,215,155		(62,068)		(62,068)		2,153,087				12,437	01/01/2047	1
3138ER-QZ-6	FN AL9471 4.000% 12/01/46		03/01/2020	Paydown		1,791,250	1,791,250	1,915,518	1,909,874		(118,624)		(118,624)		1,791,250				12,881	12/01/2046	1
3138ER-YV-6	FN AL9723 3.500% 02/01/47		03/01/2020	Paydown		4,621,799	4,621,799	4,747,454	4,740,330		(118,531)		(118,531)		4,621,799				25,279	02/01/2047	1
3138MB-LL-8	FN AP7530 2.500% 09/01/27		03/01/2020	Paydown		3,657	3,657	3,898	3,792		(135)		(135)		3,657				14	09/01/2027	1
3138W6-5D-4	FN AR8943 2.500% 03/01/23		03/01/2020	Paydown		495	495	517	507		(12)		(12)		495				2	03/01/2023	1
3138WD-4Z-1	FN AS4439 4.000% 02/01/45		03/01/2020	Paydown		32,604	32,604	34,866	34,771		(2,167)		(2,167)		32,604				219	02/01/2045	1
3138WH-YT-3	FN AS7921 3.500% 09/01/46		03/01/2020	Paydown		4,098,396	4,098,396	4,193,811	4,188,176		(89,781)		(89,781)		4,098,396				25,181	09/01/2046	1
3138WJ-LS-5	FN AS8436 3.500% 12/01/46		03/01/2020	Paydown		1,535,443	1,535,443	1,573,337	1,571,154		(35,712)		(35,712)		1,535,443				6,710	12/01/2046	1
313920-A2-6	FNR 2001-42 ZG Z SEQ 6.500% 09/25/31		03/01/2020	Paydown		27,052	27,052	25,234	26,491		561		561		27,052				312	09/25/2031	1
313920-C7-3	FNR 2001-42 ZL Z SEQ 6.500% 09/25/31		03/01/2020	Paydown		17,022	17,022	15,713	16,674		348		348		17,022				176	09/25/2031	1
313920-LC-2	FNR 2001-36 Z Z SEQ 7.000% 08/25/31		03/01/2020	Paydown		25,852	25,852	24,862	25,539		313		313		25,852				257	08/25/2031	1
313921-7E-2	FNR 2001-78 D SEQ 6.000% 12/25/31		03/01/2020	Paydown		38,723	38,723	38,068	38,287		436		436		38,723				374	12/25/2031	1
313921-E5-3	FNR 2001-59 TE AD PAC-11 6.000% 11/25/31		03/01/2020	Paydown		27,898	27,898	27,715	27,723		175		175		27,898				371	11/25/2031	1
313921-ED-6	FNR 2001-54 PK PAC-11 6.500% 10/25/31		03/01/2020	Paydown		23,247	23,247	23,001	23,016		231		231		23,247				309	10/25/2031	1
313921-LF-3	FNR 2001-52 ZM Z SEQ 6.500% 10/25/31		03/01/2020	Paydown		18,543	18,543	16,964	18,139		405		405		18,543				197	10/25/2031	1
313921-MX-3	FNR 2001-52 HD AD PAC-11 6.500% 10/25/31		03/01/2020	Paydown		3,722	3,722	3,774	3,722		1		1		3,722				40	10/25/2031	1
313921-P7-7	FNR 2001-61 ZP Z PAC-11 6.500% 11/25/31		03/01/2020	Paydown		18,192	18,192	17,524	17,973		219		219		18,192				206	11/25/2031	1
313921-W9-5	FNR 2001-60 ZA Z SEQ 7.000% 11/25/31		03/01/2020	Paydown		154,635	154,635	153,524	153,704		931		931		154,635				1,661	11/25/2031	1
31392A-4Q-8	FNR 2001-69 PQ EXCH PAC 6.000% 12/25/31		03/01/2020	Paydown		63,866	63,866	63,351	63,467		399		399		63,866				599	12/25/2031	1
31392A-6Q-6	FNR 2001-82 Z Z 6.500% 01/25/32		03/01/2020	Paydown		33,145	33,145	30,866	32,532		612		612		33,145				366	01/25/2032	1
31392A-F3-7	FNR 2001-73 EZ Z PAC-11 SEQ SEG 6.000% 12/25/31		03/01/2020	Paydown		89,481	89,481	81,820	87,566		1,915		1,915		89,481				995	12/25/2031	1
31392A-FF-0	FNR 2001-64 ZG Z SEQ 6.000% 11/25/31		03/01/2020	Paydown		18,822	18,822	18,822	18,822		664		664		18,822				777	11/25/2031	1
31392A-G2-8	FNR 2001-73 PZ Z PAC-11 SEQ SEG 6.000% 12/25/31		03/01/2020	Paydown		224,420	224,420	198,331	218,426		5,995		5,995		224,420				2,495	12/25/2031	1
31392A-HX-9	FNR 2001-64 QH EXCH PAC 6.000% 11/25/31		03/01/2020	Paydown		73,359	73,359	72,379	72,436		923		923		73,359				841	11/25/2031	1
31392A-LS-5	FNR 2001-50 NZ Z PAC-11 6.000% 11/25/31</																				

STATEMENT AS OF MARCH 31, 2020 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
31392A-MP-0	FNR 2001-50 DZ Z PAC-11 6.500% 11/25/31		03/01/2020	Paydown		32,634	32,634	31,267	32,206		428		428		32,634			352		11/25/2031	1
31392A-PU-6	FNR 2001-74 PZ Z PAC-11 6.000% 12/25/31		03/01/2020	Paydown		345,481	345,481	314,460	338,042		7,439		7,439		345,481			3,610		12/25/2031	1
31392A-SN-9	FNR 2001-74 QE EXCH PAC 6.000% 12/25/31		03/01/2020	Paydown		33,392	33,392	33,027	33,150		242		242		33,392			349		12/25/2031	1
31392A-UP-1	FNR 2001-63 ZP Z PAC-11 6.000% 12/25/31		03/01/2020	Paydown		80,516	80,516	71,898	78,613		1,903		1,903		80,516			859		12/25/2031	1
31392A-WX-2	FNR 2001-71 PZ Z PAC-11 6.000% 12/25/31		03/01/2020	Paydown		69,610	69,610	64,302	68,161		1,448		1,448		69,610			826		12/25/2031	1
31392B-CT-1	FNR 2001-70 LZ Z PAC-11 6.000% 12/25/31		03/01/2020	Paydown		470,911	470,911	427,499	460,800		10,111		10,111		470,911			4,703		12/25/2031	1
31392B-EG-7	FNR 2001-70 PL EXCH PAC 6.000% 12/25/31		03/01/2020	Paydown		171,457	171,457	170,142	170,201		1,256		1,256		171,457			1,754		12/25/2031	1
31392B-FH-4	FNR 2001-70 GM EXCH SEQ 6.000% 12/25/31		03/01/2020	Paydown		60,691	60,691	59,978	60,039		652		652		60,691			532		12/25/2031	1
31392C-X7-4	FNR 2002-27 Z Z SEQ 6.000% 05/25/32		03/01/2020	Paydown		49,403	49,403	42,764	47,572		1,831		1,831		49,403			480		05/25/2032	1
31392C-YS-7	FNR 2002-32 QH PAC-11 6.500% 05/25/32		03/01/2020	Paydown		97,868	97,868	98,113	97,868						97,868			1,312		05/25/2032	1
31392D-EP-3	FNR 2002-35 BH PAC-11 6.500% 06/25/32		03/01/2020	Paydown		38,549	38,549	38,681	38,549						38,549			397		06/25/2032	1
31392E-2X-7	FNR 2002-62 QD PAC-11 5.500% 11/25/32		03/01/2020	Paydown		130,775	130,775	129,654	129,698		1,077		1,077		130,775			1,304		11/25/2032	1
31392E-EQ-9	FNR 2002-55 ZJ Z SEQ 6.000% 09/25/32		03/01/2020	Paydown		31,820	31,820	29,930	31,079		741		741		31,820			315		09/25/2032	1
31392E-FR-6	FNR 2002-55 OP EXCH PAC 6.000% 09/25/32		03/01/2020	Paydown		54,989	54,989	54,860	54,849		140		140		54,989			522		09/25/2032	1
31392E-N9-7	FNR 2002-64 Z Z SEQ 5.500% 10/25/32		03/01/2020	Paydown		43,375	43,375	40,257	42,198		1,176		1,176		43,375			402		10/25/2032	1
31392E-PC-8	FNR 2002-58 PG EXCH PAC-11 6.000% 09/25/32		03/01/2020	Paydown		76,970	76,970	76,970	76,970						76,970			671		09/25/2032	1
31392E-QH-6	FNR 2002-56 KZ Z SEQ 6.000% 09/25/32		03/01/2020	Paydown		99,499	99,499	90,171	97,010		2,489		2,489		99,499			1,286		09/25/2032	1
31392E-QW-3	FNR 2002-56 VZ Z SEQ 6.000% 09/25/32		03/01/2020	Paydown		56,139	56,139	52,525	54,900		1,239		1,239		56,139			514		09/25/2032	1
31392E-ZO-6	FNR 2002-63 BE PAC-11 6.000% 10/25/32		03/01/2020	Paydown		23,537	23,537	23,768	23,538		(1)		(1)		23,537			243		10/25/2032	1
31392F-F6-9	FNR 2002-84 PD PAC-11 5.500% 12/25/32		03/01/2020	Paydown		303,092	303,092	299,975	300,112		2,980		2,980		303,092			2,412		12/25/2032	1
31392F-JS-7	FNR 2002-73 QG EXCH PAC-11 5.500% 11/25/32		03/01/2020	Paydown		232,563	232,563	227,933	228,195		4,368		4,368		232,563			1,421		11/25/2032	1
31392F-QA-8	FNR 2002-74 ZC SC Z SEQ 6.000% 11/25/31		03/01/2020	Paydown		164,198	164,198	160,452	162,535		1,663		1,663		164,198			1,667		11/25/2031	1
31392F-VG-9	FNR 2002-86 JD PAC-11 5.500% 12/25/32		03/01/2020	Paydown		188,273	188,273	185,282	185,451		2,823		2,823		188,273			1,767		12/25/2032	1
31392F-W5-2	FNR 2002-82 AJ EXCH SEQ 5.500% 12/25/32		03/01/2020	Paydown		91,536	91,536	90,194	91,536		1,343		1,343		91,536			849		12/25/2032	1
31392F-WZ-6	FNR 2002-86 MB EXCH SEQ 5.500% 12/25/32		03/01/2020	Paydown		45,456	45,456	44,577	44,627		830		830		45,456			389		12/25/2032	1
31392F-X9-3	FNR 2002-82 QE EXCH PAC-11 5.500% 12/25/32		03/01/2020	Paydown		156,144	156,144	153,616	153,784		2,360		2,360		156,144			1,560		12/25/2032	1
31392G-AS-4	FNR 2002-81 ZB Z PAC-11 5.500% 12/25/32		03/01/2020	Paydown		403,449	403,449	409,501	403,449						403,449			3,208		12/25/2032	1
31392G-LG-8	FNR 2002-83 KB EXCH SEQ 5.500% 12/25/32		03/01/2020	Paydown		57,178	57,178	56,256	56,305		874		874		57,178			516		12/25/2032	1
31392G-SE-6	FNR 2002-93 CN EXCH PAC-11 5.500% 01/25/33		03/01/2020	Paydown		637,540	637,540	629,566	629,937		7,603		7,603		637,540			5,656		01/25/2033	1
31392H-DA-8	FNR 2002-92 QG EXCH PAC-11 5.500% 01/25/33		03/01/2020	Paydown		315,441	315,441	312,454	312,611		2,830		2,830		315,441			3,080		01/25/2033	1
31392H-DT-7	FNR 2002-97 PH PAC-11 5.500% 01/25/33		03/01/2020	Paydown		344,516	344,516	341,297	341,438		3,078		3,078		344,516			2,731		01/25/2033	1
31392H-ER-0	FNR 2002-97 CG PAC-11 5.500% 01/25/33		03/01/2020	Paydown		88,551	88,551	88,025	88,047		504		504		88,551			719		01/25/2033	1
31392H-JB-0	FNR 2002-95 MJ PAC-11 5.500% 01/25/33		03/01/2020	Paydown		308,142	308,142	303,508	303,763		4,379		4,379		308,142			2,684		01/25/2033	1
31392H-PZ-0	FNR 2003-11 BM EXCH SEQ 5.500% 02/25/33		03/01/2020	Paydown		50,554	50,554	49,780	49,819		735		735		50,554			511		02/25/2033	1
31392H-QW-6	FNR 2003-4 B SEQ 5.500% 02/25/33		03/01/2020	Paydown		553,866	553,866	545,530	546,005		7,861		7,861		553,866			5,962		02/25/2033	1
31392H-SL-8	FNR 2003-1 B SEQ 5.500% 02/25/33		03/01/2020	Paydown		143,201	143,201	141,244	141,348		1,853		1,853		143,201			1,327		02/25/2033	1
31392H-U7-6	FNR 2003-8 PG EXCH PAC-11 5.500% 02/25/33		03/01/2020	Paydown		315,527	315,527	312,308	312,602		2,925		2,925		315,527			2,946		02/25/2033	1
31392H-V6-7	FNR 2003-8 EY EXCH SEQ 5.500% 02/25/33		03/01/2020	Paydown		199,502	199,502	197,337	197,430		2,072		2,072		199,502			2,307		02/25/2033	1
31392H-V9-1	FNR 2003-8 ME EXCH SEQ 5.500% 02/25/33		03/01/2020	Paydown		204,928	204,928	203,065	203,138		1,790		1,790		204,928			1,607		02/25/2033	1
31392J-LN-7	FNR 2003-15 PG PAC-11 5.500% 03/25/33		03/01/2020	Paydown		168,554	168,554	164,865	165,063		3,491		3,491		168,554			1,363		03/25/2033	1
31392K-KC-9	FHR 2453 ZN Z SEQ 6.500% 05/15/32		03/01/2020	Paydown		14,261	14,261	13,183	13,957		305		305		14,261			155		05/15/2032	1
31392K-KG-0	FHR 2453 ZL Z SEQ 6.500% 05/15/32		03/01/2020	Paydown		41,105	41,105	38,652	40,441		664		664		41,105			447		05/15/2032	1
31392K-S2-3	FHR 2449 ZA Z SEQ 6.500% 05/15/32		03/01/2020	Paydown		202,670	202,670	190,193	198,486		4,184		4,184		202,670			2,052		05/15/2032	1
31392K-UP-9	FHR 2444 PH EXCH PAC-1-11 6.500% 05/15/32		03/01/2020	Paydown		104,951	104,951	104,430	104,418		533		533		104,951			1,274		05/15/2032	1
31392K-VN-3	FHR 2444 AZ Z SEQ 6.500% 05/15/32		03/01/2020	Paydown		45,384	45,384	42,717	44,670		714		714		45,384			530		05/15/2032	1
31392M-4X-7	FHR 2448 QN EXCH PAC-11 6.500% 05/15/32		03/01/2020	Paydown		109,451	109,451	110,392	109,497		(46)		(46)		109,451			1,543		05/15/2032	1
31392M-AF-9	FHR 2448 ZE Z SEQ 6.500% 05/15/32		03/01/2020	Paydown		356,799	356,799	332,938	350,495		6,304		6,304		356,799			3,561		05/15/2032	1
31392M-PM-8	FHR 2466 ZH Z SEQ 6.000% 06/15/32		03/01/2020	Paydown		48,153	48,153	47,461	47,857		295		295		48,153			421		06/15/2032	1
31392M-PN-6	FHR 2466 ZE Z SEQ 6.500% 06/15/32		03/01/2020	Paydown		27,890	27,890	26,121	27,386		504		504		27,890			303		06/15/2032	

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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
31392P-ED-3	FHR 2456 QZ Z SEQ 6.000% 06/15/32		03/01/2020	Paydown		65,002	65,002	58,948	63,195		1,806		1,806		65,002				680	06/15/2032	1
31392P-GS-8	FHR 2459 DZ Z SEQ 6.500% 06/15/32		03/01/2020	Paydown		58,086	58,086	54,365	57,164		923		923		58,086				625	06/15/2032	1
31392P-H7-3	FHR 2459 GV EXCH PAC-11 6.500% 06/15/32		03/01/2020	Paydown		62,056	62,056	62,056	62,056						62,056				623	06/15/2032	1
31392P-HM-0	FHR 2459 LZ Z SEQ 6.500% 06/15/32		03/01/2020	Paydown		23,765	23,765	22,302	23,335		430		430		23,765				313	06/15/2032	1
31392P-QK-4	FHR 2486 AL EXCH SEQ 6.000% 07/15/32		03/01/2020	Paydown		47,151	47,151	46,692	46,730		420		420		47,151				446	07/15/2032	1
31392P-SN-6	FHR 2484 NZ Z SEQ 6.500% 07/15/32		03/01/2020	Paydown		263,577	263,577	251,757	259,419		4,158		4,158		263,577				2,070	07/15/2032	1
31392P-ST-3	FHR 2476 GD SEQ 6.000% 07/15/32		03/01/2020	Paydown		5,936	5,936	5,925	5,924		.11		.11		5,936				54	07/15/2032	1
31392P-V2-8	FHR 2473 JZ Z SEQ 6.500% 07/15/32		03/01/2020	Paydown		84,737	84,737	80,421	83,396		1,341		1,341		84,737				929	07/15/2032	1
31392P-3H-2	FHR 2484 LZ Z SEQ 6.500% 07/15/32		03/01/2020	Paydown		271,176	271,176	258,973	267,009		4,166		4,166		271,176				3,589	07/15/2032	1
31392R-E3-1	FHR 2469 Z Z SEQ 6.000% 07/15/32		03/01/2020	Paydown		83,745	83,745	84,190	83,782		(37)		(37)		83,745				647	07/15/2032	1
31392R-TJ-0	FHR 2490 PR PAC-11 6.000% 08/15/32		03/01/2020	Paydown		37,803	37,803	37,577	37,588		215		215		37,803				401	08/15/2032	1
31392R-TQ-4	FHR 2490 Z Z SEQ 6.000% 08/15/32		03/01/2020	Paydown		93,157	93,157	84,307	90,616		2,541		2,541		93,157				914	08/15/2032	1
31392R-X7-1	FHR 2491 PZ Z PAC-11 6.000% 08/15/32		03/01/2020	Paydown		57,745	57,745	50,617	56,008		1,737		1,737		57,745				574	08/15/2032	1
31392R-Y8-8	FHR 2489 Z Z SEQ 6.000% 08/15/32		03/01/2020	Paydown		79,594	79,594	73,724	77,866		1,728		1,728		79,594				949	08/15/2032	1
31392T-7D-3	FHR 2485 BC EXCH SEQ 6.000% 08/15/32		03/01/2020	Paydown		26,903	26,903	26,605	26,751		152		152		26,903				269	08/15/2032	1
31392T-EQ-6	FHR 2480 PZ Z PAC-11 6.000% 08/15/32		03/01/2020	Paydown		182,378	182,378	154,338	176,519		5,859		5,859		182,378				1,804	08/15/2032	1
31392T-JG-3	FHR 2488 PR PAC-11 6.000% 08/15/32		03/01/2020	Paydown		30,967	30,967	30,902	30,901		.66		.66		30,967				313	08/15/2032	1
31392T-NU-7	FHR 2481 PG EXCH PAC-11 6.000% 08/15/32		03/01/2020	Paydown		85,145	85,145	84,572	84,602		543		543		85,145				840	08/15/2032	1
31392T-P2-7	FHR 2481 ZC Z SEQ 6.000% 08/15/32		03/01/2020	Paydown		142,024	142,024	132,437	138,843		3,181		3,181		142,024				1,382	08/15/2032	1
31392U-3A-0	FHR 2479 PG EXCH PAC-11 6.000% 08/15/32		03/01/2020	Paydown		118,373	118,373	117,438	117,485		888		888		118,373				1,239	08/15/2032	1
31392U-BC-7	FHR 2511 Z Z SEQ 5.500% 09/15/32		03/01/2020	Paydown		61,543	61,543	56,081	59,609		1,934		1,934		61,543				508	09/15/2032	1
31392U-P6-5	FHR 2503 JZ Z PAC-11 5.500% 09/15/32		03/01/2020	Paydown		254,082	254,082	232,485	249,118		4,963		4,963		254,082				2,353	09/15/2032	1
31392U-W6-7	FHR 2500 PG EXCH PAC-11 6.000% 09/15/32		03/01/2020	Paydown		180,129	180,129	182,141	180,402		(273)		(273)		180,129				1,704	09/15/2032	1
31392U-YH-8	FHR 2500 KC SEQ 6.000% 09/15/32		03/01/2020	Paydown		118,727	118,727	118,171	118,252		476		476		118,727				1,674	09/15/2032	1
31392V-3P-5	FHR 2494 HJ PAC-11 6.000% 09/15/32		03/01/2020	Paydown		116,824	116,824	119,014	117,302		(478)		(478)		116,824				1,082	09/15/2032	1
31392V-GQ-9	FHR 2497 JH EXCH PAC-11 6.000% 09/15/32		03/01/2020	Paydown		17,155	17,155	17,171	17,155						17,155				174	09/15/2032	1
31392V-JR-2	FHR 2509 ZG Z SEQ 5.500% 10/15/32		03/01/2020	Paydown		116,404	116,404	107,237	113,641		2,944		2,944		116,404				1,077	10/15/2032	1
31392V-JS-0	FHR 2509 TZ Z PAC-11 5.500% 10/15/32		03/01/2020	Paydown		309,082	309,082	277,594	301,647		7,435		7,435		309,082				2,796	10/15/2032	1
31392V-JU-5	FHR 2509 ZQ Z SEQ 5.500% 10/15/32		03/01/2020	Paydown		145,749	145,749	133,861	139,498		6,251		6,251		145,749				1,336	10/15/2032	1
31392V-JV-3	FHR 2509 ZE Z SEQ 6.000% 10/15/32		03/01/2020	Paydown		314,736	314,736	311,171	313,191		1,545		1,545		314,736				2,857	10/15/2032	1
31392V-LD-0	FHR 2509 QG PAC-11 5.500% 10/15/32		03/01/2020	Paydown		70,784	70,784	70,165	70,316		469		469		70,784				603	10/15/2032	1
31392V-MN-7	FHR 2515 BD SEQ 5.500% 10/15/32		03/01/2020	Paydown		30,833	30,833	30,408	30,434		399		399		30,833				373	10/15/2032	1
31392V-MT-4	FHR 2515 GE EXCH PAC-11 5.500% 10/15/32		03/01/2020	Paydown		93,303	93,303	91,210	91,338		1,965		1,965		93,303				992	10/15/2032	1
31392V-O3-7	FHR 2518 PG EXCH PAC-11 5.500% 10/15/32		03/01/2020	Paydown		130,572	130,572	129,491	129,582		1,020		1,020		130,572				921	10/15/2032	1
31392V-QU-7	FHR 2518 PZ Z PAC-11 5.500% 10/15/32		03/01/2020	Paydown		261,144	261,144	235,274	255,483		5,661		5,661		261,144				1,842	10/15/2032	1
31392V-TB-6	FHR 2510 PQ PAC-11 5.500% 10/15/32		03/01/2020	Paydown		173,537	173,537	172,431	172,488		1,049		1,049		173,537				1,833	10/15/2032	1
31392V-VR-8	FHR 2510 NZ Z SEQ 6.000% 10/15/32		03/01/2020	Paydown		255,639	255,639	253,162	254,333		1,306		1,306		255,639				2,446	10/15/2032	1
31392X-2H-0	FHR 2517 ZD Z SEQ 5.500% 10/15/32		03/01/2020	Paydown		46,504	46,504	43,322	45,503		1,002		1,002		46,504				384	10/15/2032	1
31392X-2K-3	FHR 2517 ZH Z SEQ 6.000% 10/15/32		03/01/2020	Paydown		83,115	83,115	82,310	82,682		433		433		83,115				775	10/15/2032	1
31392X-B7-2	FHR 2513 PZ Z PAC-11 6.000% 02/15/32		03/01/2020	Paydown		178,028	178,028	177,694	177,694		343		343		178,028				1,681	02/15/2032	1
31392X-CX-4	FHR 2513 GJ PAC-11 5.500% 10/15/32		03/01/2020	Paydown		31,693	31,693	31,298	31,321		373		373		31,693				336	10/15/2032	1
31392X-EY-2	FHR 2513 ZC Z SEQ 5.500% 10/15/32		03/01/2020	Paydown		52,108	52,108	48,013	50,887		1,221		1,221		52,108				494	10/15/2032	1
31392X-NF-1	FHR 2523 PH PAC-11 5.500% 11/15/32		03/01/2020	Paydown		69,681	69,681	69,021	69,056		625		625		69,681				565	11/15/2032	1
31392X-R5-9	FHR 2525 HC SEQ 5.500% 11/15/32		03/01/2020	Paydown		43,850	43,850	42,863	42,937		913		913		43,850				376	11/15/2032	1
31392X-RA-8	FHR 2525 BH PAC-11 5.500% 11/15/32		03/01/2020	Paydown		198,047	198,047	194,265	194,524		3,523		3,523		198,047				1,804	11/15/2032	1
31393A-E4-5	FNR 2003-24 MZ Z PAC-11 5.500% 04/25/33		03/01/2020	Paydown		292,901	292,901	241,186	275,495		17,406		17,406		292,901				1,993	04/25/2033	1
31393A-JG-3	FNR 2003-26 PD PAC-11 5.500% 04/25/33		03/01/2020	Paydown		155,195	155,195	160,700	156,082		(887)		(887)		155,195				1,098	04/25/2033	1
31393A-N4-5	FNR 2003-24 UY EXCH SEQ 5.000% 04/25/33		03/01/2020	Paydown		367,822	367,822	366,787	366,768		1,054		1,054		367,822				2,802	04/25/2033	1
31393A-QQ-3	FNR 2003-25 B SEQ 5.500% 04/25/33		03/01/2020	Paydown		161,606	161,606	160,191	160,321		1,285		1,285		161,606				1,647	04/25/2033	1
31393A-UD-7	FNR 2003-27 EK SEQ 5.000% 04/25/33		03/01/2020	Paydown		75,351	75,351	72,199	72,397		2,954		2,954		75,351				526	04/25/2033	1
31393A-VZ-7	FNR 2003-30 JE PAC-11 5.500% 04/25/33		03/01/2020	Paydown		219,860	219,860	219,654	219,586		274		274		219,860				2,335	04/25/2033	1
31393B-2B-0	FNR 2003-56 DA SEQ 5.500% 06/25/33		03/01/2020	Paydown		574,682	574,682	576,118	574,682						574,682				5,259	06/25/2033	1
31393B-3F-0	FNR 2003-51 PJ PAC-11 5.500% 06/25/33		03/01/2020	Paydown		280,334	280,334	273,377	273,734		6,600		6,600		280,334				3,040	06/25/2033	1
31393B-4S-1	FNR 2003-50 PH PAC-11 5.500% 06/25/33		03/01/2020	Paydown		373,615	373,615	364,872	364,800		8,785		8,785		373,615				3,428	06/25/2033	1
31393B-C5-2	FNR 2003-41 QD EXCH PAC-11 5.500% 05/25/33		03/01/2020	Paydown		99,260	99,260	99,260	99,260						99,260				908	05/25/2033	1
31393B-PH-2																					

STATEMENT AS OF MARCH 31, 2020 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
31393C-BM-4	FNR 2003-34 EW PAC-11 5.500% 05/25/33		03/01/2020	Paydown		238,602	238,602	236,961	237,201		1,400		1,400		238,602				2,466	05/25/2033	1
31393C-JB-0	FNR 2003-54 VZ Z SEQ 5.500% 06/25/33		03/01/2020	Paydown		473,129	473,129	427,738	465,672		7,457		7,457		473,129				3,945	06/25/2033	1
31393C-JJ-3	FNR 2003-54 Z Z SEQ 5.500% 06/25/33		03/01/2020	Paydown		504,037	504,037	419,926	490,215		13,823		13,823		504,037				4,631	06/25/2033	1
31393C-KE-2	FNR 2003-54 ON EXCH PAC-11 5.500% 06/25/33		03/01/2020	Paydown		45,051	45,051	42,939	43,067		1,985		1,985		45,051				416	06/25/2033	1
31393C-KP-7	FNR 2003-54 PH EXCH PAC-11 5.500% 06/25/33		03/01/2020	Paydown		60,458	60,458	58,726	58,826		1,632		1,632		60,458				560	06/25/2033	1
31393C-PX-5	FNR 2003-55 UE PAC-11 5.500% 06/25/33		03/01/2020	Paydown		99,355	99,355	98,000	98,063		1,292		1,292		99,355				908	06/25/2033	1
31393C-WJ-8	FNR 2003-46 PJ PAC-11 5.500% 06/25/33		03/01/2020	Paydown		627,558	627,558	634,814	627,740		(182)		(182)		627,558				5,115	06/25/2033	1
31393C-ZD-8	FNR 2003-46 MZ EXCH Z SEQ 6.000% 06/25/33		03/01/2020	Paydown		290,278	290,278	298,714	291,257		(979)		(979)		290,278				3,157	06/25/2033	1
31393D-AN-1	FNR 2003-70 BJ PAC-11 5.000% 07/25/33		03/01/2020	Paydown		457,968	457,968	462,953	458,704		(736)		(736)		457,968				3,957	07/25/2033	1
31393D-D6-5	FNR 2003-59 LB PAC-11 5.000% 08/25/33		03/01/2020	Paydown		288,272	288,272	285,980	288,272		2,292		2,292		288,272				2,784	08/25/2033	1
31393D-FC-0	FNR 2003-65 PE PAC-11 5.000% 07/25/33		03/01/2020	Paydown		198,065	198,065	202,800	199,519		(1,454)		(1,454)		198,065				1,683	07/25/2033	1
31393D-JH-5	FNR 2003-64 Z Z SEQ 5.500% 07/25/33		03/01/2020	Paydown		1,090,934	1,090,934	1,097,753	1,090,934						1,090,934				10,000	07/25/2033	1
31393D-KE-0	FNR 2003-64 ZC Z SEQ 5.000% 07/25/33		03/01/2020	Paydown		1,222,149	1,222,149	1,144,856	1,205,505		16,644		16,644		1,222,149				10,170	07/25/2033	1
31393D-M7-3	FNR 2003-80 ZC Z SEQ 5.000% 08/25/33		03/01/2020	Paydown		499,549	499,549	441,788	488,728		10,821		10,821		499,549				4,303	08/25/2033	1
31393D-SU-6	FNR 2003-63 QE PAC-11 5.000% 07/25/33		03/01/2020	Paydown		470,491	470,491	480,195	473,322		(2,831)		(2,831)		470,491				3,679	07/25/2033	1
31393D-UU-3	FNR 2003-70 3AS SEQ 4.299% 06/25/43		03/01/2020	Paydown		403,197	403,197	403,167	402,980		217		217		403,197				2,737	06/25/2043	1
31393D-ZK-0	FNR 2003-73 GC SEQ 5.000% 08/25/33		03/01/2020	Paydown		656,348	656,348	651,155	650,686		5,193		5,193		656,348				5,164	08/25/2033	1
31393E-BJ-7	FNR 2003-74 ZG Z SEQ 5.500% 08/25/33		03/01/2020	Paydown		395,933	395,933	359,556	389,665		6,268		6,268		395,933				3,104	08/25/2033	1
31393E-UK-6	FNR 2003-71 AC SEQ 5.000% 08/25/33		03/01/2020	Paydown		83,984	83,984	78,508	78,865		5,119		5,119		83,984				705	08/25/2033	1
31393E-RA-9	FNR 2003-91 BY SEQ 5.000% 09/25/33		03/01/2020	Paydown		549,252	549,252	523,569	524,990		24,262		24,262		549,252				4,089	09/25/2033	1
31393E-RA-9	FNR 2003-91 QE EXCH PAC-11 5.500% 09/25/33		03/01/2020	Paydown		220,171	220,171	214,335	214,646		5,525		5,525		220,171				1,906	09/25/2033	1
31393E-RJ-0	FNR 2003-83 Z Z SEQ 5.500% 09/25/33		03/01/2020	Paydown		258,969	258,969	211,060	243,893		15,076		15,076		258,969				2,346	09/25/2033	1
31393E-X8-7	FNR 2003-85 QD PAC-11 5.500% 09/25/33		03/01/2020	Paydown		311,620	311,620	293,605	306,144		5,476		5,476		311,620				2,868	09/25/2033	1
31393E-ZY-8	FNR 2003-94 PH PAC-11 5.500% 10/25/33		03/01/2020	Paydown		304,463	304,463	296,643	297,028		7,435		7,435		304,463				2,446	10/25/2033	1
31393F-5J-1	FHR 2522 B EXCH SEQ 5.500% 11/15/32		03/01/2020	Paydown		268,700	268,700	266,759	266,859		1,841		1,841		268,700				2,865	11/15/2032	1
31393F-B4-7	FHR 2519 BN EXCH SEQ 5.500% 11/15/32		03/01/2020	Paydown		72,609	72,609	71,861	72,153		456		456		72,609				649	11/15/2032	1
31393F-BW-5	FHR 2519 LE EXCH SEQ 5.500% 11/15/32		03/01/2020	Paydown		145,275	145,275	143,378	143,486		1,789		1,789		145,275				1,090	11/15/2032	1
31393F-FJ-0	FHR 2526 Z Z SEQ 5.500% 11/15/32		03/01/2020	Paydown		33,372	33,372	31,360	32,602		771		771		33,372				3,372	11/15/2032	1
31393F-H9-0	FHR 2527 ZW Z SEQ 5.500% 11/15/32		03/01/2020	Paydown		61,907	61,907	58,560	60,793		1,114		1,114		61,907				564	11/15/2032	1
31393F-NN-2	FHR 2532 C SEQ 5.500% 12/15/32		03/01/2020	Paydown		27,449	27,449	26,875	26,904		544		544		27,449				275	12/15/2032	1
31393F-PY-6	FHR 2544 TJ EXCH SEQ 5.500% 12/15/32		03/01/2020	Paydown		32,798	32,798	32,381	32,406		391		391		32,798				297	12/15/2032	1
31393F-PP-3	FHR 2544 PE PAC-11 5.500% 12/15/32		03/01/2020	Paydown		138,968	138,968	137,164	137,268		1,700		1,700		138,968				1,212	12/15/2032	1
31393F-VK-9	FHR 2534 BG PAC-11 5.500% 12/15/32		03/01/2020	Paydown		131,228	131,228	130,309	130,355		873		873		131,228				1,388	12/15/2032	1
31393G-3L-6	FHR 2531 Z Z SEQ 5.500% 12/15/32		03/01/2020	Paydown		496,479	496,479	476,309	490,353		6,126		6,126		496,479				4,260	12/15/2032	1
31393G-6C-3	FHR 2538 PG PAC-1-11 5.500% 12/15/32		03/01/2020	Paydown		138,252	138,252	136,534	136,630		1,622		1,622		138,252				1,266	12/15/2032	1
31393G-CB-8	FHR 2545 GD SEQ 5.500% 12/15/32		03/01/2020	Paydown		80,685	80,685	78,829	78,942		1,742		1,742		80,685				749	12/15/2032	1
31393G-DM-3	FHR 2545 BZ Z SEQ 5.500% 12/15/32		03/01/2020	Paydown		121,018	121,018	115,988	119,324		1,693		1,693		121,018				1,129	12/15/2032	1
31393G-E7-5	FHR 2545 DG PAC-11 5.500% 12/15/32		03/01/2020	Paydown		190,715	190,715	197,957	191,948		(1,233)		(1,233)		190,715				1,712	12/15/2032	1
31393G-JF-2	FHR 2542 PH PAC-11 5.500% 12/15/32		03/01/2020	Paydown		214,434	214,434	212,669	212,669		1,765		1,765		214,434				2,327	12/15/2032	1
31393G-LM-4	FHR 2545 PG EXCH PAC-11 5.500% 12/15/32		03/01/2020	Paydown		231,014	231,014	234,642	232,152		(1,138)		(1,138)		231,014				2,537	12/15/2032	1
31393G-VD-3	FHR 2533 GB EXCH SEQ 5.500% 12/15/32		03/01/2020	Paydown		101,142	101,142	99,532	99,632		1,510		1,510		101,142				999	12/15/2032	1
31393H-AQ-5	FHR 2543 TG EXCH PAC 5.500% 12/15/32		03/01/2020	Paydown		364,851	364,851	364,027	363,935		916		916		364,851				3,195	12/15/2032	1
31393H-EU-2	FHR 2543 PG EXCH PAC-11 5.500% 12/15/32		03/01/2020	Paydown		65,529	65,529	65,119	65,241		287		287		65,529				610	12/15/2032	1
31393H-GW-6	FHR 2543 YX EXCH PAC-1-11 6.000% 12/15/32		03/01/2020	Paydown		10,144	10,144	9,935	9,947		196		196		10,144				102	12/15/2032	1
31393H-KG-6	FHR 2563 PC PAC-1-11 5.500% 01/15/33		03/01/2020	Paydown		112,109	112,109	114,386	112,758		(649)		(649)		112,109				910	01/15/2033	1
31393H-TL-6	FHR 2548 OB SEQ 5.500% 01/15/33		03/01/2020	Paydown		95,911	95,911	94,575	94,656		1,256		1,256		95,911				852	01/15/2033	1
31393H-U8-3	FHR 2548 OM EXCH SEQ 5.500% 01/15/33		03/01/2020	Paydown		170,781	170,781	167,977	168,151		2,630		2,630		170,781				1,518	01/15/2033	1
31393H-XU-1	FHR 2550 AB EXCH SEQ 5.500% 01/15/33		03/01/2020	Paydown		110,982	110,982	109,572	109,668		1,314		1,314		110,982				1,093	01/15/2033	1
31393H-Z6-2	FHR 2550 PH PAC-11 5.500% 01/15/33		03/01/2020	Paydown		319,028	319,028	319,825	319,028</												

STATEMENT AS OF MARCH 31, 2020 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
31393K-7J-8	FHR 2567 PH PAC-1-11 5.500% 02/15/33		03/01/2020	Paydown		117,315	117,315	118,781	117,711		(396)		(396)		117,315				1,277	02/15/2033	1
31393K-AT-2	FHR 2576 CE PAC-1-11 5.500% 02/15/33		03/01/2020	Paydown		123,518	123,518	125,989	124,295		(777)		(777)		123,518				1,083	02/15/2033	1
31393K-BQ-7	FHR 2576 JZ Z SEQ 5.500% 02/15/33		03/01/2020	Paydown		51,155	51,155	49,157	50,406		749		749		51,155				462	02/15/2033	1
31393K-CJ-2	FHR 2576 PF PAC-1-11 5.500% 02/15/33		03/01/2020	Paydown		84,296	84,296	85,860	84,862		(566)		(566)		84,296				709	02/15/2033	1
31393K-DQ-5	FHR 2569 LB SEQ 5.500% 02/15/33		03/01/2020	Paydown		97,732	97,732	96,585	96,652		1,079		1,079		97,732				745	02/15/2033	1
31393K-MG-7	FHR 2570 LG EXCH SEQ 5.500% 02/15/33		03/01/2020	Paydown		348,349	348,349	345,694	345,835		2,514		2,514		348,349				3,398	02/15/2033	1
31393K-PB-5	FHR 2575 AY SEQ 5.500% 02/15/33		03/01/2020	Paydown		111,851	111,851	110,807	110,862		988		988		111,851				631	02/15/2033	1
31393K-ZK-4	FHR 2574 MD EXCH PAC-11 5.500% 02/15/33		03/01/2020	Paydown		746,072	746,072	758,109	748,370		(2,298)		(2,298)		746,072				5,931	02/15/2033	1
31393L-2Q-5	FHR 2574 PE EXCH PAC-11 5.500% 02/15/33		03/01/2020	Paydown		148,084	148,084	151,139	149,260		(1,176)		(1,176)		148,084				1,215	02/15/2033	1
31393L-AH-6	FHR 2571 NB EXCH SEQ 5.500% 02/15/33		03/01/2020	Paydown		73,589	73,589	72,821	72,860		729		729		73,589				616	02/15/2033	1
31393L-AM-5	FHR 2571 OK EXCH SEQ 5.500% 02/15/33		03/01/2020	Paydown		87,064	87,064	86,099	86,150		914		914		87,064				764	02/15/2033	1
31393L-DF-7	FHR 2577 PG PAC-11 5.500% 02/15/33		03/01/2020	Paydown		300,526	300,526	306,583	301,601		(1,075)		(1,075)		300,526				2,602	02/15/2033	1
31393L-JK-0	FHR 2564 GU EXCH SEQ 5.500% 02/15/33		03/01/2020	Paydown		92,440	92,440	91,293	91,357		1,083		1,083		92,440				805	02/15/2033	1
31393L-NP-4	FHR 2564 PT EXCH PAC-11 5.500% 02/15/33		03/01/2020	Paydown		39,832	39,832	39,938	39,832						39,832				419	02/15/2033	1
31393L-QD-8	FHR 2564 Z Z SEQ 5.500% 02/15/33		03/01/2020	Paydown		77,709	77,709	71,443	75,649		2,060		2,060		77,709				677	02/15/2033	1
31393L-Z9-7	FHR 2581 PH PAC-11 5.500% 03/15/33		03/01/2020	Paydown		426,297	426,297	423,301	423,549		2,748		2,748		426,297				3,564	03/15/2033	1
31393M-2W-0	FHR 2588 DE PAC-11 5.500% 03/15/33		03/01/2020	Paydown		67,304	67,304	68,534	67,663		(359)		(359)		67,304				710	03/15/2033	1
31393M-B3-4	FHR 2579 LZ EXCH Z SEQ 5.500% 03/15/33		03/01/2020	Paydown		124,377	124,377	114,893	119,988		4,389		4,389		124,377				1,089	03/15/2033	1
31393M-EG-2	FHR 2591 PD PAC-1-11 5.500% 03/15/33		03/01/2020	Paydown		355,363	355,363	356,030	355,363						355,363				3,054	03/15/2033	1
31393M-FM-8	FHR 2591 WD PAC-1-11 5.500% 03/15/33		03/01/2020	Paydown		315,061	315,061	312,206	313,916		1,145		1,145		315,061				2,813	03/15/2033	1
31393M-JB-5	FHR 2585 MG EXCH PAC-1-11 5.500% 03/15/33		03/01/2020	Paydown		425,804	425,804	420,149	420,470		5,334		5,334		425,804				5,092	03/15/2033	1
31393M-KB-6	FHR 2580 Z Z SEQ 5.500% 03/15/33		03/01/2020	Paydown		16,759	16,759	15,552	16,357		402		402		16,759				155	03/15/2033	1
31393M-NJ-6	FHR 2582 PG PAC-1-11 5.500% 03/15/33		03/01/2020	Paydown		271,011	271,011	272,906	271,282		(270)		(270)		271,011				2,430	03/15/2033	1
31393M-UB-5	FHR 2586 PH EXCH PAC-11 5.500% 03/15/33		03/01/2020	Paydown		131,347	131,347	131,347	131,281		66		66		131,347				1,198	03/15/2033	1
31393M-ZT-1	FHR 2583 PW PAC-11 5.500% 03/15/33		03/01/2020	Paydown		507,407	507,407	513,749	509,055		(1,649)		(1,649)		507,407				4,902	03/15/2033	1
31393N-5E-5	FHR 2589 Z Z SEQ 5.500% 03/15/33		03/01/2020	Paydown		330,943	330,943	315,767	315,825		15,119		15,119		330,943				3,260	03/15/2033	1
31393N-AH-2	FHR 2587 KG EXCH PAC-11 5.000% 03/15/33		03/01/2020	Paydown		97,049	97,049	94,334	94,485		2,564		2,564		97,049				800	03/15/2033	1
31393N-KJ-7	FHR 2590 PG EXCH PAC-11 5.500% 03/15/33		03/01/2020	Paydown		480,744	480,744	477,224	477,391		3,353		3,353		480,744				4,289	03/15/2033	1
31393N-LZ-0	FHR 2590 TG EXCH PAC-11 5.500% 03/15/33		03/01/2020	Paydown		240,654	240,654	242,697	241,282		(628)		(628)		240,654				1,740	03/15/2033	1
31393N-Y9-4	FHR 2596 ZL Z SEQ 5.000% 04/15/33		03/01/2020	Paydown		18,550	18,550	16,103	17,827		722		722		18,550				153	04/15/2033	1
31393P-2G-8	FHR 2608 PH PAC-11 5.500% 04/15/33		03/01/2020	Paydown		343,204	343,204	343,526	343,204						343,204				3,920	04/15/2033	1
31393P-AY-0	FHR 2604 YD PAC-11 5.500% 04/15/33		03/01/2020	Paydown		628,907	628,907	629,693	628,907						628,907				5,394	04/15/2033	1
31393P-EZ-3	FHR 2595 PH PAC-11 5.500% 04/15/33		03/01/2020	Paydown		473,234	473,234	469,685	469,840		3,394		3,394		473,234				4,854	04/15/2033	1
31393P-L3-6	FHR 2602 UE EXCH PAC-11 5.500% 04/15/33		03/01/2020	Paydown		504,677	504,677	520,357	510,596		(5,919)		(5,919)		504,677				4,983	04/15/2033	1
31393P-NF-7	FHR 2600 ME EXCH PAC-11 5.500% 04/15/33		03/01/2020	Paydown		412,136	412,136	412,393	412,136						412,136				3,675	04/15/2033	1
31393Q-2G-6	FHR 2594 QG EXCH PAC-11 5.000% 04/15/33		03/01/2020	Paydown		152,370	152,370	152,787	152,370						152,370				1,236	04/15/2033	1
31393Q-3H-3	FHR 2594 TZ Z PAC-11 5.500% 04/15/33		03/01/2020	Paydown		399,773	399,773	392,893	394,966		4,787		4,787		399,773				3,695	04/15/2033	1
31393Q-4E-9	FHR 2594 VZ Z SEQ 5.500% 04/15/33		03/01/2020	Paydown		603,035	603,035	495,431	581,729		21,306		21,306		603,035				5,063	04/15/2033	1
31393Q-QD-7	FHR 2614 ZN Z PAC-11 5.500% 05/15/33		03/01/2020	Paydown		330,995	330,995	333,064	330,995						330,995				3,294	05/15/2033	1
31393Q-VP-4	FHR 2618 PE PAC-11 5.500% 05/15/33		03/01/2020	Paydown		235,443	235,443	241,100	237,892		(2,449)		(2,449)		235,443				2,097	05/15/2033	1
31393Q-WE-8	FHR 2618 Z Z SEQ 5.500% 05/15/33		03/01/2020	Paydown		85,793	85,793	71,958	81,546		4,247		4,247		85,793				791	05/15/2033	1
31393R-EJ-5	FHR 2613 GP PAC-11 5.500% 05/15/33		03/01/2020	Paydown		236,772	236,772	240,102	238,049		(1,277)		(1,277)		236,772				2,525	05/15/2033	1
31393T-DE-3	FNR 2003-89 DE PAC-11 5.000% 09/25/33		03/01/2020	Paydown		504,677	504,677	450,898	491,061		13,617		13,617		504,677				4,927	09/25/2033	1
31393T-PN-0	FNR 2003-97 WD EXCH PAC-11 6.000% 10/25/33		03/01/2020	Paydown		46,838	46,838	47,497	46,977		(139)		(139)		46,838				470	10/25/2033	1
31393U-CY-7	FNR 2003-121 ZA Z SEQ 6.000% 12/25/33		03/01/2020	Paydown		278,279	278,279	268,452	273,980		4,298		4,298		278,279				2,733	12/25/2033	1
31393V-5Q-0	FHR 2627 UE PAC-11 5.000% 06/15/33		03/01/2020	Paydown		432,494	432,494	436,802	433,806		(1,313)		(1,313)		432,494				3,718	06/15/2033	1
31393V-DY-4	FHR 2632 PE PAC-11 5.000% 06/15/33		03/01/2020	Paydown		413,358	413,358	416,329	414,165		(806)		(806)		413,358				2,954	06/15/2033	1
31393V-HY-0	FHR 2626 PE PAC-11 5.000% 06/15/33		03/01/2020	Paydown		406,701	406,701	384,367	385,780		20,921		20,921		406,701				3,452	06/15/2033	1
31393W-2U-2	FHR 2650 BM PAC-11 5.000% 07/15/33		03/01/2020	Paydown		211,695	211,695	200,780	209,396		2,299		2,299		211,695				1,509	07/15/2033	1
31393W-2V-0																					

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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
31393Y-Y4-1	FNW 2004-W6 M MEZ CSTR NAS 5.511% 07/25/34		02/01/2020	Paydown		32,966	32,966	11,697	11,697		21,289		21,289		32,966				303	07/25/2034	6*
31394A-XL-5	FNGT 2004-T4 A8 AFC SEQ PT AS 5.650% 08/25/34		03/01/2020	Paydown		349,624	349,624	334,964	336,365		13,258		13,258		349,624				2,503	08/25/2034	1
31394B-3L-6	FNR 2005-11 PG EXCH PAC-11 5.500% 02/25/35		03/01/2020	Paydown		609,429	609,429	617,618	610,183		(754)		(754)		609,429				5,217	02/25/2035	1
31394B-GT-5	FNR 2004-79 B EXCH SEQ 5.000% 11/25/34		03/01/2020	Paydown		525,697	525,697	507,394	508,513		17,185		17,185		525,697				4,469	11/25/2034	1
31394B-L4-4	FNR 2004-100 HG EXCH PAC-11 5.000% 01/25/35		03/01/2020	Paydown		180,492	180,492	176,213	176,448		4,044		4,044		180,492				1,663	01/25/2035	1
31394B-R3-0	FNR 2004-99 PB EXCH PAC-11 5.500% 01/25/35		03/01/2020	Paydown		544,333	544,333	547,565	543,761		572		572		544,333				5,072	01/25/2035	1
31394B-RU-0	FNR 2004-92 BE EXCH SEQ 5.000% 12/25/34		03/01/2020	Paydown		148,551	148,551	142,669	143,013		5,539		5,539		148,551				1,091	12/25/2034	1
31394B-V9-2	FNR 2004-95 LZ Z SEQ 5.000% 01/25/35		03/01/2020	Paydown		347,521	347,521	288,877	335,547		11,974		11,974		347,521				2,933	01/25/2035	1
31394D-YS-3	FNR 2005-52 PV EXCH SC PT 5.500% 05/25/35		03/01/2020	Paydown		1,714,928	1,714,928	1,734,489	1,718,970		(4,042)		(4,042)		1,714,928				15,858	05/25/2035	1
31394D-ZS-2	FNR 2005-48 OE PAC-11 5.500% 06/25/35		03/01/2020	Paydown		539,573	539,573	546,023	539,871		(298)		(298)		539,573				4,843	06/25/2035	1
31394E-CV-8	FNR 2005-58 PZ Z PAC-11 5.500% 07/25/35		03/01/2020	Paydown		452,019	452,019	430,279	444,162		7,857		7,857		452,019				4,998	07/25/2035	1
31394E-R2-6	FNR 2005-69 KG EXCH PAC-11 5.500% 08/25/35		03/01/2020	Paydown		607,595	607,595	613,072	607,598		(3)		(3)		607,595				5,454	08/25/2035	1
31394E-UP-1	FNR 2005-59 PE EXCH PAC-11 5.500% 07/25/35		03/01/2020	Paydown		799,862	799,862	813,297	801,357		(1,495)		(1,495)		799,862				8,036	07/25/2035	1
31394F-YG-4	FNR 2005-96 UD EXCH SEQ 5.500% 10/25/35		03/01/2020	Paydown		313,455	313,455	302,108	302,685		10,770		10,770		313,455				2,435	10/25/2035	1
31394G-HV-8	FHR 2649 OE EXCH PAC-11 5.000% 07/15/33		03/01/2020	Paydown		361,733	361,733	351,278	351,901		9,832		9,832		361,733				2,703	07/15/2033	1
31394H-4G-3	FHR 2662 PJ PAC-11 5.500% 08/15/33		03/01/2020	Paydown		59,468	59,468	58,690	58,734		734		734		59,468				541	08/15/2033	1
31394J-A9-8	FHR 2678 ZD Z SEQ 5.500% 09/15/33		03/01/2020	Paydown		226,297	226,297	205,223	220,159		6,138		6,138		226,297				1,745	09/15/2033	1
31394J-C2-1	FHR 2670 QH PAC-11 5.500% 09/15/33		03/01/2020	Paydown		161,035	161,035	160,034	160,078		957		957		161,035				1,384	09/15/2033	1
31394J-KA-4	FHR 2673 PE EXCH PAC-11 5.500% 09/15/33		03/01/2020	Paydown		587,703	587,703	582,619	582,869		4,834		4,834		587,703				4,956	09/15/2033	1
31394J-N3-7	FHR 2676 LH PAC-11 5.000% 09/15/33		03/01/2020	Paydown		589,427	589,427	566,457	567,817		21,610		21,610		589,427				5,790	09/15/2033	1
31394J-U6-2	FHR 2677 MG EXCH PAC-11 5.000% 09/15/33		03/01/2020	Paydown		119,506	119,506	112,892	113,251		6,255		6,255		119,506				1,032	09/15/2033	1
31394K-AQ-7	FHR 2687 PZ Z PAC-11 SEQ 5.500% 10/15/33		03/01/2020	Paydown		469,585	469,585	423,507	460,722		8,863		8,863		469,585				4,070	10/15/2033	1
31394K-MX-9	FHR 2686 JL PAC-11 5.500% 10/15/33		03/01/2020	Paydown		348,868	348,868	344,152	344,403		4,464		4,464		348,868				3,196	10/15/2033	1
31394K-Q2-3	FHR 2686 WZ Z PAC-11 5.500% 10/15/33		03/01/2020	Paydown		413,113	413,113	373,867	404,048		9,065		9,065		413,113				3,787	10/15/2033	1
31394K-YL-2	FHR 2692 PE EXCH PAC-11 5.500% 10/15/33		03/01/2020	Paydown		415,670	415,670	408,275	408,681		6,989		6,989		415,670				3,913	10/15/2033	1
31394L-6Z-0	FHR 2695 BH PAC-11 4.500% 10/15/33		03/01/2020	Paydown		1,509,258	1,509,258	1,293,953	1,454,019		55,239		55,239		1,509,258				10,139	10/15/2033	1
31394L-DW-9	FHR 2691 LG EXCH PAC-11 5.500% 10/15/33		03/01/2020	Paydown		161,605	161,605	158,264	158,450		3,155		3,155		161,605				1,501	10/15/2033	1
31394L-JA-1	FHR 2691 ZJ Z SEQ 5.000% 10/15/33		03/01/2020	Paydown		221,473	221,473	205,661	205,661		15,812		15,812		221,473				1,945	10/15/2033	1
31394L-LH-3	FHR 2694 PG PAC-11 5.500% 10/15/33		03/01/2020	Paydown		222,611	222,611	218,600	218,825		3,786		3,786		222,611				1,844	10/15/2033	1
31394L-PA-8	FHR 2701 QH PAC-11 5.500% 11/15/33		03/01/2020	Paydown		108,274	108,274	107,868	107,892		382		382		108,274				1,062	11/15/2033	1
31394L-TV-4	FHR 2707 MG EXCH PAC-11 5.500% 11/15/33		03/01/2020	Paydown		528,000	528,000	522,335	522,637		5,363		5,363		528,000				3,860	11/15/2033	1
31394M-3B-4	FHR 2705 PE PAC-11 5.500% 11/15/33		03/01/2020	Paydown		213,106	213,106	211,341	211,418		1,688		1,688		213,106				2,351	11/15/2033	1
31394M-DB-3	FHR 2702 EN PAC-11 5.500% 11/15/33		03/01/2020	Paydown		233,579	233,579	231,665	231,749		1,830		1,830		233,579				2,587	11/15/2033	1
31394N-4X-3	FHR 2713 EJ EXCH PAC-11 5.500% 12/15/33		03/01/2020	Paydown		694,586	694,586	686,533	686,918		7,669		7,669		694,586				4,926	12/15/2033	1
31394N-E6-1	FHR 2718 PE EXCH PAC-11 5.500% 12/15/33		03/01/2020	Paydown		394,793	394,793	393,191	393,236		1,557		1,557		394,793				3,224	12/15/2033	1
31394N-G4-4	FHR 2718 ZM Z SEQ 5.500% 12/15/33		03/01/2020	Paydown		288,802	288,802	245,482	277,455		11,348		11,348		288,802				3,078	12/15/2033	1
31394N-P3-6	FHR 2727 Z SC Z PT 5.500% 11/15/33		03/01/2020	Paydown		297,041	297,041	248,684	275,817		21,223		21,223		297,041				2,998	11/15/2033	1
31394N-RG-5	FHR 2735 OH PAC-11 5.000% 01/15/34		03/01/2020	Paydown		200,358	200,358	195,951	196,202		4,155		4,155		200,358				1,755	01/15/2034	1
31394N-RQ-3	FHR 2735 PH PAC-11 5.500% 01/15/34		03/01/2020	Paydown		248,868	248,868	246,943	247,026		1,842		1,842		248,868				2,136	01/15/2034	1
31394P-3R-2	FHR 2740 PE PAC-11 5.500% 01/15/34		03/01/2020	Paydown		277,177	277,177	271,503	271,503		5,607		5,607		277,177				2,341	01/15/2034	1
31394P-BQ-5	FHR 2731 PH PAC-11 5.000% 01/15/34		03/01/2020	Paydown		394,794	394,794	385,783	386,330		8,464		8,464		394,794				3,205	01/15/2034	1
31394P-VQ-3	FHR 2743 OG PAC-11 5.000% 02/15/34		03/01/2020	Paydown		357,748	357,748	350,953	351,368		6,379		6,379		357,748				2,938	02/15/2034	1
31394P-YT-5	FHR 2756 Z Z SEQ 5.500% 02/15/34		03/01/2020	Paydown		128,809	128,809	108,441	121,647		7,161		7,161		128,809				1,185	02/15/2034	1
31394R-NP-0	FHR 2752 MZ EXCH Z SEQ 5.500% 02/15/34		03/01/2020	Paydown		520,202	520,202	451,779	495,820		24,381		24,381		520,202				4,601	02/15/2034	1
31394R-NU-9	FHR 2752 XY EXCH SEQ 5.500% 02/15/34		03/01/2020	Paydown		795,622	795,622	795,622	795,622						795,622				7,196	02/15/2034	1
31394R-ZC-6	FHR 2769 GH PAC-11 5.000% 03/15/34		03/01/2020	Paydown		429,316	429,316	423,671	423,974		5,342		5,342		429,316				3,428	03/15/2034	1
31394U-BU-1	FNR 2005-120 Z Z SEQ 5.500% 01/25/36		03/01/2020	Paydown		304,732	304,732	281,877	296,132		8,600		8,600		304,732				2,748	01/25/2036	1
31394U-X6-4	FNR 2005-110 TC SEQ 5.500% 12/25/35		03/01/2020	Paydown		87,535	87,535	85,591	85,703		1,832		1,832		87,535				749	12/25/2035	1

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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
31394Y-9E-4	FHR 2783 ME PAC-11 5.500% 04/15/34		03/01/2020	Paydown		167,266	167,266	164,498	164,647		2,618		2,618		167,266				1,943	04/15/2034	1
31394Y-2B-9	FHR 2800 DZ Z SEQ 5.500% 05/15/34		03/01/2020	Paydown		77,078	77,078	64,288	72,063		5,015		5,015		77,078				564	05/15/2034	1
31394Y-C9-3	FHR 2792 PE PAC-11 5.500% 05/15/34		03/01/2020	Paydown		55,458	55,458	55,087	55,103		355		355		55,458				600	05/15/2034	1
31394Y-NF-7	FHR 2802 LC SEQ 5.500% 05/15/34		03/01/2020	Paydown		10,728	10,728	10,500	10,525		204		204		10,728				98	05/15/2034	1
31394Y-PL-2	FHR 2802 PB EXCH PAC-1-11 5.500% 05/15/34		03/01/2020	Paydown		976,245	976,245	940,055	965,946		10,299		10,299		976,245				9,781	05/15/2034	1
31395A-3H-6	FHR 2805 VZ Z SEQ 5.500% 06/15/34		03/01/2020	Paydown		147,684	147,684	122,947	140,282		7,402		7,402		147,684				1,486	06/15/2034	1
31395A-3X-1	FHR 2813 QZ Z SEQ 7.500% 02/15/34		03/01/2020	Paydown		113,351	113,351	122,136	114,699		(1,348)		(1,348)		113,351				1,330	02/15/2034	1
31395A-5K-7	FHR 2809 GJ PAC-1-11 6.000% 06/15/34		03/01/2020	Paydown		167,732	167,732	165,865	165,968		1,765		1,765		167,732				1,477	06/15/2034	1
31395A-AB-1	FHR 2816 ZH Z SEQ 6.000% 06/15/34		03/01/2020	Paydown		481,889	481,889	442,284	472,818		9,071		9,071		481,889				4,644	06/15/2034	1
31395A-BS-3	FHR 2814 ZA Z SEQ 5.500% 06/15/34		03/01/2020	Paydown		448,403	448,403	372,314	424,280		24,123		24,123		448,403				4,140	06/15/2034	1
31395A-DF-9	FHR 2806 ZV Z SEQ 7.500% 11/15/33		03/01/2020	Paydown		310,729	310,729	342,627	315,993		(5,265)		(5,265)		310,729				4,078	11/15/2033	1
31395A-EU-5	FHR 2808 BE PAC-11 5.500% 06/15/34		03/01/2020	Paydown		78,482	78,482	77,709	77,709		773		773		78,482				714	06/15/2034	1
31395A-LJ-2	FHR 2810 ZA Z SEQ 7.500% 11/15/33		03/01/2020	Paydown		80,937	80,937	89,031	82,311		(1,374)		(1,374)		80,937				1,062	11/15/2033	1
31395A-PF-6	FHR 2807 VZ Z SUP 6.000% 06/15/34		03/01/2020	Paydown		971,466	971,466	978,903	972,197		(732)		(732)		971,466				9,976	06/15/2034	1
31395A-Q2-4	FHR 2804 ED PAC-11 5.500% 06/15/34		03/01/2020	Paydown		235,398	235,398	234,810	234,870		528		528		235,398				2,176	06/15/2034	1
31395B-C5-0	FNR 2006-22 ZA Z SEQ 5.500% 04/25/36		03/01/2020	Paydown		263,161	263,161	241,573	255,074		8,086		8,086		263,161				2,591	04/25/2036	1
31395B-F8-1	FNR 2006-26 KZ Z SEQ 6.000% 04/25/36		03/01/2020	Paydown		51,228	51,228	50,051	50,653		575		575		51,228				492	04/25/2036	1
31395C-FC-0	FHR 2820 PH EXCH PAC-1-11 5.500% 07/15/34 FNR 2006-31 PE EXCH PAC-11 5.500% 05/25/36		03/01/2020	Paydown		309,467	309,467	308,694	308,703		764		764		309,467				3,285	07/15/2034	1
31395D-AY-5	FNR 2006-29 PD EXCH PAC-11 5.500% 05/25/36		03/01/2020	Paydown		243,408	243,408	237,094	237,399		6,009		6,009		243,408				2,245	05/25/2036	1
31395D-ET-2	FNR 2006-29 PL EXCH PAC-11 6.000% 05/25/36		03/01/2020	Paydown		569,390	569,390	541,276	560,755		8,635		8,635		569,390				4,816	05/25/2036	1
31395D-EV-7	FNR 2006-33 PH EXCH PAC-11 6.000% 05/25/36		03/01/2020	Paydown		236,516	236,516	234,469	234,507		2,010		2,010		236,516				2,320	05/25/2036	1
31395D-KN-8	FNR 2006-35 GE PAC-11 6.000% 05/25/36		03/01/2020	Paydown		112,258	112,258	112,959	112,386		(129)		(129)		112,258				988	05/25/2036	1
31395D-SF-7	FNR 2006-51 LB SEQ 6.000% 06/25/36		03/01/2020	Paydown		401,369	401,369	395,590	395,729		5,640		5,640		401,369				2,791	05/25/2036	1
31395D-U8-0	FNR 2006-51 LB SEQ 6.000% 06/25/36		03/01/2020	Paydown		109,678	109,678	107,306	107,385		2,293		2,293		109,678				1,440	06/25/2036	1
31395D-V7-1	FNR 2006-51 PD PAC-11 5.500% 06/25/36		03/01/2020	Paydown		594,674	594,674	580,319	581,075		13,599		13,599		594,674				5,915	06/25/2036	1
31395D-ZF-9	FNR 2006-55 KZ Z SEQ 6.000% 06/25/36 FNR 2006-55 PE EXCH PAC-11 6.000% 06/25/36		03/01/2020	Paydown		27,112	27,112	25,062	26,139		974		974		27,112				271	06/25/2036	1
31395D-ZP-7	FHR 2845 MZ Z SEQ 5.000% 08/15/34		03/01/2020	Paydown		169,396	169,396	167,614	167,660		1,736		1,736		169,396				1,691	06/25/2036	1
31395E-DN-4	FHR 2845 MZ Z SEQ 5.000% 08/15/34		03/01/2020	Paydown		181,799	181,799	149,871	172,142		9,657		9,657		181,799				1,446	08/15/2034	1
31395E-K6-3	FHR 2833 JG PAC-11 5.500% 08/15/34		03/01/2020	Paydown		251,972	251,972	250,511	250,560		1,411		1,411		251,972				2,144	08/15/2034	1
31395E-QL-4	FHR 2840 NG EXCH PAC-1-11 5.500% 08/15/34		03/01/2020	Paydown		183,993	183,993	182,132	182,217		1,776		1,776		183,993				1,696	08/15/2034	1
31395E-RK-5	FHR 2840 ZH Z SEQ 5.000% 08/15/34		03/01/2020	Paydown		79,086	79,086	66,828	75,202		3,884		3,884		79,086				582	08/15/2034	1
31395E-TJ-6	FHR 2841 PE PAC-11 5.500% 08/15/34		03/01/2020	Paydown		239,701	239,701	237,719	237,803		1,898		1,898		239,701				2,117	08/15/2034	1
31395F-FY-5	FHR 2859 PG PAC-11 5.500% 09/15/34		03/01/2020	Paydown		110,702	110,702	110,148	110,182		519		519		110,702				1,013	09/15/2034	1
31395F-JH-8	FHR 2854 PH PAC-1-11 5.500% 09/15/34		03/01/2020	Paydown		515,670	515,670	513,736	513,864		1,806		1,806		515,670				2,806	09/15/2034	1
31395F-QD-9	FHR 2858 JP PAC-11 5.500% 09/15/34		03/01/2020	Paydown		882,641	882,641	876,675	876,911		5,731		5,731		882,641				7,466	09/15/2034	1
31395F-WC-4	FHR 2856 PE PAC-11 5.500% 09/15/34		03/01/2020	Paydown		307,066	307,066	305,944	305,970		1,096		1,096		307,066				3,365	09/15/2034	1
31395G-LX-8	FHR 2878 Z Z SEQ 5.000% 10/15/34		03/01/2020	Paydown		440,898	440,898	383,581	421,793		19,105		19,105		440,898				4,038	10/15/2034	1
31395G-P2-2	FHR 2867 LH EXCH PAC-1 5.500% 10/15/34		03/01/2020	Paydown		272,886	272,886	273,568	272,886						272,886				2,385	10/15/2034	1
31395G-W4-0	FHR 2873 MG PAC-11 5.500% 10/15/34		03/01/2020	Paydown		179,043	179,043	178,596	178,601		442		442		179,043				1,657	10/15/2034	1
31395H-EB-2	FHR 2875 ME PAC-11 5.500% 10/15/34		03/01/2020	Paydown		305,391	305,391	308,159	306,132		(741)		(741)		305,391				2,777	10/15/2034	1
31395H-TU-4	FHR 2894 QE EXCH PAC-11 5.500% 11/15/34		03/01/2020	Paydown		158,973	158,973	159,370	158,973						158,973				1,362	11/15/2034	1
31395H-UQ-1	FHR 2894 Z Z SEQ 5.000% 11/15/34		03/01/2020	Paydown		188,844	188,844	160,045	179,513		9,331		9,331		188,844				1,405	11/15/2034	1
31395H-YK-0	FHR 2887 PH PAC-11 5.500% 11/15/34		03/01/2020	Paydown		223,344	223,344	222,785	222,792		552		552		223,344				2,006	11/15/2034	1
31395H-ZD-5	FHR 2886 AZ Z SEQ 5.000% 11/15/34		03/01/2020	Paydown		348,875	348,875	293,218	332,558		16,317		16,317		348,875				3,700	11/15/2034	1
31395J-7D-2	FHR 2881 HG PAC-11 5.500% 11/15/34		03/01/2020	Paydown		221,832	221,832	220,371	220,427		1,405		1,405		221,832				2,046	11/15/2034	1
31395J-BB-1	FHR 2881 TG EXCH PAC-1-11 5.000% 11/15/34		03/01/2020	Paydown		275,819	275,819	270,996	271,245		4,574		4,574		275,819				2,345	11/15/2034	1
31395J-C8-7	FHR 2883 BZ Z SEQ 5.000% 11/15/34		03/01/2020	Paydown		79,254	79,254	67,923	75,253		4,001		4,001		79,254				603	11/15/2034	1
31395J-D3-7	FHR 2883 KZ Z SEQ 5.000% 11/15/34		03/01/2020	Paydown		264,070	264,070	225,243	250,035		14,035		14,035		264,070				2,103	11/15/2034	1
31395J-U2-0	FHR 2890 ZA Z SEQ 5.000% 11/15/34		03/01/2020	Paydown																	

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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
31395N-NK-2	FHR 2922 GB PAC-11 5.500% 02/15/35		03/01/2020	Paydown		334	334	329	332				2		334				5	02/15/2035	1
31395N-3A-3	FNR 2006-61 PW PAC-11 6.000% 07/25/36		03/01/2020	Paydown		81,673	81,673	80,599	80,637		1,036		1,036		81,673				828	07/25/2036	1
31395N-4L-8	FNR 2006-61 PN PAC-11 6.000% 07/25/36		03/01/2020	Paydown		80,829	80,829	80,526	80,525		304		304		80,829				721	07/25/2036	1
31395N-C3-9	FNR 2006-58 DZ Z PAC-11 6.000% 07/25/36		03/01/2020	Paydown		130,776	130,776	129,509	129,926		850		850		130,776				1,305	07/25/2036	1
	FNR 2006-44 PH EXCH PAC-11 6.000% 06/25/36																				
31395N-CS-4			03/01/2020	Paydown		92,824	92,824	92,853	92,824						92,824				1,177	06/25/2036	1
31395N-GE-1	FNR 2006-45 AN SEQ 6.000% 06/25/26		03/01/2020	Paydown		130,679	130,679	129,413	129,770		909		909		130,679				1,248	06/25/2026	1
31395N-N8-6	FNR 2006-66 MZ Z SEQ 6.500% 07/25/36		03/01/2020	Paydown		61,072	61,072	60,263	60,619		453		453		61,072				661	07/25/2036	1
	FNR 2006-60 PE EXCH PAC-11 6.000% 07/25/36																				
31395N-VC-8			03/01/2020	Paydown		74,929	74,929	73,322	73,464		1,465		1,465		74,929				707	07/25/2036	1
31395P-XD-9	FHR 2950 OQ EXCH PAC-11 5.500% 03/15/35		03/01/2020	Paydown		352,215	352,215	348,631	348,785		3,430		3,430		352,215				2,540	03/15/2035	1
31395R-SE-9	FHR 2968 PG EXCH PAC-1-11 5.500% 04/15/35		03/01/2020	Paydown		219,867	219,867	220,829	219,912		(45)		(45)		219,867				2,098	04/15/2035	1
31395T-DG-6	FHR 2958 MG PAC-11 5.500% 04/15/35		03/01/2020	Paydown		170,554	170,554	169,809	169,825		729		729		170,554				1,564	04/15/2035	1
31395T-U9-3	FHR 2983 PE EXCH PAC-1-11 5.500% 05/15/35		03/01/2020	Paydown		488,204	488,204	488,509	488,204						488,204				3,922	05/15/2035	1
31395T-W8-3	FHR 2970 WL PAC-1-11 5.500% 05/15/35		03/01/2020	Paydown		273,752	273,752	271,580	271,672		2,080		2,080		273,752				2,573	05/15/2035	1
31395U-7A-3	FHR 2981 PE PAC-11 5.500% 05/15/35		03/01/2020	Paydown		347,339	347,339	344,652	344,762		2,577		2,577		347,339				2,784	05/15/2035	1
31395U-CL-3	FHR 2975 PM PAC-11 5.500% 05/15/35		03/01/2020	Paydown		311,818	311,818	316,641	313,126		(1,308)		(1,308)		311,818				2,395	05/15/2035	1
31395U-E2-3	FHR 2980 LE EXCH PAC-11 5.500% 05/15/35		03/01/2020	Paydown		470,629	470,629	469,654	469,651		977		977		470,629				4,602	05/15/2035	1
31395U-J3-6	FHR 2971 KU EXCH PAC-11 5.500% 05/15/35		03/01/2020	Paydown		386,315	386,315	387,523	386,315						386,315				3,182	05/15/2035	1
31395U-WT-4	FHR 2991 EH PAC-2-22 5.500% 06/15/35		03/01/2020	Paydown		66,962	66,962	66,256	66,293		669		669		66,962				921	06/15/2035	1
31395V-CV-9	FHR 2992 OH PAC-1-11 5.500% 06/15/35		03/01/2020	Paydown		184,058	184,058	184,231	184,058						184,058				1,768	06/15/2035	1
31395V-KK-4	FHR 2984 NE EXCH PAC-11 5.500% 06/15/35		03/01/2020	Paydown		223,243	223,243	219,236	219,411		3,833		3,833		223,243				2,067	06/15/2035	1
31395W-W4-5	FHR 3012 PE EXCH PAC-11 5.500% 08/15/35		03/01/2020	Paydown		313,386	313,386	315,247	313,695		(310)		(310)		313,386				2,781	08/15/2035	1
31395W-ZV-2	FHR 3018 GC SEQ 5.000% 08/15/35		03/01/2020	Paydown		154,297	154,297	150,437	150,658		3,639		3,639		154,297				1,170	08/15/2035	1
31395X-AA-3	FHR 3014 DJ PAC-2-22 5.800% 08/15/35		03/01/2020	Paydown		211,192	211,192	208,184	208,345		2,847		2,847		211,192				2,579	08/15/2035	1
31395X-VH-5	FHR 3019 ML PAC-11 5.500% 08/15/35		03/01/2020	Paydown		386,535	386,535	374,683	383,087		3,449		3,449		386,535				3,630	08/15/2035	1
31396A-NL-4	FHR 3035 Z Z SUP 5.850% 09/15/35		03/01/2020	Paydown		201,275	201,275	193,538	198,331		2,944		2,944		201,275				1,784	09/15/2035	1
31396A-ZM-9	FHR 3036 WG EXCH PAC-11 5.500% 09/15/35		03/01/2020	Paydown		220,010	220,010	219,391	219,508		502		502		220,010				1,880	09/15/2035	1
31396C-B3-3	FHR 3057 PG EXCH PAC-11 5.500% 10/15/35		03/01/2020	Paydown		112,373	112,373	110,103	111,621		752		752		112,373				985	10/15/2035	1
31396C-KL-3	FHR 3047 WP SEQ 5.000% 10/15/35		03/01/2020	Paydown		212,054	212,054	205,298	205,711		6,343		6,343		212,054				1,841	10/15/2035	1
31396E-2X-3	FHR 3053 OH PAC-1-11 5.500% 10/15/35		03/01/2020	Paydown		380,091	380,091	376,245	378,510		3,809		3,809		380,091				3,519	10/15/2035	1
31396G-5X-5	FHR 3086 PE PAC-11 5.500% 12/15/35		03/01/2020	Paydown		526,953	526,953	513,121	522,306		4,647		4,647		526,953				4,204	12/15/2035	1
31396J-2F-1	FHR 3126 Z Z SEQ 6.000% 03/15/36		03/01/2020	Paydown		393,873	393,873	378,103	390,121		3,752		3,752		393,873				4,176	03/15/2036	1
31396K-6S-6	FNR 2006-100 Z Z SEQ 6.000% 10/25/36		03/01/2020	Paydown		127,925	127,925	125,387	126,563		1,363		1,363		127,925				1,526	10/25/2036	1
31396K-D6-6	FNR 2006-83 HZ Z SEQ 6.000% 09/25/36		03/01/2020	Paydown		14,080	14,080	13,609	13,791		289		289		14,080				149	09/25/2036	1
31396K-HD-7	FNR 2006-68 ZA Z SEQ 6.000% 08/25/36		03/01/2020	Paydown		12,305	12,305	12,057	12,163		142		142		12,305				86	08/25/2036	1
31396K-PT-3	FNR 2006-69 PD PAC-11 6.000% 08/25/36		03/01/2020	Paydown		58,830	58,830	59,050	58,830						58,830				641	08/25/2036	1
31396K-QE-5	FNR 2006-69 PZ Z PAC-11 6.500% 08/25/36		03/01/2020	Paydown		29,922	29,922	30,464	29,967		(45)		(45)		29,922				323	08/25/2036	1
	FNR 2006-81 NE EXCH PAC-11 6.000% 09/25/36																				
31396K-S2-9			03/01/2020	Paydown		130,119	130,119	129,641	129,639		480		480		130,119				1,247	09/25/2036	1
	FNR 2006-71 DZ EXCH SC Z PT 6.000% 07/25/36																				
31396K-WJ-7			03/01/2020	Paydown		292,651	292,651	284,694	289,311		3,339		3,339		292,651				2,674	07/25/2036	1
31396K-X5-6	FNR 2006-87 Z Z SEQ 6.000% 09/25/36		03/01/2020	Paydown		272,126	272,126	262,942	269,624		2,502		2,502		272,126				2,536	09/25/2036	1
	FNR 2006-102 ME EXCH PAC-11 6.000% 10/25/36																				
31396L-LG-3			03/01/2020	Paydown		339,661	339,661	342,209	339,661						339,661				2,507	10/25/2036	1
31396L-NK-2	FNR 2006-106 TK SC PT 5.750% 10/25/33		03/01/2020	Paydown		318,139	318,139	315,231	315,515		2,623		2,623		318,139				2,404	10/25/2033	1
31396L-PG-9	FNR 2006-106 AY SEQ 5.500% 11/25/36		03/01/2020	Paydown		125,480	125,480	122,756	122,901		2,579		2,579		125,480				1,051	11/25/2036	1
31396L-QL-7	FNR 2006-112 DB PAC-11 5.500% 11/25/36		03/01/2020	Paydown		8,727	8,727	8,569	8,573		154		154		8,727				81	11/25/2036	1
31396N-3J-3	FHR 3135 JE PAC-11 6.000% 04/15/36		03/01/2020	Paydown		312,406	312,406	318,068	313,485		(1,079)		(1,079)		312,406				2,593	04/15/2036	1
31396N-TM-8	FHR 3151 LH PAC-1-11 6.000% 05/15/36		03/01/2020	Paydown		166,262	166,262	168,802	166,678		(415)		(415)		166,262				1,640	05/15/2036	1
31396P-4B-4	FNR 2007-24 B SEQ 6.000% 03/25/37		03/01/2020	Paydown		7,080	7,080	7,103	7,080						7,080				91	03/25/2037	1
31396P-J7-7	FNR 2007-13 NA SEQ NAS 6.000% 03/25/37		03/01/2020	Paydown		33,763	33,763	33,083	33,103		660	</									

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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
31396R-QB-6	FHR 3178 B SC SEQ 6.000% 06/15/36		03/01/2020	Paydown		215,009	215,009	212,411	212,497		2,512		2,512		215,009				1,746	06/15/2036	1
31396R-TY-3	FHR 3173 PG EXCH PAC-1-11 6.000% 06/15/36		03/01/2020	Paydown		857,689	857,689	870,957	861,773		(4,083)		(4,083)		857,689				8,131	06/15/2036	1
31396T-XF-5	FHR 3167 QH PAC-11 6.000% 06/15/36		03/01/2020	Paydown		425,565	425,565	426,496	425,565						425,565				2,991	06/15/2036	1
31396U-DS-6	FHR 3192 GE PAC-1-11 6.000% 07/15/36		03/01/2020	Paydown		425,423	425,423	418,894	419,114		6,309		6,309		425,423				4,610	07/15/2036	1
31396V-20-0	FNR 2007-B2 B EXCH SEQ 5.500% 06/25/37		03/01/2020	Paydown		456,466	456,466	446,404	446,750		9,716		9,716		456,466				3,950	06/25/2037	1
31396V-7H-5	FNR 2007-49 CA EXCH SEQ 6.000% 06/25/37		03/01/2020	Paydown		27,328	27,328	27,147	27,148		180		180		27,328				202	06/25/2037	1
31396V-AY-4	FNR 2007-B1 B EXCH SEQ 5.500% 04/25/37		03/01/2020	Paydown		621,103	621,103	611,958	612,269		8,834		8,834		621,103				6,146	04/25/2037	1
31396V-NK-0	FNR 2007-26 BD SEQ 6.000% 04/25/37		03/01/2020	Paydown		332,160	332,160	336,779	332,942		(782)		(782)		332,160				2,628	04/25/2037	1
31396V-XB-9	FNR 2007-44 WB SEQ 6.000% 05/25/47		03/01/2020	Paydown		10,051	10,051	9,974	9,975		76		76		10,051				97	05/25/2047	1
31396V-ZM-3	FNR 2007-41 B EXCH SEQ 6.000% 05/25/37		03/01/2020	Paydown		22,127	22,127	22,058	22,057		69		69		22,127				228	05/25/2037	1
31396W-7C-4	FNR 2007-83 PE PAC-11 6.000% 08/25/37		03/01/2020	Paydown		53,160	53,160	54,223	53,350		(191)		(191)		53,160				471	08/25/2037	1
31396W-DR-4	FNR 2007-53 NE EXCH PAC 6.000% 06/25/37		03/01/2020	Paydown		17,511	17,511	17,706	17,522		(11)		(11)		17,511				186	06/25/2037	1
31396W-RX-6	FNR 2007-70 B SEQ 6.000% 07/25/47		03/01/2020	Paydown		4,746	4,746	4,600	4,601		145		145		4,746				48	07/25/2047	1
31396W-XH-4	FNR 2007-61 AW EXCH SEQ 6.000% 07/25/37		03/01/2020	Paydown		290,000	290,000	281,979	282,168		7,832		7,832		290,000				3,429	07/25/2037	1
31396W-XQ-4	FNR 2007-66 B SEQ 6.000% 07/25/37		03/01/2020	Paydown		25,412	25,412	24,631	24,652		760		760		25,412				221	07/25/2037	1
31396W-YB-3	FNR 2007-76 EB SEQ 6.000% 08/25/37		03/01/2020	Paydown		41,286	41,286	40,248	40,263		1,023		1,023		41,286				387	08/25/2037	1
31396W-YB-6	FNR 2007-66 BA NAS 6.000% 07/25/37		03/01/2020	Paydown		104,361	104,361	101,879	101,943		2,418		2,418		104,361				1,300	07/25/2037	1
31396X-AK-0	FNR 2007-81 AY SEQ 6.000% 08/25/37		03/01/2020	Paydown		104,873	104,873	101,996	102,041		2,832		2,832		104,873				1,110	08/25/2037	1
31396X-DF-8	FNR 2007-79 B SEQ 6.000% 08/25/37		03/01/2020	Paydown		224,512	224,512	219,546	219,546		4,967		4,967		224,512				1,144	08/25/2037	1
31396X-QY-3	FNR 2007-85 BE PAC-11 6.000% 09/25/37		03/01/2020	Paydown		416,120	416,120	412,609	413,972		2,149		2,149		416,120				3,127	09/25/2037	1
31396Y-5Q-1	FNR 2008-34 ZA Z SEQ 5.500% 05/25/38		03/01/2020	Paydown		18,264	18,264	17,072	17,662		597		597		18,264				135	05/25/2038	1
31396Y-NR-9	FNR 2008-12 AL EXCH SEQ 6.000% 03/25/38		03/01/2020	Paydown		211,438	211,438	209,167	209,207		2,231		2,231		211,438				1,713	03/25/2038	1
31396Y-R2-0	FNR 2008-26 ZB Z SEQ 5.000% 04/25/38		03/01/2020	Paydown		632,626	632,626	621,521	601,707		30,920		30,920		632,626				5,123	04/25/2038	1
31396Y-WF-5	FNR 2008-13 AY SEQ 6.000% 03/25/48		03/01/2020	Paydown		31,269	31,269	30,927	30,977		292		292		31,269				312	03/25/2048	1
31397A-AW-3	FHR 3205 PE EXCH PAC-1-11 6.000% 08/15/36		03/01/2020	Paydown		286,759	286,759	288,014	286,759						286,759				2,662	08/15/2036	1
31397B-3L-3	FHR 3220 C EXCH SEQ 6.000% 09/15/36		03/01/2020	Paydown		1,928	1,928	1,933	1,928						1,928				19	09/15/2036	1
31397C-SS-4	FHR 3241 DB PAC-11 5.500% 11/15/36		03/01/2020	Paydown		91,305	91,305	90,404	90,428		877		877		91,305				1,143	11/15/2036	1
31397C-AK-5	FHR 3246 D EXCH SEQ 6.000% 11/15/36		03/01/2020	Paydown		2,016	2,016	2,022	2,017		(1)		(1)		2,016				21	11/15/2036	1
31397C-V6-3	FHR 3239 EG EXCH SC SEQ 5.750% 11/15/36		03/01/2020	Paydown		128,621	128,621	128,571	128,557		64		64		128,621				1,373	11/15/2036	1
31397E-DE-2	FHR 3249 BZ Z SEQ 6.000% 12/15/36		03/01/2020	Paydown		153,449	153,449	153,234	153,227		222		222		153,449				906	12/15/2036	1
31397E-TN-5	FHR 3268 HP PAC-1-11 5.500% 01/15/37		03/01/2020	Paydown		39,442	39,442	38,936	38,947		497		497		39,442				362	01/15/2037	1
31397E-W5-0	FHR 3280 ME PAC-1-11 5.500% 02/15/37		03/01/2020	Paydown		258,537	258,537	255,184	257,274		1,262		1,262		258,537				2,266	02/15/2037	1
31397F-BY-7	FHR 3279 PL PAC-11 6.000% 02/15/37		03/01/2020	Paydown		196,572	196,572	191,364	198,263		(1,691)		(1,691)		196,572				1,883	02/15/2037	1
31397F-FP-2	FHR 3271 FP FLT PT 1.005% 02/15/37		03/15/2020	Paydown		500	500	500	500						500				2	02/15/2037	1
31397H-K6-4	FHR 3316 JC SEQ 5.900% 05/15/37		03/01/2020	Paydown		89,347	89,347	88,547	88,565		782		782		89,347				879	05/15/2037	1
31397J-AC-8	FHR 3335 AG SEQ 6.500% 06/15/37		03/01/2020	Paydown		78,017	78,017	78,479	78,140		(122)		(122)		78,017				792	06/15/2037	1
31397J-MR-2	FHR 3341 B SEQ 6.000% 07/15/37		03/01/2020	Paydown		192,235	192,235	184,873	185,009		7,226		7,226		192,235				1,723	07/15/2037	1
31397J-QJ-6	FHR 3351 AC EXCH SEQ 6.000% 07/15/37		03/01/2020	Paydown		18,812	18,812	18,223	18,238		574		574		18,812				1,777	07/15/2037	1
31397J-V3-5	FHR 3349 EP PAC-1-11 6.000% 07/15/37		03/01/2020	Paydown		571,033	571,033	562,891	568,347		2,686		2,686		571,033				6,590	07/15/2037	1
31397J-VB-7	FHR 3349 GW SEQ 6.000% 07/15/37		03/01/2020	Paydown		156,166	156,166	151,716	151,836		4,331		4,331		156,166				1,444	07/15/2037	1
31397J-IV-2	FHR 3344 AC SEQ 6.000% 07/15/37		03/01/2020	Paydown		8,873	8,873	8,655	8,662		211		211		8,873				89	07/15/2037	1
31397K-3F-6	FHR 3347 PM EXCH PAC-11 6.000% 07/15/37		03/01/2020	Paydown		187,846	187,846	197,238	189,388		(1,542)		(1,542)		187,846				1,951	07/15/2037	1
31397K-A8-4	FHR 3356 PE PAC-1-11 6.000% 08/15/37		03/01/2020	Paydown		387,341	387,341	399,294	389,703		(2,362)		(2,362)		387,341				2,813	08/15/2037	1
31397L-2V-0	FNR 2008-62 AY EXCH SEQ 5.500% 07/25/38		03/01/2020	Paydown		283,568	283,568	272,347	272,724		10,844		10,844		283,568				2,528	07/25/2038	1
31397L-DS-5	FNR 2008-24 AZ EXCH Z SEQ 5.000% 04/25/38		03/01/2020	Paydown		595,857	595,857	506,478	573,047		22,810		22,810		595,857				4,726	04/25/2038	1
31397L-M7-1	FNR 2008-58 KW SEQ 5.000% 07/25/38		03/01/2020	Paydown		242,305	242,305	229,111	229,794		12,511		12,511		242,305				1,929	07/25/2038	1
31397L-PP-8	FNR 2008-42 ZA EXCH Z SEQ 5.500% 05/25/38		03/01/2020	Paydown		346,601	346,601	328,326	340,663		5,938		5,938		346,601				3,357	05/25/2038	1
31397M-HL-4	FNR 2008-70 AY EXCH SEQ 5.500% 08/25/38		03/01/2020	Paydown		188,632	188,632	179,442	179,727		8,905		8,905		188,632				1,680	08/25/2038	1
31397M-KT-3	FNR 2008-68 LJ EXCH SEQ 5.500% 08/25/38		03/01/2020	Paydown		269,009	269,009	256,424	256,854		12,155		12,155		269,009				2,530	08/25/2038	1
31397P-NU-0	FHR 3399 ZB Z SEQ 5.500% 12/15/37		03/01/2020	Paydown																	

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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-ign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consid-eration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization)/ Accretion	Current Year's Other Than Temporary Impairment Recogn-ized	Total Change in Book/ Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Con-tractual Maturity Date	NAIC Desig-nation and Admini-strative Symbol
31397H-GS-8	FHR 3455 KC EXCH SEQ 5.000% 06/15/38		03/01/2020	Paydown		156,239	156,239	146,998	147,351		8,888		8,888		156,239				1,263	06/15/2038	1
31402D-MP-2	FN 725866 4.500% 09/01/34		03/01/2020	Paydown		85,166	85,166	81,640	81,910		3,257		3,257		85,166				604	09/01/2034	1
31403J-SL-6	FN 750651 4.500% 09/01/33		03/01/2020	Paydown		1,614	1,614	1,547	1,561		54		54		1,614				12	09/01/2033	1
31406K-GM-6	FN 812104 4.500% 02/01/35		03/01/2020	Paydown		773	773	740	742		31		31		773				6	02/01/2035	1
31406M-HH-9	FN 813945 4.500% 12/01/20		03/01/2020	Paydown		179	179	176	178		1		1		179				1	12/01/2020	1
31407E-VL-4	FN 828719 7.500% 07/01/35		03/01/2020	Paydown		156	156	164	162		(7)		(7)		156				2	07/01/2035	1
31409A-PF-0	FN 865422 4.660% 02/01/36		03/01/2020	Paydown		83	83	84	84		(1)		(1)		83				1	02/01/2036	1
3140J7-2P-9	FN BM3481 4.000% 02/01/48		03/01/2020	Paydown		373,192	373,192	381,705	381,360		(8,168)		(8,168)		373,192				2,274	02/01/2048	1
3140J8-DH-3	FN BM3703 4.000% 03/01/48		03/01/2020	Paydown		552,231	552,231	567,935	567,293		(15,062)		(15,062)		552,231				3,043	03/01/2048	1
31410D-U7-3	FN 886306 4.144% 07/01/36		03/01/2020	Paydown		4,020	4,020	4,093	4,062		(42)		(42)		4,020				14	07/01/2036	1
31410G-7C-1	FN 889291 5.000% 04/01/23		03/01/2020	Paydown		1,011	1,011	1,011	1,009		2		2		1,011				8	04/01/2023	1
31410G-CT-8	FN 888482 4.500% 05/01/35		03/01/2020	Paydown		536	536	514	515		21		21		536				4	05/01/2035	1
31412T-B9-3	FN 933964 5.000% 07/01/23		03/01/2020	Paydown		197	197	197	197						197				1	07/01/2023	1
31414R-B5-3	FN 973560 4.500% 03/01/23		03/01/2020	Paydown		169	169	166	167		2		2		169				1	03/01/2023	1
31414T-JR-3	FN 975572 4.500% 06/01/23		03/01/2020	Paydown		198	198	195	196		2		2		198				1	06/01/2023	1
31415L-LF-2	FN 983926 5.000% 07/01/23		03/01/2020	Paydown		393	393	393	392		1		1		393				3	07/01/2023	1
31418B-1M-0	FN MA2157 4.000% 01/01/45		03/01/2020	Paydown		418,886	418,886	447,946	446,261		(27,375)		(27,375)		418,886				2,860	01/01/2045	1
35563M-AH-9	STACR SERIES 2019-HQA1 CLASS M2 144A 3.297% 02/25/49		03/25/2020	Paydown		38,559	38,559	38,850	38,834		(275)		(275)		38,559				390	02/25/2049	4FE
35564T-AH-3	STACR 2019-DNA3 M2 EXCH FLT 2.997% 07/25/49		03/25/2020	Paydown		568,819	568,819	566,993	567,099		1,720		1,720		568,819				5,328	07/25/2049	3FE
387892-UJ-6	GRANT CNTY WA PUBLIC UTILITY D Grant County Public Utiliti 5.33 5.330% 01/01/37		01/01/2020	Redemption	100.0000	575,000	575,000	523,865	535,741		39,259		39,259		575,000				15,324	01/01/2037	1FE
45201L-VF-9	ILLINOIS ST HSG DEV AUTH Illinois Housing Developm 4.44 4.440% 07/01/33		03/19/2020	Call	100.0000	3,555,000	3,555,000	3,555,000	3,555,000						3,555,000				112,913	07/01/2033	1FE
45201L-VG-7	ILLINOIS ST HSG DEV AUTH Illinois Housing Developm 4.54 4.540% 07/01/38		03/18/2020	Call	100.0000	950,000	950,000	950,000	950,000						950,000				30,790	07/01/2038	1FE
45656R-CF-7	INDUSTRY CA SALES TAX REVENUE US TREASURY OBLIG 8.000% 01/01/27		01/01/2020	Call	100.8750	1,936,800	1,920,000	2,137,651	1,936,800						1,936,800		(16,800)	(16,800)	93,600	01/01/2027	1Z
57419R-D7-7	MARYLAND ST CMINTY DEV ADMIN DE Maryland Community Develo 3.79 3.797% 03/01/39		02/13/2020	Call	100.0000	1,110,000	1,110,000	1,108,017	1,108,165		6		6		1,108,171		1,829	1,829	18,966	03/01/2039	1FE
57586N-3B-5	MASSACHUSETTS ST HSG FIN AGY Massachusetts Housing Fin 4.62 4.621% 12/01/38		02/14/2020	Call	100.0000	760,000	760,000	760,000	760,000						760,000				4,561	12/01/2038	1FE
57586N-3C-3	MASSACHUSETTS ST HSG FIN AGY Massachusetts Housing Fin 4.72 4.721% 06/01/40		02/14/2020	Call	100.0000	180,000	180,000	180,000	180,000						180,000				1,090	06/01/2040	1FE
64972F-T5-5	NEW YORK CITY NY MUNI WTR FIN New York City Water & Sew 5.79 5.790% 06/15/41			Taxable Exchange		8,461,763	8,325,000	8,991,252	8,370,927		277		277		8,371,204		90,559	90,559	21,423	06/15/2041	1FE
64972G-WC-4	NEW YORK CITY NY MUNI WTR FINA 5.790% 06/15/41		02/26/2020	Taxable Exchange		1,684,847	1,665,000	1,691,790			(9,144)		(9,144)		1,682,646		2,201	2,201	19,013	06/15/2041	1FE
69848A-AA-6	PANHANDLE TX ECON DEV CORP LEA Panhandle Economic Develo 3.98 3.985% 07/15/48		01/15/2020	Redemption	100.0000	437,534	437,534	445,503	445,042		(7,508)		(7,508)		437,534				8,718	07/15/2048	1FE
841238-AB-4	SOUTHRIDGE ASSOC LLC MA Southbridge Associates LL 7.59 7.590% 02/01/22		02/01/2020	Redemption	100.0000	1,255,000	1,255,000	1,218,059	1,248,239		6,761		6,761		1,255,000				47,627	02/01/2022	2FE
87172N-AH-1	SYRACUSE NY INDL DEV AGY PILOT Syracuse Industrial Devel 5.69 5.693% 01/01/28		01/01/2020	Redemption	100.0000	1,000,000	1,000,000	790,850	865,731		134,269		134,269		1,000,000				28,465	01/01/2028	3FE
928120-6D-4	VIRGINIA ST HSG DEV AUTH Virginia Housing Developm 3.82 3.824% 02/01/43		02/01/2020	Redemption	100.0000	2,080,000	2,080,000	2,080,000	2,080,000						2,080,000				39,770	02/01/2043	1FE
3199999	Subtotal - Bonds - U.S. Special Revenues					171,882,171	171,708,761	172,337,764	171,689,790		377,943		377,943		173,861,254		(1,995,883)	(1,995,883)	1,832,943	XXX	XXX
000367-AC-6	AASET 2018-1A C SUB 6.413% 01/16/38		03/16/2020	Paydown		537,839	537,839	537,834	537,832		7		7		537,839				8,451	01/16/2038	3FE
000398-AA-1	POWER PARTNERS 1-LLC-ABB LTD SR-SEC 3.750% 12/31/24		03/31/2020	Redemption	100.0000	249,559	249,559	249,559	249,559						249,559				1,561	12/31/2024	1
000778-3U-5	AMAC 2002-9 A4 RTL NAS 5.750% 12/25/32		03/01/2020	Paydown		20,117	20,117	20,545	20,191		(73)		(73)		20,117				193	12/25/2032	1FM
000780-AD-8	AMAC 2003-3 A4 RTL SSNR NAS 5.750% 02/25/33		03/01/2020	Paydown		294,660	294,660	300,691	297,245		(2,586)		(2,586)		294,660				4,101	02/25/2033	1FM
000780-HD-1	AMAC 2003-6 1A27 PAC-11 RTL SSNR AS 5.500% 05/25/33		03/01/2020	Paydown		14,732	14,732	14,611	14,620		112		112		14,732				237	05/25/2033	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 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
..00086Y-AU-6	ACLB 1999-1 C SUB 8.095% 08/15/20		02/18/2020	DIRECT WITH COUNTERPARTY FIXED																08/15/2020	6*
..00123#-AA-6	AFAH FDG-LLC SR-UNSEC 4.750% 12/29/34		03/31/2020	Redemption 100.0000		(2,258,203)	(2,258,203)	(2,258,203)	(2,258,203)						(2,258,203)				6,937	12/30/2027	1PL
..00182#-AA-6	AMZN-ROMULUS-MI CTL PT TRUST-A 3.497% 10/31/38		03/31/2020	Redemption 100.0000		388,245	388,245	388,245	388,245						388,245				2,265	10/31/2038	1
..00184*-AA-6	AMZN-NORTH RANDALL-OH CTL PT T 3.610% 03/31/39		03/31/2020	Redemption 100.0000		436,795	436,795	436,795	436,795						436,795				2,631	03/31/2039	1
..00184#-AA-4	AMZN-EUCLID OH CTL PT TR-AMAZO SR-SEC 4.095% 06/30/39		03/31/2020	Redemption 100.0000		152,000	152,000	152,000	152,000						152,000				1,039	06/30/2039	1
..00191#-AA-3	AMZN-TUCSON AZ CTL PT TR SR-SEC 4.095% 08/31/39		03/31/2020	Redemption 100.0000		167,611	167,611	167,611	167,611						167,611				1,145	08/31/2039	1
..00191#-AA-5	AMZN-OKLAHOMA CITY-OK CTL PT T SR-SEC 4.233% 09/30/39		03/31/2020	Redemption 100.0000		382,296	382,296	382,296	382,296						382,296				2,700	09/30/2039	1
..00193*-AA-5	AMZN-TULSA OK CTL PT TR-AMAZON SR-SEC 4.233% 09/30/39		03/31/2020	Redemption 100.0000		399,718	399,718	399,718	399,718						399,718				2,823	09/30/2039	1
..00225#-AA-3	AMZN-GRAND RAPIDS MI CTL PT TR SR-SEC 4.095% 09/30/39		03/31/2020	Redemption 100.0000		156,760	156,760	156,760	156,760						156,760				1,071	09/30/2039	1
..00253C-HK-6	AMT 2001-4 M1 MEZ STEP AFC NAS 7.150% 01/25/32		03/01/2020	Paydown		2,883	2,883	2,052	2,666		217		217		2,883				52	01/25/2032	1FM
..00253C-HX-8	AMT 2002-2 M1 MEZ STEP AFC NAS 6.150% 03/25/33		03/01/2020	Paydown		4,521	4,521	4,520	4,508		13		13		4,521				44	03/25/2033	1FM
..00255U-AB-1	APOLLO AVIATION SECURITIZATION SERIES 2020-1A CLASS B 144A 4.335% 01/16/40		03/15/2020	Paydown		174,198	174,198	174,194			4		4		174,198				566	01/16/2040	2FE
..00255U-AC-9	APOLLO AVIATION SECURITIZATION SERIES 2020-1A CLASS C 144A 6.413% 01/16/40		03/15/2020	Paydown		154,375	154,375	154,373			2		2		154,375				743	01/16/2040	3FE
..00257#-AA-4	HIGHWAY 94 PARTNERS-LLC-ABB SR-SEC 3.750% 08/01/24		03/01/2020	Redemption 100.0000		227,074	227,074	227,074	227,074						227,074				1,421	08/01/2024	1
..00379#-AB-5	APE Amended note 10.5cash 2%pk 11.950% 03/05/21		03/02/2020	Redemption 100.0000		11,008,087	11,008,087	11,008,087	10,731,445						11,008,087				276,796	03/05/2021	56I
..00379#-AC-3	ABRASIVE PRODUCTS AND EQUIPMEN 2ND LIEN PIK NOTE all pik 13.875% 03/05/21		03/02/2020	Redemption 100.0000		905,115	905,115	905,115	760,981						905,115				49,189	03/05/2021	4Z
..00392#-AA-0	ABTEEN VENTURES-LLC SR-UNSEC 3.930% 08/15/39		03/15/2020	Paydown		1,012,973	1,012,973	1,012,973	1,012,973						1,012,973				6,642	02/15/2029	1PL
..00436M-AA-3	AALLC 2018-1 A SEQ 3.870% 12/02/33		03/02/2020	Paydown		955,685	955,685	955,443	955,468		216		216		955,685				6,194	12/02/2033	1FE
..004421-EX-7	ACE 2004-OP1 M2 MEZ FLT STEP 2.522% 04/25/34		03/25/2020	Paydown		19,075	19,075	17,247	17,946		1,129		1,129		19,075				60	04/25/2034	1FM
..004421-MM-0	ACE 2005-SNHW A2 STEP AFC 5.630% 11/25/39		03/01/2020	Paydown		201,503	201,503	186,823	194,566		6,936		6,936		201,503				1,169	11/25/2039	1FM
..006346-AS-9	ADMSO 2018-1 A SEQ 4.810% 11/15/48		03/15/2020	Paydown		180,113	180,113	180,107	180,108		5		5		180,113				1,444	11/15/2048	1FE
..007036-HA-7	ARMT 2005-2 6M2 MEZ FLT STEP AFC IR 1.927% 06/25/35		03/25/2020	Paydown		337,622	337,622	307,748	328,172		9,450		9,450		337,622				1,283	06/25/2035	1FM
..00707*-AA-4	ADLER-TN-TX-NC SENIOR GROUND L SR-SEC 4.610% 10/15/47		03/15/2020	Redemption 100.0000		40,146	40,146	40,146	40,146						40,146				309	10/15/2047	1FE
..00793#-AA-5	ADVOCATE CTL PT TRUST 3.725% 07/15/36		03/15/2020	Redemption 100.0000		112,422	112,422	112,422	112,422						112,422				699	07/15/2036	1
..00909#-A*-5	AIR CARGO LOGISTICS FT WORTH T SR-SEC 4.494% 11/10/39		03/10/2020	Redemption 100.0000		441,403	441,403	441,403	441,403						441,403				3,407	11/10/2039	1
..00938#-AA-1	WALGREEN CO-BATON ROUGE SR-SEC 6.890% 10/15/32		03/15/2020	Redemption 100.0000		23,463	23,463	23,463	23,463						23,463				270	10/15/2032	2
..01126#-AA-1	ALAMO 6-LLC 4.170% 03/31/42		03/31/2020	Redemption 100.0000		266,152	266,152	266,152	266,152						266,152				5,549	03/31/2042	2
..01560#-AA-4	ALGIERS R/E VENTURES LLC-WAG N SR-SEC 6.930% 03/15/34		03/15/2020	Redemption 100.0000		23,492	23,492	23,492	23,492						23,492				272	03/15/2034	2
..02147Q-AE-2	CIWALT 2006-19CB A5 SSNR NAS 6.000% 08/25/36		03/01/2020	Paydown		373,244	413,503	174,441	157,898		230,660		230,660		388,558		(15,314)	(15,314)	4,360	08/25/2036	1FM
..02148F-AW-5	CIWALT 2007-4CB 1A10 SEQ AS 5.750% 04/25/37		03/01/2020	Paydown		138,936	200,413	78,284	72,120		88,827		88,827		160,947		(22,011)	(22,011)	2,005	04/25/2037	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 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
..02148Y-AD-6	CIWALT 2006-42 1A4 SSNR NAS 6.000% 01/25/47		03/01/2020	Paydown		127,051	127,009	28,833	22,176		104,867		104,867		127,043		8	8	726	01/25/2047	1FM
..02149F-AH-7	CIWALT 2006-43CB 1A8 FLT AS 1.379% 02/25/37		03/25/2020	Paydown		89,713	122,433	45,602	39,339		60,871		60,871		100,210		(10,497)	(10,497)	480	02/25/2037	1FM
..02149H-AK-6	CIWALT 2007-2CB 1A10 SSNR NAS 5.750% 03/25/37		03/01/2020	Paydown		205,818	225,840	49,721	42,322		167,158		167,158		209,480		(3,662)	(3,662)	2,171	03/25/2037	1FM
..02151C-BD-7	CIWALT 2007-15CB A19 EXCH SSNR AS 5.750% 07/25/37		03/01/2020	Paydown		206,586	257,960	129,287	124,870		106,427		106,427		231,297		(24,711)	(24,711)	2,775	07/25/2037	1FM
..02151F-AD-1	CIWALT 2007-21CB 1A4 SSNR NAS 6.000% 09/25/37		03/01/2020	Paydown		346,662	438,710	256,448	244,056		153,760		153,760		397,816		(51,154)	(51,154)	3,761	09/25/2037	1FM
..02151N-BA-9	CIWALT 2007-18CB 2A18 EXCH SSNR NAS 6.000% 08/25/37		03/01/2020	Paydown		152,274	171,005	37,323	36,204		120,022		120,022		156,226		(3,952)	(3,952)	1,634	08/25/2037	1FM
..02376R-AB-8	AMERICAN AIRLINES GROUP CO.GUARNT 4.625% 03/01/20		03/01/2020	Maturity		17,500,000	17,500,000	17,500,000	17,500,000						17,500,000				404,688	03/01/2020	3FE
..02639M-AK-2	AGFMT 2006-1 A4 AFC AS 5.750% 12/25/35		03/01/2020	Paydown		423,779	423,779	360,212	400,409		23,370		23,370		423,779				4,760	12/25/2035	1FM
..02660T-BN-2	AHM 2004-3 4A XRESET FLT DLY AFC A 3.263% 10/25/34		03/01/2020	Paydown		313,500	313,500	303,703	305,440		8,060		8,060		313,500				1,336	10/25/2034	1FM
..02660T-CF-8	AHM 2004-4 2A2 FLT STEP AFC IRC SS 1.667% 02/25/45		03/25/2020	Paydown		103,346	103,346	88,480	103,346						103,346				367	02/25/2045	1FM
..02660T-FG-3	AHM 2005-2 4A2 XRESET FLT DLY AFC 3.033% 09/25/45		03/02/2020	Paydown		596,291	596,291	560,783	561,569		34,722		34,722		596,291				3,337	09/25/2045	1FM
..028909-AC-3	.AMRES 1994-1 .AMRES 1994-1 7.085% 02/18/24		03/01/2020	Paydown		4,431	4,431				4,431		4,431		4,431				38	02/18/2024	6*
..02928#-AN-1	AMRESCO RESIDENTIAL SECURITIES AMRES 1993-1B 7.095% 05/18/23		03/01/2020	Paydown		5,959	5,959	5,959		5,959			5,959		5,959				51	05/18/2023	6*
..02928#-AQ-4	AMRESCO RESIDENTIAL SECURITIES AMRES 1993-3 6.500% 12/18/23		03/01/2020	Paydown		6,697	6,697	6,605		6,697			6,697		6,697				53	12/18/2023	6*
..029912-BE-1	AMERICAN TOWER CORP SR UNSEC 5.900% 11/01/21		01/15/2020	Call	106.7090	5,335,450	5,000,000	4,992,900	4,998,457		31		31		4,998,488		1,513	1,513	396,089	11/01/2021	2FE
..03072S-OP-3	AMSI 2004-FR1 A6 STEP AFC AS 4.294% 05/25/34		03/01/2020	Paydown		313,864	313,864	313,864	313,864						313,864				2,099	05/25/2034	1FM
..03076C-AE-6	AMERIPRISE FINANCIAL INC SR UNSEC 5.300% 03/15/20		03/15/2020	Maturity		23,075,000	23,075,000	23,019,851	23,073,583		1,417		1,417		23,075,000				611,488	03/15/2020	1FE
..030981-AH-7	AMERIGAS PART/FIN CORP SR UNSEC 5.625% 05/20/24		02/06/2020	BANK OF AMERICA		21,375,000	20,000,000	20,000,000	20,000,000						20,000,000		1,375,000	1,375,000	250,000	05/20/2024	3FE
..031162-BB-5	AMGEN INC SR UNSEC 4.500% 03/15/20		03/15/2020	Maturity		9,020,000	9,020,000	9,015,670	9,019,893		107		107		9,020,000				202,950	03/15/2020	2FE
..031162-BD-1	AMGEN INC SR UNSEC 3.450% 10/01/20		03/22/2020	Call	100.9050	37,082,588	36,750,000	36,242,852	36,704,210		13,357		13,357		36,717,567		32,433	32,433	934,828	10/01/2020	2FE
..031162-BG-4	AMGEN INC SR UNSEC 4.100% 06/15/21		03/22/2020	Call	102.9520	33,459,400	32,500,000	32,416,150	32,485,450		2,169		2,169		32,487,619		12,381	12,381	1,318,435	06/15/2021	2FE
..031162-BM-1	AMGEN INC SR UNSEC 3.875% 11/15/21		03/23/2020	Call	100.0000	3,428,571	3,428,571	3,418,971	3,426,489		243		243		3,426,732		1,839	1,839	46,869	11/15/2021	2FE
..03752#-AA-8	APE HLDGS-LLC SUB 14.200% 09/05/20		03/02/2020	Redemption	100.0000	447,653	447,653	447,653	447,653						447,653					09/05/2020	5GI
..03752#-AA-8	APE HLDGS-LLC SUB 14.200% 09/05/20		03/02/2020	Redemption	100.0000	2,276,066	2,276,066	2,276,066	2,276,066						2,276,066					09/05/2020	5GI
..03752#-AA-8	APE HLDGS-LLC SUB 14.200% 09/05/20		03/02/2020	Redemption	100.0000	16,028,632	16,028,632	16,028,632	16,028,632						16,028,632				391,990	09/05/2020	5GI
..03765#-AA-5	APOLLON ONE CORP-WAG CHARLESTO SR-SEC 6.650% 09/15/34		03/15/2020	Redemption	100.0000	36,176	36,176	36,176	36,176						36,176				402	09/15/2034	2
..03766E-AB-3	AASET 2016-2 A SEQ 4.212% 11/15/41		02/18/2020	Paydown		3,527,632	3,527,632	3,527,523	3,527,528		104		104		3,527,632				26,002	11/15/2041	1FE
..03766E-AB-3	AASET 2016-2 A SEQ 4.212% 11/15/41		01/15/2020	Redemption	100.0000	31,128	31,128	31,127	31,127		1		1		31,128				109	11/15/2041	1FE
..03785#-AA-9	APPLE-CUPERTINO-CA CTL PT TRUS SR-SEC 4.140% 06/15/28		01/15/2020	Redemption	100.0000	132,760	132,760	133,424	133,315		(555)		(555)		132,760				458	06/15/2028	1PL
..03785#-AA-9	APPLE-CUPERTINO-CA CTL PT TRUS SR-SEC 4.140% 06/15/28		03/15/2020	Redemption	100.0000	266,896	266,896	268,231	268,011		(1,115)		(1,115)		266,896				2,303	06/15/2028	1Z
..03927N-AA-1	ARCAP 2005 1A A SEQ CDO-CRE CDO 5.450% 12/21/42		03/01/2020	Paydown		235,099	235,099	149,421	172,543		62,556		62,556		235,099				2,567	12/21/2042	5FE
..04004#-AB-0	CENTER OPERATING CO-LP B-SR-SEC 8.200% 09/30/23		03/31/2020	Redemption	100.0000	1,740,379	1,740,379	1,740,379	1,740,379						1,740,379				35,678	09/30/2023	2PL

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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
040104-FG-1	ARSI 2004-W1 AV1 FLT STEP PT AS 1.447%		03/17/2020	DIRECT WITH COUNTERPARTY FIXED																03/25/2034	1FM
040104-JB-8	ARSI 2004-W7 M1 MEZ FLT STEP NAS 1.772%		01/27/2020	MORGAN STANLEY & CO. INC.		7,742,918	7,772,063	5,697,894	6,835,888		5,545		5,545		6,841,433		901,485	901,485	19,153	05/25/2034	1FM
040104-JB-8	ARSI 2004-W7 M1 MEZ FLT STEP NAS 1.772%		01/27/2020	Paydown		18,563	18,563	13,609	16,327		2,236		2,236		18,563				43	05/25/2034	1FM
042735-BG-4	ARROW ELECTRONICS INC SR UNSEC 3.250%		01/17/2020	Various		12,383,830	12,000,000	11,926,440	11,948,920		500		500		11,949,420		434,410	434,410	142,007	09/08/2024	2FE
043436-AN-4	ASBURY AUTOMOTIVE GROUP CO. GUARNT 6.000%		03/04/2020	Call 103.0000		40,336,860	39,162,000	39,799,411	39,507,847		(18,879)		(18,879)		39,488,968		(326,968)	(326,968)	1,690,493	12/15/2024	4FE
043436-AS-3	ASBURY AUTOMOTIVE GROUP SERIES 144A 4.500%		03/30/2020	Call 100.0000		2,614,000	2,614,000	2,614,000							2,614,000				13,397	03/01/2028	4FE
043436-AT-1	ASBURY AUTOMOTIVE GROUP SERIES 144A 4.750%		03/30/2020	Call 100.0000		1,712,000	1,712,000	1,712,000							1,712,000				9,261	03/01/2030	4FE
044209-AF-1	ASHLAND LLC CO. GUARNT 4.750% 08/15/22		01/21/2020	TENDER SALE		35,226,177	34,167,000	34,103,370	34,142,434		520		520		34,142,954		1,083,223	1,083,223	712,287	08/15/2022	3FE
045416-EL-2	ABSHE 2003-HE3 M1 MEZ FLT STEP IRC 1.950%		03/16/2020	Paydown		44,189	44,189	41,814	44,189						44,189				253	06/15/2033	1FM
04560*-AK-0	ASSOCIATED ELECTRIC COOP INC. 3.580%		02/29/2020	Redemption 100.0000		255,711	255,711	255,711	255,711						255,711				2,301	02/28/2047	1
04774#-AA-0	ATLANTA FALCONS STADIUM CO-LLC 3.590%		03/01/2020	Redemption 100.0000		456,968	456,968	456,968	456,968						456,968				8,203	09/01/2042	2PL
04774#-AB-8	ATLANTA FALCONS STADIUM CO-LLC 3.590%		09/01/2020	Redemption 100.0000		322,574	322,574	322,574	322,574						322,574				5,790	09/01/2042	2PL
05329W-AK-8	AUTONATION INC CO. GUARNT 5.500% 02/01/20		02/01/2020	Maturity		21,667,000	21,667,000	21,954,500	21,670,773		(3,773)		(3,773)		21,667,000				595,843	02/01/2020	2FE
05348E-AP-4	AVALONBAY COMMUNITIES SR UNSEC 3.950%		03/11/2020	Call 101.8682		15,280,236	15,000,000	14,896,450	14,987,548		2,272		2,272		14,989,820		10,180	10,180	668,652	01/15/2021	1FE
05490Q-AJ-7	BCAP 2015-RR6 3A2 EXCH SC MEZ FLT D 2.810%		03/02/2020	Paydown		691,185	691,185	604,787	638,029		53,157		53,157		691,185				4,057	05/26/2046	1FM
05530V-AA-7	BCAP 2007-AA3 1A1A FLT STEP IRC SSN 1.157%		03/25/2020	Paydown		63,035	63,035	56,101	57,975		5,060		5,060		63,035				226	04/25/2037	1FM
05530V-AB-5	BCAP 2007-AA3 1A1B FLT STEP IRC SSN 1.087%		03/25/2020	Paydown		173,663	173,663	154,560	159,728		13,935		13,935		173,663				600	04/25/2037	1FM
05566S-AA-1	BURLINGTN NO SF 05-3 TR PT CERTS 4.830%		01/15/2020	Redemption 100.0000		512,739	512,739	518,171	513,523		(783)		(783)		512,739				12,383	01/15/2023	1FE
05584#-AA-9	BGS HUNTSVILLE 2016 CTL PT TRU 3.470%		03/15/2020	Redemption 100.0000		495,860	495,860	495,860	495,860						495,860				2,870	11/15/2033	1PL
05584A-AA-8	HGVGI 2017-1A A SEQ 2.940% 05/25/29		03/25/2020	Paydown		270,516	270,516	270,447	270,465		51		51		270,516				1,303	05/25/2029	1FE
05584A-AB-6	HGVGI 2017-1A B SUB 3.240% 05/25/29		03/25/2020	Paydown		89,390	89,390	89,378	89,381		9		9		89,390				475	05/25/2029	2FE
05587*-AA-8	FEDEX CTL PT TRUST-SER 2017A-F 4.260%		03/15/2020	Redemption 100.0000		209,027	209,027	209,027	209,027						209,027				1,486	03/15/2037	1PL
05606*-AB-3	BD DALLAS TX LANDLORD-LLC-BBA SR-SEC 4.425%		03/31/2020	Redemption 100.0000		146,404	146,404	140,860	141,954		4,450		4,450		146,404				1,090	01/31/2036	3
05606*-AC-1	BD DALLAS TX LANDLORD-LLC-BBA SR 4.600%		01/31/2020	Redemption 100.0000		40,041	40,041	40,041	40,041						40,041				310	01/30/2036	3
05607B-AA-9	BXGNT 2017-A A SEQ 2.950% 10/04/32		03/02/2020	Paydown		447,980	447,980	447,969	447,971		9		9		447,980				2,281	10/04/2032	1FE
05607B-AB-7	BXGNT 2017-A B SUB 3.590% 10/04/32		03/02/2020	Paydown		111,987	111,987	111,980	111,981		5		5		111,987				694	10/04/2032	2FE
05607U-AC-3	BXGNT 2018-A C SUB 4.440% 02/02/34		03/02/2020	Paydown		284,935	284,935	284,878	284,882		53		53		284,935				2,161	02/02/2034	2FE
05643#-AA-6	BACONTON POWER LLC B-SR-SEC 6.840% 09/30/22		03/31/2020	Redemption 100.0000		1,770,002	1,770,002	1,770,002	1,770,002						1,770,002				30,267	09/30/2022	1
05946X-BH-5	BAFC 2002-2 A3 Z SSNR AS 6.000% 11/25/32		03/01/2020	Paydown		155,354	155,354	145,596	147,704		7,649		7,649		155,354				1,530	11/25/2032	1FM
05946X-BJ-1	BAFC 2002-2 A4 SSNR NAS 6.000% 11/25/32		03/01/2020	Paydown		328,341	328,341	332,997	332,263		(3,921)		(3,921)		328,341				3,234	11/25/2032	1FM
05946X-KR-3	BAFC 2004-4 1A3 SEQ AS 5.500% 11/25/34		03/01/2020	Paydown		94,323	94,323	92,264	92,381		1,942		1,942		94,323				1,129	11/25/2034	1FM
05946X-L9-2	BAFC 2005-6 1A1 SSNR NAS 5.500% 10/25/35		03/01/2020	Paydown		50,121	58,952	52,573	54,187		4,047		4,047		58,234		(8,113)	(8,113)	344	10/25/2035	2FM
05948K-B6-5	BOAA 2005-5 5CB1 NAS 5.500% 06/25/35		03/01/2020	Paydown		161,383	164,778	123,585	131,397		32,692		32,692		164,089		(2,706)	(2,706)	1,317	06/25/2035	1FM
05948K-P3-7	BOAA 2005-9 4A1 SSNR NAS 5.500% 10/25/35		03/01/2020	Paydown		211,305	206,793	130,389	138,897		69,372		69,372		208,268		3,037	3,037	2,871	10/25/2035	1FM
05948X-YR-6	BOAMS 2003-J B1 SUB CSTR NAS 4.115%		03/01/2020	Paydown		148,956	148,956	138,343	139,841		9,115		9,115		148,956				1,054	11/25/2033	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
05949A-LK-4	BOAMS 2004-G 3A1 CSTR PT SSNR AS 4.559% 08/25/34		03/01/2020	Paydown		475,315	475,315	392,673	333,592		141,723		141,723		475,315				3,683	08/25/2034	1FM
05949A-XG-0	BOAMS 2004-K 2A1 CSTR PT AS 3.748% 12/25/34		03/01/2020	Paydown		90,295	90,295	88,264	88,532		1,763		1,763		90,295				759	12/25/2034	1FM
05949C-GN-0	BOAMS 2005-8 A1 SSNR NAS 5.500% 09/25/35		03/01/2020	Paydown		69,500	75,470	69,467	75,792		(295)		(295)		75,497		(5,997)	(5,997)	696	09/25/2035	3FM
05949Q-BB-0	BAFC 2006-2 2A20 SEQ AS 5.750% 03/25/36		03/01/2020	Paydown		81,514	112,373	77,179	62,371		36,268		36,268		98,639		(17,125)	(17,125)	939	03/25/2036	1FM
05949T-BF-5	BAFC 2006-1 3A1 PT SSNR AS 5.500% 01/25/36		03/01/2020	Paydown		6,241	9,661	6,225	5,337		2,785		2,785		8,123		(1,882)	(1,882)	89	01/25/2036	1FM
05949Y-AC-2	BOAMS 2006-1 A3 Z SEQ SSNR AS 6.000% 05/25/36		03/01/2020	Paydown		146,719	154,470	106,727	109,976		42,260		42,260		152,237		(5,518)	(5,518)	1,523	05/25/2036	1FM
05949Y-AF-5	BOAMS 2006-1 A6 SSNR NAS 6.000% 05/25/36		03/01/2020	Paydown		183,850	193,563	95,852	93,377		95,153		95,153		188,530		(4,681)	(4,681)	1,909	05/25/2036	1FM
05950M-AF-7	BAFC 2006-5 4A2 SSNR NAS 6.000% 09/25/36		02/18/2020	Various		2,460,742	2,466,909	2,294,225	2,379,120		3,524		3,524		2,382,644		78,098	78,098	3,823	07/20/2036	1FM
05950N-BK-3	BAFC 2006-5 4A2 SSNR NAS 6.000% 09/25/36		03/01/2020	Paydown		725,533	725,533	720,517	720,666		4,868		4,868		725,533				8,882	09/25/2036	2FM
05950R-AK-5	BAFC 2006-6 1A10 SSNR NAS 6.000% 08/25/36		03/01/2020	Paydown		379,799	495,499	466,397	480,420		11,556		11,556		491,977		(112,178)	(112,178)	2,772	08/25/2036	3FM
05951K-AK-9	BAFC 2006-7 1A9 PAC-11 AS 6.000% 09/25/36		03/01/2020	Paydown		99,451	112,853	30,604	10,452		90,236		90,236		100,688		(1,236)	(1,236)	1,251	09/25/2036	1FM
05951V-AA-7	BAFC 2006-1 1A1 CSTR SSNR AS 4.020% 12/20/36		03/01/2020	Paydown		262,913	262,913	251,320	251,771		11,142		11,142		262,913				1,970	12/20/2036	1FM
06051G-AA-7	BAFC 2002-1 A1 NAS 7.000% 04/20/32		03/01/2020	Paydown		201	201	206	201						201				2	04/20/2032	1FM
06051G-BR-9	BAFC 2004-2 2A1 PT AS 6.500% 07/20/32		03/01/2020	Paydown		8,105	8,105	7,801	7,832		274		274		8,105				88	07/20/2032	1FM
06051G-BZ-1	BAFC 2004-2 3A6 SEQ AS 5.500% 09/20/34		03/01/2020	Paydown		17,899	17,899	17,340	17,388		511		511		17,899				163	09/20/2034	1FM
06051G-DQ-9	BAFC 2005-D B1 SUB CSTR NAS 4.411% 05/25/35		03/01/2020	Paydown		153,221	153,221	145,369	145,946		7,276		7,276		153,221				1,089	05/25/2035	1FM
07384M-K2-7	BSARM 2004-1 21A1 CSTR AS 3.914% 04/25/34		03/01/2020	Paydown		72,859	72,859	72,609	72,618		241		241		72,859				698	04/25/2034	1FM
07384M-Q8-8	BSARM 2004-3 2A CSTR AS 4.165% 07/25/34		03/01/2020	Paydown		495,511	495,511	495,821	495,428		83		83		495,511				3,469	07/25/2034	1FM
07386H-KU-4	BALTA 2004-8 M1 MEZ FLT STEP AFC 1.862% 09/25/34		01/30/2020	INC		7,638,239	7,657,383	6,451,345	6,984,498		15,145		15,145		6,999,643		638,596	638,596	22,261	09/25/2034	1FM
07387#-AA-2	BEAR SWAMP FINANCE LTD PTNSP SR 4.890% 10/08/25		03/31/2020	Redemption	100.0000	197,659	197,659	197,659	197,659						197,659				2,137	10/08/2025	2PL
073879-KC-1	BSABS 2004-HE9 M1 MEZ FLT STEP IRC 1.922% 11/25/34		03/25/2020	Paydown		1,389,849	1,389,849	1,217,689	1,294,601		95,248		95,248		1,389,849				4,307	11/25/2034	1FM
073879-QE-1	BSABS 2005-AC1 A CSTR STEP AFC 6.000% 02/25/35		03/01/2020	Paydown		250,978	250,978	196,852	184,001		66,978		66,978		250,978				2,505	02/25/2035	1FM
073879-SL-3	BSABS 2005-AC2 1A STEP AFC 5.750% 04/25/35		03/01/2020	Paydown		117,607	117,607	94,814	83,976		33,631		33,631		117,607				934	04/25/2035	1FM
07387A-GZ-2	BSARM 2006-1 A1 XRESET FLT DLY AFC S 3.430% 02/25/36		03/02/2020	Paydown		190,561	190,561	182,695	186,206		4,355		4,355		190,561				1,244	02/25/2036	1FM
07387B-FY-4	BSOMS 2006-T22 D SUB CSTR 5.745% 04/12/38		03/01/2020	Paydown		1,634,542	1,634,542	1,444,899	1,596,252		38,290		38,290		1,634,542				10,469	04/12/2038	1FM
07387V-AA-7	BSABS 2007-HE7 1A1 FLT IRC SSNR 1.947% 10/25/37		03/25/2020	Paydown		832,729	832,729	766,840	798,307		34,423		34,423		832,729				5,215	10/25/2037	1FM
07400N-AA-8	BSMF 2007-ARS 1A1A FLT STEP AFC SSN 1.117% 06/25/47		03/25/2020	Paydown		116,735	116,735	97,036	98,702		18,032		18,032		116,735				320	06/25/2047	1FM
07400N-AS-9	BSMF 2007-ARS 2A1 FLT STEP AFC IRC 1.127% 06/25/37		03/25/2020	Paydown		379,866	379,866	336,607	342,680		37,186		37,186		379,866				1,193	06/25/2037	1FM
08860#-AA-8	WELLS FARGO BK NW-N.A.-WAG-CHA SR-SEC 5.697% 12/15/31		03/15/2020	Redemption	100.0000	36,203	36,203	36,203	36,203						36,203				344	12/15/2031	2
08862#-AA-6	WELLS FARGO BK NW-N.A.-CLEMNON SR-SEC 6.210% 09/15/30		03/15/2020	Redemption	100.0000	50,244	50,244	50,511	50,388		(144)		(144)		50,244				521	09/15/2030	2
08864#-AA-2	WELLS FARGO BK NW-N.A.-WAG-CHA SR-SEC 6.320% 10/15/33		03/15/2020	Redemption	100.0000	31,677	31,677	31,677	31,677						31,677				334	10/15/2033	2
08866#-AA-0	WELLS FARGO BK-WAG ROCKWALL-TX SR-SEC 6.660% 01/15/34		03/15/2020	Redemption	100.0000	34,921	34,921	34,921	34,921						34,921				388	01/15/2034	2
08866#-AA-2	WELLS FARGO BK-N.A. SR-SEC 6.720% 12/15/33		03/15/2020	Redemption	100.0000	37,259	37,259	37,259	37,259						37,259				418	12/15/2033	2
08867#-AA-1	WELLS FARGO BK-WAG ROCKWALL-TX SR-SEC 6.570% 03/15/34		03/15/2020	Redemption	100.0000	34,175	34,175	34,175	34,175						34,175				375	03/15/2034	2
08868#-AA-8	WELLS FARGO BK NW-FAYETTEVILLE SR-SEC 6.850% 08/15/33		03/15/2020	Redemption	100.0000	45,464	45,464	45,464	45,464						45,464				520	08/15/2033	2

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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
08868*-AA-2	BGS CTL PT TRUST-WAG BATESVILL SR-SEC 6.850% 03/15/34		03/15/2020	Redemption	100.0000	56,103	56,103	56,103	56,103						56,103				642	03/15/2034	2
08877@-AA-9	BGS CTL PT TRUST SER 2010-DC SR-SEC 6.489% 06/15/32		03/15/2020	Redemption	100.0000	284,813	284,813	284,813	284,813						284,813				3,093	06/15/2032	1
08878@-AA-8	BGS CTL PT TRUST-WAG ESSEXVILL 2010-SR-SEC 6.820% 07/15/33		03/15/2020	Redemption	100.0000	33,673	33,673	33,673	33,673						33,673				383	07/15/2033	2
08882*-AA-4	BGS CTL PT-CVS EVANSVILLE SR-SEC 6.043% 01/15/37		03/15/2020	Redemption	100.0000	25,781	25,781	25,781	25,781						25,781				260	01/15/2037	2
08886*-AA-0	BGS CTL PT TR SER 2012-DC SR-SEC 3.983% 06/15/32		03/15/2020	Redemption	100.0000	61,354	61,354	61,354	61,354						61,354				408	06/15/2032	1
09536@-AA-0	BLUE CROSS BLUE SHIELD LEASE-B 3.650% 09/15/25		03/15/2020	Redemption	100.0000	589,740	589,740	589,740	589,740						589,740				3,542	09/15/2025	1
09702#-AA-6	BOEING-MANASSAS AMD COLUMBUS C SR-SEC 4.203% 03/15/43		03/15/2020	Redemption	100.0000	136,805	136,805	136,805	136,805						136,805				959	03/15/2043	1
10567@-AA-0	BRAVES STADIUM CO-LLC 3.770% 09/30/41		03/30/2020	Redemption	100.0000	728,073	728,073	728,073	728,073						728,073				13,724	09/30/2041	2PL
11042T-AA-1	BRITISH AIR 18-1 AA PTT PT CERTS 3.800% 09/20/31		03/20/2020	Redemption	100.0000	168,855	168,855	168,855	168,855						168,855				1,604	09/20/2031	1FE
11126@-AA-2	BROAD RIDGE PARTNERS-LP-STATE SR-SEC 7.550% 01/01/30		03/01/2020	Redemption	100.0000	165,765	165,765	165,765	165,765						165,765				1,933	01/01/2030	1
11700*-AA-8	BRUNSWICK & GLYNN COUNTY DEV. SR-SEC 4.253% 07/10/35		03/01/2020	Redemption	100.0000	250,194	250,194	250,194	250,194						250,194				892	07/01/2035	1
12200B-AA-6	BURLINGTON NO SF 04-1 TR PT CERTS 4.575% 01/15/21		01/15/2020	Redemption	100.0000	38,906	38,906	38,780	38,895		10		10		38,906				890	01/15/2021	1FE
12479R-AB-3	CAUTO 2014-1A A SEQ 3.660% 10/15/44		03/15/2020	Paydown		124,548	124,548	124,548	124,531		17		17		124,548				765	10/15/2044	1FE
12479R-AD-9	CAUTO 2017-1A A1 SEQ 3.870% 04/15/47		03/15/2020	Paydown		85,034	85,034	85,009	85,022		12		12		85,034				552	04/15/2047	1FE
12479R-AE-7	CAUTO 2017-1A A2 SEQ 4.180% 04/15/47		03/15/2020	Paydown		109,329	109,329	109,314	109,319		10		10		109,329				766	04/15/2047	1FE
124857-AR-4	CBS CORP CO GUARNT 2.900% 01/15/27		01/13/2020	INC.		14,448,911	14,325,000	14,101,578	14,167,653		757		757		14,168,411		280,501	280,501	207,713	01/15/2027	2FE
1248RH-AA-5	CBASS 2007-CB6 A1 FLT STEP IRC 1.079% 07/25/37		03/25/2020	Paydown		43,487	43,487	22,230	20,939		22,548		22,548		43,487				142	07/25/2037	1FM
12495@-AA-3	CCD-PR-NO 1-LLC-CVS DORADO SR-SEC 6.650% 01/15/36		03/15/2020	Redemption	100.0000	88,865	88,865	89,698	89,456		(592)		(592)		88,865				987	01/15/2036	2
12496@-AA-2	CBD GROUND LEASE TRUST-2013D-N SR-SEC 4.990% 05/15/44		03/15/2020	Redemption	100.0000	28,108	28,108	28,108	28,108						28,108				234	05/15/2044	1FE
12498#-AA-8	CBD GROUND LEASE TRUST-2014A-C SR-SEC 4.640% 01/15/44		03/15/2020	Redemption	100.0000	11,381	11,381	11,381	11,381						11,381				93	01/15/2044	1PL
12498@-AA-0	CBD GROUND LEASE TRUST 2014B-L SR-SEC 4.310% 08/15/43		03/15/2020	Redemption	100.0000	33,335	33,335	33,335	33,335						33,335				240	08/15/2043	1PL
12498N-AC-7	CBASS 2006-CB2 AF3 STEP AFC SEQ 3.305% 12/25/36		03/02/2020	Paydown		65,237	65,237	55,834	57,396		7,841		7,841		65,237				259	12/25/2036	1FM
12502@-AA-4	CC-WRIGHTSTOWN WI LLC-COE SR-SEC 5.620% 02/28/22		03/10/2020	Redemption	100.0000	78,204	78,204	78,204	78,204						78,204				734	02/10/2022	2
12502Y-AP-8	CCORIN 2012-CA C SEQ 4.750% 07/10/22		03/10/2020	Paydown		1,035,714	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		03/10/2020	Redemption	100.0000	77,715	77,715	77,715	77,715						77,715				663	06/10/2023	2
125039-AF-4	CD 2017-CD6 A5 SEQ 3.456% 11/13/50		03/20/2020	BMO CAPITAL MARKETS		24,262,695	25,000,000	25,748,359	25,601,772		(16,685)		(16,685)		25,585,087		(1,322,392)	(1,322,392)	271,200	11/13/2050	1FM
12504@-AA-2	CBD GROUND LEASE TRUST-WAKE FO SR-SEC 4.280% 06/15/42		03/15/2020	Redemption	100.0000	42,145	42,145	42,145	42,145						42,145				310	06/15/2042	1PL
12516U-AD-7	CEMEX FINANCE LLC SR SEC 6.000% 04/01/24		01/01/2020	Call	103.0000	825,030	801,000	848,059	814,013		5,310		5,310		819,323		(18,323)	(18,323)	34,443	04/01/2024	3FE
12516U-AD-7	CEMEX FINANCE LLC SR SEC 6.000% 04/01/24		01/03/2020	Redemption	100.0000	(835,443)	(835,443)	(884,525)	(835,443)						(835,443)					04/01/2024	3FE
12536#-AA-2	CGPC PT TRUST-WAG S30 RBS SR-SEC 6.590% 11/01/32		03/01/2020	Redemption	100.0000	280,551	280,551	280,551	280,551						280,551				3,087	11/01/2032	2
12537#-AA-1	CGA SER 2009-CLT-4-GE 2009-SR-SEC 5.650% 12/10/23		03/10/2020	Redemption	100.0000	1,223,423	1,223,423	1,223,423	1,223,423						1,223,423				11,539	12/10/2023	1
12538#-AA-0	CGA CAPITAL LEASE BKO TRUST-UN 2012-SR-SEC 4.300% 01/31/30		03/10/2020	Redemption	100.0000	818,870	818,870	818,870	818,870						818,870				5,876	01/10/2030	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 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	
12538*-AA-4	CGA CREDIT LEASE BKD TRUST-ELI SR-SEC 3.300% 07/31/27		03/10/2020	Redemption	100.0000																	
12539*-AA-9	CGA CREDIT LEASED BACK TRUST-B 2013-SR-SEC 4.823% 04/10/41		03/10/2020	Redemption	101.6329	705,938	694,596	694,596	694,596		11,342		11,342		705,938				5,545	04/10/2041	1	
12539*-AA-3	CREDIT LEASE-BKD PT-APACHE 2013-SR-SEC 4.270% 08/15/33		03/05/2020	Redemption	100.0000	365,431	365,431	365,431	365,431						365,431				2,604	08/05/2033	2	
12540*-AA-6	CGA CAPITAL LEASE BKD TRUST-RI 2013-SR-SEC 4.738% 12/10/33		03/10/2020	Redemption	100.0000	116,322	116,322	116,322	116,322						116,322				920	12/10/2033	1	
12540*-AA-8	CGA CAP CR LEASE-BKD PT TRUST- SR-SEC 4.700% 07/10/40		03/10/2020	Redemption	100.0000	395,367	395,367	395,367	395,367						395,367				3,101	07/10/2040	2	
12543*-AD-4	CIHL 2006-J3 A4 SEQ NAS 5.500% 05/25/36		03/01/2020	Paydown		93,633	93,633	90,816	41,688		51,945		51,945		93,633				872	05/25/2036	1FM	
12543*-AD-7	CIHL 2006-13 1A4 SSNR NAS 6.250% 09/25/36		03/01/2020	Paydown		185,230	185,230	116,145	90,441		59,312		59,312		149,753		(33,608)	(33,608)	1,676	09/25/2036	1FM	
12543*-AD-4	CIHL 2006-15 A4 SEQ AS 6.250% 10/25/36		03/01/2020	Paydown		562,378	543,623	298,410	295,373		256,824		256,824		552,196		10,182	10,182	6,408	10/25/2036	1FM	
12543*-AE-2	CIHL 2006-15 A5 NAS 6.250% 10/25/36		03/01/2020	Paydown		282,094	272,685	157,157	155,044		121,705		121,705		276,749		5,345	5,345	3,214	10/25/2036	1FM	
12543*-AD-8	CIHL 2006-19 1A4 SSNR NAS 6.000% 01/25/37		03/01/2020	Paydown		279,229	267,128	134,037	115,877		158,183		158,183		274,061		5,168	5,168	3,331	01/25/2037	1FM	
12544*-AC-9	CIHL 2006-20 1A3 SSNR AS 6.000% 02/25/37		03/01/2020	Paydown		292,157	315,585	198,394	184,914		120,881		120,881		305,795		(13,638)	(13,638)	3,073	02/25/2037	1FM	
12544*-AC-9	CIHL 2006-20 1A26 EXCH NAS 6.000% 02/25/37		03/01/2020	Paydown		124,088	134,039	55,259	29,224		97,004		97,004		126,227		(2,139)	(2,139)	1,305	02/25/2037	1FM	
12544*-BB-0	CIHL 2006-20 1A33 EXCH AS 6.000% 02/25/37		03/01/2020	Paydown		23,511	25,396	23,511	23,511		23,511		23,511		23,511				247	02/25/2037	1FM	
12544*-AK-5	CIHL 2007-14 A10 SSNR NAS 6.000% 09/25/37		03/01/2020	Paydown		142,735	143,162	88,740	83,222		59,756		59,756		142,978		(243)	(243)	1,459	09/25/2037	1FM	
12544*-AQ-2	CIHL 2007-14 A15 SSNR AS 6.500% 09/25/37		03/01/2020	Paydown		102,485	102,791	68,642	65,078		37,597		37,597		102,675		(191)	(191)	1,135	09/25/2037	1FM	
12544*-AK-7	CIHL 2007-11 A10 SSNR NAS 6.000% 08/25/37		03/01/2020	Paydown		249,255	259,440	176,081	162,307		93,300		93,300		255,606		(6,351)	(6,351)	2,403	08/25/2037	1FM	
12544*-AL-2	CIHL 2007-4 1A11 NAS 5.750% 05/25/37		03/01/2020	Paydown		51,505	72,987	24,193	23,590		34,751		34,751		58,341		(6,836)	(6,836)	825	05/25/2037	1FM	
12545*-AU-4	CIHL 2007-10 A19 SSNR NAS 6.000% 07/25/37		03/01/2020	Paydown		272,320	299,715	138,379	133,448		151,120		151,120		284,568		(12,248)	(12,248)	3,532	07/25/2037	1FM	
12550*-BS-7	CIGNA HOLDING CO CO GUARNT 4.000% 02/15/22		03/17/2020	TENDER SALE		51,017,000	50,000,000	49,521,000	49,883,341		11,251		11,251		49,894,592		1,122,408	1,122,408	1,188,889	02/15/2022	2FE	
12555*-AA-8	STATE OF CALIFORNIA-CHP MOJAVE SR-SEC 5.600% 08/16/33		03/16/2020	Redemption	100.0000	126,608	126,608	126,608	126,608						126,608				1,183	08/16/2033	1	
12555*-AA-0	CGA CAP CR LEASEBKD-WHOLE FOOD SR-SEC 5.060% 10/10/38		03/10/2020	Redemption	100.0000	61,821	61,821	61,821	61,821						61,821				522	10/10/2038	1	
12556*-AA-1	STATE OF CALIFORNIA-CHP GRASS SR-SEC 4.270% 03/15/33		03/15/2020	Redemption	100.0000	103,027	103,027	103,027	103,027						103,027				734	03/15/2033	1	
12557*-AA-6	STATE OF CALIFORNIA-CHP STOCK SR-SEC 4.310% 03/15/36		03/15/2020	Redemption	100.0000	196,670	196,670	196,670	196,670						196,670				1,414	03/15/2036	1	
12558*-AA-5	CHP LEASE-BKD PT TR-CHPS HQ SR-SEC 3.970% 10/15/29		03/15/2020	Redemption	100.0000	963,584	963,584	963,584	963,584						963,584				6,302	10/15/2029	1	
12558*-AA-7	CGA LEASE-BKD TRUST-NIH CTL 2015 - 14 REAL ESTATE AS P 3.605% 09/10/35		03/10/2020	Redemption	100.0000	1,187,312	1,187,312	1,187,312	1,187,312						1,187,312				7,141	09/10/2035	1	
12563*-AE-7	CLIF 2017-1A A SEQ 3.620% 05/18/42		03/18/2020	Paydown		416,430	416,430	416,383	416,386		44		44		416,430				2,464	05/18/2042	1FE	
12566*-AG-6	OMALT 2006-A6 1A7 SSNR NAS 6.000% 11/25/36		03/01/2020	Paydown		308,225	445,816	312,882	340,027		73,299		73,299		413,326		(105,101)	(105,101)	5,210	11/25/2036	1FM	
12566*-AG-6	OMALT 2007-A7 1A5 SSNR NAS 6.250% 07/25/37		03/01/2020	Paydown		208,022	238,321	147,759	152,373		75,010		75,010		227,383		(19,361)	(19,361)	2,475	07/25/2037	1FM	
12566*-AG-3	OMALT 2007-A7 1A7 SSNR NAS 6.250% 07/25/37		03/01/2020	Paydown		100,398	115,021	69,496	76,807		33,361		33,361		110,168		(9,770)	(9,770)	1,195	07/25/2037	1FM	
12585*-AA-2	CGA CAPITAL LEASE-BKD TRUST-BE 4.226% 10/10/41		03/10/2020	Redemption	100.0000	161,862	161,862	161,862	161,862						161,862				1,141	10/10/2041	1	
12586*-AA-5	CGA CAPITAL TRUST LEASE BACKED 3.379% 12/10/36		03/10/2020	Redemption	100.0000	789,991	789,991	789,991	789,991						789,991				4,453	12/10/2036	1	
12592*-ER-4	CMC4 1997-2 1A1 PZ W CPT AS 0.000% 11/25/27		03/01/2020	Paydown		11	623				11		11		11				430	11/25/2027	1FM	
12594*-AA-5	CGA CAPITAL CREDIT LEASE-BKD P 3.577% 08/10/32		03/10/2020	Redemption	100.0000	249,626	249,626	249,626	249,626						249,626				1,490	08/10/2032	1	
12595*-AA-0	BNSF CGA CAPITAL CREDIT LEASE 4.400% 04/05/50		03/05/2020	Redemption	100.0000	24,499	24,499	24,499	24,499						24,499				163	04/05/2050	1	
12597*-AA-2	CGA CAPITAL CREDIT LEASE-STATE SR-SEC 4.102% 12/10/26		03/10/2020	Redemption	100.0000	537,577	537,577	537,577	537,577						537,577				3,679	12/10/2026	1	
12598*-AA-1	CGA CAPITAL CREDIT LEASE-BKD P SR-SEC 4.476% 08/10/38		03/10/2020	Redemption	100.0000	1,780,960	1,780,960	1,789,865	1,789,028		(8,068)		(8,068)		1,780,960				12,924	08/10/2038	1PL	

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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
12605*-AA-2	CGA CAPITAL CR LEASE-BKD TR-SE SR-UNSEC 3.967% 02/10/29		03/10/2020	Redemption	100.0000																
12607*-AA-6	CGA CAP CR LEASE-BKD PT TR SER SR-SEC 4.900% 11/30/43		03/10/2020	Redemption	100.0000																
12607*-AA-6	CGA CAP CR LEASE-BKD PT TR SER SR-SEC 4.900% 11/30/43		01/11/2020	Redemption	100.0000																
126378-AH-1	CSMC 2007-2 3A5 SEQ AS 5.500% 03/25/37		03/01/2020	Paydown																	
126384-AR-7	CSMC 2014-SAF1 A8 AFC 4.000% 03/25/44		03/01/2020	Paydown																	
12648F-AK-5	CTL 2009-14 TRUST-NYU LONDON 6 SR-SEC 6.275% 07/15/30		03/15/2020	Redemption	100.0000																
12649#-AA-6	CTL PT TRUST SER 2013-TD BK NA SR-SEC 4.090% 01/15/34		03/15/2020	Redemption	100.0000																
1264K#-AA-3	CTL PT TR SER 2017-CUMMINS SR-SEC 3.808% 08/15/37		03/15/2020	Redemption	100.0000																
1264K@-AA-5	CTL 2010-2 TRUST-LEHIGH VALLEY SR-SEC 6.365% 08/15/29		03/15/2020	Redemption	100.0000																
12652*-AA-4	CTL 2010-2 TRUST-LEHIGH VALLEY SR-SEC 6.365% 08/15/29		02/15/2020	Redemption	100.0000																
12652*-AA-4	CTL 2010-2 TRUST-LEHIGH VALLEY SR-SEC 6.365% 08/15/29		01/15/2020	Redemption	100.0000																
12654@-AA-0	WELLS FARGO BK NII NA-DEUTSCHE SR-SEC 4.910% 03/15/26		03/15/2020	Redemption	100.0000																
12655#-AA-7	CTL PT TRUST-GSA ERIE 2011-SR-SEC 4.500% 05/15/25		03/15/2020	Redemption	100.0000																
12656@-AA-8	CTL PT TRUST SER 2011-VA BEND SR-SEC 4.320% 10/15/32		03/15/2020	Redemption	100.0000																
12657*-AA-9	CTL PT TRUST-VA PARMA 2012-SR-SEC 5.000% 01/18/32		03/18/2020	Redemption	100.0000																
12665#-AA-5	WELLS FARGO BK NII-NA-CVS SR-SEC 5.634% 12/10/27		03/10/2020	Redemption	93.0075																
12665@-AQ-3	PT TRUST-CVS 144A SECONDARY SR-SEC 5.789% 01/10/26		03/10/2020	Redemption	100.0000																
12665@-BA-7	WELLS FARGO BK-CVS 2010 SECOND SR-SEC 5.411% 10/10/27		03/10/2020	Redemption	100.0000																
12665@-BP-4	CVS PASS-THROUGH TRUST PT CERTS 6.036% 12/10/28		03/10/2020	Redemption	100.0000																
12666*-AA-8	CVS LEASE-BKD TRUST 2006 B SR-SEC 6.323% 01/10/29		03/10/2020	Redemption	100.0000																
12666@-AA-6	CVS LEASE-BKD PT CERT SER 2007 SR-SEC 6.212% 03/10/28		03/10/2020	Redemption	100.0000																
12667@-CL-0	CIVIL 2005-11 AF6 AFC NAS 5.050% 02/25/36		03/01/2020	Paydown																	
12667@-GR-3	CIVIL 2005-13 AF4 AFC AS 5.805% 04/25/36		03/01/2020	Paydown																	
12667@-QT-8	CIVIL 2005-17 1AF3 AFC 5.711% 05/25/36		03/01/2020	Paydown																	
12667@-QU-5	CIVIL 2005-17 1AF4 STEP AFC 6.047% 05/25/36		03/01/2020	Paydown																	
12667@-QU-5	CIVIL 2004-2 M3 MEZ FLT STEP 2.297% 04/25/34		03/01/2020	Paydown																	
126671-4B-9	CIVIL 2002-5 MF2 MEZ NAS 5.266% 01/25/33		03/25/2020	Paydown																	
126671-TV-8	CIVIL 2004-1 M1 MEZ FLT STEP IRC 1.697% 03/25/34		03/01/2020	Paydown																	
126671-ZZ-5	CIVIL 2004-6 1A1 FLT STEP IRC 1.487% 12/25/34		03/25/2020	Paydown																	
126673-AW-2	CIVIL 2004-9 AF5 STEP AFC AS 5.797% 02/25/35		03/25/2020	Paydown																	
126673-FZ-0	CIVIL 2004-10 AF5A STEP AFC AS 4.603% 02/25/35		03/01/2020	Paydown																	
126673-JA-1	CIVIL 2005-4 AF6 AFC NAS 4.740% 10/25/35		03/01/2020	Paydown																	
126673-NQ-9	CIVIL 2005-4 AF6 AFC NAS 4.740% 10/25/35		03/01/2020	Paydown																	

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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
126673-ND-0	CIVL 2004-12 AF5 STEP AFC AS 5.676% 04/25/35		03/01/2020	Paydown		278,573	278,573	273,984	277,518		1,054		1,054		278,573				2,177	04/25/2035	1FM
126673-NE-8	CIVL 2004-12 AF6 AFC NAS 4.634% 03/25/35		03/01/2020	Paydown		4,351	4,351	4,100	4,270		80		80		4,351				32	03/25/2035	1FM
126673-OX-3	CIVL 2004-13 AF6 AFC NAS 4.581% 04/25/35		03/01/2020	Paydown		7,930	7,930	6,486	7,374		557		557		7,930				50	04/25/2035	1FM
126673-SN-3	CIVL 2004-13 AF5B STEP AFC AS 5.103% 05/25/35		03/01/2020	Paydown		358,980	358,980	340,651	348,964		10,015		10,015		358,980				2,418	05/25/2035	1FM
126673-TW-2	CIVL 2004-15 AF6 AFC 4.613% 04/25/35		03/01/2020	Paydown		2,224	2,224	2,069	2,168		56		56		2,224				18	04/25/2035	1FM
126673-Y9-7	CIVL 2005-7 AF6 AFC NAS 4.693% 10/25/35		03/01/2020	Paydown		36,238	36,238	31,889	34,289		1,949		1,949		36,238				286	10/25/2035	1FM
126673-ZF-2	CIVL 2005-2 M4 MEZ FLT STEP IRC 2.012% 08/25/35		03/25/2020	Paydown		923,155	923,155	832,282	880,382		42,773		42,773		923,155				4,653	08/25/2035	1FM
126673-ZU-9	CIVL 2005-3 AF6 AFC NAS 5.219% 08/25/35		03/01/2020	Paydown		30,066	30,066	27,436	28,663		1,403		1,403		30,066				250	08/25/2035	1FM
12667F-2J-3	CWALT 2005-1CB 1A3 Z SSNR AS 5.500% 03/25/35		03/01/2020	Paydown		749,882	749,882	656,525	674,382		75,500		75,500		749,882				7,746	03/25/2035	1FM
12667F-4N-2	CWALT 2005-6CB 1A7 SSNR NAS 5.500% 04/25/35		03/01/2020	Paydown		107,126	118,428	95,806	99,827		16,829		16,829		116,656		(9,530)	(9,530)	1,030	04/25/2035	1FM
12667F-5J-0	CWALT 2005-J2 1A4 SSNR NAS 5.500% 04/25/35		03/01/2020	Paydown		176,218	176,218	168,381	174,259		1,960		1,960		176,218				1,830	04/25/2035	2FM
12667F-5Z-4	CWALT 2005-4 1A6 SSNR NAS 5.500% 04/25/35		03/01/2020	Paydown		239,189	239,189	207,362	205,791		33,399		33,399		239,189				2,332	04/25/2035	1FM
12667F-7D-1	CWALT 2005-4 1A6 SSNR NAS 5.500% 04/25/35		03/01/2020	Paydown		117,947	117,947	102,440	103,995		21,085		21,085		117,947		(7,133)	(7,133)	1,157	04/25/2035	1FM
12667F-AQ-8	CWALT 2004-2CB 1A9 Z AS 5.750% 03/25/34		03/01/2020	Paydown		1,711,929	1,711,929	1,552,496	1,659,003		52,926		52,926		1,711,929				13,964	03/25/2034	1FM
12667F-CG-8	CWALT 2004-4CB 1A6 Z AS 5.500% 04/25/34		03/01/2020	Paydown		773,326	773,326	743,076	764,809		8,517		8,517		773,326				5,780	04/25/2034	1FM
12667F-E6-8	CWALT 2004-J12 A4 NAS 5.500% 01/25/35		03/01/2020	Paydown		42,796	42,796	29,364	24,300		18,496		18,496		42,796				558	01/25/2035	1FM
12667F-G4-1	CWALT 2004-30CB 1A6 Z AS 5.500% 02/25/35		03/01/2020	Paydown		2,119,087	2,119,087	2,044,344	2,091,277		27,810		27,810		2,119,087				17,485	02/25/2035	1FM
12667F-G4-1	CWALT 2004-9T1 A11 SSNR NAS 5.500% 07/25/34		03/01/2020	Paydown		55,531	55,531	54,611	54,668		863		863		55,531				375	07/25/2034	1FM
12667F-HU-2	CWALT 2004-13CB A3 SEQ AS 6.000% 07/25/34		03/01/2020	Paydown		472,075	472,075	488,155	476,778		(4,703)		(4,703)		472,075				5,451	07/25/2034	1FM
12667F-MU-6	CWALT 2004-14T2 A8 SEQ SSNR AS 5.500% 08/25/34		03/01/2020	Paydown		207,552	207,552	196,904	197,476		10,076		10,076		207,552				2,970	08/25/2034	1FM
12667F-NB-4	CWALT 2004-34T1 A4 SSNR NAS 5.500% 02/25/35		03/01/2020	Paydown		33,961	33,961	34,146	33,969		(8)		(8)		33,961				409	02/25/2035	2FM
12667F-QQ-1	CWALT 2004-18CB 2A8 Z AS 6.000% 09/25/34		03/01/2020	Paydown		1,559,165	1,559,165	1,534,299	1,544,189		14,976		14,976		1,559,165				16,091	09/25/2034	1FM
12667F-RY-3	CWALT 2004-22CB 1A1 SEQ AS 6.000% 10/25/34		03/01/2020	Paydown		41,636	41,636	33,768	34,002		7,633		7,633		41,636				428	10/25/2034	1FM
12667F-VN-2	CWALT 2004-24CB 1A1 SEQ AS 6.000% 11/25/34		03/01/2020	Paydown		95,078	95,078	79,125	80,437		14,641		14,641		95,078				961	11/25/2034	1FM
12667F-W9-2	CWALT 2005-3CB 1A3 SEQ AS 5.500% 03/25/35		03/01/2020	Paydown		10,423	11,761	3,466	3,474		7,344		7,344		10,818		(395)	(395)	111	03/25/2035	1FM
12667F-X9-1	CWALT 2005-3CB 1A11 SEQ AS 5.500% 03/25/35		03/01/2020	Paydown		1,480	1,701	674	234		1,276		1,276		1,510		(31)	(31)	16	03/25/2035	1FM
12667F-YZ-2	CWALT 2004-28CB M SUB CSTR NAS 5.499% 01/25/35		03/01/2020	Paydown		(851)	309,906		(745)		(106)		(106)		(851)				1,300	01/25/2035	6FM
12667F-ZH-1	CWALT 2004-29CB A3 SSNR NAS 5.500% 01/25/35		03/01/2020	Paydown		882,635	882,635	867,566	873,047		9,588		9,588		882,635				7,933	01/25/2035	1FM
12667F-ZK-4	CWALT 2004-29CB A5 Z AS 5.500% 01/25/35		03/01/2020	Paydown		827,891	827,891	791,046	821,428		6,463		6,463		827,891				7,440	01/25/2035	1FM
12667G-AC-7	CWALT 2005-13CB A3 SEQ AS 5.500% 05/25/35		03/01/2020	Paydown		53,218	61,938	29,111	17,287		38,350		38,350		55,637		(2,419)	(2,419)	542	05/25/2035	1FM
12667G-BA-0	CWALT 2005-10CB 1A5 SSNR NAS 5.500% 05/25/35		03/01/2020	Paydown		550,446	569,949	526,915	521,792		46,512		46,512		568,304		(17,857)	(17,857)	5,815	05/25/2035	1FM
12667G-EK-5	CWALT 2005-9CB 1A1 FLT IRC AS 1.447% 05/25/35		03/25/2020	Paydown		109,871	123,227	92,969	90,220		29,473		29,473		119,693		(9,821)	(9,821)	475	05/25/2035	1FM
12667G-EP-4	CWALT 2005-9CB 1A5 FLT IRC AS 1.447% 05/25/35		03/25/2020	Paydown		54,398	61,010	44,136	44,461		14,778		14,778		59,239		(4,841)	(4,841)	235	05/25/2035	1FM
12667G-FB-4	CWALT 2005-18CB A5 SSNR NAS 5.500% 05/25/35		03/01/2020	Paydown		691,568	691,568	626,997	623,191		68,377		68,377		691,568				6,414	05/25/2035	1FM
12667G-FT-5	CWALT 2005-9CB 1A7 SEQ AS 5.500% 05/25/35		03/01/2020	Paydown		199,728	224,002	163,004	167,130		50,709		50,709		217,839		(18,111)	(18,111)	2,140	05/25/2035	1FM
12667G-JF-1	CWALT 2005-11CB 2A3 SSNR NAS 5.500% 06/25/35		03/01/2020	Paydown		59,875	59,875	38,129	31,039		28,837		28,837		59,875				638	06/25/2035	1FM
12667G-JG-9	CWALT 2005-11CB 2A4 SSNR NAS 5.500% 06/25/35		02/01/2020	Paydown		90,440	90,440	84,019	87,330		3,110		3,110		90,440				703	06/25/2035	1FM

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STATEMENT AS OF MARCH 31, 2020 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
12667G-JG-9	CWALT 2005-11CB 2A4 SSNR NAS 5.500%		06/25/35			84,366	84,366	78,377	81,465		2,901		2,901		84,366				1,160	06/25/2035	2FM
12667G-JJ-3	CWALT 2005-11CB 2A6 AD AS 5.500% 06/25/35		03/01/2020	Paydown		203,425	206,548	103,788	75,622		128,953		128,953		204,575		(1,150)	(1,150)	2,222	06/25/2035	1FM
12667G-JR-5	CWALT 2005-11CB 3A1 Z SSNR NAS 5.500%		06/25/35			702,561	702,561	618,316	617,930		84,632		84,632		702,561				7,000	06/25/2035	1FM
12667G-KE-2	CWALT 2005-21CB A5 NAS 5.500% 06/25/35		03/01/2020	Paydown		92,317	128,057	93,607	95,672		23,301		23,301		118,973		(26,656)	(26,656)	1,169	06/25/2035	1FM
12667G-LE-1	CWALT 2005-23CB A4 SSNR NAS 5.500% 07/25/35		03/01/2020	Paydown		307,614	307,614	281,393	294,579		13,035		13,035		307,614				2,879	07/25/2035	1FM
12667G-PT-4	CWALT 2005-20CB 1A1 SEQ AS 5.500% 07/25/35		03/01/2020	Paydown		64,148	64,886	27,908	15,165		49,154		49,154		64,319		(172)	(172)	587	07/25/2035	1FM
12667G-QA-4	CWALT 2005-20CB 2A4 SSNR NAS 5.500%		07/25/35			318,995	371,863	270,574	263,626		92,621		92,621		356,248		(37,253)	(37,253)	3,269	07/25/2035	1FM
12667G-TM-5	CWALT 2005-26CB A1 FLT IRC AS 1.447%		07/25/35			86,023	93,945	45,690	43,944		45,804		45,804		89,748		(3,725)	(3,725)	394	07/25/2035	1FM
12667G-TS-2	CWALT 2005-26CB A6 NAS 5.500% 07/25/35		03/01/2020	Paydown		61,001	66,618	33,853	24,501		38,553		38,553		63,054		(2,054)	(2,054)	696	07/25/2035	1FM
12667G-UG-6	CWALT 2005-29CB A4 AD AS 5.000% 07/25/35		03/01/2020	Paydown		46,513	46,540	18,365	16,362		30,161		30,161		46,523		(9)	(9)	476	07/25/2035	1FM
12667G-W7-4	CWALT 2005-34CB 1A4 SSNR NAS 5.500%		09/25/35			57,149	60,986	55,754	54,499		6,073		6,073		60,572		(3,423)	(3,423)	839	09/25/2035	1FM
12667G-W7-4	CWALT 2005-34CB 1A4 SSNR NAS 5.500%		09/25/35			115,160	115,160	105,280	102,911		12,250		12,250		115,160				895	09/25/2035	2FM
12667G-WF-6	CWALT 2005-36 2A1A FLT STEP AFC SSNR 1.257%		08/25/35			157,622	200,976	74,644	54,985		114,811		114,811		169,796		(12,174)	(12,174)	774	08/25/2035	1FM
12667G-WY-5	CWALT 2005-28CB 1A9 FLT AS 1.497% 08/25/35		03/25/2020	Paydown		113,840	114,095	78,608	75,173		38,833		38,833		114,006		(166)	(166)	458	08/25/2035	1FM
12668*-AA-6	CVS LEASE BKD PT CTF SER 2008B SR-SEC 8.235% 01/15/34		03/15/2020	Redemption	100.0000	61,203	61,203	61,203	61,203					61,203					842	01/15/2034	2
12668A-AG-0	CWALT 2005-47CB A7 SEQ SSNR AS 5.500%		10/25/35			192,415	228,664	114,273	111,380		98,525		98,525		209,905		(17,490)	(17,490)	2,535	10/25/2035	1FM
12668A-BN-4	CWALT 2005-J10 1A16 PAC-11 AS 5.500%		10/25/35			615,517	617,328	118,087	111,815		504,030		504,030		615,845		(328)	(328)	6,234	10/25/2035	1FM
12668A-MH-5	CWALT 2005-49CB A3 SSNR NAS 5.500% 11/25/35		03/01/2020	Paydown		318,090	318,090	285,248	284,850		33,241		33,241		318,090				2,684	11/25/2035	1FM
12668A-SQ-9	CWALT 2005-J12 1A2 STEP AFC AS 5.765%		11/25/35			103,704	103,704	60,587	58,451		45,253		45,253		103,704				948	11/25/2035	1FM
12668A-SR-7	CWALT 2005-J12 1A3 STEP AFC AS 6.074%		11/25/35			53,791	53,791	29,758	26,165		27,626		27,626		53,791				491	11/25/2035	1FM
12669*-AA-5	WELLS FARGO-CVS 2010 SALE LEAS SR-SEC 6.830% 10/10/32		03/10/2020	Redemption	100.0000	763,228	763,228	763,228	763,228					763,228					8,705	10/10/2032	2
126694-AG-3	CWALT 2005-19 1A7 Z AS 5.500% 08/25/35		03/01/2020	Paydown		421,914	422,463	306,499	321,193		101,139		101,139		422,331		(417)	(417)	3,890	08/25/2035	1FM
126694-AJ-7	CWALT 2005-19 1A9 SSNR NAS 5.500% 08/25/35		03/01/2020	Paydown		148,306	148,499	126,251	127,615		20,857		20,857		148,471		(166)	(166)	1,367	08/25/2035	1FM
126694-CE-6	CWALT 2005-21 A2 SSNR AS 5.500% 10/25/35		03/01/2020	Paydown		328,506	298,112	151,182	135,181		179,543		179,543		314,724		13,783	13,783	2,827	10/25/2035	1FM
126694-HK-7	CWALT 2005-25 A6 SSNR NAS 5.500% 11/25/35		03/01/2020	Paydown		81,465	81,465	70,486	69,833		11,815		11,815		81,648		(183)	(183)	585	11/25/2035	2FM
126694-JS-8	CWALT 2005-24 A2 SEQ AS 5.500% 11/25/35		03/01/2020	Paydown		293,665	312,791	217,148	213,157		93,540		93,540		306,697		(13,031)	(13,031)	2,936	11/25/2035	1FM
126694-RG-5	CWALT 2005-27 1A7 AD SSNR AS 5.500% 12/25/35		03/01/2020	Paydown		83,485	83,485	52,797	50,044		33,441		33,441		83,485				632	12/25/2035	1FM
126694-PP-5	CWALT 2005-J4 A6 SEQ AS 5.500% 11/25/35		03/01/2020	Paydown		22,764	23,756	20,047	20,008		3,591		3,591		23,600		(836)	(836)	268	11/25/2035	1FM
126694-TU-2	CWALT 2005-30 A5 SSNR AS 5.500% 01/25/36		03/01/2020	Paydown		122,219	122,242	98,518	84,453		37,782		37,782		122,235		(16)	(16)	601	01/25/2036	1FM
126694-TW-8	CWALT 2005-30 A7 SSNR AS 5.500% 01/25/36		03/01/2020	Paydown		412,071	412,152	328,033	331,732		80,404		80,404		412,136		(65)	(65)	2,027	01/25/2036	1FM
126694-W6-1	CWALT 2006-9 A5 Z PAC-11 AS 6.000% 05/25/36		03/01/2020	Paydown		137,792	335,327	202,759	205,493		53,113		53,113		258,606		(120,813)	(120,813)	3,434	05/25/2036	1FM
126694-XQ-6	CWALT 2006-J1 1A2 SEQ AS 5.750% 02/25/36		03/01/2020	Paydown		286,841	312,137	88,006	71,920		220,596		220,596		292,516		(5,675)	(5,675)	4,310	02/25/2036	1FM
12669C-TT-1	CWALT 2002-18 A8 SSNR NAS 6.000% 11/25/32		03/01/2020	Paydown		32,004	32,004	32,004	32,004					32,004					321	11/25/2032	1FM
12669D-BA-5	CWALT 2002-19 1A1 NAS 6.250% 11/25/32		03/01/2020	Paydown		43,357	43,357	43,357	43,357					43,357					662	11/25/2032	2FM
12669E-PB-3	CWALT 2003-44 A10 SSNR NAS 5.000% 10/25/33		03/01/2020	Paydown		100,267	100,267	95,636	95,902		4,366		4,366		100,267				614	10/25/2033	1FM
12669F-K2-8	CWALT 2004-13 2A3 PAC-11 SSNR AS 5.750%		08/25/34			49,587	49,587	49,016	49,033		554		554		49,587				915	08/25/2034	1FM
12669F-S2-0	CWALT 2004-13 2A18 SEQ SSNR AS 6.000%		08/25/34			50,967	50,967	50,818	50,814		153		153		50,967				981	08/25/2034	1FM

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STATEMENT AS OF MARCH 31, 2020 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
12669F-WP-4	CIHL 2004-5 2A19 PAC-11 AS 5.250% 05/25/34		03/01/2020	Paydown		192,913	192,913	187,894	188,144		4,770		4,770		192,913				1,772	05/25/2034	1FM
12669F-ZL-0	CIHL 2004-8 1A4 NAS 5.250% 07/25/34		03/01/2020	Paydown		389,634	389,634	361,020	362,969		26,665		26,665		389,634				3,001	07/25/2034	1FM
12669G-3M-1	CIHL 2005-16 A19 SEQ AS 5.500% 09/25/35		03/01/2020	Paydown		11,201	11,201				11,201		11,201		11,201				64	09/25/2035	1FM
12669G-4K-4	CIHL 2005-17 1A8 SSNR NAS 5.500% 09/25/35		03/01/2020	Paydown		47,545	48,479	25,388	15,431		32,409		32,409		47,840		(295)	(295)	446	09/25/2035	1FM
12669G-5U-1	CIHL 2004-HYB6 A2 CSTR PT SSNR AS 3.921% 11/20/34		03/01/2020	Paydown		100,789	100,803	62,709	67,743		33,056		33,056		100,799		(10)	(10)	1,182	09/25/2035	1FM
12669G-BA-8	CIHL 2004-24 A1 SEQ AS 5.500% 12/25/34		03/01/2020	Paydown		56,337	56,337	49,546	46,819		9,518		9,518		56,337				282	11/20/2034	1FM
12669G-CP-4	CIHL 2005-J2 2A1 FLT PAC-11 AS 1.347%		03/01/2020	Paydown		251,279	251,279	220,209	227,312		23,967		23,967		251,279				2,661	12/25/2034	1FM
12669G-U2-5	CIHL 2005-J2 2A1 FLT PAC-11 AS 1.347%		03/25/2020	Paydown		3,344	3,344	2,402	2,195		1,150		1,150		3,344				12	08/25/2035	1FM
12669G-W4-9	CIHL 2005-J2 3A13 SEQ AS 6.000% 08/25/35		03/01/2020	Paydown		136,741	136,741	96,951	79,634		57,107		57,107		136,741				1,272	08/25/2035	1FM
12669G-WU-1	CIHL 2005-HYB2 2A CSTR PT AS 3.762%		03/01/2020	Paydown		613,572	613,572	576,166	580,618		32,954		32,954		613,572				4,200	05/20/2035	1FM
12669G-XM-8	CIHL 2005-12 1A4 SSNR NAS 5.250% 05/25/35		03/01/2020	Paydown		193,128	193,128	137,617	112,625		80,503		80,503		193,128				2,020	05/25/2035	1FM
12669G-YM-7	CIHL 2005-10 A2 SEQ AS 5.500% 05/25/35		03/01/2020	Paydown		160,251	160,251	111,882	97,498		60,715		60,715		160,251		(3,172)	(3,172)	908	05/25/2035	1FM
12669Y-AC-6	CIHL 2006-J4 A3 SEQ AS 6.250% 09/25/36		03/01/2020	Paydown		37,746	37,746	49,302	9,930		30,143		30,143		40,074		(2,327)	(2,327)	439	09/25/2036	1FM
12669Y-AE-2	CIHL 2006-J4 A5 NAS 6.250% 09/25/36		03/01/2020	Paydown		136,519	136,519	178,315	178,315		136,519		136,519		136,519				1,588	09/25/2036	1FM
12669Y-AF-9	CIHL 2006-J4 A6 SEQ SSNR AS 6.000% 09/25/36		03/01/2020	Paydown		200,177	261,463	69,991	48,565		162,995		162,995		211,560		(11,383)	(11,383)	2,235	09/25/2036	1FM
12669Y-AH-5	CIHL 2006-J4 A8 SEQ AS 6.500% 09/25/36		03/01/2020	Paydown		146,558	191,429	41,624	26,579		126,209		126,209		152,788		(6,230)	(6,230)	1,773	09/25/2036	1FM
12669Y-AX-0	CIHL 2006-J4 A12 NAS 6.250% 09/25/36		03/01/2020	Paydown		140,951	184,105	41,261	26,669		120,533		120,533		147,202		(6,251)	(6,251)	1,640	09/25/2036	1FM
12670A-AF-8	CVS LEASE BKD PT PRIVATE PLACE 2011-SR-SEC 5.500% 12/10/33		03/01/2020	Paydown	100.0000	977,460	1,022,289	519,816	477,017		521,346		521,346		998,363		(20,903)	(20,903)	10,471	09/25/2036	1FM
12671*-AA-1	CBD GROUND LEASE TRUST-TAMPA 2014-SR-SEC 3.854% 09/15/43		03/15/2020	Redemption	100.0000	751,266	751,266	751,266	751,266						751,266				6,897	12/10/2033	2
12682@-AA-6	CSCC LLC SR 3.790% 06/30/32		03/30/2020	Redemption	100.0000	769,000	769,000	769,000	769,000						769,000				7,286	06/30/2032	2
12684#-AA-2	CTL PT TR SER 2016-UNM 3.770% 07/20/47		03/20/2020	Redemption	100.0000	55,906	55,906	56,466	56,416		(509)		(509)		55,906				527	07/20/2047	1
12695@-AA-1	CTL PT TR SER 2016-UNM 3.770% 07/20/47		02/20/2020	Redemption	100.0000	55,731	55,731	56,289	56,239		(507)		(507)		55,731				350	07/20/2047	1YE
12695@-AA-1	CTL PT TR SER 2016-UNM 3.770% 07/20/47		01/20/2020	Redemption	100.0000	55,557	55,557	56,112	56,063		(506)		(506)		55,557				175	07/20/2047	1Z
12696#-AA-8	CTL PT TRUST-HSS 4.210% 09/15/47		03/15/2020	Redemption	100.0000	29,316	29,316	29,604	29,581		(265)		(265)		29,316				309	09/15/2047	1PL
12696#-AA-8	CTL PT TRUST-HSS 4.210% 09/15/47		02/15/2020	Redemption	100.0000	39,336	39,336	39,723	39,691		(355)		(355)		39,336				207	09/15/2047	1Z
12696@-AA-0	CTL PT TR SER 2016-HUMC/SHU 4.065% 12/15/41		03/15/2020	Redemption	100.0000	109,415	109,415	112,697	112,214		(2,799)		(2,799)		109,415				742	12/15/2041	1
12698@-AA-8	CTL PT TRUST-SER 2017-POST FAL 4.606%		08/31/37	Redemption	100.0000	158,859	158,859	158,859	158,859						158,859				1,221	08/31/2037	2
12700#-AA-2	CTL PT TRUST-SER 2017-HOSPITAL 4.050%		03/15/2020	Redemption	100.0000	90,838	90,838	90,838	90,838						90,838				614	07/15/2043	1Z
12700*-AA-6	CTL PT TR SER 2016-SANDIA 4.500% 08/15/27		03/15/2020	Redemption	100.0000	442,415	442,415	442,415	442,415						442,415				3,322	08/15/2027	1
12700@-AA-4	CTL PT TR SER 2017-GHS 4.960% 05/15/48		03/15/2020	Redemption	100.0000	124,748	124,748	125,995	125,915		(1,167)		(1,167)		124,748				1,033	05/15/2048	1
12701*-AA-0	CVS ROCHESTER 2017 LEASE-BKD P 4.800%		03/15/2020	Redemption	100.0000	29,409	29,409	29,409	29,409						29,409				236	01/15/2042	2
12702*-AA-4	CVS LEASE-BKD PT CTF SER 2017 3.901%		03/10/39	Redemption	100.0000	307,076	307,076	307,076	307,076						307,076				1,999	10/10/2039	2
12703#-AA-9	CTL PT TR SER 2017-COUNTY OF R SR-SEC 4.280% 07/15/45		03/15/2020	Redemption	100.0000	80,567	80,567	80,567	80,567						80,567				862	12/15/2044	1
12703#-AA-9	CTL PT TR SER 2017-COUNTY OF R SR-SEC 4.280% 07/15/45		02/16/2020	Redemption	100.0000	80,281	80,281	80,281	80,281						80,281				573	12/15/2044	1YE

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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
12703#-AA-9	CTL PT TR SER 2017-COUNTY OF R SR-SEC 4.280% 07/15/45		01/15/2020	Redemption	100.0000	79,996	79,996	79,996	79,996						79,996				285	12/15/2044	1Z
12703*-AA-3	CTL PT TR SER 2017-UPS CTL SR-SEC 4.050% 05/15/45		03/15/2020	Redemption	100.0000	108,598	108,598	108,598	108,598						108,598				725	05/15/2045	1
12705*-AA-1	CTL PT TR SER 2017-WEST VA UNI SR-SEC 4.450% 07/10/56		03/10/2020	Redemption	100.0000	106,395	106,395	106,395	106,395						106,395				790	07/10/2056	1
12705@-AA-9	ONMC CTL LEASE-BKD PT TRUST-CH SR-SEC 3.720% 07/15/39		03/15/2020	Redemption	100.0000	44,856	44,856	44,856	44,856						44,856				417	07/15/2039	1PL
12706#-AA-6	CTL PT TRUST-SER 2018-PERRIS-R SR-SEC 4.720% 04/15/49		03/15/2020	Redemption	100.0000	48,125	48,125	48,125	48,125						48,125				328	04/15/2049	1
12707#-AA-5	CTL PT TR SER 2018-MARSHALL UN SR-SEC 5.090% 07/15/54		03/15/2020	Redemption	100.0000	10,887	10,887	11,012	11,008			(122)	(122)		10,887				92	07/15/2054	1
12708*-AA-8	CTL PHILADELPHIA LEASE FINANCE SR-SEC 4.008% 12/28/26		03/06/2020	Redemption	100.0000	576,866	576,866	576,866	576,866						576,866				5,780	12/28/2026	1
12709@-AA-5	CTL PT TR SER 2018-INTL FLAVOR SR-SEC 4.430% 05/15/43		03/15/2020	Redemption	100.0000	189,165	189,165	189,165	189,165						189,165				1,383	05/15/2043	2
12710*-AA-4	CTL PT TRUST SER 2018-WV MORG SR-SEC 4.484% 11/15/48		03/15/2020	Redemption	100.0000	111,775	111,775	111,775	111,775						111,775				836	11/15/2048	1
12716*-AA-8	FEDEX BUFFALO TR CTF-FEDERAL SR-SEC 4.000% 11/20/29		03/20/2020	Redemption	100.0000	125,446	125,446	125,446	125,446						125,446				1,046	11/20/2029	21F
12716*-AA-8	FEDEX BUFFALO TR CTF-FEDERAL SR-SEC 4.000% 11/20/29		01/20/2020	Redemption	100.0000	62,411	62,411	62,411	62,411						62,411				208	11/20/2029	2Z
12716@-AA-6	(LEHIGH VALLEY 2019) CTL PASS- 3.570% 05/15/34		03/15/2020	Redemption	100.0000	309,640	309,640	309,640	309,640						309,640				2,304	05/15/2034	11F
12716@-AA-6	(LEHIGH VALLEY 2019) CTL PASS- 3.570% 05/15/34		01/15/2020	Redemption	100.0000	154,131	154,131	154,131	154,131						154,131				459	05/15/2034	1Z
12717@-AA-5	CVS PORTFOLIO 2019 CVS LEASE- SR-SEC 3.860% 11/10/41		03/10/2020	Redemption	100.0000	221,684	221,684	221,684	221,684						221,684				1,428	11/10/2041	2PL
12718#-AA-2	LOWE'S HANOVER NJ CTL 2019-15 SR-SEC 3.420% 08/21/39		03/15/2020	Redemption	100.0000	20,659	20,659	20,659	20,659						20,659				167	08/21/2039	2
12718#-AA-2	LOWE'S HANOVER NJ CTL 2019-15 SR-SEC 3.420% 08/21/39		02/15/2020	Redemption	100.0000	66,002	66,002	66,002	66,002						66,002				215	08/21/2039	2Z
12718@-AA-4	COSTCO BAYONNE NJ CTL 2019-16 SR-SEC 3.330% 03/31/44		03/15/2020	Redemption	100.0000	107,624	107,624	107,624	107,624						107,624				418	03/31/2044	1Z
12719*-AA-5	STATE OF GEORGIA CTL PT TR SE SR-SEC 3.550% 06/10/34		03/10/2020	Redemption	100.0000	190,669	190,669	190,669	190,669						190,669				992	06/10/2034	1Z
13219#-AA-4	CAMBRIDGE HEALTHCARE SOLUTIONS SR-SEC PIKS FRM 10/17 TO 10/18 3.642% 08/15/37		03/15/2020	Redemption	100.0000	573,320	573,320	573,321	573,453			(132)	(132)		573,320				3,566	08/15/2037	1
14421@-AA-8	CAROLINAS HEALTHCARE PT TRUST- SR-SEC 3.835% 08/10/38		03/10/2020	Redemption	100.0000	229,965	229,965	229,965	229,965						229,965				1,471	08/10/2038	1
14575H-AA-6	CAUTO 2016-1A A SEQ 4.550% 02/15/46		03/16/2020	Paydown	100.0000	101,775	101,775	101,738	101,757			18	18		101,775				777	02/15/2046	1FE
14841#-AA-8	CASTLE & COOKE NRC PROP 4-LLC SR-SEC 5.790% 10/10/28		03/10/2020	Redemption	100.0000	455,769	455,769	455,769	455,769						455,769				4,405	10/10/2028	1
14841@-AA-0	CASTLE & COOKE NRC PROP 2-LLC SR-SEC 5.675% 07/10/28		03/10/2020	Redemption	100.0000	522,238	522,238	522,238	522,238						522,238				4,947	07/10/2028	1
14855J-AB-1	CLAST 2016-1 A SEQ 4.450% 08/15/41		03/15/2020	Paydown	100.0000	658,161	658,161	657,968	657,989			171	171		658,161				4,948	08/15/2041	1FE
15132E-DD-7	CDMC 2003-4 1A5 SEQ RTL AS 5.500% 05/25/33		03/01/2020	Paydown	100.0000	46,740	46,740	45,571	46,335			404	404		46,740				429	05/25/2033	1FM
15132E-EA-2	CDMC 2003-6 A4 RTL NAS 5.500% 07/25/33		03/01/2020	Paydown	100.0000	13,618	13,618	14,056	13,861			(243)	(243)		13,618				125	07/25/2033	1FM
15200M-AB-3	ONP 2008-A A2 SEQ 5.234% 02/01/23		02/01/2020	Paydown	100.0000	1,713,336	1,713,336	1,668,360	1,710,821			2,515	2,515		1,713,336				44,838	02/01/2023	1FE
15200N-AC-9	ONP 2009-1 A3 SEQ 4.243% 08/15/23		02/15/2020	Paydown	100.0000	12,266,510	12,266,510	12,291,634	12,270,771			(4,261)	(4,261)		12,266,510				260,234	08/15/2023	1FE
152314-EL-0	CXHE 2002-A AF6 NAS 5.540% 01/25/32		03/01/2020	Paydown	100.0000	405	405	405	390			15	15		405				4	01/25/2032	1FM
152314-KJ-8	CXHE 2004-C AF5 STEP AFC IRC AS 5.171% 06/25/34		03/01/2020	Paydown	100.0000	163,648	163,648	163,634	163,465			182	182		163,648				1,537	06/25/2034	1FM
152314-LE-8	CXHE 2004-D AF5 STEP AFC IRC AS 5.850% 09/25/34		03/01/2020	Paydown	100.0000	142,414	142,414	142,369	142,079			336	336		142,414				1,251	09/25/2034	1FM
152314-LQ-1	CXHE 2004-D MV1 MEZ FLT STEP IRC NA 1.567% 09/25/34		03/25/2020	Paydown	100.0000	89,064	89,064	80,344	82,769			6,295	6,295		89,064				456	09/25/2034	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
152314-MC-1	CXHE 2005-A AF5 STEP AFC IRC AS 5.780%		03/01/2020	Paydown		235,748	235,748	235,630	235,039				709		235,748				1,883	01/25/2035	1FM
15722#-AA-9	CGA LEASE-BKD PASS-NAT OILWELL SR-SEC 4.468% 01/10/41		03/10/2020	Redemption	100.0000	8,218	8,218	8,218	8,218						8,218				.61	01/10/2041	2
15722*-AA-3	CGA LEASE BKD PT TRUST-NOV HQ 2014-SR-SEC 4.835% 01/10/41		03/10/2020	Redemption	100.0000	138,339	138,339	138,339	138,339						138,339				1,116	01/10/2041	2
15723#-AA-8	CGA CAPITAL PT TRUST-NSLIJ 2014-SR-SEC 4.470% 03/10/45		03/10/2020	Redemption	100.0000	547,268	547,268	547,268	547,268						547,268				4,082	03/10/2045	1
15723#-AA-0	CGA CAP CR LEASE-BKD PT-SAN DI SR-SEC 3.400% 05/10/35		03/10/2020	Redemption	100.0000	457,220	457,220	457,220	457,220						457,220				2,575	05/10/2035	1
160044-A*-4	CHARLESTON AREA MEDICAL CENTER A-SR-SEC 4.500% 03/15/43		03/15/2020	Redemption	100.0000	1,280,000	1,280,000	1,280,000	1,280,000						1,280,000				28,800	03/15/2043	2
160044-A#-2	CHARLESTON AREA MEDICAL CENTER A-SR-SEC 4.020% 03/15/38		03/15/2020	Redemption	100.0000	610,000	610,000	610,000	610,000						610,000				12,261	03/15/2038	2
160762-AC-4	CHMAC 2004-1 A3 Z AS 5.250% 08/25/34		03/01/2020	Paydown		6,164	6,164	4,891	5,667		497		497		6,164				.54	08/25/2034	1FM
160762-AD-2	CHMAC 2004-1 A4 NAS 5.250% 08/25/34		03/01/2020	Paydown		3,150	3,150	3,150	3,150						3,150				.28	08/25/2034	1FM
160762-AF-7	CHMAC 2004-1 A6 Z AS 5.500% 08/25/34		03/01/2020	Paydown		6,639	6,639	5,550	6,154		485		485		6,639				.61	08/25/2034	1FM
160762-AG-5	CHMAC 2004-1 A7 NAS 5.500% 08/25/34		03/01/2020	Paydown		9,203	9,203	9,203	9,203						9,203				.85	08/25/2034	1FM
161546-DZ-6	CFAB 2003-1 1A5 STEP AS 5.914% 10/25/32		03/01/2020	Paydown		75,181	75,181	75,176	75,091		.90		.90		75,181				.673	10/25/2032	1FM
161546-EG-7	CFAB 2003-1 2M1 MEZ FLT STEP NAS 1.922% 09/25/32		03/25/2020	Paydown		.76	.76	.68	.76						.76				.1	09/25/2032	1FM
161546-FF-8	CFAB 2003-3 1A5 STEP AFC AS 5.160% 03/25/33		03/01/2020	Paydown		98,931	98,931	98,927	98,829		101		101		98,931				1,129	03/25/2033	1FM
161546-FJ-0	CFAB 2003-3 1M2 MEZ NAS 4.885% 05/25/32		01/14/2020	Paydown		(4,518)		(1,730)	(9)		(9)		(9)		(1,738)		(2,779)	(2,779)	(18)	05/25/2032	5FM
161546-FJ-0	CFAB 2003-3 1M2 MEZ NAS 4.885% 05/25/32		03/01/2020	Paydown		34,593		21,276	21,349		(67)		(67)		21,282		(21,282)	(21,282)	(141)	05/25/2032	6FM
161546-FV-3	CFAB 2003-4 1A5 STEP AFC SEQ AS 5.123% 05/25/33		03/01/2020	Paydown		281,790	281,790	281,776	281,554		236		236		281,790				2,287	05/25/2033	1FM
161546-GK-6	CFAB 2003-5 1A5 STEP AFC AS 6.145% 06/25/33		03/01/2020	Paydown		648,689	648,689	648,677	648,128		561		561		648,689				5,526	06/25/2033	1FM
161546-GN-0	CFAB 2003-5 1M2 MEZ AFC NAS 5.641% 09/25/32		03/01/2020	Paydown		103,782	103,782	19,073	2		103,780		103,780		103,782				1,629	09/25/2032	1FM
161546-HA-7	CFAB 2003-6 1A5 STEP AFC SEQ AS 5.005% 11/25/34		03/01/2020	Paydown		870,052	870,052	860,666	861,571		8,480		8,480		870,052				5,349	11/25/2034	1FM
161546-HS-8	CFAB 2004-1 1A5 STEP AFC AS 5.638% 11/25/33		03/01/2020	Paydown		259,658	259,658	259,643	259,359		298		298		259,658				1,948	11/25/2033	1FM
161546-HI-9	CFAB 2004-1 1M2 MEZ AFC NAS 5.023% 01/25/33		03/01/2020	Paydown		224,979	224,979	46,557	52,216						52,216		(52,216)	(52,216)	(942)	01/25/2033	1FM
161546-JH-0	CFAB 2004-2 1A5 STEP AFC SEQ 5.700% 02/26/35		03/01/2020	Paydown		662,497	662,497	654,770	655,928		6,569		6,569		662,497				4,239	02/26/2035	1FM
161546-JP-2	CFAB 2004-2 2M1 MEZ FLT STEP IRC NA 1.772% 02/26/35		03/25/2020	Paydown		191,289	191,289	170,887	181,300		9,989		9,989		191,289				1,033	02/26/2035	1FM
161629-AH-3	CHASE 2007-S4 A8 SSNR NAS 6.000% 06/25/37		03/01/2020	Paydown		79,626	79,626	47,325	34,205		49,835		49,835		84,040		(4,414)	(4,414)	737	06/25/2037	1FM
16162#-GJ-2	CHASE 2004-S2 1A4 NAS 5.250% 02/25/34		03/01/2020	Paydown		6,507	6,507	6,493	6,492		.15		.15		6,507				.57	02/25/2034	1FM
16162#-GN-3	CHASE 2004-S2 2A3 Z AS 5.500% 02/25/34		03/01/2020	Paydown		35,390	35,390	32,061	33,778		1,612		1,612		35,390				326	02/25/2034	1FM
16162#-PB-9	CHASE 2005-A1 1A1 CSTR SSNR AS 3.700% 12/25/35		03/01/2020	Paydown		98,171	98,171	32,912	4,975		93,196		93,196		98,171				.664	12/25/2035	1FM
16162#-PG-8	CHASE 2005-A1 2A4 CSTR SEQ SSNR AS 3.796% 12/25/35		03/01/2020	Paydown		271,928	271,928	202,437	162,895		109,032		109,032		271,928				1,445	12/25/2035	1FM
16162Y-AH-8	CHASE 2006-S4 A8 NAS 6.000% 12/25/36		03/01/2020	Paydown		67,437	67,437	36,298	29,812		45,270		45,270		75,082		(7,645)	(7,645)	815	12/25/2036	1FM
16162Y-AQ-8	CHASE 2006-S4 A15 SEQ AS 6.000% 12/25/36		03/01/2020	Paydown		56,269	56,269	35,705	23,543		38,767		38,767		62,309		(6,040)	(6,040)	680	12/25/2036	1FM
161630-AC-2	CHASE 2007-A1 1A3 CSTR SSNR AS 4.363% 02/25/37		03/01/2020	Paydown		21,185	21,185	21,013	21,028		157		157		21,185				203	02/25/2037	1FM
161630-AL-2	CHASE 2007-A1 3A1 CSTR SSNR AS 4.227% 02/25/37		03/01/2020	Paydown		109,676	109,676	109,194	109,199		476		476		109,676				568	02/25/2037	1FM
161631-AV-8	CHASE 2007-S5 1A20 SSNR NAS 6.000% 07/25/37		03/01/2020	Paydown		132,202	132,229	80,673	77,118		29,998		29,998		107,116		(34,254)	(34,254)	1,979	07/25/2037	1FM
16163B-AP-9	CHASE 2006-S2 1A14 SSNR AS 6.250% 10/25/36		03/01/2020	Paydown		96,626	326,996	243,035	247,291		23,553		23,553		270,843		(174,218)	(174,218)	4,379	10/25/2036	3FM

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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							
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16163B-BC-7	CHASE 2006-S2 2A7 AS 6.000% 10/25/36		03/01/2020	Paydown		101,205	98,390	53,459	61,702				37,722		99,425		1,781	1,781	902	10/25/2036	1FM
16163L-AA-0	CHASE 2007-A2 1A1 CSTR SSNR AS 4.780% 07/25/37		03/01/2020	Paydown		98,187	98,187	97,711	99,334		(1,147)		(1,147)		98,187				800	07/25/2037	1FM
16163L-AQ-5	CHASE 2007-A2 7A1 CSTR SEQ SSNR AS 3.896% 07/25/37		03/01/2020	Paydown		6,128	6,119	495	83		6,044		6,044		6,128				39	07/25/2037	1FM
16165L-AG-5	CFLX 2006-1 A5 AFC SSNR NAS 6.160% 06/25/36		03/01/2020	Paydown		55,912	55,912	47,489	48,764		7,148		7,148		55,912		1	1	388	06/25/2036	1FM
16165T-BJ-1	CFLX 2005-2 5A1 NAS 5.500% 06/25/35		03/01/2020	Paydown		115,229	205,845	114,978	119,384		48,398		48,398		167,782		(52,553)	(52,553)	1,409	06/25/2035	1FM
16678R-DL-8	CCMFC 2005-2A A2 FLT STEP AS 1.177% 05/25/36		03/25/2020	Paydown		385,452	385,452	340,362	338,152		47,300		47,300		385,452				953	05/25/2036	1FM
16877F-AA-0	VA CHARLOTTE-CHILDRESS KLIEN-C SR 3.652% 01/05/36		03/05/2020	Redemption	100.0000	568,097	568,097	568,097	568,097						568,097				3,461	01/05/2036	1
170255-AS-2	CIHL 2007-1 A8 SSNR NAS 6.000% 03/25/37		03/01/2020	Paydown		46,945	57,635	35,536	33,801		19,350		19,350		53,151		(6,206)	(6,206)	656	03/25/2037	1FM
17025A-AB-8	CIHL 2006-17 A2 SSNR NAS 6.000% 12/25/36		03/01/2020	Paydown		259,548	251,184	20,638	2,268		257,205		257,205		259,473		76	76	2,716	12/25/2036	1FM
17025T-AV-3	CIHL 2007-15 1A20 EXCH SSNR AS 6.250% 09/25/37		03/01/2020	Paydown		104,504	98,191	59,467	56,613		44,279		44,279		100,892		3,612	3,612	1,132	09/25/2037	1FM
171265-BF-7	CHUGACH ELECTRIC ASSN-INC. 3.430% 03/15/37		03/17/2020	Redemption	100.0000	1,944,444	1,944,444	1,944,444	1,944,444						1,944,444				33,527	03/15/2037	1
171265-B*-1	CHUGACH ELECTRIC ASSN-INC. B-SR-SEC 4.410% 03/15/42		03/15/2020	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		03/15/2020	Redemption	100.0000	122,344	122,344	122,344	122,344						122,344				765	10/15/2033	1
17275R-AH-5	CISCO SYSTEMS INC SR UNSEC 4.450% 01/15/20		01/15/2020	Maturity		33,300,000	33,300,000	33,250,716	33,299,765		235		235		33,300,000				740,925	01/15/2020	1FE
172973-2W-8	CMSI 2005-6 1A10 SEQ AS 5.500% 09/25/35		03/01/2020	Paydown		148,520	148,520	139,431	144,715		3,804		3,804		148,520				855	09/25/2035	1FM
172973-W6-2	CMSI 2005-4 1A7 SSUP NAS 5.500% 07/25/35		03/01/2020	Paydown		4,828	4,828	4,375	4,533		295		295		4,828				57	07/25/2035	1FM
172973-WX-3	CMSI 2004-3 A3 2 AS 5.250% 05/25/34		03/01/2020	Paydown		691,041	691,041	563,846	643,495		47,546		47,546		691,041				6,270	05/25/2034	1FM
17307G-4H-8	CMLTI 2006-WF1 A20 STEP AFC AS 4.856% 03/25/36		03/01/2020	Paydown		16,909	16,909	6,623	6,573		10,336		10,336		16,909				78	03/25/2036	1FM
17307G-NS-3	CMLTI 2005-OPT1 M2 MEZ FLT STEP IRC 1.607% 02/25/35		03/25/2020	Paydown		26,094	26,094	23,354	24,218		1,875		1,875		26,094				154	02/25/2035	1FM
17307G-WE-4	CMLTI 2005-4 A CSTR AS 4.592% 08/25/35		03/01/2020	Paydown		204,723	204,723	182,331	186,985		17,738		17,738		204,723				1,848	08/25/2035	1FM
17308F-AE-9	CMLT 2005-A1 1A5 IRC SSNR NAS 5.500% 07/25/35		03/01/2020	Paydown		79,570	80,468	69,033	66,296		14,013		14,013		80,309		(740)	(740)	644	07/25/2035	1FM
17309A-AA-7	CMLT 2006-A1 1A1 SEQ SSNR AS 5.750% 04/25/36		03/01/2020	Paydown		140,311	170,010	88,282	76,283		77,358		77,358		153,641		(13,330)	(13,330)	1,708	04/25/2036	1FM
173100-AD-0	CMSI 2006-6 A4 SSNR NAS 6.000% 11/25/36		03/01/2020	Paydown		216,227	216,227	156,997	170,332		45,895		45,895		216,227				2,208	11/25/2036	1FM
173105-AA-5	CMSI 2007-1 1A1 SSNR NAS 6.000% 01/25/37		03/01/2020	Paydown		977,650	1,133,718	899,007	887,660		212,174		212,174		1,099,834		(122,184)	(122,184)	12,752	01/25/2037	1FM
17310A-AR-7	CMSI 2006-2 1A16 SEQ AS 5.750% 04/25/36		03/01/2020	Paydown		215,569	215,569	204,713	214,572		998		998		215,569				2,050	04/25/2036	3FM
17310E-AE-8	CRMSI 2006-2 A5 STEP AFC AS 5.286% 09/25/36		03/01/2020	Paydown		1,662,627	1,662,627	1,377,029	1,464,446		198,181		198,181		1,662,627				13,050	09/25/2036	1FM
173110-AE-0	CGCMT 2007-06 AJFX CSTR 5.557% 12/10/49		03/01/2020	Paydown		5,273	5,273	3,570	3,570						3,570		(3,570)	(3,570)	35	12/10/2049	3FM
173110-BN-9	CGCMT 2007-06 AJ CSTR 5.557% 12/10/49		03/01/2020	Paydown		7,222	7,222	4,103	4,103						4,103		(4,103)	(4,103)	47	12/10/2049	1FM
173110-BN-9	CGCMT 2007-06 AJ CSTR 5.557% 12/10/49		03/01/2020	Paydown		21,093	21,093	14,161	14,161						14,161		(14,161)	(14,161)	138	12/10/2049	3FM
17312D-AA-6	CMSI 2007-8 1A1 AS 6.000% 09/25/37		03/01/2020	Paydown		14,731	14,731	14,731	14,731						14,731				199	09/25/2037	1FM
17312F-AD-5	CMSI 2007-3 1A4 SSNR NAS 6.000% 04/25/37		03/01/2020	Paydown		140,900	147,966	134,318	137,586		9,887		9,887		147,473		(6,573)	(6,573)	1,262	04/25/2037	1FM
17312K-AB-8	CMSI 2007-5 1A2 PAC-11 AS 6.000% 06/25/37		03/01/2020	Paydown		7,387	10,485	7,387	7,387						7,387				76	06/25/2037	1FM
18610R-AG-9	CCCPA TDLRB-S10-CLEVELAND CLIN SR-SEC 5.740% 12/05/26		03/05/2020	Redemption	100.0000	855,000	855,000	855,000	855,000						855,000				8,180	12/05/2026	1
20048E-AY-7	COMM 2013-LC6 A4 SEQ 2.941% 01/10/46		02/01/2020	Paydown		395,254	395,254	361,595	383,333		11,920		11,920		395,254				1,937	01/10/2046	1FM
20401@-AG-6	COMMUNITY PRESERVATION CORP. SERIES D 5.834% 09/01/37		03/01/2020	Paydown		513	513	513	513						513				2	09/01/2037	6*
20401@-AH-4	COMMUNITY PRESERVATION CORP. SERIES E 6.060% 11/01/37		03/01/2020	Paydown		10,594	10,594	10,594	10,594						10,594				83	11/01/2037	6*
20401@-AJ-0	COMMUNITY PRESERVATION CORP. COLLATERA; TRUST SERIES F 4.411% 03/01/38		03/01/2020	Paydown		14,634	14,634	14,634	14,634						14,634				143	03/01/2038	6*
20401@-AL-5	COMMUNITY PRESERVATION CORP. COLLATERAL TRUSR NOTE SER B 3.122% 02/01/37		03/01/2020	Paydown		1,268	1,268	1,268	1,268		2		2		1,268				7	02/01/2037	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
204010-AM-3	COMMUNITY PRESERVATION CORP. SERIES C 5.958% 06/01/37		03/01/2020	Paydown		885	885	885	885						885				9	06/01/2037	6*
204010-AN-1	COMMUNITY PRESERVATION CORP. SERIES A COLLATERAL TRUST 4.588% 01/01/36		03/01/2020	Paydown		1,768	1,768	1,768	1,768						1,768				14	01/01/2036	6*
204010-AR-2	COMMUNITY PRESERVATION CORP. SERIES G NOTES 124.810% 06/01/38		03/01/2020	Paydown		2,436	2,436	2,436	2,436						2,436				14	06/01/2038	6*
204010-AS-0	COMMUNITY PRESERVATION CORP. COLLATERAL TRUST NOTE 6.274% 12/01/38		03/01/2020	Paydown		1,038	1,038	1,038	1,038						1,038				3	12/01/2038	6*
204010-AT-8	COMMUNITY PRESERVATION CORP. SERIES I 6.138% 04/01/39		03/01/2020	Paydown		315	315	315	315						315				3	04/01/2039	6*
204010-AV-3	COMMUNITY PRESERVATION CORP. SERIES J 5.402% 08/01/39		03/01/2020	Paydown		9,478	9,478	9,478	9,478						9,478				137	08/01/2039	6*
204010-AW-1	COMMUNITY PRESERVATION CORP. COLLATERAL TRUST NOTE SERIES K 4.663% 10/01/39		03/01/2020	Paydown		18,341	18,341	18,341	18,341						18,341				198	10/01/2039	6*
204010-AY-7	COMMUNITY PRESERVATION CORP. SERIES L COLLATERAL TRUST NOTE 5.621% 12/01/39		03/01/2020	Paydown		1,324	1,324	1,324	1,324						1,324				10	12/01/2039	6*
204010-AZ-4	COMMUNITY PRESERVATION CORP. SERIES M 5.602% 03/01/40		03/01/2020	Paydown		695	695	695	695						695				3	03/01/2040	6*
204010-BD-2	COMMUNITY PRESERVATION CORP. SERIES N 4.859% 06/01/40		03/01/2020	Paydown		261	261	261	261						261				1	06/01/2040	6*
204010-BF-7	COMMUNITY PRESERVATION CORP. SERIES O 4.803% 09/01/40		03/01/2020	Paydown		811	811	811	811						811				6	09/01/2040	6*
204010-BG-5	COMMUNITY PRESERVATION CORP. SERIES P 6.030% 01/01/41		03/01/2020	Paydown		750	750	750	750						750				8	01/01/2041	6*
204010-BH-3	COMMUNITY PRESERVATION CORP. SERIES Q 6.562% 04/01/41		03/01/2020	Paydown		579	579	579	579						579				7	04/01/2041	6*
204010-BK-6	COMMUNITY PRESERVATION CORP. COLLATERAL TRUST NOTE SERIES R 4.731% 12/01/41		03/01/2020	Paydown		113	113	113	113						113				1	12/01/2041	6*
20846Q-KN-7	ONFHE 2002-C INV2 MEZ FLT AFC 2.855%		05/15/32	Paydown																	
21075W-CJ-2	CONFE 1996-1 A7 SEQ 6.722% 03/15/27		03/01/2020	Paydown		1,218	1,218	353	342		876		876		1,218				13	03/15/2027	1FM
216170-AA-7	COOK INLET NATURAL GAS STORAGE SR-SEC 4.480% 03/02/32		03/02/2020	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	Redemption	100.0000	52,909	52,909	52,909	52,909						52,909				1,402	07/01/2050	2PL
223570-AA-9	COX TOWER II LEASE BKD TRUST-C SR-SEC 5.409% 01/02/40		03/02/2020	Redemption	100.0000	325,278	325,278	325,278	325,278						325,278				2,458	01/01/2040	2
223611-A#-1	COWBOYS STADIUM-L.P. 3.950% 03/31/34		03/31/2020	Redemption	100.0000	1,129,879	1,129,879	1,129,879	1,129,879						1,129,879				22,315	03/31/2034	2PL
223611-A#-3	COWBOYS STADIUM-L.P. SR-SEC 3.460% 03/31/34		03/30/2020	Redemption	100.0000	593,392	593,392	593,392	593,392						593,392				10,266	03/30/2034	2PL
22536#-AA-1	CGA CREDIT LEASE BKD TRUST-KMP 2012-SR-SEC 3.967% 12/10/35		03/10/2020	Redemption	100.0000	762,505	762,505	762,505	762,505						762,505				5,047	12/10/2035	2
22540A-LG-1	CSFB 1999-IR B SC CSTR 6.730% 11/30/27		02/15/2020	Paydown		94	94		(81)		175		175		94				1	11/30/2027	1FM
22540V-HN-5	CSFB 2001-MH29 M2 MEZ AFC 7.110% 09/25/31		03/01/2020	Paydown		161,054	161,054	158,765	160,451		603		603		161,054				1,808	09/25/2031	1FE
22540V-VE-9	CSFB 2002-MH3 M1 MEZ AFC 7.617% 12/25/31		03/01/2020	Paydown		359,465	359,465	359,447	357,762		1,703		1,703		359,465				4,822	12/25/2031	1FE
22541Q-4L-3	CSFB 2003-29 DB1 SUB CSTR NAS 6.050%		03/01/2020	Paydown		76,399	76,399	78,323	76,399						76,399				784	12/25/2033	1FM
22541Q-EP-3	CSFB 2003-C3 AX 10 CSTR NTL 2.171% 05/15/38		03/01/2020	Paydown															2,470	05/15/2038	6FE
22541S-ST-1	CSFB 2005-FIX1 A4 STEP AFC AS 5.510%		03/01/2020	Paydown		149,023	149,023	137,315	141,932		7,091		7,091		149,023				1,346	05/25/2035	1FM
22541S-D5-4	CSFB 2004-0F2 1M1 MEZ STEP AFC NAS 5.250%		01/25/43	Paydown		371,261	371,261	391,680	381,030		(9,769)		(9,769)		371,261				3,805	01/25/2043	1FM
22541S-EH-7	CSFB 2004-AR3 CB1 SUB CSTR NAS 3.784%		04/25/34	Paydown		145,282	145,282	140,061	140,609		4,673		4,673		145,282				1,148	04/25/2034	1FM
22541S-JV-1	CSFB 2004-AR5 CB1 SUB CSTR NAS 4.242%		03/01/2020	Paydown		297,601	297,601	283,140	284,838		12,764		12,764		297,601				1,349	06/25/2034	1FM

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22541S-N4-6	CSFB 2004-C4 AX 10 CSTR NTL 0.301% 10/15/39		03/01/2020	Paydown															16	10/15/2039	6FE
22541S-UX-4	CSFB 2004-4 3A11 SEQ SSNR AS 5.500%		03/01/2020	Paydown		263,577	263,577	257,998	258,226		5,351		5,351		263,577				1,314	08/25/2034	1FM
22541S-VA-3	CSFB 2004-4 5A2 SEQ AS 6.000% 08/25/34		03/01/2020	Paydown		97,443	97,443	98,265	97,443						97,443				967	08/25/2034	1FM
22541S-X4-5	CSFB 2004-8 8A1 SEQ AS 5.750% 12/25/34		03/01/2020	Paydown		9,275	9,275	9,239	9,239		36		36		9,275				89	12/25/2034	1FM
22545#-AA-0	CREDIT WAREHOUSE REALTY LEASED SR-SEC 4.960% 10/10/33		03/10/2020	Redemption	100.0000		170,483	170,483	170,483						170,483				1,411	10/10/2033	2
225458-AX-6	CSFB 2005-1 1A22 SSNR NAS 5.500% 02/25/35		03/01/2020	Paydown		86,756	86,756	85,225	85,560		1,196		1,196		86,756				860	02/25/2035	1FM
225458-BV-9	CSFB 2005-1 3A5 Z SSNR AS 5.250% 02/25/35		03/01/2020	Paydown		653,598	653,598	616,591	640,996		12,603		12,603		653,598				2,857	02/25/2035	1FM
225458-DT-2	CSFB 2005-C1 F SUB 4.821% 02/15/38		01/15/2020	Paydown		153,458	153,458	153,271	153,186		272		272		153,458				1,199	02/15/2038	1FM
225458-AA-2	CTL-BKD PT CGA CAP SER 2019-CT SR-SEC 4.178% 10/31/39		03/10/2020	Redemption	100.0000		89,720	89,720	89,720						89,720				625	10/31/2039	2Z
22545L-BR-9	CSMC 2006-C5 AX 10 CSTR NTL 0.675% 12/15/39		03/01/2020	Paydown																12/15/2039	6FE
22546#-AA-1	ASCENSION HEALTH CREDIT TENAN SR-SEC 2.981% 12/10/29		03/10/2020	Redemption	100.0000		123,205	123,205	123,205						123,205				237	12/10/2029	1Z
2254W0-GV-1	CSFB 2004-6 1A2 SEQ SSNR AS 5.500% 10/25/34		03/01/2020	Paydown		283,012	283,012	275,990	276,287		6,725		6,725		283,012				2,576	10/25/2034	1FM
2254W0-JS-5	CSFB 2004-7 1A2 SEQ SSNR AS 5.250% 11/25/34		03/01/2020	Paydown		48,890	48,890	47,463	47,525		1,365		1,365		48,890				412	11/25/2034	1FM
2254W0-KY-0	CSFB 2004-7 1A4 SSNR NAS 5.250% 11/25/34		03/01/2020	Paydown		22,090	22,090	21,804	21,856		234		234		22,090				187	11/25/2034	1FM
22944#-AA-7	THE BK OF NY SR-SEC 6.063% 06/20/35		03/20/2020	Redemption	100.0000		61,967	61,967	61,967						61,967				627	06/20/2035	1
22946#-AA-5	CTL 2010-7 TR-OSF HEALTHCARE SR-SEC 6.200% 03/15/31		03/15/2020	Redemption	100.0000		287,754	287,754	287,754						287,754				3,477	03/15/2031	1
22951#-AA-7	CTL PT TRUST-CREDIT SUISSE 2010-SR-SEC 5.250% 06/15/32		03/15/2020	Redemption	100.0000		421,172	421,172	421,172						421,172				3,702	06/15/2032	1
22952#-AA-6	GALAXY VENTURES LLC-STATE OF N SR-SEC 4.500% 04/15/23		01/15/2020	Redemption	100.0000		210,694	210,694	210,694						210,694				2,370	04/15/2023	1Z
22953*-AA-9	CTL-TD 3-PROPERTY PT TRUST-TD SR-SEC 4.250% 06/15/31		03/15/2020	Redemption	100.0000		191,851	191,851	191,851						191,851				1,361	06/15/2031	1
22954*-AA-8	CTL 2012-12 TRUST-XEROX-PALO A 2012-SR-SEC 3.970% 12/14/23		03/07/2020	Redemption	100.0000		1,508,605	1,508,605	1,508,605						1,508,605				9,993	12/07/2023	3
22955#-AA-3	CTL PT TRUST-UNIV. OF DELAWARE 2012-SR-SEC 4.110% 06/15/43		03/15/2020	Redemption	100.0000		170,820	170,820	170,820						170,820				1,171	06/15/2043	1
22956#-AA-2	LESMARK CAPITAL CTL PT TRUST-C 2013-SR-SEC 5.000% 01/15/39		03/15/2020	Redemption	100.0000		52,159	52,159	52,159						52,159				435	01/15/2039	2
22958#-AA-0	CTL PT TRUST-VA GREENVILLE-SC 2013-SR-SEC 4.500% 04/20/33		03/20/2020	Redemption	100.0000		290,005	290,005	290,005						290,005				2,178	04/20/2033	1
22959#-AA-9	CSOLAR IV SOUTH-LLC SR-SEC 5.371% 09/30/38		03/31/2020	Redemption	100.0000		285,777	285,777	285,777						285,777				3,837	09/30/2038	2FE
22959@-AA-1	CTL PT TRUST CERTIFICATES-HOME SR-SEC 4.780% 01/15/34		03/15/2020	Redemption	100.0000		58,530	58,530	58,530						58,530				467	01/15/2034	1
22960@-AA-8	CTL 2014-04 TRUST-TEXAS A&M SR-SEC 4.615% 11/15/34		03/15/2020	Redemption	100.0000		75,809	75,809	75,811		(1)		(1)		75,809				584	11/15/2034	1
22961#-AA-5	CTL-SSA BALTIMORE TRUST-GSA SS 2014-SR-SEC 4.500% 02/15/34		03/15/2020	Redemption	100.0000		1,389,739	1,389,739	1,389,739						1,389,739				10,439	02/15/2034	1
22962@-AA-6	CTL PT TR SER 2014-COSTCO SR-SEC 4.380% 09/15/45		03/15/2020	Redemption	100.0000		46,356	46,356	46,356						46,356				339	09/15/2045	1
22963@-AA-5	CTL 2014-04A TRUST-TEXAS A&M A SR-SEC 4.470% 11/15/34		03/15/2020	Redemption	100.0000		32,226	32,226	32,226						32,226				240	11/15/2034	1
22966#-AA-0	CTL PT TR-CIRI SR-SEC 4.637% 12/15/44		03/15/2020	Redemption	100.0000		195,009	195,009	200,082		(5,073)		(5,073)		195,009				1,509	12/15/2044	2
22966*-AA-4	CTL PT TR-COSTCO SR-SEC 4.410% 09/15/45		03/15/2020	Redemption	100.0000		5,222	5,222	5,222						5,222				38	09/15/2045	1
22972@-AA-4	CTL PT TR SER 2015-LOWES DELAW SR-SEC 3.740% 03/20/35		03/20/2020	Redemption	100.0000		89,354	89,354	89,354						89,354				558	03/20/2035	1

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STATEMENT AS OF MARCH 31, 2020 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
22974@-AA-2	CTL PT SER 2016-WESTCHESTER CO SR-SEC 3.850% 03/15/36		03/15/2020	Redemption	100.0000	276,046	276,046	276,046	276,046						276,046				1,773	03/15/2036	1
22977#-AA-7	CTL PT TR SER 2016-CAREALLIANC 4.310% 12/10/37		03/10/2020	Redemption	100.0000	111,539	111,539	114,785	114,394		(2,855)		(2,855)		111,539				802	12/10/2037	2
22977*-AA-1	CTL PT TR SER 2016-CORONA RIVE 4.060% 02/15/38		03/15/2020	Redemption	100.0000	64,075	64,075	64,075	64,075						64,075				650	02/15/2038	1
22977*-AA-1	CTL PT TR SER 2016-CORONA RIVE 4.060% 02/15/38		02/15/2020	Redemption	100.0000	61,932	61,932	61,932	61,932						61,932				419	02/15/2038	1YE
22977*-AA-1	CTL PT TR SER 2016-CORONA RIVE 4.060% 02/15/38		01/15/2020	Redemption	100.0000	61,723	61,723	61,723	61,723						61,723				209	02/15/2038	1Z
22978*-AA-0	CTL PT TRUST-SER 2016-VA HILLS 3.470% 12/09/33		03/15/2020	Redemption	100.0000	252,996	252,996	255,141	255,112		(2,116)		(2,116)		252,996				1,465	10/15/2033	1
22978@-AA-8	CTL PT TR SER 2017-LOWES SCOTT 3.650% 09/20/31		03/20/2020	Redemption	100.0000	146,118	146,118	147,929	147,601		(1,484)		(1,484)		146,118				890	09/20/2031	1
22979@-AA-7	CTL 2016-29 TRUST-SPIRIT AEROS 4.694% 12/15/37		03/15/2020	Redemption	100.0000	222,737	222,737	222,737	222,737						222,737				1,745	12/15/2037	2
22983*-AA-3	STATE OF CALIFORNIA-CHP CHICO SR-SEC 3.991% 09/15/36		03/15/2020	Redemption	100.0000	173,512	173,512	178,717	177,542		(4,030)		(4,030)		173,512				1,155	09/15/2036	1
22983@-AA-1	KONINKLIJKE AHOLD N.V.-ROYAL A SR-SEC 5.355% 12/15/36		03/15/2020	Redemption	100.0000	154,163	154,163	154,163	154,163						154,163				1,402	12/15/2036	2
22984@-AA-0	CTL PT TR SER 2015-GUARDIAN LI SR 3.920% 07/15/36		03/15/2020	Redemption	100.0000	582,853	582,853	588,355	587,407		(4,554)		(4,554)		582,853				3,812	07/15/2036	1
233046-AF-8	DNKN 2017-1A A211 SEQ 4.030% 11/20/47		02/20/2020	Paydown		37,500	37,500	37,500	37,500						37,500				378	11/20/2047	2FE
233046-AK-7	DNKN 2019-1A A211 SEQ 4.021% 05/20/49		02/20/2020	Paydown		96,425	96,425	96,425	96,425						96,425				969	05/20/2049	2FE
233046-AL-5	DNKN 2019-1A A23 SEQ 4.352% 05/20/49		02/20/2020	Paydown		155,375	155,375	155,375	155,375						155,375				1,690	05/20/2049	2FE
233050-AC-7	DBUBS 2011-LC1A A3 SEQ 5.002% 11/10/46		03/01/2020	Paydown		21,881	21,881	22,099	21,881		.11		.11		21,881				188	11/10/2046	1FM
23311*-AA-4	DCC BAY CITY 2013 CTL TRUST-DO SR-SEC 3.590% 07/20/34		03/20/2020	Redemption	100.0000	307,618	307,618	307,618	307,618						307,618				1,842	07/20/2034	2
23317*-AC-4	DD4 SOUTH LC-CIA DD4 SOUTH LC 3.550% 09/05/33		03/05/2020	Redemption	100.0000	174,190	174,190	174,190	174,190						174,190				1,032	09/05/2033	1
23317H-AA-0	SITE CENTERS CORP SR UNSEC 4.625% 07/15/22		03/23/2020	Call	108.2759	4,505,361	4,161,000	4,157,067	4,159,785		103		103		4,159,887		1,113	1,113	476,935	07/15/2022	2FE
24422E-RY-7	JOHN DEERE CAPITAL CORP SR UNSEC 1.700% 01/15/20		01/15/2020	Maturity		50,000	50,000	49,846	49,999		1		1		50,000				425	01/15/2020	1FE
24763L-BM-1	DELHE 1997-2 A5 SEQ AS 7.370% 06/25/27		03/01/2020	Paydown		2,398	2,398	382	927		1,471		1,471		2,398				13	06/25/2027	1FM
24764@-AA-2	DELTA ENGINES 2017 LEASE-BKD P SR-SEC 6.750% 11/20/22		03/20/2020	Redemption	100.0000	2,987,025	2,987,025	2,987,025	2,987,025						2,987,025				33,667	11/20/2022	2Z
251510-CV-3	DBALT 2005-1 1A1 FLT AS 1.447% 02/25/35		03/25/2020	Paydown		60,885	60,885	42,312	37,627		23,257		23,257		60,885				212	02/25/2035	1FM
251510-ET-6	DBALT 2005-3 M MEZ CSTR NAS 5.081% 06/25/35		03/01/2020	Paydown		161,980	161,980												1,308	06/25/2035	1FM
251511-AC-5	DBALT 2006-AB2 A3 AFC SEQ SSNR AS 5.153% 06/25/36		03/01/2020	Paydown		174,699	196,219	104,633	112,282		74,736		74,736		187,018		(12,319)	(12,319)	1,567	06/25/2036	1FM
251513-AY-3	DBALT 2006-AB4 AA STEP AFC SEQ AS 6.000% 10/25/36		03/01/2020	Paydown		261,774	261,774	262,231	261,774						261,774				2,294	10/25/2036	1FM
251563-BM-3	DMSI 2003-1 1AB SEQ SSUP NAS 5.500% 04/25/33		03/01/2020	Paydown		794	794	793	793		1		1		794				7	04/25/2033	1FM
251563-BS-0	DMSI 2003-1 M MEZ CSTR NAS 5.500% 04/25/33		03/01/2020	Paydown		3,212	3,212	3,192	3,196		16		16		3,212				29	04/25/2033	1FM
251563-BT-8	DMSI 2003-1 B1 SUB CSTR NAS 5.500% 04/25/33		03/01/2020	Paydown		1,464	1,464	1,435	1,450		14		14		1,464				13	04/25/2033	1FM
25157T-AA-2	DMSI 2007-WHM A1 SC CSTR SSNR 3.802% 06/27/37		03/01/2020	Paydown		1,096,634	1,096,634	1,100,365	1,108,318		(11,684)		(11,684)		1,096,634				5,649	06/27/2037	1FM
25179M-AN-3	DEVON ENERGY CORP SR UNSEC 4.750% 05/15/42		02/20/2020	MORGAN STANLEY & CO. INC.		6,766,760	6,075,000	6,021,236	6,028,684		173		173		6,028,858		737,903	737,903	79,355	05/15/2042	2FE
25271C-AM-4	DIAMOND OFFSHORE DRILL SR UNSEC 3.450% 11/01/23		03/05/2020	CREDIT SUISSE SECURITIES US LL		13,223,250	19,800,000	16,335,000	16,517,892		135,042		135,042		16,652,934		(3,429,684)	(3,429,684)	241,478	11/01/2023	5FE
25271C-AN-2	DIAMOND OFFSHORE DRILL SR UNSEC 4.875% 11/01/43		03/02/2020	CREDIT SUISSE SECURITIES US LL		3,219,750	7,950,000	4,531,500	4,531,500						4,531,500		(1,311,750)	(1,311,750)	132,417	11/01/2043	5FE

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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
25272X-AA-3	DROT 2017-1A A SEQ 3.270% 10/22/29		03/20/2020	Paydown		667,181	667,181	667,013	667,048				133		667,181				3,464	10/22/2029	1FE
25471*-AA-5	DISNEY LMA PT TRUST-DISNEY SR-SEC 4.100%		08/01/24	Redemption 100.0000																	
25755T-AE-0	DPABS 2015-1A A211 SEQ 4.474% 10/25/45		03/01/2020	Paydown		1,832,972	1,832,972	1,832,972	1,832,972						1,832,972				12,524	08/01/2024	1
25755T-AG-5	DPABS 2017-1A A211 SEQ 3.082% 07/25/47		01/25/2020	Paydown		67,500	67,500	67,500	67,500						67,500				755	10/25/2045	2FE
25755T-AH-3	DPABS 2017-1A A23 SEQ 4.118% 07/25/47		01/25/2020	Paydown		37,500	37,500	37,500	37,500						37,500				289	07/25/2047	2FE
25755T-AJ-9	DPABS 2018-1A A21 SEQ 4.116% 07/25/48		01/25/2020	Paydown		125,000	125,000	125,000	125,000						125,000				1,287	07/25/2047	2FE
25755T-AL-4	DPABS SERIES 2019-1A CLASS A2 144A 3.668% 10/25/49		01/25/2020	Paydown		16,063	16,063	16,063	16,063						16,063				165	07/25/2048	2FE
25857@-AA-7	DOUBLE DIAMOND FDG-V-LLC SR CLASS A 3.900%		03/01/2020	Paydown		1,010,038	1,010,038	1,010,038	1,010,038						1,010,038				6,555	08/01/2036	1PL
25857@-AB-5	DOUBLE DIAMOND FDG-VI-LLC CLASS A 4.000%		03/01/2020	Paydown		180,364	180,364	180,364	180,364						180,364				1,456	08/01/2036	2PL
25858*-AA-8	DOUBLE DIAMOND FDG-VI-LLC CLASS B 4.500%		03/01/2020	Paydown		1,289,822	1,289,822	1,289,822	1,289,822						1,289,822				9,247	03/22/2038	1PL
25858*-AB-6	DOUBLE DIAMOND FDG-VII-LLC A-SR-UNSEC 4.500% 12/15/39		03/01/2020	Paydown		396,868	396,868	396,868	396,868						396,868				3,200	03/22/2038	2PL
25859@-AA-5	DOUBLE DIAMOND FDG-VII-LLC B-SUB-UNSEC 5.000% 12/15/39		02/28/2020	Redemption 100.0000		1,348,570	1,348,570	1,348,570	1,348,570						1,348,570				8,731	12/15/2039	1PL
25859@-AB-3	DOUBLE DIAMOND FDG-VII-LLC C-SUB-UNSEC 6.250% 12/15/39		03/01/2020	Paydown		473,974	473,974	473,974	473,974						473,974				3,933	12/15/2039	2PL
25859@-AC-1	DOW CHEMICAL CO/THE SR UNSEC 3.000%		03/01/2020	Paydown		73,077	73,077	73,077	73,077						73,077				761	12/15/2039	3PL
260543-CH-4	DOW LOUISIANA LEASE-BKD PT TRU SR 4.968%		03/26/2020	Call 106.2510 Redemption 100.0000		66,353,750	62,450,000	61,517,317	62,151,471		23,288		23,288		62,174,759		275,241	275,241	4,585,495	11/15/2022	2FE
26061#-AA-5	DOW MICHIGAN LEASE-BACKED PASS 4.860%		03/15/2020	Redemption 100.0000		252,208	252,208	252,208	252,208						252,208				2,091	12/15/2041	2
26061@-AA-7	KEURIG DR PEPPER INC CO GUARNT 2.000%		05/15/42	Redemption 100.0000		111,599	111,599	111,599	111,599						111,599				905	05/15/2042	2
26138E-AQ-2	HONK 2015-1A A2 SEQ 5.216% 07/20/45		01/15/20	Maturity		251,000	251,000	250,329	250,996		4		4		251,000				2,510	01/15/2020	2FE
26208L-AA-6	HONK 2019-1A A2 SEQ 4.641% 04/20/49		01/20/2020	Paydown		65,000	65,000	64,978	64,981		19		19		65,000				848	07/20/2045	2FE
26208L-AD-0	HONK SERIES 2019-2A CLASS A2 144A 3.981%		01/20/2020	Paydown		17,500	17,500	17,500	17,500						17,500				174	10/20/2049	2FE
26208L-AE-8	EQT CORP SR UNSEC 4.875% 11/15/21		03/02/2020	TENDER SALE		7,626,960	7,704,000	7,633,508	7,688,103		1,413		1,413		7,689,516		(62,556)	(62,556)	113,714	11/15/2021	3FE
26885*-AA-3	CTL PT TRUST-NEOMED 2012-SR-SEC 5.390%		03/08/2020	Redemption 100.0000		122,183	122,183	124,129	123,769		(1,586)		(1,586)		122,183				1,373	11/08/2044	2
26885*-AA-3	EAGLES STADIUM OPERATOR LLC / A-SR-SEC 4.580% 01/15/39		01/08/44	Redemption 100.0000		60,720	60,720	61,687	61,508		(788)		(788)		60,720				273	11/08/2044	2YE
27004@-AA-5	EAGLES STADIUM OPERATOR LLC / B-SR-SEC 4.580% 01/15/39		01/15/2020	Redemption 100.0000		524,981	524,981	524,981	524,981						524,981				12,022	01/15/2039	2PL
27004@-AB-3	8POINT3 SOLAR INVESTCO 1-LLC SR-SEC 4.680%		01/15/2020	Redemption 100.0000		167,039	167,039	167,039	167,039						167,039				3,825	01/15/2039	2PL
28258#-AA-4	ELEVATE HOLDCO FDG-LLC A-SR-SEC 5.350%		02/29/2020	Redemption 100.0000		352,091	352,091	352,091	352,091						352,091				5,996	11/30/2035	2PL
28621U-AA-1	ELM RD GENERATING STAT SR SEC 5.209%		03/31/2020	Redemption 100.0000		456,756	456,756	456,756	456,756						456,756				6,109	12/31/2032	2PL
28932M-AA-3	ETI 2009-A A3 SEQ 4.380% 11/01/23		02/11/2020	Paydown		365,353	365,353	365,353	365,353						365,353				9,516	02/11/2030	1FE
29365K-AC-7	EQABS 2002-5 M2 MEZ AFC 6.337% 11/25/32		02/01/2020	Paydown		1,748,729	1,748,729	1,778,160	1,753,308		(4,579)		(4,579)		1,748,729				38,297	11/01/2023	1FE
294751-BQ-4	EQABS 2003-1 M2 MEZ CSTR 5.789% 08/25/33		03/01/2020	Paydown		47,712	47,712	19,111	25,333		161		161		25,532		(25,532)	(25,532)	44	08/25/2033	1FM
294751-BY-7	EQABS 2004-3 AFS STEP AFC AS 4.423%		07/25/34	Paydown		309,514	309,514	308,064	308,365		1,150		1,150		309,514				1,971	07/25/2034	1FM
294751-EV-0	EQABS 2004-3 M3 MEZ STEP AFC NAS 4.408%		03/01/2020	Paydown		195,167	195,167	43,308	45,370		149,797		149,797		195,167				1,242	07/25/2034	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
29669*-AA-9	ESSENTIA HEALTH OBLIGATED GROU QQQ-SR-UNSEC 3.990% 02/15/35		02/15/2020	Redemption 100.0000		3,502,586	3,502,586	3,502,586	3,502,586						3,502,586				69,877	02/15/2035	1
29669*-AB-7	ESSENTIA HEALTH 3.900% 02/15/40		02/15/2020	Redemption 100.0000		492,000	492,000	492,000	492,000						492,000				9,594	02/15/2040	1
29854*-AA-4	EUREKA FEDERAL COURTHOUSE LEAS SR-SEC 3.750% 02/15/35		03/15/2020	Redemption 100.0000		105,870	105,870	105,870	105,870						105,870				663	02/15/2035	1
30219G-AF-5	EXPRESS SCRIPTS HOLDING CO.GUARNT 3.900% 02/15/22		03/17/2020	TENDER SALE		4,773,238	4,660,000	4,567,266	4,635,181		2,392		2,392		4,637,573		135,665	135,665	108,034	02/15/2022	2FE
30219G-AL-2	EXPRESS SCRIPTS HOLDING CO.GUARNT 3.300% 02/25/21		03/31/2020	Call 102.3520		5,015,248	4,900,000	4,889,710	4,897,483		530		530		4,898,013		1,987	1,987	212,268	02/25/2021	2FE
30288*-AB-6	FLNG LIQUEFACTION 2 LLC 4.790% 03/31/38		03/31/2020	Redemption 100.0000		743,400	743,400	743,400	743,400						743,400				17,804	03/31/2038	2FE
30291*-AA-3	FBI BOSTON LEASE-BKD PT TRUST- 4.220% 10/13/36		03/15/2020	Redemption 100.0000		864,904	864,904	864,904	864,904						864,904				6,054	10/13/2036	1
30292@-AA-0	FNA 2018-1 LLC UNSEC 4.300% 04/11/30		03/10/2020	Redemption 100.0000		6,204,189	6,204,189	6,204,189	6,204,189						6,204,189				54,817	05/10/2022	1
30292@-AA-0	FNA 2018-1 LLC UNSEC 4.300% 04/11/30		01/10/2020	Redemption 100.0000		6,339,960	6,339,960	6,339,960	6,339,960						6,339,960				11,960	05/10/2022	1Z
31304*-AA-6	FBI MINNEAPOLIS LEASE-BACK TRU SR-SEC 5.600% 01/10/32		03/10/2020	Redemption 100.0000		467,392	467,392	467,392	467,392						467,392				4,369	01/10/2032	1
31305#-AA-1	FBI CINCINNATI LEASE BKD TRUST SR-SEC 5.600% 02/10/32		03/10/2020	Redemption 100.0000		315,251	315,251	315,251	315,251						315,251				2,947	02/10/2032	1
31306#-AA-0	FBI PORTLAND LEASE BKD TRUST-G SR-SEC 5.600% 03/10/32		03/10/2020	Redemption 100.0000		356,080	356,080	356,080	356,080						356,080				3,329	03/10/2032	1
31306@-AA-2	FBI SAN DIEGO LEASE BKD TRUST- SR-SEC 4.750% 04/26/33		03/10/2020	Redemption 100.0000		984,039	984,039	984,039	984,039						984,039				7,801	04/10/2033	1
31331F-AX-9	FEDEX CORP 1998 PASS TST PT CERTS 6.720% 01/15/22		01/15/2020	Redemption 100.0000		673,770	673,770	625,629	668,757		5,013		5,013		673,770				22,639	07/15/2021	2FE
31331F-BA-8	FEDERAL EXPRESS PT 991A-SR-SEC 7.650% 01/15/22		01/15/2020	Redemption 100.0000		1,304,657	1,304,657	1,304,657	1,304,657						1,304,657				49,903	01/15/2022	1FE
31331F-BB-6	FEDERAL EXPRESS PT 991B-SR-SEC 7.900% 01/15/20		01/15/2020	Redemption 100.0000		99,832	99,832	99,832	99,832						99,832				3,943	01/15/2020	2FE
31435@-AA-6	FEDEX-COLLIERVILLE TN CTL PT T SR-SEC 4.020% 11/15/39		03/15/2020	Redemption 100.0000		213,611	213,611	213,611	213,611						213,611				739	11/15/2039	2Z
31562#-AA-9	FF LANDLORD #1-LLC-FLOWERS SR-SEC 6.540% 09/15/30		03/15/2020	Redemption 100.0000		53,305	53,305	53,305	53,305						53,305				582	09/15/2030	2
31564#-AA-7	WELLS FARGO BK NW-N.A.-FLOWERS SR-SEC 6.750% 03/31/32		03/31/2020	Redemption 100.0000		183,996	183,996	183,996	183,996						183,996				2,074	03/31/2032	2
31565#-AA-6	WELLS FARGO BK NW-N.A.-FLOWERS SR-SEC 7.210% 07/31/31		03/31/2020	Redemption 100.0000		125,224	125,224	125,224	125,224						125,224				1,508	07/31/2031	2
31565@-AA-8	WELLS FARGO BK NW-N.A.-FLOWERS SR-SEC 7.670% 01/31/33		03/31/2020	Redemption 100.0000		186,447	186,447	186,447	186,447						186,447				2,448	01/31/2033	2
31565@-AB-6	WELLS FARGO BK-FLOWERS \$780M SR-SEC 7.670% 01/31/20		01/30/2020	Redemption 100.0000		9,263	9,263	9,263	9,263						9,263				59	01/31/2020	2
31620M-AP-1	FIDELITY NATIONAL INFORM SR UNSEC 3.625% 10/15/20		01/02/2020	Call 101.2159		16,932,401	16,729,000	16,707,085	16,725,266		13		13		16,725,279		3,721	3,721	333,109	10/15/2020	2FE
32027N-ED-9	FFML 2003-FFH1 M1 MEZ FLT STEP 1.997% 09/25/33		01/29/2020	INC.		7,253,799	7,267,426	6,758,706	6,879,220		3,180		3,180		6,882,401		371,399	371,399	20,548	09/25/2033	1FM
32027N-ED-9	FFML 2003-FFH1 M1 MEZ FLT STEP 1.997% 09/25/33		01/27/2020	Paydown		32,936	32,936	30,630	31,176		1,759		1,759		32,936				83	09/25/2033	1FM
32027N-KJ-9	FFML 2004-FF6 M1 MEZ FLT STEP IRC 1.877% 07/25/34		03/25/2020	Paydown		64,066	64,066	38,240	35,059		29,006		29,006		64,066				334	07/25/2034	1FM
32051G-2H-7	FHASI 2006-1 1A10 AD SSSR AS 6.000% 05/25/36		03/01/2020	Paydown		41,889	41,894	32,771	29,474		12,418		12,418		41,892		(3)	(3)	605	05/25/2036	1FM
32051G-2J-3	FHASI 2006-1 1A11 Z SSSR AS 6.000% 05/25/36		03/01/2020	Paydown		169,781	169,799	130,780	117,441		52,353		52,353		169,794		(13)	(13)	2,453	05/25/2036	1FM
32051G-AA-3	FHASIS 2004-AA4 A1 CSTR AS 3.803% 10/25/34		03/01/2020	Paydown		409,590	409,590	386,781	389,984		19,606		19,606		409,590				3,308	10/25/2034	1FM
32051G-N3-5	FHASI 2005-8 1A1 NAS 5.750% 02/25/36		01/15/2020	Paydown																02/25/2036	1FM

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										11	12	13	14	15							
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32051G-P4-1	FHASI 2005-8 1A10 AD AS 5.750% 02/25/36		01/15/2020	Paydown																02/25/2036	1FM
32051G-VL-6	FHAMS 2005-FA7 1A4A SSNR NAS 5.500%		01/08/2020	Paydown																10/25/2035	1FM
32052U-AB-9	FHASI 2006-4 1A2 NAS 5.750% 02/25/37		03/01/2020	Paydown	182,178	184,695	131,399	105,559			78,055		78,055		183,615		(1,437)	(1,437)	951	02/25/2037	1FM
336130-AB-5	FIRST QUALITY FINANCE CO CO.GUARNT 5.000%		02/19/2020	Call 104,8137		11,870,152	11,325,000	11,325,000	11,325,000						11,325,000				903,777	07/01/2025	4FE
33632*-UJ-4	FIRST SECURITY BK NA-PHILLIPS SR-SEC 7.950%		03/10/2020	Redemption 100.0000		279,276	279,276	279,276	279,276						279,276				3,709	12/10/2020	1
33736*-AF-9	FIRST UNION COMMERCIAL CORP.-B SR-SEC 5.800% 01/02/24		01/02/2020	Redemption 100.0000		4,657,620	4,657,620	4,657,620	4,657,620						4,657,620				135,071	01/02/2024	1
33766Q-AC-1	FECH 2013-1 A3 SEQ 3.450% 01/15/36		01/15/2020	Paydown		2,244,851	2,244,851	2,244,804	2,244,851						2,244,851				38,724	01/15/2036	1FE
337925-CA-7	FPLUS 1997-3 M1 MEZ 7.320% 11/10/23		01/01/2020	Paydown																11/10/2023	6FE
337925-CP-4	FPLUS 1997-4 M2 MEZ STEP 7.830% 09/11/23		03/01/2020	Paydown		12,608	12,608				12,608		12,608		12,608				147	09/11/2023	1FM
33840*-AA-3	521-533 LLC-IFF SR-SEC 4.770% 11/15/30		03/15/2020	Redemption 100.0000		470,095	470,095	470,095	470,095						470,095				3,742	11/15/2030	2
33972P-AA-7	FLNG LIQUEFACTION 2 LLC 4.125% 03/31/38		03/31/2020	Paydown		775,000	775,000	775,000	775,000						775,000				15,984	03/31/2038	2FE
34417M-AA-5	FOCUS 2017-1A A21 SEQ 3.857% 04/30/47		01/30/2020	Paydown		11,250	11,250	11,250	11,250						11,250				108	04/30/2047	2FE
34417M-AB-3	FOCUS 2017-1A A211 SEQ 5.093% 04/30/47		01/30/2020	Paydown		55,000	55,000	55,000	55,000						55,000				700	04/30/2047	2FE
34417Q-AA-6	FOCUS 2018-1 A2 SEQ 5.184% 10/30/48		01/30/2020	Paydown		30,000	30,000	30,000	30,000						30,000				389	10/30/2048	2FE
345397-VM-2	FORD MOTOR CREDIT CO LLC SR UNSEC 8.125%		01/15/2020	Maturity		5,625,000	5,625,000	6,370,313	5,629,260		(4,260)		(4,260)		5,625,000				228,516	01/15/2020	3FE
345397-XZ-1	FORD MOTOR CREDIT CO LLC SR UNSEC 3.096%		05/04/23	BARCLAYS BANK PLC		29,550,000	29,550,000	29,550,000	29,550,000						29,550,000				165,185	05/04/2023	2FE
35564L-AH-0	STACR 2019-DNA2 M2 EXCH FLT 3.397% 03/25/49		03/25/2020	Paydown		1,446,279	1,446,279	1,446,279	1,446,279						1,446,279				10,033	03/25/2049	4FE
36157T-JG-7	GEOMSI GEOMSI 1995-01A 8.014% 12/25/24		02/01/2020	Paydown		7,311	7,311				7,311		7,311		7,311				47	12/25/2024	6*
36170U-CQ-2	GFORC 2005 RR2 A4A SC SEQ CDO-CRE CD 5.336%		03/01/2020	Paydown		197,711	197,711				197,711		197,711		197,711				1,732	12/25/2039	6*
361841-AG-4	GLP CAPITAL LP / FIN II CO.GUARNT 4.375%		04/15/21	Call 102.6759		3,080,278	3,000,000	3,000,000	3,000,000						3,000,000				132,414	04/15/2021	2FE
361856-DX-2	GMACM 2004-HE5 A5 CSTR STEP AFC AS 5.886%		03/01/2020	Paydown		97,791	1,111,247	1,111,247	1,111,247						1,111,247		(1,013,456)	(1,013,456)	15,816	09/25/2034	1FM
36185M-AJ-1	GMACM 2005-AF1 A2 FLT AFC AD AS 1.547%		07/25/35	Paydown		208,301	208,301	173,189	168,721		39,581		39,581		208,301				857	07/25/2035	1FM
36185M-EG-3	GMACM 2006-J1 A6 SSNR NAS 5.750% 04/25/36		03/01/2020	Paydown		172,880	179,839	158,491	162,772		16,408		16,408		179,181		(6,301)	(6,301)	1,475	04/25/2036	1FM
36187*-AA-7	WELLS FARGO BK NII-N.A.-WALGREEN CTL1-SR-SEC 5.940% 08/01/31		03/01/2020	Redemption 100.0000		83,100	83,100	83,644	83,392		(291)		(291)		83,100				824	08/01/2031	2
36208#-AA-8	GNI OF PARK RIDGE-LLC-WALGREEN SR-SEC 6.450% 07/15/27		03/15/2020	Redemption 100.0000		32,063	32,063	32,063	32,063						32,063				345	07/15/2027	2
36228C-YQ-0	GSMS 2006 CC1 A SC CSTR CDO-CRE CDO 5.441%		03/01/2020	Paydown		406,991	607,604	58,638	173,603		290,707		290,707		464,309		(57,319)	(57,319)	30,542	03/21/2046	6FE
36228F-3P-9	GSAA 2004-3 AF4 STEP AFC AS 6.220% 04/25/34		03/01/2020	Paydown		286,295	286,295	281,580	281,964		4,331		4,331		286,295				2,422	04/25/2034	1FM
36228F-H6-6	GSR 2004-3F 2A11 NAS 5.500% 02/25/34		03/01/2020	Paydown		21,451	21,451	21,947	21,756		(306)		(306)		21,451				192	02/25/2034	1FM
36228F-TX-4	GSR 2003-7F 1A5 NAS 5.250% 06/25/33		03/01/2020	Paydown		15,548	15,548	15,060	15,084		464		464		15,548				134	06/25/2033	1FM
36228F-UC-8	GSR 2003-7F 2A5 NAS 5.250% 06/25/33		03/01/2020	Paydown		6,274	6,274	6,017	6,030		244		244		6,274				55	06/25/2033	1FM
36228F-VA-1	GSR 2003-7F B1 SUB CSTR NAS 5.888% 06/25/33		03/01/2020	Paydown		79,798	79,798	79,000	79,026		772		772		79,798				788	06/25/2033	1FM
36228F-VB-9	GSR 2003-7F B2 SUB CSTR NAS 5.888% 06/25/33		02/01/2020	Paydown		23,527	23,527	23,153	23,168		359		359		23,527				222	06/25/2033	4FM
3622EC-AK-2	GSAA 2007-5 1F4A CSTR STEP AFC AS 6.032%		03/01/2020	Paydown		168,728	168,728	94,862	94,890		73,837		73,837		168,728				601	05/25/2037	1FM
3622EL-AD-8	GSAA 2006-18 AF4A STEP AFC AS 5.923%		03/01/2020	Paydown		317,411	317,411	162,430	152,432		164,979		164,979		317,411				1,246	11/25/2036	1FM
3622MP-AA-6	GSR 2007-1F 3A1 EXCH SEQ AS 6.000% 01/25/37		03/01/2020	Paydown		67,217	68,674	37,336	23,396		44,310		44,310		67,706		(490)	(490)	640	01/25/2037	1FM

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										11	12	13	14	15							
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3622MP-BE-7	GSR 2007-1F 3A15 EXCH SEQ AS 6.000% 01/25/37		03/01/2020	Paydown		613,902	626,900	558,483	552,018		73,282		73,282		625,300		(11,398)	(11,398)	5,841	01/25/2037	2FM
3622MI-AR-4	GSR 2007-3F 3A5 EXCH SEQ AS 6.000% 05/25/37		03/01/2020	Paydown		104,438	109,610	40,403	36,427		69,720		69,720		106,147		(1,709)	(1,709)	1,215	05/25/2037	1FM
3622N6-AC-3	GSR 2007-AR2 2A1 CSTR SSNR AS 4.183% 05/25/37		03/01/2020	Paydown		194,394	193,141	87,341	46,548		147,546		147,546		194,093		301	301	1,545	05/25/2037	1FM
362332-AH-4	GSMS 2006-6G8 AJ SEQ 5.622% 11/10/39		02/01/2020	Paydown		113,740	113,740	87,795	87,795		25,944		25,944		113,740				1,066	11/10/2039	1FM
362334-AA-2	GSAA 2006-2 2A4 FLT STEP 1.567% 12/25/35		03/25/2020	Paydown		683,080	683,080	600,683	641,198		41,881		41,881		683,080				3,373	12/25/2035	1FM
362334-JU-9	GSR 2006-3F 2A6 SEQ AS 5.750% 03/25/36		03/01/2020	Paydown		42,943	45,173	26,881	22,448		21,601		21,601		44,050		(1,107)	(1,107)	532	03/25/2036	1FM
362334-ME-1	GSAA 2006-6 AF3 AFC AS 5.734% 03/25/36		03/01/2020	Paydown		260,162	260,162	114,594	104,239		155,923		155,923		260,162				983	03/25/2036	1FM
362334-NC-4	GSAA 2006-7 AF3 STEP AFC AS 6.220% 03/25/46		03/01/2020	Paydown		206,936	206,936	109,844	99,637		107,298		107,298		206,936				1,412	03/25/2046	1FM
362334-QC-1	GSAA 2006-7 AF5A STEP AFC NAS 6.205% 03/25/46		03/01/2020	Paydown		141,110	141,110	118,522	126,569		14,542		14,542		141,110				978	03/25/2046	1FM
362341-B9-9	GSAMP 2005-AHL2 A1B FLT STEP 1.257% 12/25/35		03/25/2020	Paydown		219,227	219,227	164,244	188,198		31,028		31,028		219,227				603	12/25/2035	1FM
362341-MQ-9	GSR 2005-7F 2A5 Z AS 5.500% 09/25/35		02/01/2020	Paydown		11,282	10,585	10,904	10,904		378		378		11,282				78	09/25/2035	1FM
362341-MX-4	GSR 2005-7F 3A5 SSNR NAS 6.000% 09/25/35		03/01/2020	Paydown		10,997	10,997	10,958	10,957		40		40		10,997				102	09/25/2035	1FM
362341-O3-6	GSR 2005-9F 1A1 EXCH PT 5.500% 12/25/35		03/01/2020	Paydown		143,468	149,326	32,435	4,067		139,561		139,561		143,628		(160)	(160)	1,899	12/25/2035	1FM
362341-O8-5	GSR 2005-9F 1A6 EXCH SEQ AS 5.500% 12/25/35		03/01/2020	Paydown		187,115	187,115	108,698	101,971		85,143		85,143		187,115				2,407	12/25/2035	1FM
362341-QK-8	GSAA 2005-11 3A5 FLT STEP 1.317% 10/25/35		03/25/2020	Paydown		504,754	504,754	464,053	482,611		22,143		22,143		504,754				1,868	10/25/2035	1FM
362341-S7-5	GSR 2005-9F 2A6 SSNR NAS 6.000% 01/25/36		03/01/2020	Paydown		65,051	71,579	40,210	25,587		41,771		41,771		67,359		(2,308)	(2,308)	858	01/25/2036	1FM
362341-SS-9	GSAA 2005-12 AF4 AFC 5.344% 09/25/35		03/01/2020	Paydown		111,790	111,790	90,708	81,523		30,267		30,267		111,790				700	09/25/2035	1FM
362358-AA-7	GSA HONOLULU LEASE BKD TRUST-G 2011-SR-SEC 5.010% 10/21/32		03/15/2020	Redemption	100.0000	741,021	741,021	741,021	741,021						741,021				6,196	10/15/2032	1
362375-AD-9	GSAA 2006-10 AF4 STEP AFC AS 6.295% 06/25/36		03/01/2020	Paydown		182,534	182,534	78,089	70,357		112,178		112,178		182,534				701	06/25/2036	1FM
36242D-4T-7	GSR 2005-AR3 3A1 CSTR SSNR AS 4.160% 05/25/35		03/01/2020	Paydown		66,814	66,814	60,933	59,818		6,995		6,995		66,814				524	05/25/2035	1FM
36242D-4T-7	GSR 2005-AR3 3A1 CSTR SSNR AS 4.160% 05/25/35		01/01/2020	Paydown		137,766	137,766	125,640	123,342		14,424		14,424		137,766				506	05/25/2035	2FM
36242D-4W-0	GSR 2005-AR3 6A1 CSTR SSNR AS 3.974% 05/25/35		03/01/2020	Paydown		141,514	141,514	123,584	122,370		19,144		19,144		141,514				595	05/25/2035	1FM
36242D-BU-6	GSR 2004-9 5A7 CSTR SSNR AS 4.145% 08/25/34		03/01/2020	Paydown		109,854	109,854	89,668	100,180		9,673		9,673		109,854				630	08/25/2034	1FM
36242D-FT-5	GSR 2004-11 2A2 CSTR AFC AS 4.390% 09/25/34		03/01/2020	Paydown		148,129	148,129	143,144	143,405		4,724		4,724		148,129				1,277	09/25/2034	1FM
36242D-LF-8	GSR 2004-12 3A6 CSTR AS 4.118% 12/25/34		03/01/2020	Paydown		98,606	98,606	97,004	98,606						98,606				683	12/25/2034	1FM
36242D-NC-3	GSAA 2004-10 AF4 STEP AFC AS 4.536% 08/25/34		03/01/2020	Paydown		282,054	282,054	282,047	281,843		211		211		282,054				2,366	08/25/2034	1FM
36242D-QV-8	GSR 2004-15F 1A3 NAS 5.500% 12/25/34		03/01/2020	Paydown		180,845	180,845	181,015	180,845						180,845				1,229	12/25/2034	2FM
36242D-SS-3	GSAA 2005-1 AF4 STEP AFC AS 5.619% 11/25/34		03/01/2020	Paydown		508,727	508,727	508,727	508,727						508,727				4,819	11/25/2034	1FM
36242D-VJ-9	GSR 2005-1F 3A3 Z SUP AS 6.000% 01/25/35		03/01/2020	Paydown		457,648	457,648	356,555	344,477		113,171		113,171		457,648				3,849	01/25/2035	1FM
36242D-W7-4	GSR 2005-4F 4A4 PAC-1-11 AS 5.500% 05/25/35		03/01/2020	Paydown		282,468	282,468	274,822	280,159		2,309		2,309		282,468				1,528	05/25/2035	1FM
36242D-YG-2	GSR 2005-2F 2A3 Z SUP AS 6.000% 03/25/35		03/01/2020	Paydown		391,513	396,817	315,070	324,206		71,625		71,625		395,831		(4,318)	(4,318)	3,235	03/25/2035	1FM
362448-AA-6	GSA MCLELLAN LEASE BKD TRUST- SR-SEC 4.460% 07/15/33		03/15/2020	Redemption	100.0000	156,265	156,265	156,265	156,265						156,265				1,163	07/15/2033	1
36245*-AA-7	GSA CHESAPEAKE LEASED BACK TRU 2012-SR-SEC 4.500% 09/15/33		03/15/2020	Redemption	100.0000	224,850	224,850	224,852	224,851		(1)		(1)		224,850				1,688	09/15/2033	1
36249B-AB-6	GSAA 2007-7 1A2 FLT STEP IRC 1.127% 07/25/37		03/25/2020	Paydown		127,174	127,174	106,826	115,301		11,873		11,873		127,174				432	07/25/2037	1FM
362538-AA-4	GSA CHESAPEAKE LEASED BACK TRU SR-UNSEC 4.000% 09/15/33		03/15/2020	Redemption	100.0000	252,456	252,456	252,456	252,456						252,456				1,677	09/15/2033	1
36255*-AA-4	GSS FINANCING 2019A SR-UNSEC 4.300% 12/15/62		03/16/2020	Redemption	100.0000	127,323	127,323	127,323	127,323						127,323				1,114	12/15/2062	1PL

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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
36255*-AB-2	GSS FINANCING 2019A SR-UNSEC 4.550% 12/15/62		03/15/2020	Paydown		9,392	9,392	9,392	9,392						9,392				(28)	12/15/2062	1PL
36255*-AC-0	GSS FINANCING 2019A SR-UNSEC 4.100% 12/15/62		03/16/2020	Paydown		366,624	366,624	366,624	339,981						366,624				3,112	12/15/2062	1PL
36255*-AC-0	GSS FINANCING 2019A SR-UNSEC 4.100% 12/15/62		01/15/2020	Paydown		39,336	39,336	39,336	39,336						39,336				74	12/15/2062	1Z
36255*-AD-8	GSS FINANCING 2019A SR-UNSEC 4.550% 12/15/62		03/15/2020	Paydown		8,721	8,721	8,721	7,697						8,721				85	12/15/2062	1PL
362669-AK-9	GSR 2007-4F 3A1 SSNR AS 6.000% 07/25/37		03/01/2020	Paydown		121,014	166,641	73,292	30,248		98,973		98,973		129,221		(8,208)	(8,208)	1,675	07/25/2037	1FM
362669-AQ-6	GSR 2007-4F 3A6 SSNR NAS 6.000% 07/25/37		03/01/2020	Paydown		75,758	104,322	83,699	79,115		18,239		18,239		97,355		(21,597)	(21,597)	1,049	07/25/2037	1FM
36298J-AA-1	GSMS 2006 RP2 A1 SC CSTR CDO-CRE CD 5.317% 06/23/46		03/01/2020	Paydown		323,036	332,419	13,498	13,498		309,919		309,919		323,417		(381)	(381)	4,628	06/23/2046	6FE
36828Q-KX-3	GECCM 2005-C1 D SUB CSTR AFC 5.030% 06/10/48		02/01/2020	Paydown		6,192,468	8,289,663	8,308,916	8,285,658		2,991		2,991		8,288,650		(2,096,182)	(2,096,182)	55,543	06/10/2048	3FM
36828Q-KZ-8	GECCM 2005-C1 XC 10 CSTR NTL 1.003% 06/10/48		02/01/2020	Paydown															1,493	06/10/2048	6*
36877*-AA-2	GENCON ENERGY LLC SR-SEC 4.730% 07/25/41		01/15/2020	Redemption 100.0000		845,867	845,867	845,867	845,867						845,867				20,005	07/15/2041	1PL
37246#-AA-0	WELLS FARGO BK NII-N.A.-GPC 200 SR-SEC 6.010% 10/15/27		03/15/2020	Redemption 100.0000		509,768	509,768	509,768	509,768						509,768				5,115	10/15/2027	2
37653#-AA-6	GLADSTONE FOREST SERVICE LEASE SR-SEC 4.700% 01/15/27		03/15/2020	Redemption 100.0000		65,422	65,422	65,422	65,422						65,422				513	01/15/2027	1
37875*-AA-2	GLENN POOL TRUST II SR-SEC 6.000% 08/02/21		03/02/2020	Redemption 100.0000		1,760,636	1,760,636	1,751,833	1,759,467		1,170		1,170		1,760,636				18,356	05/01/2021	4
38119#-AD-6	GOLDEN SPREAD ELECTRIC COOP-IN C-SR-SEC 4.950% 08/10/41		02/10/2020	Redemption 100.0000		1,027,171	1,027,171	1,027,171	1,027,171						1,027,171				25,631	08/10/2041	1
38642*-AA-2	GRAND RAPIDS VA LEASE-BKD PT T SR-SEC 3.643% 10/15/34		03/15/2020	Redemption 100.0000		175,439	175,439	175,439	175,439						175,439				1,065	10/15/2034	1
39278*-AA-1	GREEN COUNTRY ENERGY-LLC SR-SEC 7.210% 02/10/24		02/10/2020	Redemption 100.0000		756,465	756,465	756,465	756,465						756,465				13,635	02/10/2024	4FE
39625#-AA-7	GREENVILLE NC VA CLINIC LEASE- SR-SEC 4.230% 11/15/33		03/15/2020	Redemption 100.0000		358,725	358,725	358,725	358,725						358,725				2,532	11/15/2033	1
396789-FY-0	GCCFC 2004-GG1 F SUB CSTR AFC 6.608% 06/10/36		01/01/2020	Paydown		7,246,505	7,246,505	7,259,411	7,246,505						7,246,505				39,904	06/10/2036	1FM
396789-FZ-7	GCCFC 2004-GG1 G SUB CSTR AFC 6.608% 06/10/36		01/01/2020	Paydown		15,022,000	15,022,000	14,935,624	15,022,000						15,022,000				193,482	06/10/2036	2FM
396789-GK-9	GCCFC 2004-GG1 XC 10 CSTR NTL 0.267% 06/10/36		01/01/2020	Paydown															3,314	06/10/2036	6FE
39813#-AA-9	GRIDFLEX GENERATION-LLC SR-UNSEC 5.210% 12/31/30		03/31/2020	Redemption 100.0000		1,273,729	1,273,729	1,273,729	1,273,729						1,273,729				16,590	12/31/2030	2PL
39942*-AA-7	(STAMFORD GROUND LEASE) GROUND (STAMFORD GROUND LEASE) GROUND 3.988% 12/10/49		03/10/2020	Redemption 100.0000		35,685	35,685	35,685	35,685						35,685				147	12/10/2049	1FE
39950*-AA-6	TR CTF ISSUED AUG 2017-11790 U 4.210% 08/15/48		03/15/2020	Redemption 100.0000		15,156	15,156	15,156	15,156						15,156				106	08/15/2048	1PL
40408L-AC-1	HASI SYB TRUST 2017-1 3.860% 09/20/37		03/20/2020	Redemption 100.0000		1,244,806	1,244,806	1,244,661	1,244,655		151		151		1,244,806				4,630	09/20/2037	1PL
40460H-AA-9	HA WILDCAT LLC SR-UNSEC 4.121% 06/30/27		01/15/2020	Redemption 100.0000		13,376,928	13,376,928	13,376,928	13,376,928						13,376,928				140,878	06/30/2027	2Z
40466#-AA-7	HD-WEST MIFFLIN PA CTL PT TR- 3.952% 01/15/38		03/15/2020	Redemption 100.0000		43,890	43,890	43,890	43,890						43,890				290	01/15/2038	1
406216-BD-2	HALLIBURTON CO SR UNSEC 3.500% 08/01/23		03/03/2020	TENDER SALE		71,642,751	66,358,000	66,202,722	66,295,878		2,855		2,855		66,298,733		5,344,018	5,344,018	1,380,615	08/01/2023	2FE
40833#-AA-3	HAMMES CO CAPTL ISSAQUAH HLDIN SR-SEC 6.840% 06/15/36		03/15/2020	Redemption 100.0000		367,165	367,165	367,165	367,165						367,165				4,194	06/15/2036	1
40833#-AA-5	HAMMES CO CAP LAND HLD-SWEDISH SR-SEC 6.400% 06/15/36		03/15/2020	Redemption 100.0000		74,752	74,752	74,752	74,752						74,752				799	06/15/2036	1
41161P-LD-3	HVHLT 2005-1 2A1A FLT STEP AFC SSNR 1.290% 03/19/35		03/19/2020	Paydown		80,227	80,227	68,931	70,084		10,143		10,143		80,227				407	03/19/2035	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
41161P-SX-2	HVMLT 2005-9 B3 SUB FLT STEP NAS 1.473% 06/20/35		03/20/2020	Paydown		107,921	107,921	103,435	103,762		4,159		4,159		107,921				492	06/20/2035	4FM
41161P-XH-1	HVMLT 2005-15 2A11 FLT STEP AFC IRC 1.043% 10/20/45		03/20/2020	Paydown Redemption 100.0000		32,853	32,853	27,904	28,474		4,379		4,379		32,853				126	10/20/2045	1FM
41810*-AA-2	HASI SYB TRUST 2015-1 SR 4.283% 10/20/45 HAWAIIAN ELECTRIC INDUSTRIES-I B-SR-UNSEC		01/20/2020			505,134	505,134	505,134	505,134						505,134				5,409	10/20/2034	1FE
419866-C8-5	4.030% 01/01/20 HD CALIF DFDC LANDLORD-HOME DE SR-SEC		01/01/2020	Maturity Redemption 100.0000		22,800,000	22,800,000	22,800,000	22,800,000						22,800,000				461,972	01/01/2020	2
42210#-AA-2	3.570% 04/30/34 HD TROY OH LANDLORD LLC-HOME D SR-SEC		03/31/2020	Redemption 100.0000		260,356	260,356	260,356	260,356						260,356				1,551	04/30/2034	1
42212#-AA-0	3.550% 11/30/34 HEALTH FIRST PHYSICIANS-INC.-H SR-SEC		03/31/2020	Redemption 100.0000		395,774	395,774	395,774	395,774						395,774				2,344	11/30/2034	1
422510-AA-4	4.490% 03/01/38		03/01/2020			535,027	535,027	535,027	535,027						535,027				4,009	03/01/2038	1
42770L-AA-1	HERO 2015-1A A SEQ 3.840% 09/21/40		03/20/2020	Paydown		521,988	521,988	521,752	521,871		117		117		521,988				3,171	09/21/2040	1FE
42770Q-AA-0	HERO 2014-2A A SEQ 3.990% 09/21/40		03/20/2020	Paydown		277,718	277,718	277,529	277,602		116		116		277,718				5,540	09/21/2040	1FE
42770V-AA-9	HERO 2016-1A A SEQ 4.050% 09/20/41		03/20/2020	Paydown		213,399	213,399	212,806	212,806		593		593		213,399				1,288	09/20/2041	1FE
42770X-AA-7	HERO 2016-2A A SEQ 3.750% 09/20/41		03/20/2020	Paydown		164,968	164,968	164,914	164,542		426		426		164,968				989	09/20/2041	1FE
42770Y-AA-5	HERO 2016-3A A1 SEQ 3.080% 09/20/42		03/20/2020	Paydown		220,371	220,371	220,354	220,371		364		364		220,371				1,181	09/20/2042	1FE
42771A-AA-4	HERO 2017-3A A1 SEQ 3.190% 09/20/48		03/20/2020	Paydown		348,566	348,566	348,448	348,455		111		111		348,566				1,571	09/20/2048	1FE
42771L-AB-8	HERO 2017-2A A1 SEQ 3.280% 09/20/48		03/20/2020	Paydown		85,019	85,019	85,009	85,019		10		10		85,019				511	09/20/2048	1FE
42771X-AA-4	HERO 2017-1A A1 SEQ 3.710% 09/20/47		03/20/2020	Paydown		226,820	226,820	226,729	226,735		85		85		226,820				1,370	09/20/2047	1FE
427840-AA-0	HERSHEY CAMPUS LEASE -BKD SR-SEC 5.820% 08/01/41		03/01/2020	Redemption 100.0000		131,308	131,308	131,308	131,308						131,308				1,276	08/01/2041	1
43721#-AA-2	HOME DEPOT LEASE-COLLATERALIZE SR-SEC 3.880% 01/15/28		03/15/2020	Redemption 100.0000		111,547	111,547	112,663	112,207		(659)		(659)		111,547				722	01/15/2028	1
43721*-AA-6	HOME DEPOT MOORPARK LEASE BACK SR-SEC 4.409% 01/31/29		03/01/2020			274,014	274,014	274,014	274,014						274,014				2,016	01/01/2029	1
43739E-BS-5	HMBT 2005-4 A1 FLT STEP AFC IRC SSN 1.195% 10/25/35		03/25/2020	Paydown		98,906	98,906	91,396	94,895		4,011		4,011		98,906				346	10/25/2035	1FM
43739E-BT-3	HMBT 2005-4 A2 FLT STEP AFC IRC SSU 1.255% 10/25/35		03/25/2020	Paydown		41,690	41,690	38,524	39,998		1,692		1,692		41,690				153	10/25/2035	1FM
44040J-AB-4	HORZN SERIES 2019-2 CLASS B 144A 4.458% 11/15/39		03/15/2020	Paydown		35,714	35,714	35,713	35,713		1		1		35,714				265	11/15/2039	2FE
44231#-AA-3	HOUSTON SSA LEASE-BKD TRUST-GS SR-SEC 4.000% 08/15/22		03/15/2020	Redemption 100.0000		116,086	116,086	116,086	116,086						116,086				775	08/15/2022	1
443010-AA-0	HOWE STREET LANDLORD LLC-YALE SR-SEC 3.750% 01/25/38		03/25/2020	Redemption 100.0000		174,719	174,719	174,719	174,719						174,719				1,102	01/25/2038	1
44411*-AB-7	HUDSON RANCH POWER I-LLC SR-SEC 6.250% 03/31/42		03/31/2020	Redemption 100.0000		221,374	221,374	221,374	221,374						221,374				3,459	03/31/2042	3
449670-EP-9	IMCHE 1998-3 A7 STEP AFC AS 5.432% 08/20/29		03/01/2020	Paydown Redemption 100.0000		23,709	23,709	23,141	23,229		480		480		23,709				239	08/20/2029	1FM
450310-AA-4	ISU LEASE-BKD PT TRUST-INDIANA SR-SEC 5.050% 06/15/45		03/15/2020	Redemption 100.0000		106,263	106,263	106,263	106,263						106,263				896	06/15/2045	1
45071K-AU-8	IXIS 2005-HE1 M4 MEZ FLT STEP 1.997% 06/25/35		03/25/2020	Paydown		95,062	95,062	87,041	90,353		4,709		4,709		95,062				449	06/25/2035	1FM
45073D-AA-6	IXIS 2007-HE1 A1 FLT STEP IRC 1.007% 05/25/37		03/25/2020	Paydown		2,235	2,235	567	416		1,820		1,820		2,235				4	05/25/2037	1FM
45254N-LL-9	IMM 2004-10 2A FLT STEP AFC 1.587% 03/25/35		03/25/2020	Paydown		463,299	463,299	379,905	387,296		76,004		76,004		463,299				2,359	03/25/2035	1FM
45254N-NB-0	IMM 2004-11 2A1 FLT STEP AFC SSNR 1.607% 03/25/35		02/25/2020	Paydown		81,683	81,683	79,927	80,126		1,557		1,557		81,683				198	03/25/2035	1FM
45254N-NP-8	IMM 2005-3 A1 FLT STEP AFC SSNR 1.427% 08/25/35		03/25/2020	Paydown		240,771	240,771	207,865	203,923		36,848		36,848		240,771				943	08/25/2035	1FM
45254N-PA-9	IMM 2005-4 1A1A FLT STEP AFC IRC S 1.487% 05/25/35		03/25/2020	Paydown		881,285	881,285	534,836	556,406		324,879		324,879		881,285				3,352	05/25/2035	1FM
45254N-PU-5	IMM 2005-5 A1 FLT STEP AFC IRC SSN 1.587% 08/25/35		03/25/2020	Paydown		723,076	723,076	435,462	444,364		278,713		278,713		723,076				2,968	08/25/2035	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
45254N-PW-1	IMM 2005-5 A3W FLT STEP AFC IRC AS 1.447% 08/25/35		03/25/2020	Paydown		98,597	98,597	84,502	87,837				10,760		98,597				.381	08/25/2035	1FM
45254N-RG-4	IMM 2005-8 1A FLT STEP AFC IRC SSN 1.467% 02/25/36		03/25/2020	Paydown		609,472	609,472	482,190	530,232				79,240		609,472				2,442	02/25/2036	1FM
45256H-AA-0	IMPACT C.I.L.PARENT-LLC.COMM PASS-THROUGH CERT REVOLVI 5.820% 08/22/56		02/28/2020	Paydown		(1,494,091)	(1,494,091)	(1,494,154)	(1,494,091)						(1,494,091)				(140)	08/22/2056	2FE
45256H-AD-0	IMPACT COMMUNITY CAPITAL SEQ MORTGAGE PASS-THRU CLASS C 5.137% 12/01/23		03/01/2020	Paydown		61,692	61,692	63,794	61,783		(92)		(92)		61,692				530	12/01/2023	1FE
45257H-AA-5	IFUND 2010-1 A1 SEQ 5.314% 01/25/51		03/01/2020	Paydown		120,855	120,855	120,849	120,707		148		148		120,855				1,072	01/25/2051	1FM
45660L-PD-5	RAST 2005-A6CB A3 SEQ SSNR AS 5.500% 06/25/35		03/01/2020	Paydown		150,787	150,787	116,180	115,640				35,147		150,787				1,637	06/25/2035	1FM
45660L-RE-1	INDX 2005-AR13 4A1 CSTR SSNR AS 3.768% 08/25/35		03/01/2020	Paydown		166,471	166,471	62,472	55,040				111,431		166,471				1,052	08/25/2035	1FM
45667H-AA-6	INDX 2006-FLX1 A1 FLT STEP AFC IRC 1.157% 11/25/36		03/25/2020	Paydown		307,479	307,479	267,218	271,574				35,904		307,479				1,318	11/25/2036	1FM
45670A-AA-9	INDX 2007-FLX3 A1 FLT STEP IRC SSNR 1.187% 06/25/37		03/25/2020	Paydown		1,565,071	1,565,071	1,485,913	1,493,258				71,813		1,565,071				5,208	06/25/2037	1FM
46412Q-AD-9	IRIHE 2006-2 2A3 STEP AFC AS 6.900% 02/25/36		03/01/2020	Paydown		103,317	103,317	36,026	28,569				74,748		103,317				1,300	02/25/2036	1FM
46591C-AA-9	JG WENTWORTH XLIV LLC SR-UNSEC 2019-B CLASS A 3.900% 02/15/77		03/15/2020	Paydown		749,354	749,354	749,354	749,354						749,354				4,629	02/15/2077	1PL
465964-AN-4	JPMIT 2018-LTV1 A13 EXCH AFC SSUP 4.500% 04/25/49		03/01/2020	Paydown		3,975,190	3,975,190	3,984,507	3,980,520		(5,330)		(5,330)		3,975,190				28,744	04/25/2049	1FM
46616M-AA-8	HENDR 2010-3A A SEQ 3.820% 12/15/48		03/15/2020	Paydown		32,475	32,475	34,101	33,855		(1,381)		(1,381)		32,475				194	12/15/2048	1FE
46616M-AB-6	HENDR 2010-3A B SUB 6.850% 12/15/50		03/15/2020	Paydown		58,014	58,014	64,613	63,879		(5,865)		(5,865)		58,014				623	12/15/2050	1FE
46616Q-AA-9	HENDR 2011-2A A SEQ 4.940% 09/15/56		03/15/2020	Paydown		154,978	154,978	175,971	173,845		(18,867)		(18,867)		154,978				1,168	09/15/2056	1FE
46616V-AA-8	HENDR 2012-1A A SEQ 4.210% 02/16/65		03/16/2020	Paydown		482,554	482,554	500,316	500,912		(18,357)		(18,357)		482,554				2,450	02/16/2065	1FE
46616V-AB-6	HENDR 2012-1A B SUB 7.140% 02/15/67		03/16/2020	Paydown		140,486	140,486	162,737	167,228		(26,742)		(26,742)		140,486				1,210	02/15/2067	2FE
46616V-AC-8	HENDR 2012-2A B SUB 6.770% 10/17/61		03/15/2020	Paydown		28,503	28,503	29,501	29,434		(931)		(931)		28,503				332	10/17/2061	2FE
46617A-AA-3	HENDR 2012-3A A SEQ 3.220% 09/15/65		03/16/2020	Paydown		304,389	304,389	303,962	304,142		247		247		304,389				1,522	09/15/2065	1FE
46617A-AB-1	HENDR 2012-3A B SUB 6.170% 09/15/67		03/15/2020	Paydown		122,438	122,438	130,336	128,962		(6,524)		(6,524)		122,438				1,173	09/15/2067	1FE
46617F-AA-2	HENDR 2013-1A A SEQ 3.220% 04/15/67		03/15/2020	Paydown		1,336,836	1,336,836	1,335,908	1,336,557		280		280		1,336,836				6,652	04/15/2067	1FE
46617J-AA-4	HENDR 2013-2A A SEQ 4.210% 03/15/62		03/16/2020	Paydown		597,313	597,313	597,173	597,374		(61)		(61)		597,313				3,751	03/15/2062	1FE
46617J-AB-2	HENDR 2013-2A B SUB 5.680% 03/17/64		03/16/2020	Paydown		247,604	247,604	257,931	257,321		(9,717)		(9,717)		247,604				2,098	03/17/2064	2FE
46617L-AA-9	HENDR 2013-3A A SEQ 4.080% 01/17/73		03/16/2020	Paydown		18,318	18,318	18,968	18,936		(618)		(618)		18,318				124	03/17/2073	1FE
46617L-AB-7	HENDR 2013-3A B SUB 5.540% 01/15/75		03/15/2020	Paydown		288,238	288,238	329,087	321,841		(33,603)		(33,603)		288,238				2,639	01/15/2075	2FE
46617T-AA-2	HENDR 2014-1A A SEQ 3.960% 03/15/63		03/15/2020	Paydown		38,512	38,512	39,550	39,453		(941)		(941)		38,512				240	03/15/2063	1FE
46617T-AB-0	HENDR 2014-1A B SUB 4.940% 03/16/65		03/15/2020	Paydown		203,346	203,346	212,901	212,446		(9,101)		(9,101)		203,346				1,579	03/16/2065	2FE
46618A-AA-2	HENDR 2014-2A A SEQ 3.610% 01/17/73		03/15/2020	Paydown		146,857	146,857	146,642	146,654		202		202		146,857				861	01/17/2073	1FE
46618A-AB-0	HENDR 2014-2A B SUB 4.480% 01/15/75		03/15/2020	Paydown		295,631	295,631	304,292	303,530		(7,899)		(7,899)		295,631				2,150	01/15/2075	2FE
46618H-AA-7	HENDR 2014-3A A SEQ 3.500% 06/15/77		03/15/2020	Paydown		312,231	312,231	312,090	312,114		117		117		312,231				1,700	06/15/2077	1FE
46618H-AB-5	HENDR 2014-3A B SUB 4.400% 06/15/79		03/15/2020	Paydown		127,515	127,515	127,485	127,488		27		27		127,515				873	06/15/2079	2FE
46618L-AA-8	HENDR 2015-1A A SEQ 3.260% 09/15/72		03/15/2020	Paydown		322,897	322,897	315,581	315,941		6,956		6,956		322,897				1,752	09/15/2072	1FE
46618L-AB-6	HENDR 2015-1A B SUB 4.250% 09/17/74		03/15/2020	Paydown		141,343	141,343	141,221	141,220		123		123		141,343				1,000	09/17/2074	2FE
466247-A3-7	JPMIT 2005-S3 1A14 NAS 5.500% 01/25/36		03/01/2020	Paydown		183,350	183,350	89,217	58,397				124,969		183,367		(17)	(17)	1,947	01/25/2036	1FM
466247-J9-5	JPMIT 2006-A2 3A1 CSTR SSNR AS 3.729% 04/25/36		03/01/2020	Paydown		16,379	16,379	448	571				15,808		16,379				.98	04/25/2036	1FM
466247-JJ-3	JPMIT 2004-S2 2A12 SEQ AS 5.750% 11/25/34		03/01/2020	Paydown		153,833	153,833	152,239	152,290				1,543		153,833				2,006	11/25/2034	1FM
466247-QM-8	JPMIT 2005-S2 2A15 SEQ AS 6.000% 09/25/35		03/01/2020	Paydown		372,931	372,931	314,804	305,186				67,745		372,931				2,350	06/25/2035	1FM
466247-VH-3	JPMIT 2005-A7 1A3 CSTR SSNR AS 4.092% 10/25/35		03/01/2020	Paydown		28,773	28,841	16,329	11,557				17,243		28,800		(27)	(27)	212	09/25/2035	1FM
466247-WK-5	JPMIT 2005-S3 1A3 PAC-1-11 AS 5.750% 01/25/36		03/01/2020	Paydown		355,622	355,622	216,982	220,125				135,497		355,622				2,479	10/25/2035	1FM
466247-ZQ-9	JPMCC 2004-CB8 X1 10 CSTR NTL 0.000% 01/12/33		03/01/2020	Paydown		256,736	256,741	153,716	106,331				150,407		256,738		(2)	(2)	2,042	01/25/2036	1FM
46625M-2G-3	JPMCC 2003-CB7 G SUB CSTR 5.807% 01/12/38		03/01/2020	Paydown				5,491	357				(41)		316		(316)	(316)		01/12/2039	6FE
46625M-Q5-1	JPMCC 2003-CB7 G SUB CSTR 5.807% 01/12/38		03/01/2020	Paydown		713,768	713,768	710,181	712,430				1,338		713,768				7,038	01/12/2038	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
46628S-AG-8	JPMAC 2006-WF1 A4 STEP AFC AS 6.130%		03/01/2020	Paydown		221,091	221,091	78,066	71,365		149,726		149,726		221,091				855	07/25/2036	1FM
46628Y-BK-5	JPMIT 2006-S2 3A8 SEQ SSNR AS 6.250%		01/01/2020	Paydown		15,557	211,544	133,841	117,838		6,891		6,891		124,729		(109,172)	(109,172)	1,102	07/25/2036	1FM
46628Y-BP-4	JPMIT 2006-S2 3A12 SEQ SSNR AS 6.500%		01/01/2020	Paydown		2,815	3,031	2,094	2,195		777		777		2,971		(157)	(157)	16	07/25/2036	4FM
46630W-AL-4	JPMIT 2007-S2 1A11 PAC-11 SSNR AS 6.000%		06/25/37	Paydown		37,473	42,733	26,717	19,835		20,080		20,080		39,915		(2,441)	(2,441)	503	06/25/2037	1FM
46636S-AA-1	JACK 2019-1A A21 SEQ 3.982% 08/25/49		02/25/2020	Paydown		47,500	47,500	47,500	47,500						47,500				473	08/25/2049	2FE
46637W-AD-5	JPMCC 2012-CBX A4 SEQ 3.483% 06/15/45		03/01/2020	Paydown		54,535	54,535	57,518	54,929		(394)		(394)		54,535				325	06/15/2045	1FM
46648U-AZ-7	JPMIT 2017-4 B2 SUB CSTR 3.939% 11/25/48		03/01/2020	Paydown		13,045	13,045	13,166	13,127		(82)		(82)		13,045				87	11/25/2048	1FM
46648U-BA-1	JPMIT 2017-4 B3 SUB CSTR 3.939% 11/25/48		03/01/2020	Paydown		42,827	42,827	42,827	42,244		582		582		42,827				287	11/25/2048	1FM
46649H-AZ-5	JPMIT 2017-6 B2 SUB CSTR 3.818% 12/25/48		03/01/2020	Paydown		38,327	38,327	38,528	38,494		(157)		(157)		38,327				244	12/25/2048	1FM
46649H-BA-9	JPMIT 2017-6 B3 SUB CSTR 3.818% 12/25/48		03/01/2020	Paydown		37,195	37,195	36,422	36,519		676		676		37,195				237	12/25/2048	1FM
46665#-AA-3	JGW IX LLC SERIES 2018-A 4.050% 08/31/36		02/20/2020	Redemption	0.0000			(45,091)	(125,606)		45,091		45,091							08/18/2036	1Z
46665#-AA-3	JGW IX LLC SERIES 2018-A 4.050% 08/31/36		03/15/2020	Redemption	100.0000	226,955	226,955	170,616	(75,948)		56,339		56,339		226,955				1,081	08/18/2036	1Z
46665#-AA-5	JG WENTWORTH XX LLC SR-UNSEC SERIES 2019-C 3.700% 08/09/38		01/23/2020	Tax Free Exchange		81,500,838	81,500,838	81,500,838	81,500,838						81,500,838				16,229	08/09/2038	1Z
46665A-AA-4	JGW IX LLC SERIES 2019-A 4.500% 05/15/34		03/15/2020	Redemption	100.0000	816,097	816,097	816,097	816,097						816,097				(1,132)	05/15/2034	1PL
46665A-AA-4	JGW IX LLC SERIES 2019-A 4.500% 05/15/34		01/01/2020	Redemption	100.0000	269,845	269,845	269,845	269,845						269,845				(2,112)	05/15/2034	1Z
46665A-AB-2	JGW IX LLC SERIES 2019-E 4.500% 09/15/43		02/15/2020	Paydown		140,123	140,123	140,113			9		9		140,123				576	09/15/2043	1Z
46665A-AB-2	JGW IX LLC SERIES 2019-E 4.500% 09/15/43		01/24/2020	Redemption	100.0000	11,426	11,426	11,425			1		1		11,426					09/15/2043	1Z
46975#-AA-8	CTL PT TRUST-VA JACKSONVILLE SR-SEC 3.745% 11/15/33		03/15/2020	Redemption	100.0000	515,860	515,860	531,572	527,585		(11,725)		(11,725)		515,860				3,223	11/15/2032	1
47717#-AA-9	PROJECT FINANCE - POWIER 5.000% 06/30/37		03/31/2020	Redemption	100.0000	1,438,764	1,438,764	1,438,764	1,438,764						1,438,764				17,985	06/30/2037	2PL
478045-AA-5	JOHN SEVIER COMBINED CYCLE GEN SR-SEC 4.626% 01/15/42		01/15/2020	Redemption	100.0000	645,211	645,211	647,525	647,121		(1,910)		(1,910)		645,211				14,924	01/15/2042	1FE
48121#-AD-3	JRD HLDGS-LLC B-SR-UNSEC 4.130% 03/27/24		03/27/2020	Redemption	100.0000	2,145,000	2,145,000	2,145,000	2,145,000						2,145,000				44,294	03/27/2024	2PL
486606-H#-8	KAYNE ANDERSON MLP INV CO CC-SR-UNSEC 3.950% 05/03/22		03/26/2020	Call	106.6307	7,685,094	7,207,207	7,207,207	7,207,207						7,207,207				553,803	05/03/2022	1FE
49239#-AA-6	TRUST KMG I-KERR-MCGEE CORP SR 6.720% 01/30/20		01/30/2020	Redemption	100.0000	1,176,399	1,176,399	1,176,399	1,176,399						1,176,399				39,527	01/30/2020	2
49239#-AB-4	TRUST KMG II-KERR-MCGEE CORP SR 6.720% 01/30/20		01/30/2020	Redemption	100.0000	702,944	702,944	702,944	702,944						702,944				23,619	01/30/2020	2
501044-CH-2	KROGER CO CO GUARNT 6.150% 01/15/20		01/15/2020	Maturity		20,000,000	20,000,000	19,949,800	19,999,779		221		221		20,000,000				615,000	01/15/2020	2FE
501773-AY-1	LBOIT 1998-C1 10 10 CSTR NTL 0.777% 02/18/30		03/01/2020	Paydown															32	02/18/2030	6FE
501797-AL-8	L BRANDS INC CO GUARNT 6.875% 11/01/35		01/29/2020	Redemption	100.0000	20,265,000	21,000,000	21,000,000	21,000,000						21,000,000		(735,000)	(735,000)	360,938	11/01/2035	3FE
50209A-AB-7	LMRK ISSUER CO. 2 LLC SR-UNSEC 4.100% 11/15/47		03/15/2020	Paydown		397,017	397,017	396,871	396,880		137		137		397,017				4,369	11/15/2047	1PL
50209A-AB-7	LMRK ISSUER CO. 2 LLC SR-UNSEC 4.100% 11/15/47		01/15/2020	Paydown		264,677	264,677	264,580	264,586		91		91		264,677				912	11/15/2047	1Z
50543L-AA-0	LAFI 2016-1A A1 SEQ 4.300% 01/15/42		03/15/2020	Paydown		78,125	78,125	76,609	76,931		1,194		1,194		78,125				560	01/15/2042	1FE
513075-BH-3	LAMAR MEDIA CORP CO GUARNT 5.375% 01/15/24		02/20/2020	Call	101.7920	10,179,200	10,000,000	10,000,000	10,000,000						10,000,000				500,207	01/15/2024	3FE
51703#-AA-9	LAREDO TX VA CLINIC PT TRUST-V SR-SEC 3.700% 05/15/33		03/15/2020	Redemption	100.0000	102,759	102,759	102,759	102,759						102,759				634	05/15/2033	1
52108H-N6-7	LBUBS 2004-C6 XCL 10 CSTR NTL 0.031% 08/15/36		03/11/2020	Paydown															1	08/15/2036	6*

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52214@-AA-9	CINCINNATI GROUND LEASE TR CT SR-SEC 4.140% 08/15/52		01/27/2020	Call 100.0000		119,000,000	119,000,000	119,000,000	119,000,000						119,000,000				328,440	08/15/2052	1FE
52314#-AA-6	LEBANON TN STATUTORY TRUST-PFG SR-SEC 5.500% 06/30/25		03/30/2020	Redemption 100.0000		55,456	55,456	55,456	55,456						55,456				509	06/30/2025	2PL
52465#-AD-7	LIMCC-HUNTINGTON SR-SEC 7.240% 12/05/20		03/05/2020	Redemption 100.0000		542,072	542,072	542,072	542,072						542,072				6,554	12/05/2020	1
52465#-AG-0	LIMCC 1998-WALGREEN SR-SEC 6.817% 01/10/21		03/10/2020	Redemption 100.0000		131,394	131,394	130,712	131,323		70		70		131,394				1,496	01/10/2021	2
52465#-AZ-8	LIMCC-FLUOR 2001-SR-SEC 7.560% 06/08/21		03/08/2020	Redemption 100.0000		483,380	483,380	514,402	488,837		(5,457)		(5,457)		483,380				6,147	06/08/2021	2
52465#-BA-2	LEGG MASON MTG CPTL-TYCO 2001-SR-SEC 7.060% 01/10/23		03/10/2020	Redemption 100.0000		299,941	299,941	330,387	307,516		(7,575)		(7,575)		299,941				3,552	01/10/2023	2
52467@-AR-6	LIMCC SER 2002-CTL-19-STATE OF CTL-SR-SEC 7.190% 12/10/26		03/10/2020	Redemption 100.0000		195,536	195,536	195,536	195,536						195,536				2,348	12/10/2026	1
52467@-BA-2	LIMCC LEASEBKD PTC SER 2003-CT SR-SEC 6.400% 01/01/28		03/01/2020	Redemption 100.0000		160,922	160,922	160,922	160,922						160,922				1,720	01/01/2028	2
52467@-BG-9	LIMCC LEASEBKD PTC SER 2003-CT SR-SEC 7.000% 01/15/22		03/15/2020	Redemption 100.0000		197,670	197,670	211,624	198,858		(1,187)		(1,187)		197,670				2,232	01/15/2022	2
52467@-BP-9	LSSC 2002-GE1 A SC CSTR 0.000% 07/26/24		03/01/2020	Paydown		37,194	37,194	37,194	37,194						37,194				396	10/01/2028	2
52518R-BE-5	LIMIT 2007-5 2A3 FLT SNR AS 1.277% 06/25/37		03/01/2020	Paydown		5,615	5,615				5,615		5,615		5,615					07/26/2024	6*
52521R-AS-0	LXS 2005-4 2A4 STEP AS 5.310% 10/25/35		03/25/2020	Paydown		12,677	12,677	2,405	1,558		1,624		1,624		3,182		(1,277)	(1,277)	52	06/25/2037	1FM
525221-CM-7	LXS 2006-8 3A3 STEP AFC AS 5.201% 06/25/36		03/01/2020	Paydown		316,460	316,460	204,710	222,841		93,618		93,618		316,460				3,217	10/25/2035	1FM
52522H-AL-6	LXS 2006-17 WF42 STEP AFC AS 5.790% 11/25/36		03/01/2020	Paydown		379,448	400,472	255,755	286,289		108,221		108,221		394,510		(15,061)	(15,061)	3,026	11/25/2036	1FM
52706@-AA-4	WELLS FARGO BK NW-IAG LAWTON SR-SEC 6.850% 05/15/34		03/15/2020	Redemption 100.0000		28,460	28,460	28,460	28,460						28,460				326	05/15/2034	2
52707#-AA-1	WELLS FARGO NAT BK-WAG CRAMBER SR-SEC 7.050% 05/15/34		03/15/2020	Redemption 100.0000		39,454	39,454	39,454	39,454						39,454				464	05/15/2034	2
53117C-AN-2	LIBERTY PROPERTY LP SR UNSEC 4.125% 06/15/22		03/05/2020	Call 105.0343		26,789,005	25,505,000	25,455,802	25,491,030		954		954		25,491,984		13,016	13,016	1,517,801	06/15/2022	2FE
53117C-AP-7	LIBERTY PROPERTY LP SR UNSEC 3.375% 06/15/23		03/05/2020	Call 105.1515		14,531,942	13,820,000	13,422,301	13,662,616		7,469		7,469		13,670,085		149,915	149,915	815,592	06/15/2023	2FE
53117C-AQ-5	LIBERTY PROPERTY LP SR UNSEC 4.400% 02/15/24		03/05/2020	Call 110.0152		22,003,039	20,000,000	19,939,800	19,972,400		1,067		1,067		19,973,468		26,532	26,532	2,491,928	02/15/2024	1FE
53117C-AR-3	LIBERTY PROPERTY LP SR UNSEC 3.750% 04/01/25		02/19/2020	Call 109.1792		27,294,803	25,000,000	25,484,350	25,311,364		(7,778)		(7,778)		25,303,586		(303,586)	(303,586)	2,654,178	04/01/2025	2FE
53117C-AS-1	LIBERTY PROPERTY LP SR UNSEC 3.250% 10/01/26		01/23/2020	Tax Free Exchange		13,495,637	13,575,000	13,461,242	13,494,473		1,164		1,164		13,495,637				158,092	10/01/2026	2FE
53117C-AT-9	LIBERTY PROPERTY LP SR UNSEC 4.375% 02/01/29		01/23/2020	Tax Free Exchange		11,273,403	11,300,000	11,270,846	11,273,141		262		262		11,273,403				259,547	02/01/2029	2FE
535555-A*-7	LINDSAY CORP SR 3.820% 02/19/30		01/15/2020	SEA PORT GROUP THE LLC		19,851,960	19,000,000	19,000,000	19,000,000						19,000,000		851,960	851,960	364,916	02/19/2030	2
538034-AN-9	LIVE NATION ENTERTAINMEN CO GUARNT 5.625% 03/15/26		03/03/2020	MORGAN STANLEY & CO. INC.		5,118,750	5,000,000	5,000,000	5,000,000						5,000,000		118,750	118,750	132,813	03/15/2026	4FE
542514-FX-7	LBMLT 2004-2 M1 MEZ FLT STEP IRC 1.742% 06/25/34		03/25/2020	Paydown		19,491	19,491	15,569	16,533		2,958		2,958		19,491				73	06/25/2034	1FM
542514-GH-0	LBMLT 2004-3 M1 MEZ FLT STEP IRC 1.802% 07/25/34		03/25/2020	Paydown		47,344	47,344	35,626	39,476		7,868		7,868		47,344				207	07/25/2034	1FM
542514-HJ-1	LBMLT 2004-4 M2 MEZ FLT STEP 1.922% 10/25/34		03/25/2020	Paydown		99,752	99,752	94,529	96,585		3,167		3,167		99,752				404	10/25/2034	1FM
54627R-AC-4	LCDA 2010-ELL A3 SEQ 3.450% 02/01/22		02/01/2020	Paydown		1,498,706	1,498,706	1,535,881	1,505,332		(6,626)		(6,626)		1,498,706				25,853	02/01/2022	1FE
54627R-AD-2	LCDA 2010-ELL A4 SEQ 3.960% 08/01/24		02/01/2020	Paydown		6,522,741	6,522,741	6,499,702	6,514,941		7,800		7,800		6,522,741				129,150	08/01/2024	1FE
54627R-AG-5	LCDA 2010-EGSL A3 SEQ 3.990% 08/01/24		02/01/2020	Paydown		3,836,274	3,836,274	3,818,853	3,829,606		6,668		6,668		3,836,274				76,534	08/01/2024	1FE
54709#-AA-5	LOUISVILLE US ATTORNEYS LEASE SR-SEC 4.970% 12/10/26		03/10/2020	Redemption 100.0000		180,765	180,765	180,767	180,765		(1)		(1)		180,765				1,499	12/10/2026	1

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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	
54868*-AA-6	LOWE'S SALEM 2011 CTL TRUST SR-SEC 4.510%		03/25/2020	Redemption	100.0000																	
	03/25/35						218,867	218,867	218,867						218,867				1,647	03/25/2035	1	
55265K-3V-9	MASTR 2003-12 3A9 Z SEQ SSNR AS 5.250%		12/25/33	Paydown			41,378	41,378	36,096	39,271		2,107	2,107	41,378				363	12/25/2033	1FM		
55265K-6P-9	MASTR 2004-1 5A13 SSNR NAS 5.250% 02/25/34		03/01/2020	Paydown			63,969	63,969	64,189	63,960		9	9	63,969				752	02/25/2034	1FM		
55291K-AC-1	MABS 2006-HMC3 A3 FLT STEP IRC 1.047%		08/25/36	Paydown			19,088	19,088	9,022	8,081		11,007	11,007	19,088				46	08/25/2036	1FM		
55354G-AA-8	MSCI INC CO.GUARNT 5.250% 11/15/24		03/20/2020	Call	102.6250		10,296,366	10,033,000	10,205,334	10,104,171		(5,045)	(5,045)	10,099,126		(66,126)	(66,126)	446,259	11/15/2024	3FE		
5544SR-AD-9	MACH 2004 1A X SC 10 CSTR NTL CDO-C 0.784%		05/28/40	Paydown														145	05/28/2040	6*		
5544SR-AM-5	MACH I SERIES 2019-1 CLASS A 144A 3.474%		10/15/39	Paydown			195,313	195,313	195,307	195,306		7	7	195,313				1,137	10/15/2039	1FE		
55616X-AH-0	MACYS RETAIL HLDGS INC CO.GUARNT 2.875%		02/15/23	BARCLAYS BANK PLC			17,079,367	17,056,000	16,999,580	17,036,835		540	540	17,037,375		41,992	41,992	450,970	02/15/2023	2FE		
55616X-AL-1	MACYS RETAIL HLDGS INC CO.GUARNT 3.625%		06/01/24	MORGAN STANLEY & CO. INC.			25,485,150	25,000,000	24,974,750	24,987,839		275	275	24,988,114		497,036	497,036	172,187	06/01/2024	2FE		
55646@-AA-0	MADERA-H&HS-3 BUILDINGS CTL PT SR-SEC 4.740% 01/15/50		03/15/2020	Redemption	100.0000		80,248	80,248	81,039	80,997		(749)	(749)	80,248				793	01/15/2050	1		
55880#-AA-3	MADRID BIDCO LLC SR-SEC 4.520% 12/31/30		03/31/2020	Redemption	100.0000		2,073,618	2,073,618	2,073,618	2,073,618				2,073,618				22,818	12/31/2030	2PL		
56033A-AA-8	MAIMONIDES MEDICAL CENTE MORTGAGE BACKED 3.300% 03/20/32		03/20/2020	Redemption	100.0000		1,220,000	1,220,000	1,258,991	1,245,848		(25,848)	(25,848)	1,220,000				20,130	03/20/2032	1FE		
56475#-AB-0	GCFP LEASE-BKD PT TRUST-AMCOL SR-SEC 7.003% 12/10/28		03/10/2020	Redemption	100.0000		319,479	319,479	319,479	319,479				319,479				3,736	12/10/2028	1		
576433-D4-5	MARM 2005-7 2A1 CSTR PT SSNR AS 3.679%		09/25/35	Paydown			42,362	42,527	29,091	25,276		17,184	17,184	42,460		(98)	(98)	263	09/25/2035	1FM		
576433-XB-7	MARM 2005-1 4A1 CSTR PT AS 3.503% 02/25/35		03/01/2020	Paydown			433,269	433,269	398,066	400,824		32,445	32,445	433,269				1,640	02/25/2035	1FM		
576433-XE-1	MARM 2005-1 7A1 CSTR PT AS 3.610% 02/25/35		03/01/2020	Paydown			114,766	114,766	109,524	109,654		5,112	5,112	114,766				510	02/25/2035	1FM		
576434-E8-3	MALT 2005-1 6A5 Z AS 5.500% 02/25/35		03/01/2020	Paydown			430,806	430,806	353,318	353,318		77,487	77,487	430,806				3,442	02/25/2035	1FM		
576434-GR-9	MALT 2003-7 B2 SUB CSTR NAS 5.931% 12/25/33		03/01/2020	Paydown			19,684	23,530				19,684	19,684	19,684				258	09/25/2033	1FM		
576434-JM-7	MALT 2005-3 1A1 PT AS 5.500% 04/25/35		01/01/2020	Paydown			42,143	42,143	1,366	1,369		34	34	42,143				677	12/25/2033	1FM		
576434-L9-3	MALT 2005-3 6A3 SEQ AS 5.500% 04/25/35		03/01/2020	Paydown			50,255	50,255	30,836	28,355		21,900	21,900	50,255				286	04/25/2035	1FM		
576434-N4-2	MARM 2006-2 1A1 CSTR PT SSNR AS 4.461%		04/25/36	Paydown			14,306	14,306	6,192	364		13,942	13,942	14,306				109	04/25/2036	1FM		
57643L-CJ-3	MABS 2004-OPT1 M2 MEZ FLT STEP 2.597%		02/25/34	Paydown			19,817	19,817	15,799	17,302		2,515	2,515	19,817				97	02/25/2034	1FM		
57643L-LC-8	MABS 2005-AB1 A4 STEP AS 5.648% 11/25/35		03/01/2020	Paydown			765,672	765,672	704,421	722,373		43,299	43,299	765,672				3,712	11/25/2035	1FM		
57643M-BK-9	MASTR 2004-5 1A3 SEQ SSNR AS 5.500%		03/01/2020	Paydown			270,251	270,251	253,407	254,184		16,067	16,067	270,251				1,799	05/25/2034	1FM		
57643M-CY-8	MASTR 2004-6 2A11 SC Z SSNR AS 5.250%		06/26/34	Paydown			2,843	2,843	2,167	2,570		272	272	2,843				12	06/26/2034	1FM		
57643M-FM-1	MASTR 2004-9 3A5 SC Z SSNR AS 5.250%		07/25/34	Paydown			14,801	14,801	13,007	14,030		771	771	14,801				130	07/25/2034	1FM		
57643M-MH-4	MASTR 2006-1 1A11 SEQ SSNR AS 5.750%		05/25/36	Paydown			170,859	170,865	147,610	148,597		22,267	22,267	170,864			(5)	(5)	2,024	05/25/2036	1FM	
57736*-AK-7	MAUI ELECTRIC CO-LTD B-SR-UNSEC 4.030%		01/01/20	Maturity			7,200,000	7,200,000	7,200,000	7,200,000				7,200,000				145,886	01/01/2020	1		
57878#-AA-3	MAYZURE-LLC SR-UNSEC 5.160% 09/20/26		03/20/2020	Redemption	100.0000		1,848,393	1,848,393	1,848,393	1,848,393				1,848,393				15,881	09/20/2026	2PL		
585525-BM-9	MRFC 1998-2 A11 P2 CPT 6.750% 06/25/28		03/01/2020	Paydown			6	6	6	6		6	6	6				6	06/25/2028	1FM		
58610*-AA-8	MEMPHIS NAMING RIGHTS LLC SR-SEC 6.720%		07/01/23	Redemption	100.0000		1,246,908	1,246,908	1,246,908	1,246,908				1,246,908				41,896	07/01/2023	2PL		

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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
.59010R-AA-2	MRLN 2016-1 A STEP SEQ 4.500% 12/15/32		03/15/2020	Paydown		647,341	647,341	622,451	626,716		20,625		20,625		647,341				3,514	12/15/2032	1FE
.59020U-L3-7	MLCC 2005-3 1A CSTR FLT 4.356% 11/25/35		03/25/2020	Paydown		276,115	276,115	261,711	259,423		16,692		16,692		276,115				1,811	11/25/2035	1FM
.59020U-LK-9	MLCC 2005-1 2A1 CSTR 3.551% 04/25/35		03/01/2020	Paydown		13,302	13,302	12,853	12,890		411		411		13,302				100	04/25/2035	1FM
.59333F-AA-8	MIAMI DEA LEASE BKD TRUST-GSA SR-SEC 4.500% 08/15/31		03/15/2020	Redemption 100.0000		408,298	408,298	408,298	408,298						408,298				3,066	08/15/2031	1.....
.59541@-AA-8	MID-KANSAS ELECTRIC CO-LLC A-SR-SEC 3.930% 12/31/42		01/04/2020	Redemption 100.0000		(54)	(54)	(54)	(54)						(54)					12/30/2042	2.....
.59828*-AA-4	MIDWEST CAN CO LLC 10.5% CASH 1% PIK 11.500% 10/08/24		03/10/2020	Redemption 100.0000		24,422,485	24,422,485	24,422,485	24,360,231						24,422,485				545,955	10/08/2024	5.....
.59835@-AA-3	MIDWEST ENERGY-INC. SR-SEC 4.140% 07/20/43		01/20/2020	Redemption 100.0000		151,330	151,330	151,330	151,330						151,330				1,568	07/20/2043	1.....
.60221*-AA-5	MILWAUKEE FBI LEASE-BKD PT TRU SR-UNSEC 3.500% 04/15/36		03/15/2020	Redemption 100.0000		371,320	371,320	371,320	371,320						371,320				2,153	04/15/2036	1.....
.60856B-AA-2	MOLEX ELECTRONICS TECH SR UNSEC 2.878% 04/15/20		03/15/2020	Call 100.0000 Redemption 100.0000		9,950,000	9,950,000	9,950,000	9,950,000						9,950,000				119,317	04/15/2020	2FE
.61171#-AA-9	MONSANTO LEASE-BKD PT TR 4.609% 10/15/38		03/15/2020	Redemption 100.0000		534,562	534,562	534,562	534,562						534,562				4,112	10/15/2038	2.....
.61421#-AA-7	MONTGOMERY VA LEASE-BKD PT TR- SR 3.905% 06/15/35		03/15/2020	Redemption 100.0000		129,134	129,134	129,134	129,134						129,134				840	06/15/2035	1.....
.61744C-DH-6	MSAC 2004-HE3 M1 MEZ FLT STEP 1.802% 03/25/34		03/25/2020	Paydown		141,604	141,604	134,170	136,633		4,971		4,971		141,604				625	03/25/2034	1FM
.61744C-FB-7	MSAC 2004-HE6 M1 MEZ FLT STEP 1.772% 08/25/34		01/23/2020	MORGAN STANLEY & CO. INC.		4,943,558	4,948,197	3,619,915	4,447,715		8,257		8,257		4,455,972		487,586	487,586		08/25/2034	1FM
.61744C-FB-7	MSAC 2004-HE6 M1 MEZ FLT STEP 1.772% 08/25/34		01/27/2020	Paydown		55,420	55,420	40,543	49,815		5,605		5,605		55,420				11,640	08/25/2034	1FM
.61744W-AA-0	.MS MTGE CAP 97-P .MS MTGE CAP 97-P 7.823% 04/25/27		02/01/2020	Paydown		317	317	317	317		317		317		317				(1)	04/25/2027	6*
.617453-AW-5	MSC 2006-1Q11 B SUB CSTR 6.056% 10/15/42		03/01/2020	Paydown		325,554	325,554	327,441	324,771		783		783		325,554				3,390	10/15/2042	1FM
.61745M-2L-6	MSC 2005-1Q9 D SUB 5.000% 07/15/56		03/01/2020	Paydown		2,140,014	2,140,014	2,103,446	2,103,446		36,568		36,568		2,140,014				126,599	07/15/2056	3FM
.61745M-2M-4	MSC 2005-1Q9 E SUB AFC 5.110% 07/15/56		03/01/2020	Paydown		2,344,515	2,074,272	402,793	402,793		1,889,244		1,889,244		2,292,038		52,477	52,477	26,499	07/15/2056	1FM
.61745M-5Q-2	MSC 2005-1T9 E SUB CSTR 5.703% 06/12/47		03/01/2020	Paydown		6,581,371	6,581,371	6,343,673	6,562,976		18,395		18,395		6,581,371				90,167	06/12/2047	1FM
.61746R-DX-6	MSAC 2003-NC10 M1 MEZ FLT STEP IRC 1.967% 10/25/33		03/25/2020	Paydown		130,700	130,700	122,531	125,603		5,097		5,097		130,700				665	10/25/2033	1FM
.61746W-HJ-2	MSDWC 2001-TOP3 X1 IO CSTR NTL 0.062% 07/15/33		03/01/2020	Paydown															7	07/15/2033	6FE
.61748H-DH-0	MSM 2004-4 1A15 SEQ SSNR AS 5.500% 08/25/34		03/01/2020	Paydown		618,822	618,822	607,914	608,434		10,388		10,388		618,822				5,847	08/25/2034	1FM
.61748H-FD-8	MSM 2004-10AR 2A1 CSTR PT AS 3.834% 11/25/34		03/01/2020	Paydown		130,270	130,270	129,833	129,838		432		432		130,270				1,002	11/25/2034	1FM
.61748H-FV-8	MSM 2004-9 3A1 SSNR NAS 5.500% 11/25/34		03/01/2020	Paydown		310,341	310,341	308,643	308,695		1,646		1,646		310,341				2,476	11/25/2034	1FM
.61748H-GA-3	MSM 2004-9 3A6 SEQ SSNR AS 5.500% 11/25/34		03/01/2020	Paydown		768,131	768,131	747,728	758,210		9,921		9,921		768,131				6,127	11/25/2034	1FM
.61749E-AE-7	MSM 2006-12XS A4 STEP AFC AS 6.012% 10/25/36		03/01/2020	Paydown		194,443	194,443	87,194	88,714		105,728		105,728		194,443				696	10/25/2036	1FM
.61749W-AH-0	MSM 2006-11 1A2 AFC SEQ AS 6.354% 08/25/36		03/01/2020	Paydown		31,332	31,332	11,985	10,285		21,047		21,047		31,332				82	08/25/2036	1FM
.61749W-AJ-6	MSM 2006-11 1A3 STEP AFC SEQ AS 6.424% 08/25/36		03/01/2020	Paydown		21,903	21,903	8,258	7,084		14,818		14,818		21,903				57	08/25/2036	1FM
.61750Y-AF-6	MSM 2006-15XS A4B STEP AFC AS 6.120% 11/25/36		03/01/2020	Paydown		190,522	190,522	83,880	74,214		116,308		116,308		190,522				1,769	11/25/2036	1FM
.61752J-AF-7	MSM 2007-1XS 2A4A STEP AFC AS 6.084% 09/25/46		03/01/2020	Paydown		185,847	185,847	78,326	65,419		120,428		120,428		185,847				573	09/25/2046	1FM
.61753N-AC-4	MSAC 2007-NC2 A2A FLT STEP IRC 1.057% 02/25/37		03/25/2020	Paydown		2,306	2,306	1,028	915		1,391		1,391		2,306				6	02/25/2037	1FM
.61872#-AA-1	MORRISTOWN TN STATUTORY TRUST- SR-SEC 5.500% 06/30/25		03/30/2020	Redemption 100.0000		52,790	52,790	52,790	52,790						52,790				485	06/30/2025	2PL
.61913P-AZ-5	MHL 2005-4 A1 FLT STEP AFC 1.227% 10/25/35		03/25/2020	Paydown		827,904	827,904	787,898	796,607		31,297		31,297		827,904				2,539	10/25/2035	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
61915R-AL-0	MHL 2005-3 A2 FLT STEP AFC IRC SSU 1.647% 08/25/35		03/25/2020	Paydown		131,019	131,019	120,537	122,799		8,220		8,220		131,019				.603	08/25/2035	1FM
61915R-AM-8	MHL 2005-3 M1 MEZ FLT STEP AFC IRC 1.652% 08/25/35		03/25/2020	Paydown		83,021	83,021	73,162	75,208		7,813		7,813		83,021				.383	08/25/2035	1FM
61915R-AW-6	MHL 2005-5 M1 MEZ FLT STEP AFC IRC 1.622% 12/25/35		03/25/2020	Paydown		154,372	154,372	132,971	136,991		17,381		17,381		154,372				.493	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		03/20/2020	Paydown	100.0000	398,660	398,660	398,608	398,611		.48		.48		398,660				2,547	06/22/2043	1FE
62715*-AA-4	5.610% 10/15/31 THE NBCU-MIAMI-FL CTL PT TRUST SR-SEC		03/15/2020	Redemption	100.0005	554,769	554,769	554,769	554,769						554,769				5,195	10/15/2031	1
62879*-AA-6	4.238% 01/31/38 NBCU-MIAMI FL CTL PT TR-NBCU A 3.821%		03/28/2020	Redemption	100.0000	469,748	469,746	469,746	469,746		.2		.2		469,748				2,261	01/28/2038	1
62879*-AB-4	01/31/38 NCT-LOUISVILLE-KY GROUND LEASE SR-SEC		03/31/2020	Redemption	100.0000	102,084	102,084	102,084	102,084						102,084				.656	01/31/2038	1
62897*-AA-4	3.770% 03/10/45 NARA LEASE-BKD TRUST-GSA NARA SR-SEC 5.110%		03/10/2020	Redemption	100.0000	237,717	237,717	237,717	237,717						237,717				1,509	03/10/2045	1PL
63080*-AA-9	06/01/31 NAT OILWELL VARCO LEASED PT TR SR-SEC		03/10/2020	Redemption	100.0000	797,345	797,345	797,345	797,345						797,345				6,800	05/10/2031	1
63707*-AA-8	4.510% 08/15/38 NATIONAL OILWELL VARCO I SR UNSEC 2.600%		03/15/2020	Redemption	100.0000	154,980	154,980	154,980	154,980						154,980				1,166	08/15/2038	2
637071-AJ-0	12/01/22 NATIONAL RETAIL PROP INC SR UNSEC 3.800%		01/10/2020	BARCLAYS BANK PLC		7,353,635	7,284,000	7,203,633	7,257,151		315		315		7,257,466		96,169	96,169	22,621	12/01/2022	2FE
637417-AE-6	10/15/22 NATIONS BK TR CO NA-POTOMAC SR-SEC 8.880%		03/20/2020	Call	105.1321	11,774,795	11,200,000	11,044,600	11,151,353		3,571		3,571		11,154,924		45,076	45,076	758,039	10/15/2022	2FE
63860*-AA-1	12/21/19 NAVAJO TRANSITIONAL ENERGY NAVAJO		01/08/2020	Redemption	0.0000	(41)					(41)		(41)		(41)					12/21/2019	2
63918T-AA-3	TRANSITIONAL ENERGY 9.000% 10/24/24 NEPTUNE REGIONAL TRANSMISSION SR 6.210%		01/01/2020	Paydown	100.0000	111,313	111,313	47,460	49,129		62,184		62,184		111,313				1,864	10/24/2024	5G1
64079*-AB-8	06/30/27 NES ANTARES HOLDCO-LLC 4.430% 09/30/41		03/30/2020	Redemption	100.0000	400,883	400,883	400,883	400,883						400,883				6,224	06/30/2027	1PL
64082*-AA-1	NEW CARROLLTON COMMERCIAL I-LL 3.750% 02/05/34		03/30/2020	Redemption	100.0000	864,365	864,365	864,365	864,365						864,365				19,146	09/30/2041	2PL
64325*-AA-2	NCAMT 2006-ALT2 AF4 STEP AFC AS 5.051% 10/25/36		03/05/2020	Paydown		41,267	41,267	41,267	41,010						41,267				.340	02/05/2034	1
643529-AD-2	NCHEM 2003-5 A16A STEP AFC SEQ AS 5.053% 11/25/33		03/01/2020	Paydown		128,523	128,523	40,260	35,689		92,834		92,834		128,523				454	10/25/2036	1FM
64352V-EE-7	NCHEM 2005-A A4 STEP AFC AS 4.673% 08/25/35		03/01/2020	Paydown		591,683	591,683	578,874	580,489		11,194		11,194		591,683				5,040	11/25/2033	1FM
64352V-LY-5	NORZT 2016-2A B1 SUB AFC 4.500% 11/26/35		03/01/2020	Paydown		991,958	991,958	885,663	924,482		67,476		67,476		991,958				7,047	08/25/2035	1FM
64829G-AJ-8	NEWIMONT GOLDCORP CORP CO GUARNT 3.500% 03/15/22		03/01/2020	Paydown		37,756	37,756	39,506	38,934		(1,179)		(1,179)		37,756				284	11/26/2035	1FE
651639-AN-6	NEWTOWN CREDIT LEASE TRUST 200 SR-SEC 6.082% 05/15/23		03/17/2020	TENDER SALE	100.0000	63,895,033	62,350,000	62,254,785	62,370,375		(3,373)		(3,373)		62,367,002		1,528,031	1,528,031	1,115,372	03/15/2022	2FE
653240-AA-9	939 ROUTE 1 EDISON LLC-WAL-MAR SR-SEC 5.760% 06/28/30		03/15/2020	Redemption	100.0000	1,404,434	1,404,434	1,436,053	1,410,271		(5,838)		(5,838)		1,404,434				19,261	05/15/2023	1
65442*-AA-7	NASC 1994-3 A6 PZ W CPT AS 1.463% 07/25/24		03/28/2020	Paydown		180,487	180,487	180,487	180,487						180,487				1,735	06/28/2030	1
655356-DF-7	NORDIC HELIUM FDG-LLC A-SR-UNSEC 4.459% 02/03/32		03/01/2020	Paydown	100.0000	9,813	9,813	9,469	9,719		95		95		9,813				159	07/25/2024	1FM
65563*-AA-6	EVERSOURCE ENERGY SR UNSEC 3.150% 01/15/25		03/03/2020	Redemption	100.0000	453,812	453,812	453,812	453,812						453,812				1,967	02/03/2032	1Z
664397-AM-8	NORTHWEST NATURAL GAS CO 1ST MORTG 5.370% 02/01/20		01/10/2020	KEYBANC CAPITAL MARKETS		10,267,611	9,925,000	9,914,877	9,919,504		35		35		9,919,539		348,072	348,072	155,450	01/15/2025	2FE
66765R-BX-3	NORVIN PASADENA LP-ST. LUKES-P SR-SEC 4.930% 10/15/30		02/01/2020	Maturity	100.0000	20,000,000	20,000,000	20,000,000	20,000,000						20,000,000				537,000	02/01/2020	1FE
668810-AA-1	NORVIN PASADENA LP-ST. LUKES-A SR-SEC 4.690% 10/15/30		03/15/2020	Redemption	100.0000	472,460	472,460	472,460	472,460						472,460				3,887	10/15/2030	2
668810-AB-9			03/15/2020	Redemption	100.0000	55,642	55,642	55,642	55,642						55,642				436	10/15/2030	2

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										11	12	13	14	15							
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67084*-AA-6	OBK AURORA-LLC-WALGREEN SR-SEC 6.450%		02/15/28	Redemption	100.0000																
67087M-AA-4	OBP 2010-OBP A SEQ 4.646% 07/15/45		01/01/2020	Paydown		42,034	42,034	42,034	42,034						42,034				453	02/15/2028	2
67090U-AB-9	THOR 2018 A SEQ 4.160% 02/09/30		03/09/2020	Paydown		43,000,000	43,000,000	42,999,742	42,932,297		67,703		67,703		43,000,000				166,489	02/15/2045	1FM
67090U-AD-5	THOR 2018 C SUB 4.250% 02/09/30		03/09/2020	Paydown		1,060,201	1,060,201	1,059,952	1,059,996		205		205		1,060,201				7,071	02/09/2030	1PL
674599-BY-0	OCcidental PETROLEUM COR SR UNSEC 4.100%		02/01/21	Redemption	100.0000	605,834	605,834	584,417	587,181		18,653		18,653		605,834				4,128	02/09/2030	3PL
67624@-AA-1	OFFICE PARK GROUND LEASE TRUST 2013-SR-SEC		03/10/2020	Redemption	100.0000	8,000,000	8,000,000	7,998,160	7,999,830		30		30		7,999,860		140	140	201,356	02/01/2021	2FE
680665-AJ-5	OLIN CORP SR UNSEC 5.125% 09/15/27		02/21/2020	Redemption	100.0000	62,741	62,741	62,741	62,741						62,741				427	02/15/2041	1PL
680665-AK-2	OLIN CORP SR UNSEC 5.000% 02/01/30		03/05/2020	Various	100.0000	5,243,750	5,000,000	5,000,000	5,000,000						5,000,000		243,750	243,750	113,889	09/15/2027	3FE
68255@-AA-5	1998 BAMA GAS-AL GAS SR-SEC 6.950% 01/10/24		03/10/2020	Redemption	100.0000	254,261	254,261	254,261	254,261						254,261				2,951	01/10/2024	1
68279@-AB-5	120 LONG RIDGE LLC-GEN RE A-2-SR-SEC 4.700%		04/15/30	Redemption	100.0000	1,121,355	1,121,355	1,121,355	1,121,355						1,121,355				8,795	04/15/2030	1
68282#-AA-0	1223 16TH STREET PT TRUST-UCLA SR-SEC		03/15/42	Redemption	100.0000	109,691	109,691	111,634	111,239		(1,547)		(1,547)		109,691				888	03/15/2042	1
68504W-AA-5	ONGLT 2018-A A SEQ 3.100% 11/08/30		03/08/2020	Paydown	100.0000	405,254	405,254	405,206	405,214		40		40		405,254				2,067	11/08/2030	1FE
68622#-AA-9	ORGILL INC SR SEC NOTE 3.800% 10/31/39		03/31/2020	Paydown	100.0000	313,090	313,090	313,090	313,090						313,090				1,985	10/31/2039	2Z
69121P-DE-0	OWINT 2006-2 A2B STEP 5.633% 01/25/37		03/01/2020	Paydown	100.0000	176,990	176,990	176,990	176,990						176,990				1,302	01/25/2037	1FM
69336Q-AF-9	PHHMC 2007-4 A6 CSTR AD AS 5.895% 07/18/37		03/01/2020	Paydown	100.0000	21,475	21,475	20,663	21,337		138		138		21,475				213	07/18/2037	1FM
69336Q-AG-7	PHHMC 2007-4 A7 CSTR Z NAS 5.895% 07/18/37		03/01/2020	Paydown	100.0000	88,657	88,657	85,929	88,268		389		389		88,657				884	07/18/2037	1FM
69337N-AC-2	PHHMC 2007-3 A3 CSTR SUP AD AS 4.833%		06/18/37	Paydown	100.0000	60,669	60,669	54,858	55,723		4,945		4,945		60,669				319	06/18/2037	1FM
6934K#-AA-6	PNC CTL PT TRUST-WAG OAKLAND SR-SEC 6.870%		12/18/34	Redemption	100.0000	72,481	72,481	72,482	72,481						72,481				832	12/18/2034	2
69379@-AA-4	PT-EDISON DC-LLC-PEPOD SR-SEC 6.731%		12/15/28	Redemption	100.0000	412,958	412,958	412,958	412,958						412,958				4,641	12/15/2028	2
70069F-AE-7	PPSI 2004-WOW1 M3 MEZ FLT STEP 2.834%		09/25/34	Paydown	100.0000	487,991	487,991	465,038	464,666		23,325		23,325		487,991				2,922	09/25/2034	1FM
70259#-AB-3	PASHA HAWAII SHIPPING CO LLC SR-SEC 7.250%		12/30/24	Redemption	100.0000	299,993	299,993	299,993	299,993						299,993				3,625	12/01/2024	4
70337U-10-0	PATRLN 5.775 05/23/20 5.775% 02/23/21		01/31/2020	Redemption	100.0000	(2,065,964)	(2,065,964)	(1,969,458)	(2,065,964)						(2,065,964)					01/23/2021	3FE
70337Y-10-2	PATRLN 5.8594 01/10/20 5.859% 07/10/58		01/01/2020	Redemption	100.0000	15,140,550	15,140,550	15,238,709	15,140,254		296		296		15,140,550					07/10/2058	1FE
70556#-AA-5	PEF ST. PETERSBURG FL-LLC-PROG SR-SEC 5.270% 08/15/27		03/15/2020	Redemption	100.0000	269,095	269,095	269,095	269,095						269,095				2,367	04/15/2027	1
71904#-AA-2	PHOENIX GARAGE PT TRUST-PHOENI SR-SEC 4.670% 08/15/40		03/15/2020	Redemption	100.0000	95,429	95,429	95,429	95,429						95,429				744	08/15/2040	1
72352@-AA-9	P10 PICO HOLDCO ISSUER-LLC 4.920% 08/31/41		02/28/2020	Redemption	100.0000	484,147	484,147	484,147	484,147						484,147				11,910	08/31/2041	2PL
72353P-AA-4	PION 2019-1 A SEQ 3.967% 06/15/44		03/15/2020	Paydown	100.0000	147,321	147,321	147,320	147,320		1		1		147,321				958	06/15/2044	1FE
723787-AJ-6	PIONEER NATURAL RESOURCE SR UNSEC 7.500%		01/15/20	Maturity	100.0000	13,500,000	13,500,000	14,932,500	13,507,843		(7,843)		(7,843)		13,500,000				506,250	01/15/2020	2FE
72703P-AB-9	PLNT 2018-1A A211 SEQ 4.666% 09/05/48		03/05/2020	Paydown	100.0000	62,500	62,500	62,500	62,500						62,500				729	09/05/2048	2FE
72703P-AC-7	PLANET FITNESS MASTER ISSUER SERIES 2019-1A CLASS A2 144A 3.858% 12/05/49		03/05/2020	Paydown	100.0000	112,500	112,500	112,500	112,500						112,500				1,109	12/05/2049	2FE
73316P-GH-7	POPLR 2005-5 AF4 STEP AFC AS 3.863%		11/25/35	Paydown	100.0000	554,682	554,682	552,430	554,126		556		556		554,682				3,641	11/25/2035	1FM
73557*-AB-0	PORT WASHINGTON GENERATING STA A-SR-SEC 6.000% 06/15/33		03/15/2020	Redemption	100.0000	173,175	173,175	173,175	173,175						173,175				1,735	06/15/2033	1
737446-AL-8	POST HOLDINGS INC CO.GUARNT 5.500% 03/01/25		03/02/2020	Call	104.1250	2,603,125	2,500,000	2,500,000	2,500,000						2,500,000				172,257	03/01/2025	4FE

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										11	12	13	14	15							
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73943#-AD-5	PRAIRIE BREEZE CLASS B HLDGS L SR-UNSEC 3.550% 05/01/39		01/31/2020	Redemption	0.0000														.44	05/01/2039	2FE
73943#-AD-5	PRAIRIE BREEZE CLASS B HLDGS L SR-UNSEC 3.550% 05/01/39		03/31/2020	Redemption	100.0000														.816	05/01/2039	2PL
74160M-KV-3	PRIME 2005-4 2A10 SSNR NAS 5.500% 10/25/35		03/01/2020	Paydown		.57,888	57,888	57,246	57,363		526		526		57,888				.550	10/25/2035	2FM
74338*-AA-6	PROJECT AXIS-GARNER-NC-SENIOR SR-SEC 4.034% 11/15/39		03/25/2020	Redemption	100.0182		379,316	379,247	379,247		.69		.69		379,316				2,552	11/15/2039	1
747262-AK-9	QVC INC SR SEC 4.375% 03/15/23		01/17/2020	MORGAN STANLEY & CO. INC.		3,029,336	2,925,000	2,924,198	2,924,718		.4		.4		2,924,722		104,614	104,614	44,233	03/15/2023	2FE
74728*-AA-4	QFI LITTLE ROCK AP-LLC SR-SEC 5.655% 04/10/26		03/10/2020	Redemption	100.0000		109,258	109,258	109,258						109,258				1,031	04/10/2026	2PL
74834L-AP-5	QUEST DIAGNOSTICS INC CO.GUARNT 4.750% 01/30/20		01/15/2020	Call	100.1245		11,264,005	11,250,000	11,080,238		11,248,373		785		11,249,159		.841	.841	258,927	01/30/2020	2FE
74919P-AD-1	RAAC 2006-SP2 M1 MEZ FLT STEP AFC I 1.287% 02/25/36		03/25/2020	Paydown		228,485	228,485	201,496	221,371		7,114		7,114		228,485				.868	02/25/2036	1FM
74924P-AE-2	RASC 2004-KS1 A15 STEP AFC AS 5.247% 02/25/34		02/01/2020	Paydown		2,487,420	2,487,420	2,487,349	2,482,891		4,529		4,529		2,487,420				21,547	02/25/2034	1FM
74924P-AJ-1	RASC 2004-KS1 M13 MEZ AFC NAS 5.247% 02/25/34		02/01/2020	Paydown		283,769	283,769				283,769		283,769		283,769				2,484	02/25/2034	1FM
74924P-AM-4	RASC 2004-KS1 M111 MEZ FLT STEP IRC 1.772% 02/25/34		02/25/2020	Paydown		2,666,463	2,666,463	2,475,120	2,545,653		120,810		120,810		2,666,463				11,470	02/25/2034	1FM
74924P-AP-7	RASC 2004-KS1 M113 MEZ FLT STEP IRC 3.572% 02/25/34		02/25/2020	Paydown		83,856	83,856				83,856		83,856		83,856				14,048	02/25/2034	1FM
74928X-CN-9	RBSSP 2009-6 12A1 SC PT 5.500% 05/26/35		03/01/2020	Paydown		277,844	277,844	233,389	273,556		4,288		4,288		277,844				2,577	05/26/2035	1FM
74955E-AB-5	RGS 18M FUNDING CORP SECURED 9.820% 06/07/22		01/11/2020	Redemption	100.0000														.6	06/07/2022	2FE
74957E-AL-6	RFMSI 2006-S9 A11 RTL AS 6.250% 09/25/36		03/01/2020	Paydown		14,056	40,614	26,071	26,140		5,005		5,005		31,145		(17,089)	(17,089)	358	09/25/2036	1FM
74957E-AE-7	RFMSI 2006-S5 A5 SEQ SSNR AS 6.000% 06/25/36		03/01/2020	Paydown		144,363	175,809	123,449	127,425		39,710		39,710		167,135		(22,772)	(22,772)	1,756	06/25/2036	1FM
74957E-AF-4	RFMSI 2006-S5 A6 SSNR NAS 6.000% 06/25/36		03/01/2020	Paydown		289,831	352,964	258,402	266,132		71,263		71,263		337,395		(47,564)	(47,564)	3,525	06/25/2036	1FM
74957E-AG-2	RFMSI 2006-S6 A15 SSNR NAS 6.000% 07/25/36		03/01/2020	Paydown		178,455	195,362	139,311	145,826		45,257		45,257		191,083		(12,628)	(12,628)	1,994	07/25/2036	1FM
74957X-AF-2	RFMSI 2006-S8 A6 SSNR NAS 6.000% 09/25/36		03/01/2020	Paydown		1,012	47,270	34,634	36,394		249		249		36,643		(35,631)	(35,631)	483	09/25/2036	1FM
749583-AH-3	RFMSI 2007-S2 A8 SEQ AS 6.000% 02/25/37		03/01/2020	Paydown		102,956	113,858	65,628	69,588		40,045		40,045		109,633		(6,638)	(6,638)	741	02/25/2037	1FM
74958A-AD-6	RFMSI 2006-S7 A4 SSNR NAS 6.250% 08/25/36		03/01/2020	Paydown		368,543	404,512	254,954	248,586		142,052		142,052		390,638		(22,095)	(22,095)	5,130	08/25/2036	1FM
74958A-AH-7	RFMSI 2006-S7 A8 SSNR AS 6.000% 08/25/36		03/01/2020	Paydown		335,041	367,740	230,810	239,009		117,277		117,277		356,286		(21,245)	(21,245)	4,477	08/25/2036	1FM
74958B-AH-5	RFMSI 2007-S3 1A2 SEQ AS 6.000% 03/25/37		03/01/2020	Paydown		182,424	196,547	109,391	109,299		80,971		80,971		190,270		(7,846)	(7,846)	1,796	03/25/2037	1FM
749838-AA-2	RS COGEN LLC B-SR-SEC 8.730% 10/15/22		03/31/2020	Redemption	100.0000		4,500,000	4,500,000	4,500,000						4,500,000				99,303	09/30/2022	6
75101#-AA-4	RAISA FDG-LLC SR-UNSEC 4.459% 08/15/34		01/01/2020	Paydown		2,287,600	2,287,600	2,287,600	2,287,600						2,287,600				8,784	02/15/2029	1Z
75101#-AA-4	RAISA FDG-LLC SR-UNSEC 4.459% 08/15/34		03/15/2020	Redemption	100.0000		3,930,500	3,930,500	3,930,500						3,930,500				51,899	02/15/2029	1PL
75101#-AA-4	RAISA FDG-LLC SR-UNSEC 4.459% 08/15/34		01/15/2020	Redemption	100.0000		2,172,800	2,172,800	2,172,800						2,172,800				16,148	02/15/2029	1Z
75101#-AB-2	RAISA FDG-LLC SR-UNSEC 9.318% 08/15/34		01/01/2020	Paydown		586,537	586,537	586,537	586,537						586,537				4,706	02/15/2023	3Z
75101#-AB-2	RAISA FDG-LLC SR-UNSEC 9.318% 08/15/34		03/15/2020	Redemption	100.0000		1,225,672	1,225,672	1,225,672						1,225,672				34,817	02/15/2023	3PL
75101#-AB-2	RAISA FDG-LLC SR-UNSEC 9.318% 08/15/34		01/15/2020	Redemption	100.0000		784,298	784,298	784,298						784,298				12,180	02/15/2023	3Z
75216#-AA-6	RANCO-RIC-LLC-PERFORMANCE FOOD SR-SEC 7.600% 10/01/24		03/01/2020	Redemption	100.0000		140,689	140,689	140,689						140,689				1,786	10/01/2024	2PL
75409#-AA-3	RATHDRUM POWER-LLC C-SR-SEC 8.560% 09/12/26		03/12/2020	Redemption	100.0000		1,225,000	1,225,000	1,225,000						1,225,000				26,506	09/12/2026	2
755111-BR-1	RAYTHEON COMPANY SR UNSEC 4.400% 02/15/20		02/15/2020	Maturity		23,500,000	23,500,000	23,462,830	23,499,512		488		488		23,500,000				517,000	02/15/2020	1FE
758202-AK-1	RELY CAPITAL INC CO.GUARNT 3.125% 10/15/22		01/30/2020	Call	103.8580		54,006,160	52,000,000	51,707,187		51,900,490		2,629		51,903,119		96,881	96,881	2,480,118	10/15/2022	2FE

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STATEMENT AS OF MARCH 31, 2020 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
75886A-AK-4	ENRGY TRANS PT/REG FIN CO.GUARNT 5.750% 09/01/20		02/14/2020	Call 101.0800		15,364,154	15,200,000	15,200,000	15,200,000						15,200,000				559,882	09/01/2020	2FE
75971E-AF-3	RAMC 2006-3 AF3 STEP IRC AS 5.586% 11/25/36		03/01/2020	Paydown		1,949	1,949	907	907		1,042		1,042		1,949				16	11/25/2036	1FM
759950-CA-4	RAMC 2004-1 AV1 FLT STEP IRC 1.707% 05/25/34		03/25/2020	Paydown		56,699	56,699	45,395	48,023		8,676		8,676		56,699				210	05/25/2034	1FM
759950-CU-0	RAMC 2004-2 AF5 STEP AFC AS 6.058% 07/25/34		03/01/2020	Paydown		463,331	463,331	463,331	463,331						463,331				3,442	07/25/2034	1FM
759950-GW-2	RAMC 2006-1 AF4 STEP AFC AS 1.907% 05/25/36		03/01/2020	Paydown		72,885	72,885	45,803	43,555		29,330		29,330		72,885				759	05/25/2036	1FM
760759-AH-3	REPUBLIC SERVICES INC SR UNSEC 5.000% 03/01/20		03/01/2020	Maturity		25,000,000	25,000,000	25,028,557	25,000,628		(628)		(628)		25,000,000				625,000	03/01/2020	2FE
760985-6L-0	RAMP 2004-SL2 M1 MEZ CSTR NAS 6.871% 10/25/31		03/01/2020	Paydown		43,035	67,102	14,899	13,843		34,223		34,223		48,065		(5,031)	(5,031)	651	10/25/2031	1FM
760985-Q3-8	RAMP 2004-RS2 A14 STEP AFC AS 5.630% 02/25/34		03/01/2020	Paydown		360,097	360,097	360,097	360,097						360,097				4,202	02/25/2034	1FM
76110H-ZZ-1	RALI 2005-QS5 A3 SEQ AS 5.700% 04/25/35		03/01/2020	Paydown		59,248	59,248	15,770	15,770		43,477		43,477		59,248				446	04/25/2035	1FM
76110H-TG-4	RALI 2004-QS6 A1 SEQ AS 5.000% 05/25/20		03/01/2020	Paydown		14	14	13	14						14		(14)	(14)		05/25/2020	2FM
76110W-FW-1	RASC 1999-RS1 A13 AFC SEQ 6.846% 10/25/29		03/01/2020	Paydown		32,119	32,119	31,969	31,972		147		147		32,119				364	10/25/2029	1FM
76110W-PP-3	RASC 2003-KS4 A15 STEP AFC AS 5.170% 06/25/33		03/01/2020	Paydown		264,502	264,502	264,384	263,938		563		563		264,502				2,170	06/25/2033	1FM
76110W-RX-6	RASC 2003-KS4 M13 MEZ STEP AFC NAS 6.530% 06/25/33		01/01/2020	Paydown		1	39,435	24	184		1		1		185		(184)	(184)	174	06/25/2033	1FM
76110W-SZ-0	RASC 2003-KS7 A15 STEP AFC AS 5.750% 09/25/33		03/01/2020	Paydown		494,548	494,548	491,518	492,148		2,400		2,400		494,548				3,064	09/25/2033	1FM
76110W-VV-5	RASC 2003-KS11 M111 MEZ FLT STEP IR 1.832% 01/25/34		03/25/2020	Paydown		113,188	113,188	99,754	105,083		8,105		8,105		113,188				568	01/25/2034	1FM
76110W-YD-2	RASC 2004-KS5 A15 STEP AFC AS 4.712% 06/25/34		03/01/2020	Paydown		192,272	192,272	190,341	190,661		1,611		1,611		192,272				1,382	06/25/2034	1FM
76110W-ZN-9	RASC 2004-KS6 A15 CSTR STEP AFC AS 5.024% 07/25/34		03/01/2020	Paydown		177,100	177,100	175,473	176,280		820		820		177,100				1,313	07/25/2034	1FM
761118-AE-8	RALI 2005-QS7 A5 SSNR NAS 5.500% 06/25/35		03/01/2020	Paydown		228,440	250,299	141,380	139,674		100,960		100,960		240,634		(12,194)	(12,194)	1,887	06/25/2035	1FM
761118-DN-5	RALI 2005-QS12 A1 FLT IRC AD SSNR A 1.447% 08/25/35		03/25/2020	Paydown		62,156	71,306	40,821	40,028		27,306		27,306		67,333		(5,177)	(5,177)	308	08/25/2035	1FM
761118-DR-6	RALI 2005-QS12 A4 SSNR NAS 5.500% 08/25/35		03/01/2020	Paydown		75,136	96,196	48,564	42,912		37,736		37,736		80,648		(5,513)	(5,513)	928	08/25/2035	1FM
761118-PQ-5	RALI 2005-QS17 A1 SSNR NAS 6.000% 12/25/35		03/01/2020	Paydown		123,508	157,573	99,247	104,220		41,822		41,822		146,041		(22,534)	(22,534)	1,781	12/25/2035	1FM
76111X-N9-0	RFMSI 2006-S3 A3 Z SSNR AS 5.500% 03/25/36		03/01/2020	Paydown		73,281	80,777	44,766	46,777		30,836		30,836		77,613		(4,331)	(4,331)	779	03/25/2036	1FM
76111X-PD-7	RFMSI 2004-S9 1A25 SSNR NAS 5.500% 12/25/34		03/01/2020	Paydown		24,191	24,191	24,328	24,254		(62)		(62)		24,191				217	12/25/2034	1FM
76111X-YH-0	RFMSI 2005-SA4 2A1 CSTR AS 4.416% 09/25/35		03/01/2020	Paydown		20,357	20,357	15,289	12,907		7,450		7,450		20,357				195	09/25/2035	1FM
76112B-HX-1	RAMP 2005-RS1 A15 CSTR STEP AFC AS 5.912% 01/25/35		03/01/2020	Paydown		465,069	465,069	465,069	465,069						465,069				3,556	01/25/2035	1FM
76112B-QL-7	RAAC 2005-SP1 3A1 SSNR NAS 6.000% 09/25/34		03/01/2020	Paydown		617,940	617,940	620,257	618,172		(232)		(232)		617,940				6,138	09/25/2034	1FM
76112B-YD-6	GMACM 2005-AR5 4A1 CSTR SSNR AS 3.932% 09/19/35		03/01/2020	Paydown		17,668	17,668	10,457	10,457		7,211		7,211		17,668				117	09/19/2035	1FM
76201*-AA-5	RFC LEASE TRUST SER 2009-1-HP SR-SEC 6.305% 11/15/24		03/15/2020	Redemption 100.0000		479,321	479,321	484,114	481,305		(1,984)		(1,984)		479,321				5,046	11/15/2024	2
762010-AE-6	RFMSI 2006-S4 A5 PAC-11 AS 6.000% 04/25/36		03/01/2020	Paydown		122,626	130,320	85,524	85,524		42,152		42,152		127,675		(5,050)	(5,050)	1,534	04/25/2036	1FM
76541*-AA-0	RICHMOND VA STATUTORY TRUST-PF SR-SEC 5.500% 06/30/25		03/30/2020	Redemption 100.0000		82,578	82,578	82,578	82,578						82,578				758	06/30/2025	2PL
76716X-AA-0	RIO OIL FINANCE TRUST SR SEC 9.250% 07/06/24		01/06/2020	Redemption 100.0000		320,333	320,333	322,506	321,272		(939)		(939)		320,333				7,408	07/06/2024	3FE

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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
78396Y-AA-1	SESAC 2019-1 A2 SEQ 5.216% 07/25/49		01/25/2020	Paydown		46,250	46,250	46,250	46,250						46,250				603	07/25/2049	2FE
78404B-AA-4	SCP 2001PE LLC-PERKINELMER INC SR-SEC 8.060% 11/30/22		03/30/2020	Redemption	100.0000	252,634	252,634	252,634	252,634						252,634				3,401	11/30/2022	2
78409B-AA-9	SDALLAS TX REALTY LLC-ALLSTATE SR-SEC 7.030% 01/01/25		03/10/2020	Redemption	100.0000	32,336	32,336	32,337	32,336						32,336				380	12/10/2024	1
78417#-AA-7	SFORT WORTH TX REALTY LLC-ALLS SR-SEC 7.030% 01/01/25		03/10/2020	Redemption	100.0000	28,160	28,160	28,160	28,160						28,160				332	12/10/2024	1
78445G-AD-5	SLMA 2008-8 A4 FLT 3.294% 04/25/23		01/27/2020	Paydown		192,061	192,061	192,061	192,061						192,061				1,725	04/25/2023	4FE
78473W-AF-0	STARM 2007-4 3A1 CSTR SSNR AS 4.176% 10/25/37		03/01/2020	Paydown		361,127	361,069	332,184	331,744		29,329		29,329		361,073		54	54	2,446	10/25/2037	1FM
78475#-AA-6	SPS AMARILLO TX LANDLORD LLC-X SR-SEC 3.583% 03/31/37		03/31/2020	Redemption	100.0000	257,966	257,966	257,966	257,966						257,966				1,546	03/31/2037	1
78480*-AA-3	SSMC II BORROWER LLC-GSA NOAA 4.020% 01/05/29		03/05/2020	Redemption	100.0000	514,593	514,593	514,593	514,593						514,593				3,452	01/05/2029	1PL
78482B-AA-9	SINUJ-MANCHESTER NH CTL PT TR-S SR-SEC 5.411% 12/15/39		03/15/2020	Redemption	100.0000	100,143	100,143	100,644	100,600		(457)		(457)		100,143				1,186	12/15/2039	1PL
78616B-AA-8	SACRAMENTO FBI LEASE-BKD PT TR 4.370% 09/15/36		03/15/2020	Redemption	100.0000	252,037	252,037	252,037	252,037						252,037				1,840	09/15/2036	1
78825#-AA-3	ST CLAIR R/E-WALMART SR-SEC 7.660% 04/10/21		03/10/2020	Redemption	100.0000	211,325	211,325	211,325	211,325						211,325				2,704	04/10/2021	2
79548K-XX-1	SBM7 1997-LB6 A5 SEQ AS 7.240% 12/25/27		03/01/2020	Paydown		2,272	2,272	2,142	2,261		11		11		2,272				27	12/25/2027	1FM
79548K-YA-0	SBM7 1997-LB6 B1 SUB NAS 7.000% 12/25/27		03/01/2020	Paydown		25,369	25,369	24,829	24,908		461		461		25,369				296	12/25/2027	1FM
79548K-ZH-4	SBM7 1998-AQ1 A5 SEQ AS 7.150% 06/25/28		03/01/2020	Paydown		35,994	35,994	35,989	35,941		53		53		35,994				342	06/25/2028	4FM
79550D-AD-1	SBM7 2001-1 MF1 MEZ STEP 5.671% 08/25/31		03/15/2020	Paydown		29,398	29,398	28,084	28,084		1,313		1,313		29,398				199	08/25/2031	1FM
80483N-AA-5	SAVANNAH ECONOMIC DEV. AUTH-GU SR-SEC 3.780% 08/15/35		03/15/2020	Redemption	100.0000	326,839	326,839	326,839	326,839						326,839				2,061	08/15/2035	1
805564-PA-3	SAST 2003-3 AF5 STEP AFC AS 4.598% 12/25/33		03/01/2020	Paydown		174,764	174,764	174,764	174,764						174,764				1,365	12/25/2033	1FM
80585#-AA-9	SBLUE ISLAND IL REALTY LLC-ALL SR-SEC 7.170% 04/01/25		03/10/2020	Redemption	100.0000	26,898	26,898	26,898	26,898						26,898				322	04/10/2023	1
81309B-AA-8	SECAUCUS COMM MTG P-T TRUST C1 SR-SEC 5.843% 07/10/29		03/10/2020	Redemption	100.0000	184,288	184,288	190,840	187,074		(2,786)		(2,786)		184,288				1,797	07/10/2029	2
81375W-BN-5	SABR 2004-OP2 M1 MEZ FLT STEP IRC 1.922% 08/25/34		03/25/2020	Paydown		87,561	87,561	75,613	78,897		8,663		8,663		87,561				393	08/25/2034	1FM
81375W-EF-9	SABR 2005-FR2 M2 MEZ FLT STEP 1.922% 03/25/35		03/25/2020	Paydown		251,644	251,644	196,439	245,717		5,927		5,927		251,644				1,107	03/25/2035	1FM
81375W-HJ-8	CBASS 2006-CB1 AF3 STEP AFC AS 3.295% 01/25/36		03/01/2020	Paydown		148,046	148,046	109,272	115,483		32,563		32,563		148,046				610	01/25/2036	1FM
81375W-HK-5	CBASS 2006-CB1 AF4 STEP AFC NAS 3.295% 01/25/36		03/01/2020	Paydown		39,450	39,450	30,395	31,965		7,484		7,484		39,450				163	01/25/2036	1FM
81519*-AA-2	SED-GRAY-LLC-WALGREEN SR-SEC 6.450% 06/15/28		03/15/2020	Redemption	100.0000	50,812	50,812	50,812	50,812						50,812				547	06/15/2028	2
81744F-DB-0	SEMT 2004-7 B1 SUB FLT STEP AFC NAS 1.598% 08/20/34		03/20/2020	Paydown		240,470	240,470	228,747	229,236		11,233		11,233		240,470				669	08/20/2034	1FM
81744N-AA-8	SEMT 2012-6 A1 CSTR AFC 2.500% 12/25/42		03/01/2020	Paydown		4,016	4,016	4,103	4,094		(78)		(78)		4,016				16	12/25/2042	1FM
817743-AA-5	SERVPRO MASTER ISSUER LLC SERIES 2019-1A CALSS A2 144A 3.882% 10/25/49		01/25/2020	Paydown		17,500	17,500	17,500	17,500						17,500				215	10/25/2049	2FE
81783R-AA-1	SFFIN 2013-1A A SEQ 3.980% 01/25/44		01/25/2020	Paydown		423,184	423,184	423,184	423,184						423,184				4,211	01/25/2044	1FE
82652K-AB-0	SRFC 2017-1A B SUB 3.200% 03/20/34		03/20/2020	Paydown		451,091	451,091	450,977	451,031		60		60		451,091				2,216	03/20/2034	2FE
82652X-AB-2	SRFC 2016-1A B SUB 3.670% 03/21/33		03/20/2020	Paydown		160,955	160,955	160,918	160,936		19		19		160,955				977	03/21/2033	2FE
82653G-AD-4	SRFC 2018-3A D SUB 5.200% 09/20/35		03/20/2020	Paydown		391,556	391,556	391,552	391,551		5		5		391,556				3,308	09/20/2035	3FE
82817*-AA-9	SILVER SPRING METRO CENTER III A1-SR-SEC 3.810% 12/05/28		03/05/2020	Redemption	100.0000	449,271	449,271	449,271	449,271						449,271				2,856	12/05/2028	1
82817B-AA-7	SILVER SPRING METRO CENTER IV A1-SR-SEC 3.890% 12/05/28		03/05/2020	Redemption	100.0000	199,331	199,331	199,331	199,331						199,331				1,294	12/05/2028	1
82922T-AA-7	SINAI HEALTH SYSTEM SECURED 3.034% 01/20/36		01/20/2020	Call	100.0000	885,000	885,000	878,625	880,006		12		12		880,018		4,982	4,982	13,425	01/20/2036	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
830010-AA-1	65 GREEN MOUNTAIN ROAD REALTY SR-SEC 4.310% 12/31/36		03/10/2020	Redemption 100.0000		173,558	173,558	173,558	173,558						173,558				1,248	12/31/2036	1
83001A-AB-8	SIX FLAGS ENTERTAINMENT CO.GUARNT 4.875% 07/31/24		02/20/2020	BARCLAYS BANK PLC		5,125,000	5,000,000	5,000,000	5,000,000						5,000,000		125,000	125,000	138,125	07/31/2024	3FE
83001A-AC-6	SIX FLAGS ENTERTAINMENT CO.GUARNT 5.500% 04/15/27		02/20/2020	JP MORGAN SECURITIES		3,135,000	3,000,000	3,000,000	3,000,000						3,000,000		135,000	135,000	59,125	04/15/2027	3FE
83133#-AA-0	SLEWISVILLE TX REALTY LP-ALLST SR-SEC 7.220% 04/01/25		03/10/2020	Redemption 100.0000		32,018	32,018	32,018	32,018						32,018				386	03/10/2025	1
83416#-AA-1	SOCTY 2016-A A SEQ 4.800% 09/20/48		03/20/2020	Paydown		209,199	209,199	199,191	199,229		9,971		9,971		209,199				5,021	09/20/2048	2FE
83417B-AA-6	SOCTY 2013-1 A SEQ 4.800% 11/20/38		03/20/2020	Paydown		315,170	315,170	327,135	324,832		(9,662)		(9,662)		315,170				2,603	11/20/2038	2FE
83417E-AA-0	SOCTY 2014-1 A SEQ 4.590% 04/20/44		03/20/2020	Paydown		818,292	818,292	840,551	829,205		(10,914)		(10,914)		818,292				6,123	04/20/2044	2FE
83417F-AA-7	SOCTY 2014-2 A SEQ 4.020% 07/20/44		01/20/2020	Paydown		931,277	931,277	930,909	928,823		2,454		2,454		931,277				18,719	07/20/2044	2FE
83546D-AD-0	SONIC 2016-1A A2 SEQ 4.472% 05/20/46		01/22/2020	Call 100.0000		14,828,796	14,828,796	14,828,796	14,828,796						14,828,796				176,885	05/20/2046	2FE
83546D-AD-0	SONIC 2016-1A A2 SEQ 4.472% 05/20/46		01/20/2020	Paydown		13,333	13,333	13,333	13,333										50	05/20/2046	2FE
83546D-AF-5	SONIC 2018-1A A2 SEQ 4.026% 02/20/48		03/20/2020	Paydown		33,750	33,750	33,628	33,647		103		103		33,750				227	02/20/2048	2FE
83546D-AG-3	SONIC CAPITAL LLC SERIES 2020-1A CLASS A21 144A 3.845% 01/20/50		03/20/2020	Paydown		3,229	3,229	3,229	3,229						3,229				20	01/20/2050	2FE
83546D-AJ-7	SONIC CAPITAL LLC SERIES 2020-1A CLASS A21 144A 4.336% 01/20/50		03/22/2020	Paydown		9,167	9,167	9,167	9,167						9,167				64	01/20/2050	2FE
84055*-AA-6	SOUTH TEXAS ELECTRIC COOP-INC. B-SR-SEC 5.410% 01/01/28		01/01/2020	Redemption 100.0000		2,941,174	2,941,174	2,941,174	2,941,174						2,941,174				79,559	01/01/2028	1
84055*-AE-8	SOUTH TEXAS ELECTRIC COOP-INC. 2018A-SR-SEC 4.160% 08/15/48		02/15/2020	Redemption 100.0000		250,000	250,000	250,000	250,000						250,000				5,200	08/15/2048	1
841215-AA-4	SOUTHAVEN COMBINED CYCLE GENER A-SR-SEC 3.846% 08/15/33		02/15/2020	Redemption 100.0000		887,990	887,990	887,990	887,990						887,990				17,076	08/15/2033	1FE
843590-BL-3	SPSAC 1997-2 A4 SEQ AS 7.450% 05/25/27		03/01/2020	Paydown		9,429	9,429	9,429	9,429						9,429				93	05/25/2027	1FM
84474Y-AA-4	SW AIRLINES 07-1 TRUST PT CERTS 6.150% 08/01/22		02/01/2020	Paydown		297,937	297,937	297,937	297,937						297,937				9,162	08/01/2022	1FE
84604C-AE-7	SBHEL 2000-1 A5 SEQ AS 7.710% 12/25/30		01/01/2020	Paydown		667	667	352	377		290		290		667				4	12/25/2030	5FM
84763#-AA-7	SPECTRUM HEALTH SYS AND SPECTR SR-UNSEC 3.500% 01/15/30		01/15/2020	Redemption 100.0000		3,005,000	3,005,000	3,005,000	3,005,000						3,005,000				52,588	01/15/2030	1
84860*-AB-9	SPIRITS NEWCO LLC A-SR-SEC 3.850% 03/31/33		03/31/2020	Redemption 100.0000		125,870	125,870	125,870	125,870						125,870				1,212	03/31/2033	2PL
848609-AA-1	SPIRITS OF ST LOUIS BASKETBALL SR 5.300% 03/29/33		03/30/2020	Redemption 100.0000		79,121	79,121	79,240	79,206		(85)		(85)		79,121				1,048	03/29/2033	2PL
84862#-AA-5	SPLANO TX REALTY LTD PTNSP-ALL SR-SEC 7.130% 03/01/25		03/10/2020	Redemption 100.0000		33,856	33,856	33,856	33,856						33,856				403	02/10/2025	1
85136#-AA-2	SPRINGFIELD SSA LEASE-BKD PT T SR-SEC 4.000% 06/15/22		03/15/2020	Redemption 100.0000		59,899	59,899	59,899	59,899						59,899				400	06/15/2022	1
85234#-AA-5	ST. CHARLES HEALTH SYS-INC. SR-SEC 4.420% 01/01/38		01/01/2020	Redemption 100.0000		1,995,217	1,995,217	1,995,217	1,995,217						1,995,217				44,094	01/01/2038	1
85236#-AA-1	SUNNOVA ISSUER-LLC SR-UNSEC 4.950% 04/30/31		01/30/2020	Redemption 100.0000		271,876	271,876	271,876	271,876						271,876				3,364	04/30/2031	1PL
853496-AB-3	STANDARD INDUSTRIES INC SR UNSEC 5.500% 02/15/23		02/16/2020	Call 101.3750		8,209,348	8,098,000	8,124,284	8,104,527		(702)		(702)		8,103,825		(5,825)	(5,825)	334,043	02/15/2023	3FE
855541-AD-0	STARM 2007-S1 4A1 CSTR SSNR AS 4.315% 01/25/37		03/01/2020	Paydown		158,297	158,297	142,556	146,206		12,091		12,091		158,297				1,187	01/25/2037	1FM
85572R-AA-7	STARR 2018-1 A SEQ 4.089% 05/15/43		03/15/2020	Paydown		150,444	150,444	149,054	149,199		1,245		1,245		150,444				1,025	05/15/2043	1FE
858119-BC-3	STEEL DYNAMICS INC CO.GUARNT 5.125% 10/01/21		01/10/2020	Call 100.0000		5,000,000	5,000,000	5,000,000	5,000,000						5,000,000				70,469	10/01/2021	2FE
858271-A*-0	STEELRIVER TRANSMISSION CO LLC 3.820% 06/30/47		03/30/2020	Redemption 100.0000		286,450	286,450	286,450	286,450						286,450				2,736	06/30/2047	2PL
85939#-AA-1	STERLING-MADISON HEIGHTS MI-LL SR-SEC 5.660% 09/30/25		03/15/2020	Redemption 100.0000		32,879	32,879	32,879	32,879						32,879				311	09/15/2025	1
85951#-AA-6	STERLING-SARASOTA FL-LLC-ALLST SR-SEC 7.220% 07/10/25		03/10/2020	Redemption 100.0000		34,138	34,138	34,138	34,138						34,138				412	07/10/2025	1
86212X-AA-8	STORE MASTER FUNDING LLC SERIES 2019-1 CLASS A1 144A 2.820% 11/20/49		03/20/2020	Paydown		36,020	36,020	36,008	36,009		11		11		36,020				169	11/20/2049	1FE

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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
..863579-DQ-8	SARM 2004-17 A1 CSTR AS 2.548% 11/25/34		03/01/2020	Paydown		45,449	45,449	40,506	40,845		4,603		4,603		45,449				248	11/25/2034	1FM
..863579-Q4-3	SARM 2006-1 6A1 CSTR PT SSNR AS 3.761%		03/01/2020	Paydown		161,075	161,281	80,501	57,895		103,254		103,254		161,149		(74)	(74)	666	02/25/2036	1FM
..86358E-GW-0	SAIL 2004-2 A4 FLT STEP 1.652% 03/25/34		03/25/2020	Paydown		590,837	590,837	541,374	559,568		31,268		31,268		590,837				2,720	03/25/2034	1FM
..86358E-JF-4	SAIL 2004-5 M2 MEZ FLT STEP 1.772% 05/25/34		03/25/2020	Paydown		64,532	64,532	54,530	64,532						64,532				355	05/25/2034	1FM
..86358E-PQ-3	SAIL 2004-11 M1 MEZ FLT STEP IRC 1.877%		03/25/2020	Paydown		301,350	301,350	260,150	282,563		18,787		18,787		301,350				1,273	01/25/2035	1FM
..86358H-NF-2	SAMI 2002-3 CC OPT 9.211% 07/28/28		03/01/2020	Paydown		29	29				29		29		29					07/28/2028	1FM
..86358R-YZ-5	SASC 2002-AL1 A3 AS CPT SEQ 3.450% 02/25/32		03/01/2020	Paydown		10,831	10,831	10,128	10,216		615		615		10,831				59	02/25/2032	5FE
..86359B-2E-0	SASC 2005-2XS 1A4 STEP AFC AS 5.860%		03/01/2020	Paydown		541,886	541,886	541,632	541,886						541,886				5,365	02/25/2035	1FM
..86359B-2H-3	SASC 2005-2XS 2A1 XRESET FTV FLT DL 2.081%		03/01/2020	Paydown		36,766	36,766	36,766	36,766						36,766				101	02/25/2035	1FM
..86359B-4V-0	SASC 2005-4XS 1A4B STEP AFC AS 5.750%		03/25/35	Paydown		750,399	750,399	678,547	703,202		47,197		47,197		750,399				6,875	03/25/2035	1FM
..86359B-5H-0	SASC 2005-4XS 3A5 STEP AFC AS 5.340%		03/25/35	Paydown		255,298	255,298	255,138	254,795		503		503		255,298				1,967	03/25/2035	1FM
..86359B-7H-8	SASC 2005-7XS 1A3 STEP AFC AS 5.540%		04/25/35	Paydown		853,005	853,005	852,872	851,128		1,878		1,878		853,005				7,326	04/25/2035	1FM
..86359D-EM-5	SASC 2005-9XS 1A3A STEP AFC AS 5.750%		03/01/2020	Paydown		738,634	738,634	738,404	736,800		1,834		1,834		738,634				4,866	06/25/2035	1FM
..86359D-MX-2	LXS 2005-2 2A3A STEP AFC AS 4.741% 08/25/35		03/01/2020	Paydown		1,145,504	1,145,504	996,562	1,083,173		62,331		62,331		1,145,504				7,848	08/25/2035	1FM
..86359L-GN-3	SAMI 2004-AR8 M MEZ FLT STEP AFC 1.425%		05/19/35	Paydown		102,507	102,507	89,950	91,177		11,330		11,330		102,507				436	05/19/2035	1FM
..86364M-AD-2	SAMI 2007-AR4 A4A FLT STEP SSNR AS 1.127%		09/25/47	Paydown		138,217	138,217	110,919	113,624		24,593		24,593		138,217				470	09/25/2047	1FM
..86657#-AA-9	SUMTER ELECTRIC COOP-INC. SR-UNSEC 3.450%		03/20/39	Redemption	100.0000			72,179	72,179				72,179		72,179				629	03/20/2039	1Z
..86657#-AB-7	SUMTER ELECTRIC COOP-INC. SR-UNSEC 3.400%		09/20/36	Redemption	100.0000			98,997	98,997				98,997		98,997				841	09/20/2036	1Z
..86772F-AA-9	SUNRUN CALLISTO ISSUER LLC SERIES 2019-2 CLASS A 144A 3.610% 01/30/55		01/30/2020	Paydown		46,323	46,323	46,301	46,301		22		22		46,323				427	01/30/2055	1FE
..87222P-AE-3	TBW 2006-6 A4 STEP AFC IRC AS 5.920%		01/25/37	Paydown		317,573	317,573	90,405	78,761		238,811		238,811		317,573				2,501	01/25/2037	1FM
..87320*-AA-8	TWAIN FDG I LLC A-1-SR-UNSEC 4.521%		07/15/44	Call	100.0000		2,358,173	2,358,173	2,358,173						2,358,173				167,027	02/10/2037	1PL
..87320*-AB-6	TWAIN FDG I LLC A-2-SR-UNSEC 4.571%		07/15/44	Call	100.0000		3,537,260	3,519,133	3,520,980		391		391		3,521,370		15,889	15,889	175,839	07/15/2044	1PL
..87320*-AD-2	TWAIN FDG I LLC A-4-SR-UNSEC 4.595%		07/15/44	Call	100.0000		7,467,548	7,467,548	7,467,548						7,467,548					07/15/2044	1PL
..87342R-AB-0	BELL 2016-1A A211 SEQ 4.377% 05/25/46		02/25/2020	Paydown		91,250	91,250	91,250	91,250						91,250				999	05/25/2046	2FE
..87342R-AD-6	BELL 2018-1A A211 SEQ 4.318% 11/25/48		02/25/2020	Paydown		72,750	72,750	72,750	72,750						72,750				785	11/25/2048	2FE
..87342R-AE-4	BELL 2018-1A A211 SEQ 4.940% 11/25/48		02/25/2020	Paydown		122,500	122,500	122,500	122,500						122,500				1,513	11/25/2048	2FE
..875127-BB-7	TAMPA ELECTRIC CO SR UNSEC 2.600% 09/15/22		01/22/2020			15,115,454	14,900,000	14,881,822	14,894,571		122		122		14,894,694		220,760	220,760	138,818	09/15/2022	1FE
..87612E-AV-8	TARGET CORP SR UNSEC 3.875% 07/15/20		01/28/2020	Call	101.0015		30,300,444	29,913,900	29,994,471		752		752		29,995,222		4,778	4,778	923,674	07/15/2020	1FE
..87677Q-AA-9	TXEZ 2016-1A A SEQ 3.131% 06/15/28		03/15/2020	Paydown		520,815	520,815	520,810	520,811		4		4		520,815				2,892	06/15/2028	1FE
..87677Q-AB-7	TXEZ 2016-1A B SUB 4.575% 06/15/28		03/15/2020	Paydown		191,621	191,621	191,031	191,244		376		376		191,621				1,653	06/15/2028	1FE
..878091-AN-7	TIAA 2001-C1A X 10 CSTR NTL 7.418% 06/17/33		03/01/2020	Paydown				15,901	3,517		(14)		(14)		3,503		(3,503)	(3,503)	5,039	06/17/2033	6*
..88017#-AA-0	TEMPLE TX STATUTORY TRUST-PFG SR-SEC 5.500%		06/30/25	Redemption	100.0000			77,404	77,404				77,404		77,404				711	06/30/2025	2PL
..88104#-AA-4	TERRAFORM UTILITY SOLAR XIX HL SR-UNSEC 4.590% 08/31/40		03/30/2020	Redemption	100.0000			36,743	36,743				36,743		36,743				422	08/31/2040	2PL

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										11	12	13	14	15							
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..88104@-AA-6	TERRAFORM FALCON 1-LLC 4.640% 12/31/32		03/31/2020	Redemption	100.0000	627,763	627,763	627,763	627,763						627,763				7,282	12/31/2032	3PL
..88105*-AA-7	TERRAFORM OSPREY I-LLC SR-UNSEC 3.190%		09/30/32	Redemption	100.0000	537,558	537,558	537,558	537,558						537,558					09/30/2032	2FE
..88105*-AA-7	TERRAFORM OSPREY I-LLC SR-UNSEC 3.190%		09/30/32	Redemption	100.0000	1,225,759	1,225,759	1,225,759	1,225,759						1,225,759				9,775	09/30/2032	2PL
..881561-2F-0	TITS 2006-5 1A2B FLT STEP IRC 1.157%		07/25/37	Paydown		260,218	260,218	226,002	243,239		16,979		16,979		260,218				1,018	07/25/2037	1FIM
..88159T-AA-8	TES 2017-2A A SEQ 4.120% 02/20/48		02/20/2020	Paydown		166,440	166,440	166,429	166,415		25		25		166,440				3,429	02/20/2048	1FE
..885220-EE-9	TMST 2003-5 4A CSTR PT AS 3.915% 10/25/43		03/01/2020	Paydown		359,272	359,272	356,873	356,915		2,357		2,357		359,272				3,428	10/25/2043	1FIM
..88522E-AC-7	TMST 2007-1 A2B MR FLT CMLX AFC IR 2.237%		03/25/37	Paydown		731,944	1,049,730	813,879	754,140		205,902		205,902		960,041		(228,097)	(228,097)	5,055	03/25/2037	1FIM
..88576V-AA-8	HENDR 2008-3A A1 SEQ 8.000% 06/15/45		03/15/2020	Paydown		12,940	12,940	16,967	16,398		(3,458)		(3,458)		12,940				171	06/15/2045	1FE
..88576X-AA-4	HENDR 2010-1A A SEQ 5.560% 07/15/59		03/15/2020	Paydown		58,248	58,248	67,474	66,709		(8,461)		(8,461)		58,248				529	07/15/2059	1FE
..89054X-AB-1	TOPAZ SOLAR FARMIS LLC SR SEC 4.875%		09/30/39	Redemption	100.0000	120,560	120,560	120,560	120,560						120,560				2,939	09/30/2039	5FE
..89655#-AA-5	TRINITY PT 1 LTD-WALMART SR-SEC 7.010%		03/15/20	Redemption	100.0000	347,282	347,282	347,282	347,282						347,282				4,065	03/15/2020	2
..89655#-AA-5	TRINITY PT 2 LTD-WALMART SR-SEC 7.090%		03/15/20	Redemption	100.0000	206,107	206,107	206,107	206,107						206,107				2,440	07/15/2020	2
..89655#-AA-7	TRL 2019-1A A SEQ 3.820% 04/17/49		03/17/2020	Paydown		126,990	126,990	126,926	126,931		59		59		126,990				803	04/17/2049	1FE
..89679H-AA-3	TCF 2017-1A A SEQ 3.520% 06/20/42		03/20/2020	Paydown		250,855	250,855	250,810	250,815		40		40		250,855				1,472	06/20/2042	1FE
..89679H-AE-5	TCF 2017-2A A SEQ 3.620% 08/20/42		03/20/2020	Paydown		358,499	358,499	358,457	358,461		38		38		358,499				2,132	08/20/2042	1FE
..89679H-AJ-4	TCF 2018-1A A SEQ 3.950% 03/20/43		03/20/2020	Paydown		375,000	375,000	374,929	374,933		67		67		375,000				2,469	03/20/2043	1FE
..90184*-AA-7	209-215 DRYDEN CTL PASS THRU T 3.900%		07/15/47	Redemption	100.0000	216,162	216,162	216,162	216,162						216,162				1,407	07/15/2047	1
..901857-AB-8	2 BROADWAY LLC-MTA-NYCTA-TBTA MBIA-SEC 8.310% 09/15/29		03/15/2020	Redemption	100.0000	885,393	885,393	885,393	885,393						885,393				37,744	09/15/2029	1
..90226#-AA-3	2014 REPLACEMENT POWER STATUTO A-SR-SEC 3.850% 05/31/29		03/28/2020	Redemption	100.0000	714,608	714,608	714,608	714,608						714,608				3,073	05/28/2029	1PL
..90362*-AA-1	UCONN LEASED BACK TRUST-UCONN SR-SEC 4.809%		03/15/40	Redemption	100.0000	1,326,850	1,326,850	1,326,850	1,326,850						1,326,850				10,649	03/15/2040	1
..910047-AH-2	UNITED AIRLINES HOLDINGS CO.GUARNT 5.000%		02/01/24	JP MORGAN SECURITIES		2,518,750	2,500,000	2,556,250	2,538,165		(1,471)		(1,471)		2,536,694		(17,944)	(17,944)	73,958	02/01/2024	3FE
..910047-AJ-8	UNITED AIRLINES HOLDINGS CO.GUARNT 4.250%		10/01/22	JP MORGAN SECURITIES		10,850,000	10,850,000	10,850,000	10,850,000						10,850,000				197,259	10/01/2022	3FE
..914906-AR-3	UNIVISION COMMUNICATIONS SR SEC 5.125%		05/15/23	DEUTSCHE BANK SECURITIES		30,736,531	30,775,000	30,257,750	30,558,714		6,448		6,448		30,565,161		171,370	171,370	376,780	05/15/2023	4FE
..91741*-AV-5	PHH MTGE SERVICES CORP PHH 1988-3 9.338%		05/15/34	Paydown		30,490	30,490	30,490	30,490		30,490		30,490		30,490				304	05/15/2034	6*
..91826#-AA-5	VA TAL CTL TR SER A-1-VA TALLA 3.500%		07/15/36	Redemption	100.0000	518,852	518,852	518,852	518,852						518,852				2,986	07/15/2036	1
..91845#-AA-2	VZ-SENIOR NOTE CTL PT TRUST SR SECURED 3.810% 05/15/35		03/15/2020	Redemption	100.0000	729,377	729,377	729,018	729,034		343		343		729,377				4,639	05/15/2035	2
..91851@-AA-5	VA-MONTEREY-CA CTL PT TRUST-VA A1-SR-SEC 4.270% 02/15/37		03/15/2020	Redemption	100.0000	283,546	283,546	283,546	283,546						283,546				2,020	02/15/2037	1
..91853*-AA-5	VA BIRMINGHAM LEASE FINANCE TR 4.740%		10/15/35	Redemption	100.0000	115,477	115,477	115,477	115,477						115,477				913	10/15/2035	1
..91853@-AB-1	VA EUGENE LEASE FINANCE TRUST- 4.490%		12/15/35	Redemption	100.0000	189,666	189,666	189,666	189,666						189,666				1,421	12/15/2035	1
..91854*-AA-4	VZ-IRVING-TX-SENIOR NOTE CTL 3.620%		08/15/36	Redemption	100.0000	246,949	246,949	246,949	246,949						246,949				1,491	08/15/2036	2
..91912@-AA-2	PERENNIAL FEE INVESTORS-L.L.C. SR-SEC 4.535% 04/15/46		03/15/2020	Redemption	100.0000	37,572	37,572	37,572	37,572						37,572				284	04/15/2046	1PL
..91927#-AA-3	VALLEY 2016 LEASE TRUST-VALLEY 4.030%		03/03/43	Redemption	100.0000	43,005	43,005	43,005	43,005						43,005				288	03/03/2043	1
..92203#-AP-3	THE VANGUARD GROUP-INC. B-SR 5.260%		02/22/20	Maturity		40,000,000	40,000,000	40,000,000	40,000,000						40,000,000					02/22/2020	1

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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	
925508-AA-7	RONKONOMA REALTY VENTURE I-LL SR-SEC			Redemption	100.0000																	
92903P-AC-3	6.450% 08/31/23 VNO 2010-VNO A2FX SEQ 4.004% 09/13/28		03/15/2020			397,103	397,103	397,103	397,103						397,103				4,276	08/15/2023	1	
92922F-3J-5	WAMU 2005-AR12 1A4 CSTR SSNR AS 3.863%		03/10/2020	Paydown		38,000,000	38,000,000	38,534,311	38,028,174		(28,174)		(28,174)		38,000,000				380,333	09/13/2028	1FM	
92922F-5U-8	10/25/35 WAMU 2005-AR15 A1A2 FLT STEP AFC IR 1.227%		03/01/2020	Paydown		62,892	62,892	30,566	14,489		48,404		48,404		62,892				320	10/25/2035	1FM	
92922F-5W-4	11/25/45 WAMU 2005-AR15 A1B2 FLT STEP AFC IR 1.357%		03/25/2020	Paydown		467,789	467,789	437,839	438,454		29,335		29,335		467,789				1,822	11/25/2045	1FM	
92922F-5X-2	11/25/45 WAMU 2005-AR15 A1B3 FLT STEP AFC IR 1.287%		03/25/2020	Paydown		728,615	728,615	662,493	671,465		57,151		57,151		728,615				3,160	11/25/2045	1FM	
92922F-6Z-6	11/25/45 WAMU 2005-AR16 1A4A CSTR SSNR AS 3.752%		03/25/2020	Paydown		409,794	409,794	370,307	375,078		34,715		34,715		409,794				1,680	11/25/2045	1FM	
92922F-6Z-6	12/25/35 WAMU 2005-AR4 A5 CSTR AS 3.950% 04/25/35		03/01/2020	Paydown		487,683	487,683	444,632	430,222		57,462		57,462		487,683				2,849	12/25/2035	1FM	
92922F-6Z-7	03/01/2020 WAMU 2005-AR4 A5 CSTR AS 3.950% 04/25/35		03/01/2020	Paydown		350,333	350,333	261,167	218,283		132,050		132,050		350,333				2,264	04/25/2035	1FM	
92922F-GN-2	WAMU 2003-S11 1A SEQ AS 5.000% 11/25/33		03/01/2020	Paydown		41,534	41,534	38,458	38,704		2,830		2,830		41,534				347	11/25/2033	1FM	
92922F-J4-1	04/25/45 WAMU 2005-AR6 2AB2 FLT STEP AFC SSU 1.687%		03/25/2020	Paydown		561,561	561,561	525,073	555,604		5,957		5,957		561,561				2,007	04/25/2045	1FM	
92922F-JV-1	WAMU 2003-S13 11A2 SEQ AS 5.250% 01/25/34		03/01/2020	Paydown		723	723	700	701		22		22		723				6	01/25/2034	1FM	
92922F-JZ-2	WAMU 2003-S13 12A4 SEQ AS 5.500% 01/25/34		03/01/2020	Paydown		260,196	260,196	256,641	256,809		3,387		3,387		260,196				2,382	01/25/2034	1FM	
92922F-O5-0	WAMU 2005-AR7 A4 CSTR AS 4.261% 08/25/35		03/01/2020	Paydown		283,578	283,578	278,036	278,295		5,283		5,283		283,578				1,613	08/25/2035	1FM	
92922F-U8-9	07/25/45 WAMU 2005-AR9 A1C3 FLT STEP AFC SSU 1.907%		03/25/2020	Paydown		90,197	90,197	82,305	81,297		8,900		8,900		90,197				423	07/25/2045	1FM	
92922F-VB-1	WAMU 2004-S3 2A6 Z SSNR AS 5.500% 07/25/34		03/01/2020	Paydown		516,693	516,693	483,108	501,023		15,670		15,670		516,693				4,730	07/25/2034	1FM	
92922F-VC-9	WAMU 2004-S3 2A7 SSNR NAS 5.500% 07/25/34		03/01/2020	Paydown		212,321	212,321	205,132	205,427		6,894		6,894		212,321				1,945	07/25/2034	1FM	
92925C-BH-4	12/25/45 WAMU 2006-AR1 1A1A FLT DLY AFC SSNR 3.036%		03/25/2020	Paydown		240,084	240,084	216,664	219,585		20,499		20,499		240,084				1,231	12/25/2045	1FM	
92925C-CC-4	01/25/46 WAMU 2007-HY1 1A1 CSTR SSNR AS 3.478%		03/01/2020	Paydown		272,203	272,203	235,881	238,513		33,690		33,690		272,203				1,246	01/25/2046	1FM	
92925V-AA-8	02/25/37 CTL PASS THUR TR-WESTERN MICH SR-SEC		03/01/2020	Paydown		105,227	111,437	63,137	52,881		55,282		55,282		108,163		(2,937)	(2,937)	520	02/25/2037	1FM	
9292J0-AA-0	3.590% 03/15/31 WCC-ORLANDO FL-SR NT GROUND L SR-SEC 5.223%		03/15/2020	Redemption	100.0000	125,446	125,446	125,446	125,446						125,446				751	03/15/2031	1	
92971*-AA-0	10/15/53 WCC-ORLANDO FL-SR NT GROUND L SR-SEC 5.223%		03/15/2020	Redemption	100.0000	65,957	65,957	65,957	65,957						65,957				575	10/15/2053	1PL	
929766-KS-1	WBCMT 2003-C7 G SUB CSTR 6.136% 10/15/35		03/01/2020	Paydown		152,742	152,742	150,234	152,338		404		404		152,742				1,598	10/15/2035	1FM	
92977Y-BQ-3	10/20/35 WMLT 2005-B 3A1 CSTR SSNR AS 4.349%		03/01/2020	Paydown		9,690	9,690	3,317	3,495		6,195		6,195		9,690				70	10/20/2035	1FM	
931210-AA-5	5.000% 12/10/32 WAL-MART ESCONDIDO PT TRUST-WA SR-SEC		03/10/2020	Redemption	100.0000	74,319	74,319	74,319	74,319						74,319				620	12/10/2032	1	
931430-AA-9	5.632% 05/15/32 WELLS FARGO BK NW-N.A.-WAG-ERWI SR-SEC		03/15/2020	Redemption	100.0000	91,475	91,475	91,475	91,475						91,475				900	05/15/2032	2	
93144#-AA-6	5.900% 11/15/31 WELLS FARGO BK NW-N.A.-INDIANA SR-SEC		03/15/2020	Redemption	100.0000	47,868	47,868	48,893	48,439		(571)		(571)		47,868				471	11/15/2031	2	
933634-AA-5	WAMU 2007-HY3 1A1 CSTR SSNR AS 3.237%		03/01/2020	Paydown		43,349	44,274	22,976	14,735		28,920		28,920		43,655		(306)	(306)	348	03/25/2037	1FM	
933634-AJ-6	03/25/37 WAMU 2007-HY3 4A1 CSTR SSNR AS 3.979%		03/01/2020	Paydown		163,801	164,188	155,979	156,523		7,647		7,647		164,170		(369)	(369)	1,124	03/25/2037	1FM	
933638-AB-4	01/25/47 WAMU 2006-AR19 1A1A FLT DLY SSNR AS 2.696%		03/01/2020	Paydown		215,326	215,326	194,062	194,976		20,350		20,350		215,326				1,273	01/25/2047	1FM	
933638-AD-0	01/25/47 WAMU 2006-AR19 2A FLT DLY SSNR AS 2.294%		03/01/2020	Paydown		99,364	99,364	93,806	93,949		5,415		5,415		99,364				471	01/25/2047	1FM	
93627#-AB-0	7.600% 07/01/26 WARRIOR TRAIL-DFW-LLC-PERFORMA SR-SEC		03/01/2020	Redemption	100.0000	196,379	196,379	196,379	196,379						196,379				2,493	07/01/2026	2PL	
939336-OZ-9	WAMIS 2003-MS2 4A5 SSNR NAS 5.750% 02/25/33		03/01/2020	Paydown		16,536	16,536	16,888	16,521		16		16		16,536				160	02/25/2033	1FM	
939336-RZ-8	WAMIS 2003-MS3 1A4 SSNR NAS 5.750% 03/25/33		03/01/2020	Paydown		3,601	3,601	3,655	3,612		(11)		(11)		3,601				35	03/25/2033	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 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
939336-Z3-0	WAMU 2005-AR3 A1 CSTR AS 3.624% 03/25/35		03/01/2020	Paydown		316,446	316,446	308,381	309,893		6,553		6,553		316,446				2,011	03/25/2035	1FM
939344-AN-7	WMALT 2006-4 3A3 STEP AFC AS 5.967%		03/01/2020	Paydown		55,065	95,831	9,838	8,302		50,281		50,281		58,582		(3,518)	(3,518)	583	05/25/2036	1FM
93936H-AL-0	WMALT 2007-2 1A11 EXCH FLT SSNR AS 1.267%		03/25/2020	Paydown		68,801	134,722	38,110	29,744		53,516		53,516		83,261		(14,460)	(14,460)	280	04/25/2037	1FM
94107J-AA-1	WASTE PRO USA INC SR UNSEC 5.500% 02/15/26		02/21/2020	WELLS FARGO		5,000,625	5,000,000	4,700,000	4,738,663		5,076		5,076		4,743,739		256,886	256,886	144,146	02/15/2026	4FE
94946T-AD-8	WELLCARE HEALTH PLANS SR UNSEC 5.375%		08/15/26	Tax Free Exchange			6,675,000	6,675,000	6,675,000						6,675,000				157,465	08/15/2026	3FE
94978#-AH-0	WELLS FARGO BK NH-CVS SR-SEC 7.530%		01/10/24	Redemption			472,866	462,773	462,770		10,096		10,096		472,866				5,580	01/10/2024	2
94978#-CQ-8	WELLS FARGO BK-CVS 2010 SECOND SR-SEC		03/10/2020	Redemption			100,000														
94978#-GK-7	5.610% 08/10/27		03/10/2020	Redemption			430,238	430,238	409,474		10,327		10,327		430,238				4,029	08/10/2027	2
94978#-GL-5	FURC TRUST 2007-1A B-SR-SEC 5.670% 01/30/30		01/15/2020	Redemption			315,423	315,423	315,423						315,423				8,942	01/15/2030	1
94978#-GM-3	FURC TRUST 2007-1A C-SR-SEC 5.670% 01/30/30		01/15/2020	Redemption			100,000												781	01/15/2030	1
94978#-GN-1	FURC TRUST 2007-1A B-SR-SEC 5.670% 01/30/30		01/15/2020	Redemption			100,000												6,334	01/15/2030	1
94978#-GP-6	FURC TRUST 2007-1B A-SR-SEC 5.670% 01/30/30		01/15/2020	Redemption			100,000												3,017	01/30/2030	1
94978#-HG-5	FURC TRUST 2007-1B B-SR-SEC 5.670% 01/30/30		01/15/2020	Redemption			100,000												6,612	01/30/2030	1
94978#-HH-3	FURC TRUST NO. 2007-2A 1-SR-SEC 6.090%		06/12/29	Redemption			100,000												11,154	01/15/2029	1
94978#-HJ-9	FURC TRUST NO. 2007-2A 5-SR-SEC 6.090%		09/12/30	Redemption			100,000												15,433	07/15/2030	1
94978#-HJ-9	FURC TRUST NO. 2007-2A 7-SR-SEC TRANCHE C		01/15/29	Redemption			100,000												28,699	01/15/2029	1
94978#-HK-6	6.090% 01/15/29		01/15/2020	Redemption			100,000												12,535	01/15/2029	1
94978#-HL-4	FURC TRUST NO. 2007-2A 8-SR-SEC 6.090%		01/15/29	Redemption			100,000												16,972	01/15/2030	1
94978#-HL-4	FURC TRUST NO. 2007-2A 9-SR-SEC 6.090%		09/12/30	Redemption			100,000												3,504	01/15/2029	1
94978#-HM-2	FURC TRUST NO. 2007-2B 2-SR-SEC 6.090%		01/15/29	Redemption			100,000												6,221	01/15/2029	1
94978#-HN-0	FURC TRUST NO. 2007-2B 3-SR-SEC 6.090%		01/15/29	Redemption			100,000												4,490	01/15/2029	1
94978#-HP-5	FURC TRUST NO. 2007-2B 4-SR-SEC 6.090%		01/15/29	Redemption			100,000												50,009	01/15/2026	1
94978#-HP-5	FURC TRUST NO. 2007-2B 6-SR-SEC 6.090%		01/15/29	Redemption			100,000												8,859	01/15/2029	1
94978#-HQ-3	FURC TRUST NO. 2007-2B 10-SR-SEC 6.090%		01/15/29	Redemption			100,000												486	09/21/2027	1
94978#-HR-1	WELLS FARGO-ONB 6.64 09/21/202 A-SR-SEC		03/21/2020	Redemption			100,000				(75)		(75)		43,847				9,909	05/14/2027	1
94978#-HS-9	6.640% 09/21/27		03/21/2020	Redemption			100,000												1,213	12/25/2036	1FM
94978*-AL-5	WAKE FOREST LEASEBACK PT TRUST SR-SEC		03/14/2020	Redemption			100,000												7,305	10/25/2034	1FM
949789-AF-8	5.930% 05/14/27		03/01/2020	Paydown		1,000,930	1,000,930	1,000,930	1,000,930					1,000,930					1,213	12/25/2036	1FM
94980G-AJ-0	WFMS 2006-AR19 A6 CSTR SEQ SSNR AS 4.349%		12/25/36	Paydown		138,105	196,974	138,597	140,064		39,980		39,980		180,043		(41,939)	(41,939)	1,213	12/25/2036	1FM
94980G-AJ-0	WFHET 2004-2 A18 AFC SEQ AS 5.000% 10/25/34		03/01/2020	Paydown		914,470	914,470	799,456	876,862		37,608		37,608		914,470				7,305	10/25/2034	1FM
94983P-AA-6	WFMS 2006-AR4 1A1 CSTR SSNR AS 4.175%		04/25/36	Paydown			213	214	42		178		178		213				1	04/25/2036	1FM
94984E-AT-9	WFMS 2006-10 A18 SEQ NAS 6.000% 08/25/36		01/09/2020	Paydown					35												
94985J-AB-0	WFMS 2007-7 A2 SSNR AS 6.000% 06/25/37		03/01/2020	Paydown			276,691	325,353	218,533		93,767		93,767		308,799		(32,109)	(32,109)	3,150	06/25/2037	1FM
94985J-BR-0	WFMS 2007-7 A40 SEQ AS 6.000% 06/25/37		03/01/2020	Paydown			220,854	218,821	109,890		109,239		109,239		201,596		(13,775)	(13,775)	2,138	06/25/2037	1FM
94985J-CA-6	WFMS 2007-7 A49 NAS 6.000% 06/25/37		03/02/2020	Paydown			172,393	202,712	102,909		94,993		94,993		186,474		(14,081)	(14,081)	1,962	06/25/2037	1FM
95058X-AC-2	WEN 2015-1A A23 SEQ 4.497% 06/15/45		03/15/2020	Paydown			87,500	87,500	84,229		3,271		3,271		87,500				984	06/15/2045	2FE

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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	
95058X-AE-8	WEN 2018-1A A211 SEQ 3.884% 03/15/48		03/15/2020	Paydown		77,500	77,500	77,487	77,488		.12		.12		77,500				753	03/15/2048	2FE	
95058X-AH-1	WEN 2019-1A A211 SEQ 4.080% 06/15/49		03/15/2020	Paydown		255,000	255,000	255,000	255,000						255,000				2,601	06/15/2049	2FE	
96033D-AA-8	WESTR 2017-1A A SEQ 3.050% 12/20/30		03/01/2020	Paydown		430,439	430,439	429,918	429,853		586		586		430,439				2,124	12/20/2030	1FE	
96033D-AB-6	WESTR 2017-1A B SUB 4.050% 12/20/30		03/01/2020	Paydown		97,278	97,278	97,134	97,110		168		168		97,278				985	12/20/2030	1FE	
96033D-AB-6	WESTR 2017-1A B SUB 4.050% 12/20/30		02/01/2020	Paydown		225,551	225,551	225,217	225,161		390		390		225,551				1,130	12/20/2030	2FE	
96121#-AB-4	WESTPAC REALTY FUND II-LLC SR-SEC 7.770%		03/05/2020	Redemption	100.0172	149,462	149,436	149,436	149,436		26		26		149,462				2,152	05/05/2020	1	
96121#-AC-2	WESTPAC REALTY FUND II-LLC SR-SEC 7.780%		03/05/2020	Redemption	99.9897	151,962	151,977	151,977	151,977		(16)		(16)		151,962				1,975	05/05/2020	1	
96121#-AD-0	WESTPAC REALTY FUND II-LLC SR-SEC 7.490%		03/05/2020	Redemption	100.0000	164,920	164,920	164,920	164,920						164,920				2,063	12/05/2020	1	
96121#-AE-8	WESTPAC REALTY FUND II-LLC SR-SEC 8.140%		03/05/2020	Redemption	100.0000	216,800	216,800	216,800	216,800						216,800				2,948	12/05/2020	1	
96121#-AF-5	WESTPAC REALTY FUND II-LLC SR-SEC 7.770%		03/05/2020	Redemption	100.0000	165,209	165,209	165,209	165,209						165,209				2,144	08/05/2021	1	
96228#-AA-8	TALISKER GROUND LEASE-BKD PT T 4.700%		03/15/2020	Redemption	100.0000	50,326	50,326	50,326	50,326						50,326				395	05/15/2047	1PL	
96928#-BS-5	WELLS FARGO BK NII-NAT ASSN SR-SEC 6.410%		03/15/2020	Redemption	100.0000	45,025	45,025	45,025	45,025						45,025				482	07/15/2029	2	
96928#-BT-3	WELLS FARGO BK NII-NAT ASSN SR-SEC 6.690%		03/15/2020	Redemption	100.0000	30,618	30,618	30,618	30,618						30,618				342	12/15/2032	2	
96928#-BU-0	WELLS FARGO BK NII-NAT ASSN SR-SEC 6.560%		03/15/2020	Redemption	100.0000	47,611	47,611	47,611	47,611						47,611				522	12/15/2030	2	
96928#-CE-5	WILLIAM BLAIR & CO PT TRUST SE SR-SEC 6.720% 07/15/34		03/15/2020	Redemption	100.0000	29,655	29,655	29,655	29,655						29,655				333	07/15/2034	2	
96928#-CT-2	HAMMES CO. CAPTL HLDINGS-ST. L SR-SEC 6.610% 01/15/35		03/15/2020	Redemption	100.0000	250,505	250,505	250,505	250,505						250,505				2,765	01/15/2035	2	
96928#-CW-5	BLAWI CTL PT-SER 2010-B-SPECTRU SR-SEC 6.800% 06/15/37		03/15/2020	Redemption	100.0000	155,727	155,727	157,253	156,793		(1,066)		(1,066)		155,727				1,716	06/15/2037	1	
96928#-FB-8	WILLIAM BLAIR CTL TRUST-FEDEX 2012-SR-SEC 3.900% 07/15/30		03/15/2020	Redemption	100.0000	255,810	255,810	257,505	256,864		(1,054)		(1,054)		255,810				1,665	07/15/2030	2	
96928#-FC-6	WILLIAM BLAIR PT TRUST-FED EX- SR-SEC 3.950% 09/30/27		03/15/2020	Redemption	100.0000	661,621	661,621	668,230	665,460		(3,839)		(3,839)		661,621				4,360	09/15/2027	2	
96950F-AD-6	WILLIAMS COMPANIES INC SR UNSEC 5.250%		03/15/2020	Maturity		33,300,000	33,300,000	33,284,027	33,299,692		308		308		33,300,000				874,125	03/15/2020	2FE	
97314@-AA-3	WIND ENERGY TRANSMISSION TEXAS A-SR-SEC 3.670% 12/18/34		03/31/2020	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		03/10/2020	Redemption	100.0000	333,333	333,333	333,333	333,333						333,333				6,383	09/10/2045	1	
98984#-AA-2	ZURICH LEASE-BKD PT TRUST-ZURI SR-SEC 4.918% 11/15/37		03/15/2020	Redemption	100.0000	208,413	208,413	209,456	209,216		(802)		(802)		208,413				1,711	11/15/2037	1	
Z00066-12-8	JGW IX LLC SR-UNSEC 4.500% 08/15/43		02/11/2020	Redemption	100.0000	(27,480)	(27,480)	(27,480)	(27,480)						(27,480)					08/15/2043	1Z	
Z00066-12-8	JGW IX LLC SR-UNSEC 4.500% 08/15/43		02/11/2020	Redemption	100.0000	(67,236)	(67,236)	(67,236)	(67,236)						(67,236)					08/15/2043	1Z	
Z00066-12-8	JGW IX LLC SR-UNSEC 4.500% 08/15/43		01/24/2020	Tax Free Exchange		5,724,472	5,724,472	5,724,472	5,724,472						5,724,472				24,045	08/15/2043	1Z	
Z00067-22-5	JGW IX LLC SR-UNSEC 4.500% 09/15/38		01/24/2020	Tax Free Exchange		5,037,917	5,037,917	5,037,917	5,037,917						5,037,917				2,183	09/15/2038	1Z	
Z00068-40-5	JGW IX LLC SR-UNSEC 4.500% 02/15/37		03/17/2020	DIRECT WITH COUNTERPARTY																		
Z00068-40-5	JGW IX LLC SR-UNSEC 4.500% 02/15/37		01/24/2020	FIXED														(1)	(1)		02/15/2037	1Z
Z00069-19-7	JGW IX LLC SR-UNSEC 4.050% 01/15/36		01/24/2020	Tax Free Exchange		5,698,403	5,698,403	5,698,403	5,698,403						5,698,403				2,469	02/15/2037	1Z	
109286-AA-2	BRIGHTON BEACH POWER L.P. SR-SEC 6.924%		03/31/2020	Redemption	100.0000	1,847,125	1,847,125	1,653,158	2,014,904					(361,746)	1,847,125	193,967		193,967	31,974	03/30/2024	2	
218493-AA-2	CORDELIO AMALCO LP I A-SR-UNSEC 4.087%		03/31/2020	Redemption	100.0000	1,166,230	1,166,230	1,232,303	1,272,161					(39,857)	1,166,230	(66,074)		(66,074)	23,988	09/30/2034	2FE	
218493-AB-0	CORDELIO AMALCO LP I B-SR-UNSEC 4.087%		01/04/2020	Redemption	100.0000	709	709	691	2,776					(2,085)	709	18		18		06/30/2034	2FE	
67077M-AB-4	NUTRIEN LTD SR UNSEC 4.875% 03/30/20	A	03/30/2020	Maturity		41,250,000	41,250,000	42,477,220	41,405,888		(155,888)		(155,888)		41,250,000				1,005,469	03/30/2020	2FE	

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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				
..683715-AA-4	OPEN TEXT CORP CO.GUARNT 5.625% 01/15/23	A	03/05/2020	Call 101.4060 Redemption 100.0000		18,405,189	18,150,000	18,346,250	18,188,436				(6,385)					18,182,051		(32,051)	(32,051)	907,455	01/15/2023	3FE	
..C1466#-AA-6	CPR LEASING LTD. SR-SEC 5.410% 03/03/24	A	03/03/2020			220,907	220,907	220,907	220,907									220,907				5,976	03/03/2024	1	
..C7208#-AH-1	PENGROWTH CORP B-SR-UNSEC 7.980% 05/11/20	A	01/09/2020	Call 98.1854 Redemption 100.0000		32,002,541	32,594,000	32,594,000	32,594,000									32,594,000				(647,608)	05/11/2020	5	
..00802#-AA-4	AEROSTAR AIRPORT HLDGS-LLC A-SR-SEC 5.750% 03/22/35	D	03/22/2020			199,843	199,843	199,843	199,843									199,843				5,746	03/22/2035	3FE	
..00972B-AA-7	AKBANK TAS SR UNSEC 4.000% 01/24/20	D	01/24/2020			8,000,000	8,000,000	7,928,554	7,999,000				1,000					8,000,000				160,000	01/24/2020	4FE	
..02315Q-AA-6	AMBAC LSNI LLC SR SEC 6.375% 02/12/23	D	01/01/2020			53	53	53	53									53						02/12/2023	6*
..03328T-AU-9	ANHC 2015 7A B2R MEZ CDO-CF-CLO-HY 3.300% 10/15/27	D	03/06/2020	Paydown		8,000,000	8,000,000	8,000,000	8,000,000									8,000,000					103,400	10/15/2027	1FE
..05252A-AN-1	AUST & NZ BANKING GROUP SR UNSEC 5.100% 01/13/20	D	01/13/2020	Maturity		20,000,000	20,000,000	19,969,000	19,999,873				127					20,000,000					510,000	01/13/2020	1FE
..05968L-AG-7	BANCOLOMBIA SA SR UNSEC 5.950% 06/03/21	D	01/22/2020	TENDER SALE		21,391,150	20,900,000	21,262,684	20,993,954				(4,046)					20,989,909		401,241	401,241	176,170	06/03/2021	2FE	
..12805P-AE-6	CAI 2018-1A A SEQ 3.960% 02/25/43	D	03/25/2020	Paydown		212,500	212,500	212,434	212,441				59					212,500				1,403	02/25/2043	1FE	
..226081-AC-1	CREST 2002 1A C SEQ CDO-CRE CDO 7.000% 05/27/36	D	02/27/2020	Paydown			(202,741)	(6,914)	(6,914)									(6,914)				6,914	05/27/2036	6*	
..268317-AD-6	ELECTRICITE DE FRANCE SA SR UNSEC 4.600% 01/27/20	D	01/27/2020	Maturity		30,000,000	30,000,000	29,869,200	29,998,861				1,139					30,000,000					690,000	01/27/2020	1FE
..29081Y-AD-8	EMBRAER OVERSEAS LTD CO.GUARNT 5.696% 09/16/23	D	02/10/2020	BANK OF AMERICA Redemption 100.0000		3,309,000	3,000,000	2,897,264	2,954,540				1,259					2,955,799		353,201	353,201	69,301	09/16/2023	2FE	
..40066N-AA-4	GUANAY FINANCE LTD SR SEC 6.000% 12/15/20	D	03/15/2020			4,939,032	4,939,032	4,956,992	4,941,746				(2,714)					4,939,032					56,265	12/15/2020	3FE
..42771R-AA-7	HERO 2016-1R A1 SEQ 4.500% 09/21/42	D	03/21/2020	Paydown		657,003	657,003	650,485	651,182				5,822					657,003					14,783	09/21/2042	2FE
..44040H-AB-8	HORZN 2019-1 B SUB 4.703% 07/15/39	D	03/15/2020	Paydown		134,616	134,616	134,611	134,612				4					134,616					1,055	07/15/2039	2FE
..45112E-AF-6	ICICI BANK LTD/DUBAI SR UNSEC 3.500% 03/18/20	D	03/18/2020	Maturity		5,000,000	5,000,000	4,982,650	4,999,272				728					5,000,000					87,500	03/18/2020	2FE
..45605P-AM-0	BIND 2016-1A 3 SEQ 5.235% 04/15/26	D	01/15/2020	Paydown		603,799	603,799	603,799	603,799									603,799					8,156	04/15/2026	2FE
..46137N-AB-4	INVERSIONES LATIN AMERICA POWE 5.350% 03/31/33	D	03/31/2020	Redemption 100.0000		775,332	775,332	775,332	775,332									775,332					20,740	03/31/2033	2FE
..470170-AB-7	JAMAICA MERCHANT VOUCHER RECEI SR 5.875% 07/08/22	D	01/05/2020	Redemption 100.0000		865,582	865,582	865,582	865,582									865,582						07/05/2022	3FE
..478375-AD-0	JOHNSON CONTROLS INTL PL SR UNSEC 5.000% 03/30/20	D	03/30/2020	Maturity		16,650,000	16,650,000	17,896,885	16,747,121				(97,121)					16,650,000					416,250	03/30/2020	2FE
..500630-CD-8	KOREA DEVELOPMENT BANK SR UNSEC 2.500% 03/11/20	D	03/11/2020	Maturity		5,000,000	5,000,000	4,999,000	4,999,963				37					5,000,000					62,500	03/11/2020	1FE
..50064Y-AC-7	KOREA HYDRO & NUCLEAR PO SR UNSEC 4.750% 07/13/21	D	01/14/2020	HSBC SECURITIES USA INC Redemption 100.0000		5,453,175	5,250,000	5,123,528	5,226,297				605					5,226,902		226,273	226,273	126,766	07/13/2021	1FE	
..53566T-AA-9	LINE ONE PERU METRO EXPANSION SER 2019-1-SR-UNSEC 4.737% 01/10/33	D	01/10/2020	Redemption 100.0000		169,511	169,511	169,511	169,511									169,511					2,007	01/10/2033	2FE
..53566T-AB-7	LINE ONE PERU METRO EXPANSION SER 2019-2-SR-UNSEC 4.737% 04/10/33	D	01/10/2020	Redemption 100.0000		129,899	129,899	129,899	129,899									129,899					1,538	01/10/2033	2FE
..55283L-AA-3	MAPSL 2019-1A A SEQ 4.458% 03/15/44	D	03/15/2020	Paydown		138,305	138,305	138,303	138,303				2					138,305					1,030	03/15/2044	1
..56564R-AA-8	MAPSL 2018-1A A SEQ 4.212% 05/15/43	D	03/15/2020	Paydown		201,600	201,600	201,593	201,593				7					201,600					1,415	05/15/2043	1
..56564R-AB-6	MAPSL 2018-1A B SUB 5.193% 05/15/43	D	03/15/2020	Paydown		124,800	124,800	124,798	124,797				3					124,800					1,080	05/15/2043	2FE
..62856R-AB-1	MYRIAD INTL HOLDINGS BV CO.GUARNT 6.000% 07/18/20	D	02/21/2020	Call 101.5954 Redemption 100.0000		8,737,204	8,600,000	8,633,000	8,603,075				(780)					8,602,295		(2,295)	(2,295)	442,504	07/18/2020	2FE	
..62983P-AB-1	NAKILAT INC SECURED 6.267% 12/31/33	D	01/04/2020	Redemption 100.0000		25	25	25	25									25						12/31/2033	1FE
..67576G-AC-1	ODBROHT OFFSHRE DRLL FIN SR SEC 6.720% 12/01/22	D	03/01/2020	Redemption 100.0000		417,524	417,524	359,317	383,616				33,908					417,524					7,014	12/01/2022	5FE
..71568P-AA-7	PERUSAHAAN LISTRIK NEGAR SR UNSEC 5.500% 11/22/21	D	01/14/2020	BARCLAYS BANK PLC		8,470,000	8,000,000	8,315,969	8,072,651				(1,527)					8,071,123		398,877	398,877	66,000	11/22/2021	2FE	
..71647N-AM-1	PETROBRAS GLOBAL FINANCE CO.GUARNT 6.250% 03/17/24	D	01/22/2020	JP MORGAN SECURITIES SANTANDER SECURITIES		1,134,300	1,000,000	997,720	998,868				15					998,882		135,418	135,418	22,049	03/17/2024	3FE	
..71654Q-CK-6	PETROLEOS MEXICANOS CO.GUARNT 5.350% 02/12/28	D	01/21/2020	INC		1,005,510	1,000,000	1,000,000	1,000,000									1,000,000		5,510	5,510	23,926	02/12/2028	2FE	
..74951P-CY-2	RESIF 2004-B B5 SUB FLT 2.413% 02/10/36	D	03/10/2020	Paydown		3,371	3,371	663	25				3,346					3,371					18	02/10/2036	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
74951P-DG-2	RESIF 2004-C B3 SUB FLT 1.613% 09/10/36	D	03/10/2020	Paydown		29,822	38,208	15,107	8,161				23,138		31,299		(1,477)	(1,477)	159	09/10/2036	1FM
74951P-DG-0	RESIF 2004-C B4 SUB FLT 2.531% 09/10/36	D	03/10/2020	Paydown			283,649	75,300	5,205				779		5,984		(5,984)	(5,984)	1,608	09/10/2036	1FM
74951P-DQ-8	RESIF 2005-A B3 SUB FLT 1.443% 03/10/37	D	03/10/2020	Paydown		22,048	194,945	66,090	69,061				14,880		83,941		(61,892)	(61,892)	944	03/10/2037	1FM
75973F-AA-9	RENEW 2018-1 A SEQ 3.950% 09/20/53	D	03/20/2020	Paydown		1,257,699	1,257,699	1,257,222	1,257,236				463		1,257,699				7,713	09/20/2053	1FE
75973L-AA-6	RENEW 2017-1A A SEQ 3.670% 09/20/52	D	03/20/2020	Paydown		106,384	106,384	106,356	106,569				(184)		106,384				444	09/20/2052	1FE
784309-AA-4	SUETS 2017-1 A SEQ 3.967% 08/15/42	D	03/15/2020	Paydown		80,168	80,168	80,168	80,167						80,168				530	08/15/2042	1FE
822582-AM-4	SHELL INTERNATIONAL FIN CO GUARNT 4.375% 03/25/20	D	03/25/2020	Maturity		40,000,000	40,000,000	39,811,200	39,994,677				5,323		40,000,000				875,000	03/25/2020	1FE
846502-AA-0	SPAEM 2015-1A A SEQ 4.000% 08/01/21	D	02/01/2020	Paydown		1,931,707	1,931,707	1,931,707	1,931,707						1,931,707				19,317	08/01/2021	1PL
85573L-AA-9	STARR 2019-1 A SEQ 4.089% 03/15/44	D	03/15/2020	Paydown		236,608	236,608	239,931	239,906				(3,298)		236,608				1,613	03/15/2044	1FE
85573L-AB-7	STARR 2019-1 B SUB 5.095% 03/15/44	D	03/15/2020	Paydown		133,929	133,929	135,564	135,548				(1,619)		133,929				1,137	03/15/2044	2FE
88315F-AE-1	TMCL 2017-2A A SEQ 3.520% 06/20/42	D	03/20/2020	Paydown		253,344	253,344	253,299	253,302				42		253,344				1,463	06/20/2042	1FE
88606W-AA-0	TBOLT 2017-A A STEP SEQ 4.212% 05/17/32	D	03/15/2020	Paydown		459,523	459,523	459,503	459,507				16		459,523				2,126	05/17/2032	1FE
88606W-AC-6	TBOLT 2017-A C SUB 4.500% 05/17/32	D	03/15/2020	Paydown		169,061	169,061	153,792	156,165				12,895		169,061				896	05/17/2032	3FE
92912V-AW-5	VOYA 2014 2A AZBR MEZ CDO-CF-CLO-HY 3.860% 04/17/30	D	03/12/2020	Paydown		14,250,000	14,250,000	14,250,000	14,250,000						14,250,000				221,548	04/17/2030	1FE
EC0125-69-9	PARMALAT CAPITAL FINANCE CO. GUARNT 6.625% 08/13/49	D	01/29/2020	CONVERSION Redemption 100.0000			86,000,000													08/13/2049	6*
F0933*-AA-4	BELLON S.A. A-SR-SEC 5.200% 02/15/22	D	02/15/2020	Call		7,643,621	7,643,621	7,643,621	7,643,621						7,643,621				198,734	02/15/2022	2
G0620*-AA-1	ATLAS 2014-1 SR-SEC 4.875% 12/15/39	D	03/15/2020	Call 99.3339		28,774,897	28,967,845	28,967,845	28,967,845						28,967,845				157,480	12/15/2039	1PL
G0620*-AA-1	ATLAS 2014-1 SR-SEC 4.875% 12/15/39	D	02/15/2020	Paydown		340,455	340,455	340,455	340,455						340,455				911	12/15/2039	1Z
G1910#-AP-1	COBHAM PLC C-SR-UNSEC 3.900% 10/28/21	D	02/04/2020	G2		9,924,750	9,900,000	9,900,000	9,900,000						9,900,000		24,750	24,750	110,468	10/28/2021	3
G1910#-AQ-9	COBHAM PLC D-SR-UNSEC 4.260% 10/28/24	D	02/04/2020	G2		12,602,700	12,540,000	12,540,000	12,540,000						12,540,000		62,700	62,700	152,842	10/28/2024	3
G2854#-AA-0	DUDGEON OFFSHORE WIND LTD SR-UNSEC 2.740% 06/15/32	B	01/01/2020	Redemption 100.0000		181,485	181,485	171,522	180,146				(8,623)		181,485	9,963		9,963	(735)	06/15/2032	1FE
M2512*-AC-7	COCA-COLA ICECEK A.S. C-SR-UNSEC 4.440% 05/30/23	D	02/25/2020	G2		20,000,000	20,000,000	20,000,000	20,000,000						20,000,000				246,667	05/30/2023	4
N6777#-AG-4	OVERSEAS ASSISTANCE FINANCE B. G-SR-UNSEC 6.000% 03/30/24	D	03/30/2020	Redemption 100.0000		2,083,333	2,083,333	2,083,333	2,083,333						2,083,333				3,472	03/30/2024	3PL
P4000#-AA-1	ELETRANS SA SR-SEC 4.060% 12/28/37	D	02/06/2020	Redemption 100.0000																12/28/2037	1FE
Q4436#-AA-2	HALLETT HILL NO. 2 PTY LTD SR-SEC 3.780% 06/27/27	D	03/27/2020	Redemption 100.0000		134,138	134,138	134,138	134,138						134,138				1,268	06/27/2027	2FE
Q4436#-AB-0	HALLETT HILL NO. 2 PTY LTD SR-SEC 4.876% 06/27/27	B	03/27/2020	Redemption 100.0000		59,468	59,468	74,858	69,029				5,828		59,468	(15,390)		(15,390)	735	06/27/2027	2FE
Q7677#-AA-5	PLENARY HEALTH FINANCE CO PTY SERIES A 3.950% 07/02/40	B	01/01/2020	Redemption 100.0000		670,589	670,589	732,464	670,589				61,876		670,589	(61,876)		(61,876)		07/01/2040	1FE
Q8852#-AA-8	TAMATA PLANTATIONS LMT PFD L CONVERTIBLE NOTE 6.720% 12/24/34	B	01/01/2020	Redemption 100.0000		1,278,543	1,278,543	891,415	859,562				464,295		1,278,543	(74,160)		(74,160)	(9,653)	12/24/2034	561
3899999	Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)					2,692,630,315	2,765,152,880	2,642,459,724	2,637,726,031	12,658	22,691,299		22,703,957	(315,761)	2,666,424,692	(13,552)	7,751,269	7,737,717	58,274,486	XXX	XXX
94978#-AA-7	WELLS FARGO CAPITAL X LTD GUARNT 5.950% 12/15/36		03/30/2020	Taxable Exchange		44,321,375	35,000,000	34,725,650	34,792,857		1,745		1,745		34,794,602		9,526,773	9,526,773	607,396	12/15/2036	2FE
4899999	Subtotal - Bonds - Hybrid Securities					44,321,375	35,000,000	34,725,650	34,792,857		1,745		1,745		34,794,602		9,526,773	9,526,773	607,396	XXX	XXX
62890#-CD-1	ND PROPERTIES PEP SHOPPING CENTER 4.480% 12/14/21		01/17/2020	Call 100.0000		2,829,225	2,829,225	3,394,162	2,860,335				533,827		2,829,225	(564,937)		(564,937)	11,971	12/14/2021	3
62890#-CN-9	ND PROPERTIES Cityhold office partnership 2.850% 10/01/20		02/21/2020	Redemption 100.0000		188,250,836	188,250,836	219,449,857	192,098,046				27,351,811		188,250,836	(31,199,021)		(31,199,021)	957,585	10/01/2020	3
62890#-CP-4	ND PROPERTIES CITYHOLD OFFICE PARTNERSHIP 1.750% 10/01/20		02/21/2020	Redemption 100.0000		156,577,811	156,577,811	161,465,558	161,868,728				(403,170)		156,577,811	(4,887,746)		(4,887,746)	496,495	10/01/2020	3
5599999	Subtotal - Bonds - Parent, Subsidiaries and Affiliates					347,657,872	347,657,872	384,309,577	356,827,109				27,482,468		347,657,872	(36,651,704)		(36,651,704)	1,466,051	XXX	XXX
464287-24-2	LQD ISHARES IBOX INVESTMENT GRA		02/26/2020	GOLDMAN SACHS - CORPORATES	0.000	399,969,262		387,216,664	201,551,076				(1,563,254)		387,216,664		12,752,598	12,752,598	1,020,787		2
464288-51-3	HYG ISHARES IBOX HIGH YLD CORP		02/25/2020	GOLDMAN SACHS - CORPORATES	0.000	75,002,554		75,870,504							75,870,504		(867,951)	(867,951)	313,686		4
67092P-11-0	NUSA NUVEEN ENHANCED YIELD 1-5 YE		03/30/2020	JANE STREET	0.000	7,638,322		7,734,020	7,700,098				33,922		7,734,020		(95,698)	(95,698)	32,454		1

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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
8099999	Subtotal - Bonds - SVO Identified Funds					482,610,138		470,821,188	209,251,174	(1,529,332)			(1,529,332)		470,821,188		11,788,949	11,788,949	1,366,927	XXX	XXX
..000000-00-0	Fortune International LLC Revolver 01/17/25		03/04/2020	Redemption 100.0000				2,029,747					19,097		2,029,747				2,482	01/17/2025	4Z
..00130F-AC-3	FRONTDOOR INC FRONTDOOR INC 08/14/25		03/31/2020	Redemption 100.0000				19,750	19,709				41		19,750			210	08/14/2025	3FE	
..00130F-AC-3	FRONTDOOR INC FRONTDOOR INC 08/14/25		01/10/2020	Redemption 100.0000				(19,750)	(19,701)				41		(19,750)					08/14/2025	4FE
..00168N-AA-5	AMC BUYER LLC Term Loan 11/01/24		03/31/2020	Redemption 100.0000				29,212	28,966				245		29,212				494	11/01/2024	2PL
..001730-AA-7	AMC BUYER LLC Delayed Draw Term Loan 11/01/24		03/31/2020	Redemption 100.0000				566,744	564,337				2,407		566,744				228	11/01/2024	2PL
..00190N-AJ-8	PODS LLC PODS LLC 12/06/24		03/31/2020	Redemption 0.0000					(198)				198						173	12/06/2024	4FE
..00400Y-AH-4	ACADEMY LTD ACADEMY LTD 07/01/22		01/07/2020	MORGAN STANLEY & CO. INC. Redemption 100.0000				(25,389)	(30,962)				(1,229)		(22,422)		(2,967)	(2,967)	43,698	07/01/2022	5FE
..00400Y-AH-4	ACADEMY LTD ACADEMY LTD 07/01/22		03/31/2020	Redemption 100.0000				115,138	83,379				71,783		115,138				2,210	07/01/2022	5FE
..00488P-AK-1	ACRISURE LLC ACRISURE LLC 11/22/23		01/01/2020	Redemption 100.0000				10,500	10,487				10		10,500					11/22/2023	4FE
..00488P-AK-1	ACRISURE LLC ACRISURE LLC 11/22/23		02/14/2020	Tax Free Exchange				4,133,097	4,131,829				32		4,133,097					11/22/2023	4FE
..00766W-AT-0	AECOM TECHNOLOGY AECOM TECHNOLOGY 03/13/25		01/31/2020	Redemption 100.0000				4,697,295	4,697,295						4,697,295				14,394	03/13/2025	3FE
..00866L-AB-2	Ahead Data Blue LLC Revolver 11/08/24		01/07/2020	No Broker Redemption 100.0000				14,250,000	14,109,717				(2,217)		14,107,500					11/08/2024	3PL
..00887#-AB-0	AIM ACQUISITION LLC Revolver 12/02/25		03/31/2020	Redemption 100.0000				44,286	44,286						44,286					12/02/2025	4Z
..01310T-AX-7	ALBERTSON'S LLC ALBERTSON'S LLC 11/17/25		02/06/2020	Redemption 100.0000				17,525,575	17,475,380				47,626		17,525,575				79,355	11/17/2025	3FE
..01642P-AW-6	ALIXPARTNERS LLP ALIXPARTNERS LLP 04/04/24		03/31/2020	Redemption 100.0000				52,614	52,734				(75)		52,614				567	04/04/2024	4FE
..01957T-AC-1	ALLIED UNIVERSAL HOLDCO LLC ALLIED UNIVERSAL HOLDCO LLC 07/12/26		03/31/2020	Redemption 100.0000				63,625	63,046				548		63,625				924	07/12/2026	4FE
..01957T-AD-9	ALLIED UNIVERSAL HOLDCO LLC ALLIED UNIVERSAL HOLDCO LLC 07/12/26		02/03/2020	Tax Free Exchange				2,292,793	2,292,793						2,292,793				12,340	07/12/2026	4FE
..02079#-AB-4	ALPHA PACKAGING HLDGS INC Additional Delayed Draw Term L 05/12/20		02/28/2020	Tax Free Exchange				4,863,375	4,863,375						4,863,375					05/12/2020	3PL
..02079#-AD-0	ALPHA PACKAGING HLDGS INC Tranche B-3 Term Loan 05/12/20		02/05/2020	Redemption 0.0000					(6)				6							05/12/2020	3PL
..02079#-AD-0	ALPHA PACKAGING HLDGS INC Tranche B-3 Term Loan 05/12/20		02/28/2020	Tax Free Exchange				8,042,211	8,023,641				986		8,042,211					05/12/2020	3PL
..02474R-AH-6	ABC SUPPLY CO INC ABC SUPPLY CO INC 01/15/27		03/31/2020	Redemption 100.0000				78,688	78,294				389		78,688				733	01/15/2027	4FE
..03217F-AH-2	AMSPEC SERVICES INC Revolver 07/02/24		03/05/2020	Redemption 100.0000				538,462	538,462						538,462				1,455	07/02/2024	3PL
..03217F-AJ-8	AMSPEC SERVICES INC Term Loan 07/02/24		03/31/2020	Redemption 100.0000				60,577	60,193				384		60,577				1,255	07/02/2024	3PL
..03765V-AJ-9	PRIME SECURITY SERVICES BOR PRIME SECURITY SERVICES BOR 09/23/26		03/31/2020	Redemption 100.0000				78,181	78,181						78,181				980	09/23/2026	3FE
..03939E-AB-5	ARCH GLOBAL CCT HLDGS CORP Delayed Draw Term Loan 04/01/26		02/11/2020	Tax Free Exchange				25,962					(2,570,192)							04/01/2026	2PL
..03939E-AD-1	ARCH GLOBAL CCT HLDGS CORP Term Loan 04/01/26		02/12/2020	Various				14,914,158	14,931,474				1,001		14,853,347		60,811	60,811	15,009	04/01/2026	2PL
..03939E-AD-1	ARCH GLOBAL CCT HLDGS CORP Term Loan 04/01/26		01/11/2020	Redemption 0.0000									263							04/01/2026	2PL
..03939E-AD-1	ARCH GLOBAL CCT HLDGS CORP Term Loan 04/01/26		01/01/2020	Redemption 100.0000				37,516	37,516						37,516				54	04/01/2026	2PL

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SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	For-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
..04041E-AB-8	ARISE HDGS INC First Lien Revolver 12/09/25		01/07/2020	No Broker			15,000,000	14,700,000	14,700,250		(250)		(250)		14,700,000					12/09/2025	2PL
..040448-A*-3	NASCO HEALTHCARE INC Term Loan 06/30/21		03/31/2020	Redemption 100.0000		38,380	38,380	38,188	38,324		56		56		38,380				661	06/30/2021	4PL
..04262B-AC-4	ARNOTT LLC Initial Term Loan 06/15/24		01/01/2020	TIAA CHURCHILL MIDDLE MARKET C		3,417,225	3,491,071	3,456,161	3,466,509		173		173		3,466,682		(49,457)	(49,457)	59,510	06/15/2024	3PL
..04262B-AC-4	ARNOTT LLC Initial Term Loan 06/15/24		01/02/2020	Redemption 100.0000		23,000	23,000	22,770	22,838		162		162		23,000				392	06/15/2024	3PL
..04575X-AC-8	ASSOCIATED PATHOLOGISTS LLC Term Loan A 05/01/24		01/02/2020	Redemption 100.0000			31,118	31,118	30,807		207		207		31,118				520	05/01/2024	3PL
..04575X-AD-6	ASSOCIATED PATHOLOGISTS LLC Term Loan B 05/01/25		01/02/2020	Redemption 100.0000			13,645	13,645	13,509		98		98		13,645				245	05/01/2025	3PL
..04621H-AK-9	ASSUREDPARTNERS INC ASSUREDPARTNERS INC 10/22/24		02/20/2020	Tax Free Exchange			27,520,794	27,523,386	27,522,881		22		22		27,520,794				176,738	10/22/2024	4FE
..04621H-AN-3	ASSUREDPARTNERS INC Term B 02/11/27		03/31/2020	Redemption 100.0000			68,808	68,808	68,802		6		6		68,808				460	02/11/2027	4FE
..04649V-AT-7	ASURION LLC ASURION LLC 08/04/22		03/31/2020	Redemption 100.0000			107,117	107,117	107,653		(292)		(292)		107,117				1,268	08/04/2022	4FE
..04649V-AV-2	ASURION LLC ASURION LLC 11/03/23		03/31/2020	Redemption 100.0000			3,731	3,731	3,748		(12)		(12)		3,731				44	11/03/2023	4FE
..05333#-AB-9	AUTOMOTIVE REMARKETING GROUP I Term Loan A 03/20/20		03/20/2020	Maturity		14,128,709	14,128,709	13,989,894	14,115,998		12,710		12,710		14,128,709				226,687	03/20/2020	2PL
..05365#-AA-4	AVETTA LLC Tranche B Term Loan 04/10/24		01/01/2020	CHURCHILL CLO IV			3,458,260	3,491,139	3,421,316		82		82		3,437,605		20,655	20,655		04/10/2024	3PL
..05365#-AA-4	AVETTA LLC Tranche B Term Loan 04/10/24		03/31/2020	Redemption 100.0000			24,066	24,066	24,079		217		217		24,066				310	04/10/2024	3PL
..05377J-AP-7	AVIS BUDGET CAR RENTAL LLC AVIS BUDGET CAR RENTAL LLC 02/13/25		02/07/2020	Tax Free Exchange			9,071,729	9,063,384	9,074,714		(189)		(189)		9,071,729				35,166	02/13/2025	2FE
..05377J-AR-3	AVIS BUDGET CAR RENTAL LLC TERM B 07/31/27		03/31/2020	Redemption 100.0000			28,908	28,908	28,914		(5)		(5)		28,908				139	07/31/2027	2FE
..05400K-AE-0	AVOLON TLB BORROWER 1 US AVOLON TLB BORROWER 1 US 01/15/25		02/12/2020	Redemption 100.0000			12,044,060	12,044,060	12,046,830		(2,137)		(2,137)		12,044,060				62,709	01/15/2025	2FE
..06646#-AD-5	BKRUPCTY MGMT SOLUTIONS INC SR-UNSEC 02/28/25		03/31/2020	Redemption 100.0000			22,995	22,995	22,792		204		204		22,995				359	02/28/2025	3PL
..07014Q-AK-7	BASS PRO GROUP LLC BASS PRO GROUP LLC 09/25/24		03/31/2020	Redemption 100.0000			97,500	97,500	96,525		645		645		97,500				1,647	09/25/2024	4FE
..07368R-AD-3	BEACON ROOFING SUPPLY INC BEACON ROOFING SUPPLY INC 01/02/25		03/31/2020	Redemption 100.0000			32,500	32,500	32,478		16		16		32,500				323	01/02/2025	4FE
..08511L-AQ-1	BERLIN PACKAGING LLC BERLIN PACKAGING LLC 11/07/25		03/31/2020	Redemption 100.0000			50,219	50,219	50,128		149		149		50,219				504	11/07/2025	4FE
..08579J-BC-5	BERRY PLASTICS GROUP INC BERRY PLASTICS GROUP INC 08/15/26		01/07/2020	Tax Free Exchange			18,389,201	18,432,375	18,386,294		80		80		18,389,201				49,638	08/15/2026	3FE
..08579J-BE-1	BERRY PLASTICS GROUP INC BERRY PLASTICS GROUP INC 01/19/24		03/31/2020	Redemption 100.0000			3,368	3,368	3,375		(7)		(7)		3,368				35	01/19/2024	3FE
..08579J-BF-8	BERRY GLOBAL INC Term Y 07/01/26		03/31/2020	Redemption 100.0000			46,313	46,313	46,204		108		108		46,313				482	07/01/2026	3FE
..09228H-AB-5	FLIGHT BUYER LLC SR-UNSEC First Lien Delayed Draw Term L 04/08/26		01/01/2020	Redemption 100.0000			1,500	1,500	1,500						1,500					04/08/2026	4Z
..09228H-AD-1	FLIGHT BUYER LLC SR-UNSEC First Lien Initial Term Loan 04/08/26		01/01/2020	Redemption 100.0000			30,000	30,000	30,000						30,000					04/08/2026	4Z
..10153K-AC-3	Boulder scientific Initial Term Loan 12/31/25		01/02/2020	Redemption 100.0000			25,000	25,000	24,750		234		234		25,000				9	12/31/2025	2PL
..10330J-AU-2	BOYD GAMING CORP BOYD GAMING CORP 09/15/23		01/16/2020	Redemption 100.0000			501,747	501,747	502,791		(626)		(626)		501,747				749	09/15/2023	3FE
..10801X-AG-2	BRIGHTVIEW LANDSCAPES BRIGHTVIEW LANDSCAPES 08/15/25		03/31/2020	Redemption 100.0000			43,781	43,781	43,531		216		216		43,781				466	08/15/2025	4FE
..10954B-AC-4	BRILLIO LLC Initial Term Loan 02/06/25		03/31/2020	Redemption 100.0000			22,279	22,279	22,056		197		197		22,279				362	02/06/2025	2PL

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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
11132V-AN-9	BROADSTREET PARTNERS INC BROADSTREET PARTNERS INC 11/08/23		01/28/2020	Tax Free Exchange		9,012,765	9,033,848	9,006,912	9,012,314		450		450		9,012,765				33,884	11/08/2023	4FE
11517#-AA-7	BROWN & JOSEPH LLC Initial Term Loan 06/20/24		01/01/2020	TWIN BROOK CAPITAL PARTNERS LL		3,464,967	3,462,066	3,427,445	3,430,571		(23)		(23)		3,430,547		34,420	34,420		06/20/2024	3Z
11517#-AA-7	BROWN & JOSEPH LLC Initial Term Loan 06/20/24		03/31/2020	Redemption 100.0000		19,064	19,064	18,873	14,295		178		178		19,064				305	06/20/2024	3PL
11517#-AA-7	BROWN & JOSEPH LLC Initial Term Loan 06/20/24		01/17/2020	Redemption 100.0000		217,875	217,875	215,696	215,557		2,319		2,319		217,875					06/20/2024	3Z
12506K-AE-9	ENTERCOM MEDIA CORP CBS RADIO INC 11/17/24		03/31/2020	Redemption 100.0000		43,513	43,513	43,474	43,470		42		42		43,513				325	11/17/2024	3FE
12509N-AB-6	CDI ACQUISITIONCO INC Revolver 12/24/24		01/04/2020	No Broker			9,333,333	9,240,000	9,238,334		1,666		1,666		9,240,000					12/24/2024	2PL
12509N-AC-4	CDI ACQUISITIONCO INC Initial Term Loan 12/24/24		03/31/2020	Redemption 100.0000		93,750	93,750	92,813	92,800		950		950		93,750				1,526	12/24/2024	2PL
12512K-AG-6	CDS US INTERMEDIATE HOLD CDS US INTERMEDIATE HOLD 07/08/22		03/31/2020	Redemption 100.0000		17,446	17,446	8,824	17,468		8,620	8,642	(22)		17,446				251	07/08/2022	5FE
12541R-AR-4	CHG HEALTHCARE SERVICES INC CHG HEALTHCARE SERVICES INC 06/07/23		03/31/2020	Redemption 100.0000		68,865	68,865	69,353	69,186		(322)		(322)		68,865				815	06/07/2023	4FE
12546F-AB-8	CHG PPC PARENT LLC CHG PPC PARENT LLC 03/31/25		03/31/2020	Redemption 100.0000		8,375	8,375	8,354	8,359		16		16		8,375				94	03/31/2025	4FE
12594E-AD-8	CHG HEALTHCARE SERVICES INC CHG HEALTHCARE SERVICES INC 01/22/23		03/31/2020	Redemption 100.0000		51,791	51,791	51,996	51,897		(106)		(106)		51,791				614	01/22/2023	4FE
15911A-AC-7	CHANGE HEALTHCARE HOLDINGS CHANGE HEALTHCARE HOLDINGS 03/01/24		02/28/2020	Redemption 100.0000		350,275	350,275	350,132	350,195		81		81		350,275				1,619	03/01/2024	4FE
16706E-AC-6	CHI DOORS HOLDINGS CORP CHI DOORS HOLDINGS CORP 07/31/22		03/31/2020	Redemption 100.0000		53,262	53,262	53,245	53,258		3		3		53,262				664	07/31/2022	4FE
18271*-AA-2	CLARUS GLASSBOARDS LLC Term Loan A 06/06/24		01/01/2020	MIDWEST CAN COMPANY		3,462,617	3,491,139	3,472,029	3,476,351		71		71		3,476,423		(13,806)	(13,806)		06/06/2024	3PL
18271*-AA-2	CLARUS GLASSBOARDS LLC Term Loan A 06/06/24		01/09/2020	Redemption 0.0000					(134)		134		134							06/06/2024	3PL
18449E-AE-0	CLEAN HARBORS INC CLEAN HARBORS INC 06/28/24		03/31/2020	Redemption 1000.0000		335,859	33,586	33,572	33,575		302,284		302,284		335,859				291	06/28/2024	3FE
18913E-AB-3	ALPHABET HOLDING CO INC ALPHABET HOLDING CO INC 09/28/24		03/31/2020	Redemption 100.0000		73,125	73,125	72,759	72,868		257		257		73,125				958	09/28/2024	4FE
19286#-AD-3	COLD SPRING BREWING CO Term B Loan 12/19/25		01/07/2020	Redemption 100.0000		743,836	743,836	736,397	736,419		7,417		7,417		743,836					12/19/2025	3Z
20007*-AA-9	COMAR HLDG CO LLC Term Loan 06/18/24		01/10/2020	Redemption 100.0000		(37,500)	(37,500)	(37,125)	(37,500)						(37,500)					06/18/2024	3PL
20007*-AC-5	COMAR HLDG CO LLC Revolver 06/18/24		01/23/2020	Redemption 100.0000		1,793,691	1,793,691	1,793,691	1,793,691						1,793,691				(958)	06/18/2024	3PL
20337E-AQ-4	COMMSCOPE INC COMMSCOPE INC 04/04/26		03/31/2020	Redemption 100.0000		37,063	37,063	36,692	36,715		347		347		37,063				462	04/04/2026	4FE
21718@-AB-3	COP GNAP HLDGS-INC. Term Loan A 11/01/24		01/22/2020	Redemption 0.0000					(20)		20		20							11/01/2024	3PL
21718@-AB-3	COP GNAP HLDGS-INC. Term Loan A 11/01/24		01/01/2020	Redemption 100.0000		2,361	2,361	2,338	2,341		20		20		2,361					11/01/2024	3PL
21718@-AB-3	COP GNAP HLDGS-INC. Delayed Draw Term Loan 11/01/24		01/01/2020	Redemption 100.0000		1,389	1,389	1,389	1,389						1,389					11/01/2024	3PL
21718@-AC-1	DTZ US BORROWER LLC DTZ US BORROWER LLC 11/01/24		01/01/2020	Redemption 100.0000		1,389	1,389	1,389	1,389						1,389					11/01/2024	3PL
23340D-AN-2	DAVITA INC DAVITA INC 08/21/25		01/31/2020	Tax Free Exchange		77,003,798	77,321,250	76,934,644	76,998,942		4,856		4,856		77,003,798				(15,833)	08/21/2025	3FE
23918V-AX-2	DAVITA INC DAVITA INC 08/12/26		02/14/2020	Tax Free Exchange		14,454,547	14,488,688	14,452,466	14,453,896		652		652		14,454,547				70,902	08/12/2026	3FE
23918V-AY-0	DAVITA INC Term B 08/12/26		03/31/2020	Redemption 100.0000		36,222	36,222	36,136	36,136		85		85		36,222				159	08/12/2026	3FE
25277B-AB-4	DIAMOND SPORTS GROUP LLC DIAMOND SPORTS GROUP LLC 08/24/26		03/31/2020	Redemption 100.0000		24,625	24,625	24,502	24,507		118		118		24,625				327	08/24/2026	3FE
25403#-AG-1	DILIGENT CORP Tranche B-4 Delayed Draw Term 04/14/22		01/01/2020	Redemption 100.0000		3,208	3,208	3,208	3,208						3,208				62	04/14/2022	3Z

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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
26658N-AC-3	ENGINEERED MACHINERY HOL ENGINEERED MACHINERY HOL 07/19/24		03/31/2020	Redemption	100.0000	55,000	55,000	55,030	55,022		(22)		(22)		55,000				.687	07/19/2024	4FE
26828K-AB-6	GOPHER RESOURCE LLC GOPHER RESOURCE LLC 03/06/25		03/31/2020	Redemption	100.0000	35,946	35,946	35,749	35,768		178		178		35,946				.448	03/06/2025	4FE
28047H-AC-2	EDGEWOOD PARTNERS HLDGS LLC Initial Term Loan (First Lien) 09/08/24		01/01/2020	Redemption	100.0000	49,854	49,854	49,656	49,714		139		139		49,854				.19	09/08/2024	3PL
28656L-AN-1	ELIASSEN GROUP LLC Initial Term B Loan 11/05/24		01/01/2020	Redemption	0.0000	3,466,766	3,495,609	3,478,130	3,480,567		17		17		3,480,585		(13,819)	(13,819)		11/05/2024	2Z
28656L-AN-1	ELIASSEN GROUP LLC Initial Term B Loan 11/05/24		01/07/2020	Redemption	0.0000				(.45)		45		45							11/05/2024	2Z
29273P-AE-3	PHYSICIANS ENDOSCOPY-L.L.C. First Amendment Delayed Draw T 08/18/23		01/01/2020	Redemption	100.0000	10,657	10,657	10,657	10,657						10,657					08/18/2023	3PL
29373U-AC-5	ENVISION HEALTHCARE CORP ENVISION HEALTHCARE CORP 10/10/25		03/31/2020	Redemption	100.0000	117,500	117,500	117,206	117,250		250		250		117,500				1,614	10/10/2025	4FE
29788#-AD-5	E2OPEN LLC SR-UNSEC 11/26/24		02/28/2020	Redemption	100.0000	75,000	75,000	74,250	74,300		700		700		75,000				1,452	11/26/2024	4PL
30233F-AF-9	EYEMART EXPRESS LLC EYEMART EXPRESS LLC 08/05/24		03/31/2020	Redemption	100.0000	8,000	8,000	7,980	7,986		14		14		8,000				.48	08/05/2024	4FE
31560H-AC-3	FETCH ACQUISITION LLC SR-UNSEC 05/22/24		03/31/2020	Redemption	100.0000	49,813	49,813	49,563	49,643		170		170		49,813				.858	05/22/2024	4FE
31732F-AM-8	FILTRATION GROUP CORP FILTRATION GROUP CORP 03/28/25		03/31/2020	Redemption	100.0000	6,125	6,125	6,110	6,113		12		12		6,125				.73	03/28/2025	4FE
31740M-AC-5	FINANCIAL & RISK US HOLD FINANCIAL & RISK US HOLD 10/01/25		03/31/2020	Redemption	100.0000	158,750	158,750	158,414	158,414		336		336		158,750				1,980	10/01/2025	4FE
33936H-AH-5	FLEX ACQUISITION CO INC FLEX ACQUISITION CO INC 06/30/25		01/08/2020	Redemption	100.0000				.57		71		71		128		(128)	(128)	138,173	06/30/2025	4FE
35041#-AA-3	FOUNDATION RISK PARTNERS CORP SR-UNSEC 11/10/23		01/04/2020	Redemption	100.0000	38,242	38,242	37,868	37,835		406		406		38,242					11/10/2023	3PL
35041#-AB-1	FOUNDATION RISK PARTNERS CORP Revolver 11/10/23		02/11/2020	Redemption	100.0000	2,400,000	2,400,000	2,400,000	2,400,000						2,400,000				13,535	11/10/2023	3PL
35041#-AC-9	FOUNDATION RISK PARTNERS CORP SR-UNSEC 11/10/23		01/04/2020	Redemption	100.0000	7,758	7,758	7,751	7,740		18		18		7,758					11/10/2023	3PL
35645#-AA-3	FREEDOM US ACQUISITION CORP First Lien Initial Term Loan 11/10/20		03/12/2020	Redemption	100.0000	636,646	643,077	636,646	641,829		268		268		642,097		(5,450)	(5,450)		11/10/2020	3PL
35645#-AA-3	FREEDOM US ACQUISITION CORP First Lien Initial Term Loan 11/10/20		01/01/2020	Redemption	100.0000	5,382	5,382	5,328	5,372		10		10		5,382					11/10/2020	4
35645#-AC-9	FREEDOM US ACQUISITION CORP Incremental Term Loan 11/10/20		03/12/2020	Redemption	100.0000	4,940,708	4,975,568	4,926,491	4,962,675		2,774		2,774		4,965,450		(24,742)	(24,742)		11/10/2020	3PL
35645#-AC-9	FREEDOM US ACQUISITION CORP Incremental Term Loan 11/10/20		01/01/2020	Redemption	100.0000	11,534	11,534	11,420	11,506		28		28		11,534					11/10/2020	4
35645#-AD-7	FREEDOM US ACQUISITION CORP Second Amendment Incremental T 11/10/20		03/12/2020	Redemption	100.0000	6,015,240	6,076,000	6,015,240	6,056,234		4,279		4,279		6,060,513		(45,273)	(45,273)		11/10/2020	3PL
36174#-AB-9	GLOBAL KNOWLEDGE TRAINING-LLC SR-SEC 01/30/21		01/01/2020	Redemption	100.0000	25,000	25,000	25,000	25,000						25,000				103	01/30/2021	5FE
36740U-AP-7	GATES GLOBAL LLC GATES GLOBAL LLC 04/01/24		03/31/2020	Redemption	100.0000	87,339	87,339	87,732	87,613		(274)		(274)		87,339				.643	04/01/2024	4FE
37233#-AD-9	PRECISION AVIATION GROUP INC Delayed Draw Term Loan 07/24/24		01/01/2020	Redemption	100.0000	3,671	3,671	3,634			37		37		3,671					07/24/2024	3PL
37244#-AA-2	GENSERVE LLC Term A Loan 04/12/24		01/09/2020	Redemption	100.0000	(42,500)	(42,500)	(42,500)	(42,500)						(42,500)					04/12/2024	3PL
37244#-AB-0	GENSERVE LLC Delayed Draw Term Loan 04/12/24		01/11/2020	Redemption	100.0000	(7,374)	(7,374)	(7,374)	(7,374)						(7,374)					04/12/2024	3PL
37249U-AN-6	GENTIVA HEALTH SERVICES GENTIVA HEALTH SERVICES 07/02/25		01/23/2020	Tax Free Exchange		21,307,731	21,462,454	21,272,430	21,305,544		2,187		2,187		21,307,731				.72,957	07/02/2025	4FE
38268P-AB-7	DG INVESTMENT INTERMEDI DG INVESTMENT INTERMEDI 02/03/25		03/31/2020	Redemption	100.0000	45,925	45,925	46,008	45,984		(59)		(59)		45,925				.544	02/03/2025	4FE
38723B-AB-7	GRANITE ACQUISITION INC GRANITE ACQUISITION INC 12/17/21		03/31/2020	Redemption	100.0000	(324,863)	(324,863)	(328,519)	(324,189)		(674)		(674)		(324,863)				2,552	12/17/2021	4FE

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										11	12	13	14	15							
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38742E-AB-8	SCS HOLDINGS I INC SCS HOLDINGS I INC 07/03/26		02/04/2020	Tax Free Exchange Redemption 100.0000		12,011,526	12,039,500	12,009,401	12,011,060		465		465		12,011,526				62,716	07/03/2026	4FE
38742E-AD-4	SCS HOLDINGS I INC TERM GREATBATCH LTD GREATBATCH LTD 10/27/22		03/31/2020	Redemption 100.0000		30,099	30,099	30,029			70		70		30,099				257	07/03/2026	3FE
39154E-AG-6	H.B. FULLER CO H.B. FULLER CO 10/27/22		01/07/2020	Redemption 100.0000		(160,359)	(160,359)	(161,079)	(160,359)						(160,359)					10/27/2022	4FE
40409V-AR-5	HAMILTON HOLDCO LLC HAMILTON HOLDCO LLC 10/21/24		02/28/2020	Redemption 100.0000		275,116	275,116	275,848	275,673		(557)		(557)		275,116				1,982	10/21/2024	3FE
40739E-AB-9	HD SUPPLY INC HD SUPPLY INC 10/17/23		03/10/2020	Tax Free Exchange Redemption 100.0000		20,398,907	20,439,398	20,388,300	20,397,677		1,230		1,230		20,398,907					07/02/2025	3FE
42206J-AT-9			03/31/2020	Redemption 100.0000		4,875	4,875	4,851	4,856		19		19		4,875				42	10/17/2023	3FE
42804V-AS-0	HERTZ CORP HERTZ CORP/THE HIGH RIDGE BRANDS CO Term Loan 06/30/22		03/31/2020	Redemption 100.0000		47,640	47,640	47,461	47,542		98		98		47,640				534	06/30/2023	3FE
42979A-AG-1	HOSTESS BRANDS LLC HOSTESS BRANDS LLC 08/03/25		01/02/2020	Tax Free Exchange Redemption 0.0000		266,051	700,135	266,051	266,051						266,051				(10,371)	06/30/2022	4PL
44108H-AJ-0	HUB INTERNATIONAL LTD HUB INTERNATIONAL LTD 04/25/25		03/31/2020	Redemption 100.0000		37,320	37,320	36,767	36,846		474		474		37,320				756	04/25/2025	4FE
44332E-AP-1	HUB INTERNATIONAL LTD HUB INTERNATIONAL LTD 04/25/25		03/31/2020	Redemption 100.0000		5,625	5,625	5,541	5,542		83		83		5,625				78	04/25/2025	4FE
44332E-AT-3	IAA SPINCO INC IAA SPINCO INC 06/28/26		03/31/2020	Redemption 100.0000		14,000	14,000	13,965	13,967		33		33		14,000				116	06/28/2026	3FE
44932U-AB-0			03/31/2020	Redemption 100.0000		75,250	75,250	75,062	75,098		152		152		75,250				703	06/11/2025	3FE
44969C-BJ-8	ISC PURCHASER LLC SR-UNSEC 07/11/25		03/31/2020	Redemption 100.0000		37,500	37,500	37,031	37,060		440		440		37,500				658	07/11/2025	3PL
45012#-AA-5			03/31/2020	Redemption 100.0000		30,375	30,375	30,095	30,110		265		265		30,375				398	09/24/2026	4FE
45173J-AK-0	IMPLEMENTATION MGMT ASSISTANCE Initial Term Loan 12/13/23		03/31/2020	Redemption 100.0000		25,000	25,000	24,750	24,649		351		351		25,000				391	12/13/2023	2PL
45320*-AA-6	IMPLEMENTATION MGMT ASSISTANCE Initial Delayed Draw Term Loan 12/13/23		03/31/2020	Redemption 100.0000		109,770	109,770	109,770	109,770						109,770				946	12/13/2023	2PL
45320*-AB-4	INEOS US FINANCE LLC INEOS US FINANCE LLC 03/31/24		03/31/2020	Redemption 100.0000		33,750	33,750	33,927	33,878		(128)		(128)		33,750				304	03/31/2024	3FE
45672J-AK-6			03/31/2020	Redemption 100.0000		101,882	101,882	101,826	101,857		25		25		101,882				1,209	02/01/2022	4FE
45672L-AE-5	INFOR US INC INFOR US INC INNHANCE TECHNOLOGIES HLDGS LLC Initial Term Loan 07/16/24		01/02/2020	Redemption 100.0000		35,407	35,407	35,230	35,265		142		142		35,407				697	07/16/2024	3PL
45719@-AA-3	INNHANCE TECHNOLOGIES HLDGS LLC Delayed Draw Term Loan 07/16/24		01/02/2020	Redemption 100.0000		2,729	2,729	2,729	2,729						2,729				54	07/16/2024	3PL
45719@-AB-1	INOVALON HOLDINGS INC INOVALON HOLDINGS INC 04/02/25		01/07/2020	Redemption 100.0000		99,375	99,375	97,884	98,207		1,168		1,168		99,375				1	04/02/2025	4FE
45781B-AE-5	INOVALON HOLDINGS INC INOVALON HOLDINGS INC 04/02/25		02/13/2020	Tax Free Exchange Redemption 100.0000		36,698,718	37,125,689	36,568,803	36,689,321		9,397		9,397		36,698,718				296,642	04/02/2025	4FE
45781B-AE-5	SOUND INPATIENT PHYSICIA SOUND INPATIENT PHYSICIA 06/28/25		03/31/2020	Redemption 100.0000		20,638	20,638	20,473	20,497		141		141		20,638				231	06/28/2025	4FE
46322E-AB-9	JAGUAR HOLDING CO II JAGUAR HOLDING CO II 08/18/22		03/31/2020	Redemption 100.0000		56,059	56,059	55,845	55,885		174		174		56,059				586	08/18/2022	4FE
47009Y-AK-3	JENSEN HUGHES INC Delayed Draw Term Loan 12/06/21		01/02/2020	Redemption 100.0000		3,760	3,760	3,760	3,760						3,760				2	12/06/2021	3PL
47630E-AB-4	JENSEN HUGHES INC Term Loan 03/22/24		01/22/2020	Redemption 100.0000				(346)			346		346							03/22/2024	3PL
47630E-AD-0	JENSEN HUGHES INC Term Loan 03/22/24		01/02/2020	Redemption 100.0000		20,505	20,505	20,301	20,390		115		115		20,505				1	03/22/2024	3PL
47630E-AD-0	JENSEN HUGHES INC Term Loan 03/22/24		01/22/2020	Redemption 100.0000				(115)			115		115							03/22/2024	5GI

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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
47630E-AE-8	JENSEN HUGHES INC 2018 Incremental Term Loan 03/22/24		01/02/2020	Redemption	100.0000	7,392	7,392	7,324	7,341		51		51		7,392				3	03/22/2024	3PL
47630E-AJ-7	JENSEN HUGHES INC SR-UNSEC 03/22/24		01/02/2020	Redemption	100.0000	6,247	6,247	6,247	6,247						6,247				3	03/22/2024	3PL
48244E-AJ-3	KUEHG CORP KUEHG CORP 02/21/25		03/31/2020	Redemption	100.0000	46,178	46,178	45,912	45,951		227		227		46,178				665	02/21/2025	4FE
48268J-AB-0	KSLB HLDGS LLC Revolver 07/30/23		03/27/2020	Redemption	100.0000	3,333,333	3,333,333	3,333,333	2,239,583						3,333,333				31,109	07/30/2023	3PL
48268J-AC-8	KSLB HLDGS LLC Initial Term Loan 07/30/25		01/01/2020	ANTARES		3,439,406	3,491,184	3,456,272	3,462,136		75		75		3,462,210		(22,804)	(22,804)		07/30/2025	3PL
48268J-AC-8	KSLB HLDGS LLC Initial Term Loan 07/30/25		03/31/2020	Redemption	100.0000	66,184	66,184	65,522	65,633		551		551		66,184				461	07/30/2025	3PL
48283*-AA-5	KABAFUSION HLDGS LLC First Lien Initial Term Loan 01/28/25		03/31/2020	Redemption	100.0000	22,500	22,500	22,500	22,500						22,500				324	01/28/2025	2PL
48562R-AL-3	KAR AUCTION SERVICES INC KAR AUCTION SERVICES INC 09/19/26		03/31/2020	Redemption	100.0000	10,601	10,601	10,554	10,556		45		45		10,601				80	09/19/2026	4FE
48853U-AJ-6	KENAN ADVANTAGE GROUP KENAN ADVANTAGE GROUP 08/01/22		03/31/2020	Redemption	100.0000	44,802	44,802	44,711	44,760		42		42		44,802				530	08/01/2022	4FE
48853U-AZ-3	KENAN ADVANTAGE GROUP KENAN ADVANTAGE GROUP 07/29/22		03/31/2020	Redemption	100.0000	(30,641)	(30,641)	(30,576)	(30,651)		10		10		(30,641)				127	07/29/2022	4FE
48881#-AB-5	KENE ACQUISITION INC First Lien Term B Loan 08/08/26		03/31/2020	Redemption	100.0000	6,161	6,161	6,130	6,131		29		29		6,161				88	08/08/2026	3PL
48881#-AC-3	KENE ACQUISITION INC First Lien Delayed Draw Term L 08/08/26		01/23/2020	Redemption	0.0000				(285)											08/08/2026	1
48881#-AC-3	KENE ACQUISITION INC First Lien Delayed Draw Term L 08/08/26		03/31/2020	Redemption	100.0000	295	295	295	295						295				1	08/08/2026	3PL
48881#-AD-1	KENE ACQUISITION INC First Lien Initial Revolver 08/08/24		01/17/2020	Redemption	100.0000	437,500	437,500	437,500	437,500						437,500					08/08/2024	3Z
49911#-AA-9	J. KNIPPER AND CO INC Term Loan 10/01/25		03/31/2020	Redemption	100.0000	15,919	15,919	15,760	15,765		154		154		15,919				290	10/01/2025	4Z
49911#-AB-7	J. KNIPPER AND CO INC Revolver 10/01/25		01/11/2020	Redemption	100.0000				(196,078)											10/01/2025	4Z
49911#-AB-7	J. KNIPPER AND CO INC Revolver 10/01/25		01/11/2020	Redemption	0.0000				(196,078)											10/01/2025	4Z
50215L-AA-7	LRN CORP Closing Date Term Loan 12/17/25		03/31/2020	Redemption	100.0000	266,250	266,250	263,588	263,895		2,355		2,355		266,250				4,813	12/17/2025	4PL
50217U-AS-6	LTI HOLDINGS INC LTI HOLDINGS INC 09/08/25		03/31/2020	Redemption	100.0000	25,188	25,188	25,137	25,145		43		43		25,188				330	09/08/2025	4FE
50219N-AC-5	LSCS HLDGS INC First Lien Initial Term Loan 03/12/25		03/31/2020	Redemption	100.0000	9,977	9,977	9,927	9,937		39		39		9,977				159	03/12/2025	4FE
50219N-AE-1	LSCS HLDGS INC First Lien Delayed Draw Term L 03/12/25		03/31/2020	Redemption	100.0000	2,790	2,790	2,790	2,790						2,790				45	03/12/2025	4FE
513076-AZ-2	LAMAR MEDIA CORP LAMAR MEDIA CORP 03/14/25		02/06/2020	Redemption	100.0000	5,526,563	5,526,563	5,519,654	5,521,273		5,289		5,289		5,526,563				16,954	03/14/2025	2FE
53627M-AB-9	LIONS GATE CAPITAL HOLD LIONS GATE CAPITAL HOLD 03/24/25		03/31/2020	Redemption	100.0000	21,672	21,672	21,672	21,672						21,672				215	03/24/2025	4FE
53631U-AF-6	LIQUI-BOX HLDGS INC SR-UNSEC 10/01/21		03/17/2020	DIRECT WITH COUNTERPARTY FIXED																10/01/2021	5
53631U-AF-6	LIQUI-BOX HLDGS INC SR-UNSEC 10/01/21		02/27/2020	Redemption	100.0000	8,512,606	8,512,606	8,475,774	8,497,008		15,598		15,598		8,512,606				271,460	10/01/2021	5
55282C-AB-2	MAG DS CORP SR-UNSEC 06/06/25		03/31/2020	Redemption	100.0000	37,688	37,688	37,312	37,371		317		317		37,688				613	06/06/2025	3PL
55292S-AB-5	MBS HLDGS INC First Lien Term Loan 07/02/23		03/31/2020	Redemption	100.0000	37,500	37,500	37,313	37,366		134		134		37,500				361	07/02/2023	3PL
55303K-AC-7	MGM GROWTH PROPERTIES MGM GROWTH PROPERTIES 03/23/25		02/13/2020	Redemption	100.0000	37,885,773	37,885,773	37,907,131	37,900,116		(14,343)		(14,343)		37,885,773				178,781	03/23/2025	3FE
55314N-AL-8	MKS INSTRUMENTS INC MKS INSTRUMENTS INC 02/01/26		03/31/2020	Redemption	100.0000	63,338	63,338	63,586	63,576		(239)		(239)		63,338				167	02/01/2026	3FE

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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
55357G-AF-4	MSHC INC Initial Term Loan (First Lien) 12/31/24		03/31/2020	Redemption 100.0000		107,384	107,384	107,178	107,222		162		162		107,384				804	12/31/2024	3PL
55377V-AK-6	MTS SYSTEMS CORP MTS SYSTEMS CORP 07/05/23		03/16/2020	Redemption 100.0000		30,000	30,000	30,225	30,139		(139)		(139)		30,000				245	07/05/2023	3FE
55936#-AA-7	TRUMP CARD HLDGS LLC Term Loan A 04/21/22		01/01/2020	MADISON CAPITAL FUNDING		3,433,305	3,500,000	3,465,125	3,477,117		223		223		3,477,340		(44,035)	(44,035)	68,017	04/21/2022	2PL
55936#-AB-5	TRUMP CARD HLDGS LLC Revolver 04/21/22		02/21/2020	Redemption 100.0000		563,903	563,903	563,903	563,903						563,903				3,308	04/21/2022	2PL
56032Y-AE-9	MAILSOUTH INC SR-UNSEC 04/23/24		01/02/2020	Redemption 100.0000		53,250	53,250	52,745	52,864		386		386		53,250				1	04/23/2024	3PL
56032Y-AF-6	MAILSOUTH INC Revolver 04/24/23		01/31/2020	Redemption 100.0000		110,000	110,000	110,000							110,000				53	04/24/2023	3PL
56377@-AA-3	MANNA PRO PRODUCTS LLC Term Loan 12/08/23		03/31/2020	Redemption 100.0000		67,708	67,708	66,693	66,987		721		721		67,708				1,315	12/08/2023	3PL
56377@-AB-1	MANNA PRO PRODUCTS LLC Delayed Draw Term Loan 12/08/23		03/31/2020	Redemption 100.0000		40,625	40,625	40,625	40,625						40,625				789	12/08/2023	3PL
58174@-AA-4	MCKISSOCK LLC Closing Date Term Loan 05/01/25		03/31/2020	Redemption 100.0000		46,139	46,139	45,678	41,024		426		426		46,139				897	05/01/2025	3PL
58174@-AB-2	MCKISSOCK LLC Delayed Draw Term Loan 05/01/25		03/31/2020	Redemption 100.0000		6,373	6,373	6,373							6,373				124	05/01/2025	3PL
58174@-AC-0	MCKISSOCK LLC New Revolver 05/01/25		01/29/2020	Redemption 100.0000		328,767	328,767	328,767	328,767						328,767				504	05/01/2025	3PL
58711P-AQ-5	THE MEN'S WEARHOUSE INC THE MEN'S WEARHOUSE INC 04/09/25		02/03/2020	Redemption 100.0000		47,235	47,235	47,243	47,241		(6)		(6)		47,235				412	04/09/2025	4FE
58943P-AP-7	MEREDITH CORP MEREDITH CORP 01/31/25		02/24/2020	Tax Free Exchange		9,729,654	9,751,732	9,724,622	9,729,055		599		599		9,729,654				38,203	01/31/2025	3FE
59828*-AB-2	MIDWEST CAN CO LLC Initial Term Loan 04/11/24		03/02/2020	Redemption 100.0000		19,700,000	19,700,000	19,503,000	19,551,266		148,734		148,734		19,700,000				117,177	04/11/2024	3PL
60315G-AD-0	MINERALS TECHNOLOGIES INC MINERALS TECHNOLOGIES INC 05/07/21		02/11/2020	Redemption 100.0000		1,141,667	1,141,667	1,138,813	1,140,706		961		961		1,141,667					05/07/2021	3FE
60315G-AF-5	MINERALS TECHNOLOGIES INC MINERALS TECHNOLOGIES INC 02/14/24		03/31/2020	Redemption 100.0000		2,125	2,125	2,144	2,137		(12)		(12)		2,125				21	02/14/2024	3FE
605024-AQ-1	MISSION BROADCASTING INC MISSION BROADCASTING INC 01/17/24		01/02/2020	Redemption 100.0000		11,860	11,860	11,860	11,860						11,860				40	01/17/2024	3FE
60662W-AM-4	MITCHELL INTERNATIONAL MITCHELL INTERNATIONAL 11/29/24		03/31/2020	Redemption 100.0000		82,750	82,750	82,323	82,432		318		318		82,750				1,032	11/29/2024	4FE
60725#-AA-2	MOBILE COMMUNICATIONS AMERICA Initial Term Loan 03/04/25		02/13/2020	Redemption 0.0000					(160)		160		160						(199)	03/04/2025	4PL
60725#-AA-2	MOBILE COMMUNICATIONS AMERICA Initial Term Loan 03/04/25		03/31/2020	Redemption 100.0000		79,089	79,089	78,693	78,739		350		350		79,089				247	03/04/2025	4PL
60725#-AB-0	MOBILE COMMUNICATIONS AMERICA Revolver 03/04/25		02/24/2020	Redemption 100.0000		930,000	930,000	930,000	927,928						930,000				6,934	03/04/2025	3PL
62886V-AP-5	NCR CORP NCR CORP 08/28/26		03/31/2020	Redemption 100.0000		21,125	21,125	21,020	21,023		102		102		21,125				224	08/28/2026	3FE
62890H-AC-9	NS412 LLC Term Loan A 05/06/25		03/31/2020	Redemption 100.0000		41,250	41,250	40,838	40,873		377		377		41,250				1,100	05/06/2025	3PL
62898@-AB-9	NDC INTERMEDIATE HLDGS LLC Term Loan 02/01/22		03/31/2020	Redemption 100.0000		5,614	5,614	5,614	5,614						5,614				89	02/01/2022	3PL
62898@-AC-7	NDC INTERMEDIATE HLDGS LLC Delayed Draw Term Loan 02/01/22		03/31/2020	Redemption 100.0000		32,767	32,767	32,767	32,767						32,767				517	02/01/2022	3PL
62910P-AC-7	NFP CORP NFP CORP 01/05/24		01/15/2020	Redemption 0.0000				(248)	(579)		579		579							01/05/2024	4FE
62910P-AC-7	NFP CORP NFP CORP 01/05/24		02/20/2020	Tax Free Exchange		27,369,542	27,610,692	27,315,525	15,816,008		7,781		7,781		27,369,542				138,990	01/05/2024	4FE
62914D-AB-2	DRESSER NATURAL GAS SOLUTIONS SR-UNSEC 10/01/25		03/31/2020	Redemption 100.0000		12,450	12,450	12,388	12,397		53		53		12,450				187	10/01/2025	4PL
62922E-AC-8	NUYEY LLC Term Loan 09/14/24		01/02/2020	Redemption 100.0000		25,000	25,000	24,750	24,797		203		203		25,000					09/14/2024	2PL

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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							
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..62922E-AD-6	NUJEVE LLC Delayed Draw Term Loan 09/15/24		01/21/2020	Redemption 100.0000		23,836	23,836	23,836	20,336						23,836				.77	09/15/2024	2PL
..63773H-AE-5	NAT SPINE AND PAIN CENTERS LLC SR-UNSEC 06/02/24		03/31/2020	Redemption 100.0000		55,500	55,500	55,223	55,315		185		185		55,500				.474	06/02/2024	4L
..64029B-AD-0	LES ALIMENTS MULTIBAR INC. SR-UNSEC 12/23/21		01/02/2020	Redemption 100.0000		5,182	5,182	5,176	5,179		.3		.3		5,182					12/23/2021	4FE
..64029B-AE-8	LES ALIMENTS MULTIBAR INC. Refinancing Term A-1 Loan 12/23/21		01/02/2020	Redemption 100.0000		12,687	12,687	12,671	12,679		.8		.8		12,687					12/23/2021	4FE
..64127U-AX-5	NEUSTAR INC NEUSTAR INC 08/08/24		03/31/2020	Redemption 100.0000		6,875	6,875	6,886	6,884		(9)		(9)		6,875				.90	08/08/2024	4FE
..64127U-AY-3	NEUSTAR INC NEUSTAR INC 08/08/24		03/31/2020	Redemption 100.0000		24,625	24,625	24,133	24,191		434		434		24,625				.385	08/08/2024	4FE
..64431#-AB-7	NEW ERA TECHNOLOGY INC Initial Term Loan 09/24/25		01/01/2020	Redemption 100.0000		7,500	7,500	7,463	7,464		.36		.36		7,500					09/24/2025	4Z
..64431#-AC-5	NEW ERA TECHNOLOGY INC Revolver 09/24/25		03/09/2020	Redemption 100.0000		1,604,895	1,604,895	1,596,871	795,373		7,977		7,977		1,604,895				.8,527	09/24/2025	3PL
..64431#-AC-5	NEW ERA TECHNOLOGY INC Delayed Draw Term Loan (09/19) 09/24/25		01/01/2020	Redemption 100.0000		2,160	2,160	2,149	2,150		.10		.10		2,160					09/24/2025	4Z
..65336R-AU-2	NEXSTAR BROADCASTING INC NEXSTAR BROADCASTING INC 01/17/24		03/09/2020	Redemption 100.0000		5,471,836	5,471,836	5,471,836	5,471,836						5,471,836				.36,419	01/17/2024	3FE
..65340M-AN-3	NIACET CORP SR-UNSEC 02/01/24		03/31/2020	Redemption 100.0000		6,178	6,178	6,116	6,138		40		40		6,178				.97	02/01/2024	2PL
..65957#-AA-0	NORTH HAVEN CS ACQUISITION INC Term Loan 01/23/24		03/31/2020	Redemption 100.0000		37,500	37,500	37,125	37,182		318		318		37,500				.690	01/23/2024	3PL
..65960C-AB-0	NORTH HAVEN SPARTAN US HOLDCO Revolver 06/06/24		01/27/2020	Redemption 100.0000		1,000,000	1,000,000	1,000,000	800,000						1,000,000				.8,695	06/06/2024	3PL
..65960C-AC-8	NORTH HAVEN SPARTAN US HOLDCO Initial Term Loan 06/06/25		03/31/2020	Redemption 100.0000		49,138	49,138	48,647	48,674		464		464		49,138				.428	06/06/2025	3PL
..65960C-AD-6	NORTH HAVEN SPARTAN US HOLDCO Delayed Draw Term Loan 06/06/25		03/31/2020	Redemption 100.0000		1,422	1,422	1,408	1,408		.14		.14		1,422				.29	06/06/2025	3PL
..665730-A*-8	NORTHERN STAR INDUSTRIES INC SR-UNSEC 03/28/25		01/01/2020	Redemption 100.0000		35	35	35	(96)		131		131		35				.289	03/28/2025	4Z
..66989B-AC-5	NOVARIA HLDGS LLC SR-UNSEC 12/19/24		01/27/2020	Redemption 100.0000		14,137,123	14,137,123	13,995,752	14,007,102		130,021		130,021		14,137,123				.69,267	12/19/2024	2PL
..67103*-AA-3	ONS MSO, LLC First Lien Initial Term Loan 07/08/25		01/02/2020	Redemption 100.0000		25,000	25,000	24,750	24,766		234		234		25,000				.360	07/08/2025	4Z
..68162R-AD-3	WEST CORP WEST CORP 10/10/24		03/31/2020	Redemption 100.0000		14,375	14,375	14,357	14,361		.14		.14		14,375				.322	10/10/2024	4FE
..68218E-AH-7	ON SEMICONDUCTOR CORP ON SEMICONDUCTOR CORP 09/19/26		03/21/2020	Redemption 100.0000		8,688	8,688	8,666	8,666		22		22		8,688				.53	09/19/2026	3FE
..68248K-AC-8	ONE WORLD FITNESS PFF LLC Initial Term Loan 03/28/25		03/31/2020	Redemption 100.0000		98,942	98,942	97,952	98,029		913		913		98,942				.876	03/28/2025	2PL
..68558U-AC-0	ORBIT PURCHASER LLC Delayed Draw Term Loan 10/21/24		01/01/2020	Redemption 100.0000		9,898	9,898	9,903	9,903		(5)		(5)		9,898				(2)	10/21/2024	2PL
..68558U-AD-8	ORBIT PURCHASER LLC Initial Term Loan 10/21/24		01/01/2020	Redemption 100.0000		33,938	33,938	33,663	33,709		228		228		33,938				(6)	10/21/2024	2PL
..69012B-AB-2	OUTPUT SERVICES GROUP INC First Lien Term B Loan 03/26/24		03/31/2020	Redemption 100.0000		38,046	38,046	37,905	37,938		108		108		38,046				.713	03/26/2024	4FE
..69315J-AC-7	PAI HOLDCO INC SR-UNSEC 01/05/25		01/01/2020	CHURCHILL CLO IV Redemption 100.0000		3,471,148	3,491,749	3,456,832	3,469,360		30		30		3,469,390		1,758	1,758		01/05/2025	4PL
..69315J-AC-7	PAI HOLDCO INC SR-UNSEC 01/05/25		03/31/2020	Redemption 100.0000		40,358	40,358	40,228	40,074		284		284		40,358				.650	01/05/2025	4PL
..69315J-AD-5	PAI HOLDCO INC Delayed Draw Term Loan 01/05/25		03/31/2020	Redemption 100.0000		13,706	13,706	13,706	13,706						13,706				.215	01/05/2025	4PL
..69353F-AX-2	PQ CORP PQ CORP 02/08/25		01/03/2020	Redemption 0.0000					.778		(778)		(778)						(.301)	02/08/2025	4FE
..69396@-AB-1	PPT MGMT HLDGS LLC SR-UNSEC 12/16/22		01/02/2020	Redemption 100.0000		38,703	38,703	38,359	38,489		213		213		38,703				.331	12/16/2022	4PL

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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
..69408#-AA-7	PT SOLUTIONS Initial Term Loan 06/01/23		03/31/2020	Redemption	100.0000	18,974	18,974	18,784	15,192		187		187		18,974				220	06/01/2023	2PL
..69519U-AC-6	PACKERS HOLDINGS LLC PACKERS HOLDINGS LLC 12/04/24		03/31/2020	Redemption	100.0000	33,191	33,191	33,114	33,126		65		65		33,191				419	12/04/2024	4FE
..69946E-AT-8	PAREXEL INTL CORP PAREXEL INTL CORP 09/27/24		01/01/2020	Redemption	100.0000	13,250	13,250	13,184	13,204		46		46		13,250					09/27/2024	4FE
..70215E-AN-3	PARTY CITY HOLDINGS INC PARTY CITY HOLDINGS INC 08/19/22		01/15/2020	Redemption	0.0000				47		(47)		(47)						(18)	08/19/2022	3FE
..70215E-AN-3	PARTY CITY HOLDINGS INC PARTY CITY HOLDINGS INC 08/19/22		03/31/2020	Redemption	100.0000	65,007	65,007	31,462	65,127		33,491	33,612	(121)		65,007				640	08/19/2022	4FE
..70359M-AB-7	PAULA'S CHOICE ACQUISITIONCO I Initial Term Loan 10/16/23		01/31/2020	Redemption	100.0000	339,095	339,095	337,400	337,701		1,394		1,394		339,095				677	10/16/2023	3PL
..70439B-AC-6	PAYMENT ALLIANCE Initial Revolver 01/31/24		02/25/2020	Redemption	100.0000	8,700,000	8,700,000	8,700,000	900,000						8,700,000				29,705	01/31/2024	3PL
..70738B-AS-3	PENN ENGINEERING & MANUFAC PENN ENGINEERING & MANUFAC 06/27/24		02/28/2020	Redemption	100.0000	88,966	88,966	89,285	89,180		(215)		(215)		88,966				501	06/27/2024	4FE
..70757D-AV-1	PENN NATIONAL GAMING INC PENN NATIONAL GAMING INC 10/15/25		03/31/2020	Redemption	100.0000	51,250	51,250	51,200	51,208		42		42		51,250				510	10/15/2025	4FE
..71584#-AA-9	PET SUPPLIES PLUS LLC Term Loan 12/12/24		03/31/2020	Redemption	100.0000	25,000	25,000	24,750	24,787		213		213		25,000				276	12/12/2024	3PL
..71645X-AC-3	PETROCHOICE HOLDINGS INC PETROCHOICE HOLDINGS INC 08/21/22		03/31/2020	Redemption	100.0000	32,143	32,143	31,339	31,785		358		358		32,143				570	08/21/2022	4FE
..71712H-AB-8	PHARM-OLAM INTL LLC SR-UNSEC 02/01/23		01/01/2020	Redemption	100.0000	73,388	73,388	71,920	72,533		855		855		73,388				1,680	02/01/2023	4Z
..71714D-AF-6	ISOLOGIC INNOVATIVE RADIOPHARM SR-UNSEC 06/11/23		03/31/2020	Redemption	100.0000	2,435	2,435	2,429	2,430		4		4		2,435				35	06/11/2023	4PL
..71714D-AG-4	ISOLOGIC INNOVATIVE RADIOPHARM SR-UNSEC 06/11/23		01/01/2020	Redemption	100.0000	8,480	8,480	8,458	8,465		15		15		8,480					06/11/2023	5
..72584D-AE-4	KFC HOLDING CO KFC HOLDING CO 04/03/25		03/31/2020	Redemption	100.0000	19,886	19,886	19,935	19,924		(38)		(38)		19,886				173	04/03/2025	3FE
..72761J-AD-8	PLASTIPAK HOLDINGS INC PLASTIPAK HOLDINGS INC 10/15/24		02/07/2020	Redemption	100.0000	223,048	223,048	224,025	223,796		(748)		(748)		223,048				1,006	10/15/2024	3FE
..72811H-AC-4	RECESS HOLDINGS INC RECESS HOLDINGS INC 09/30/24		03/31/2020	Redemption	100.0000	24,735	24,735	24,695	24,708		27		27		24,735				340	09/30/2024	4FE
..72819Q-AM-4	PLAZE INC PLAZE INC 08/03/26		03/31/2020	Redemption	100.0000	21,500	21,500	21,393	21,398		102		102		21,500				370	08/03/2026	4FE
..73178T-AC-3	POLYMER SOLUTIONS GROUP LLC Initial Term Loan 11/26/26		03/31/2020	Redemption	100.0000	25,000	25,000	24,750	24,748		252		252		25,000				519	11/26/2026	3PL
..74274N-AC-7	PROAMPAC PG BORROWER LLC PROAMPAC PG BORROWER LLC 11/20/23		03/31/2020	Redemption	100.0000	43,011	43,011	43,369	43,258		(247)		(247)		43,011				534	11/20/2023	4FE
..74347C-AL-4	PROQUEST LLC PROQUEST LLC 10/23/26		03/31/2020	Redemption	100.0000	43,438	43,438	43,329	43,331		107		107		43,438				569	10/23/2026	4FE
..74839X-AF-6	QUIKRETE HOLDINGS INC QUIKRETE HOLDINGS INC 11/15/23		02/11/2020	Tax Free Exchange		16,847,094	16,839,009	16,852,285	16,847,357		(263)		(263)		16,847,094				65,967	11/15/2023	4FE
..74968E-AB-0	PIAB LLC Term Loan 03/02/22		02/07/2020	Tax Free Exchange		3,877,658	3,886,493	3,867,060	3,877,266		392		392		3,877,658				27,215	03/02/2022	3Z
..75621#-AA-5	RECIPE ACQUISITION CORP SR-UNSEC 09/30/22		03/31/2020	Redemption	100.0000	149,408	149,408	147,914	148,747		662		662		149,408				2,245	09/30/2022	3PL
..75703U-AH-8	RED VENTURES LLC TERM B 11/08/24		03/31/2020	Redemption	100.0000	7,595	7,595	7,595							7,595					11/08/2024	4FE
..75915T-AD-4	LIFEPOINT HEALTH INC TERM B 11/16/25		03/31/2020	Redemption	100.0000	1,615,291	1,615,291	1,619,330			(4,038)		(4,038)		1,615,291				6,485	11/16/2025	4FE
..76121Q-AC-0	RESOURCE LABEL GROUP LLC SR-UNSEC 05/26/23		01/02/2020	Redemption	100.0000	37,382	37,382	37,008	37,151		232		232		37,382				637	05/26/2023	3PL
..77313D-AN-1	BOPE ROVER MERGER SUB BOPE ROVER MERGER SUB 11/28/25		03/31/2020	Redemption	100.0000	11,375	11,375	11,318	11,325		50		50		11,375				171	11/28/2025	4FE
..78466D-BD-5	SS&C TECHNOLOGIES INC SS&C TECHNOLOGIES INC 04/16/25		01/31/2020	Redemption	100.0000	132,909	132,909	132,576	132,649		259		259		132,909				463	04/16/2025	3FE

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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
78466D-BD-5	SS&C TECHNOLOGIES INC SS&C TECHNOLOGIES INC 04/16/25		02/04/2020	Tax Free Exchange Redemption 100.0000		3,305,332	3,311,659	3,303,380	3,305,203		129		129		3,305,332				11,548	04/16/2025	3FE
78466D-BF-0	SS&C TECHNOLOGIES INC SS&C TECHNOLOGIES INC 04/16/25		03/31/2020			31,249	31,249	30,671			578		578		31,249				135	04/16/2025	3FE
78466D-BF-0	SS&C TECHNOLOGIES INC SS&C TECHNOLOGIES INC 04/16/25		02/04/2020	Tax Free Exchange Redemption 100.0000		12,016,734	12,243,308	11,971,357	12,013,022		3,712		3,712		12,016,734				42,692	04/16/2025	3FE
78481G-AB-4	STS HLDG INC SR-UNSEC 08/27/26		03/31/2020			7,500	7,500	7,369	7,374		126		126		7,500				122	08/27/2026	3PL
78484*-AA-9	SPI LLC SR-UNSEC 11/01/23		03/31/2020			25,250	25,250	24,998	25,049		201		201		25,250				432	11/01/2023	2PL
78485@-AA-6	SOS SECURITY HLDGS LLC Revolver 04/30/25		01/01/2020			1,431,343	1,431,343	1,431,343	1,431,343						1,431,343				8,941	04/30/2025	3Z
78485@-AB-4	SOS SECURITY HLDGS LLC Term Loan 04/30/25		01/01/2020			11,400,000	11,400,000	11,286,000	11,294,233		105,767		105,767		11,400,000				(960)	04/30/2025	3Z
784932-A*-6	SABA SOFTWARE INC Initial Term Loan 05/01/23		03/31/2020			50,386	50,386	49,879	50,080		306		306		50,386				781	05/01/2023	3PL
78571Y-BB-5	SABRE GLBL INC SABRE GLBL INC 02/22/24		03/31/2020			5,507	5,507	5,512	5,510		(3)		(3)		5,507				51	02/22/2024	3FE
79471X-AC-5	SALIENT CRGT INC SR-UNSEC 02/28/22		03/27/2020			125,000	125,000	122,500	123,767		1,233		1,233		125,000				2,587	02/28/2022	4FE
80306Y-AA-6	SAPPHIRE TELECOM INC Initial Term Loan 11/20/25		03/31/2020			50,000	50,000	49,500	49,125		875		875		50,000				1,729	11/20/2025	3PL
80358T-AC-0	PROMETRIC HOLDINGS INC PROMETRIC HOLDINGS INC 01/29/25		03/31/2020			17,684	17,684	17,611	17,625		59		59		17,684				210	01/29/2025	4FE
80413*-AA-1	SAUER BRANDS-INC. SUB-UNSEC 02/01/25		01/01/2020			18,240,000	18,240,000	18,240,000	18,240,000						18,240,000				1,334,957	02/01/2025	4Z
80585@-AA-1	Scaled agile closing Term Loan 06/28/24		03/31/2020			162,241	162,241	160,619	160,759		1,482		1,482		162,241				(794)	06/28/2024	2PL
80862Q-AD-3	SCIENCE APPLICATIONS INTERN SCIENCE APPLICATIONS INTERN 10/31/25		01/31/2020			37,500	37,500	37,313	37,341		159		159		37,500				115	10/31/2025	3FE
80875A-AP-6	SCIENTIFIC GAMES INTERNATIO SCIENTIFIC GAMES INTERNATIO 08/14/24		03/31/2020			157,356	157,356	158,024	157,849		(493)		(493)		157,356				2,287	08/14/2024	4FE
81527C-AL-1	SEDGWICK CMS INC SEDGWICK CMS INC 12/31/25		03/31/2020			50,000	50,000	49,875	49,890		110		110		50,000				623	12/31/2025	4FE
816194-AV-6	SELECT MEDICAL CORP SELECT MEDICAL CORP 03/06/25		03/05/2020			119,029	119,029	119,029	119,029						119,029				6	03/06/2025	3FE
81722K-AC-6	CHASE INDUSTRIES INC First Lien Initial Term Loan 05/11/25		03/31/2020			58,095	58,095	57,805	57,864		232		232		58,095				875	05/11/2025	5PL
81722K-AD-4	CHASE INDUSTRIES INC First Lien Delayed Draw Term L 05/11/25		03/31/2020			5,454	5,454	5,454	5,454						5,454				82	05/11/2025	5PL
81727P-AB-2	SENSATA TECHNOLOGIES INC SENSATA TECHNOLOGIES INC 09/20/26		03/31/2020			23,261	23,261	23,298	23,296		(35)		(35)		23,261				96	09/20/2026	2FE
83174#-AA-0	SMILE DOCTORS LLC Term A Loan 10/06/22		03/31/2020			60,251	60,251	60,062	60,921		115		115		60,251				26,577	10/06/2022	2PL
83174#-AB-8	SMILE DOCTORS LLC Delayed Draw Term Loan 10/06/22		01/31/2020			10,102,260	10,102,260	10,102,260	9,216,888						10,102,260				43,282	10/06/2022	2PL
83415Y-AA-8	SOLARAY LLC Term Loan 09/08/23		01/01/2020			47,694	47,694	47,318	47,460		234		234		47,694				7	09/08/2023	3Z
83415Y-AC-4	SOLARAY LLC Delayed Draw Term Loan 09/08/23		03/31/2020			77,166	77,166	77,166	77,166						77,166				676	09/08/2023	3PL
83415Y-AC-4	SOLARAY LLC Delayed Draw Term Loan 09/08/23		01/01/2020			10,549	10,549	10,549	10,549						10,549				(233)	09/08/2023	5
83415Y-AE-0	SOLARAY LLC First Amendment Additional Del 09/08/23		01/01/2020			17,008	17,008	17,008	17,008						17,008				34	09/08/2023	5
83421@-AA-3	Soliant Holdings LLC Revolver 12/31/24		02/21/2020			2,178,000	2,178,000	2,156,220			21,780		21,780		2,178,000				13,690	12/31/2024	4Z
84744B-AC-4	SPECIALIST RESOURCES GLOBAL IN Initial Term Loan 09/23/25		03/31/2020			6,688	6,688	6,621	6,623		64		64		6,688				117	09/23/2025	2PL

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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
..84763N-AB-6	KPEX HOLDINGS INC KPEX HOLDINGS INC 01/31/25		03/31/2020	Redemption	100.0000	19,508	19,508	19,484	19,490		19		19		19,508				243	01/31/2025	4FE
..84850X-AG-7	SPIN HOLDCO INC SPIN HOLDCO INC 11/14/22		03/31/2020	Redemption	100.0000	104,152	104,152	104,717	104,507		(355)		(355)		104,152				2,506	11/14/2022	4FE
..855031-AQ-3	STAPLES INC STAPLES INC 04/12/26		02/03/2020	Redemption	100.0000	123,438	123,438	121,101	121,289		2,148		2,148		123,438				1,455	04/12/2026	4FE
..85940X-AC-5	STERLING MIDCO HLDGS INC STERLING MIDCO HLDGS INC 06/19/24		03/31/2020	Redemption	100.0000	109,746	109,746	110,036	109,950		(204)		(204)		109,746				1,438	06/19/2024	4FE
..86276K-AC-5	STRATEGIC PARTNERS ACQ STRATEGIC PARTNERS ACQ 06/30/23		03/31/2020	Redemption	100.0000	16,150	16,150	16,230	16,205		(56)		(56)		16,150				222	06/30/2023	4FE
..86880N-AU-7	SURGERY CENTER HOLDINGS INC SURGERY CENTER HOLDINGS INC 09/03/24		03/31/2020	Redemption	100.0000	54,219	54,219	54,204	54,209		11		11		54,219				676	09/03/2024	4FE
..86980G-AC-1	SWANSON HEALTH PRODUCTS INC SR-UNSEC 01/22/21		03/03/2020	Redemption	100.0000	48,828	48,828	48,340	48,709		119		119		48,828				852	01/22/2021	3PL
..87422L-AM-2	TALEN ENERGY SUPPLY LLC TALEN ENERGY SUPPLY LLC 07/08/26		03/31/2020	Redemption	100.0000	25,625	25,625	25,369	25,383		242		242		25,625				352	07/08/2026	3FE
..87510E-AB-5	TAMKO BUILDING PRODUCTS INC TAMKO BUILDING PRODUCTS INC 05/31/26		03/31/2020	Redemption	100.0000	2,250	2,250	2,239	2,240		10		10		2,250				37	05/31/2026	4FE
..87817J-AE-8	TEAM HEALTH HOLDINGS INC TEAM HEALTH HOLDINGS INC 02/06/24		03/31/2020	Redemption	100.0000	73,778	73,778	73,483	73,584		194		194		73,778				827	02/06/2024	4FE
..88023H-AC-4	TEMPO ACQUISITION LLC TEMPO ACQUISITION LLC 05/01/24		03/31/2020	Redemption	100.0000	50,000	50,000	49,859	49,910		90		90		50,000				560	05/01/2024	4FE
..88233F-AK-6	VISTRA OPERATIONS CO LLC VISTRA OPERATIONS CO LLC 12/31/25		03/31/2020	Redemption	100.0000	117,047	117,047	116,909	116,934		113		113		117,047				1,016	12/31/2025	2FE
..88751E-AC-9	TINICUM VOLTAGE INTERMEDIATE H SR-UNSEC 11/22/24		03/31/2020	Redemption	100.0000	429,395	429,395	425,101	426,179		3,216		3,216		429,395				2,763	11/22/2024	3PL
..89334G-AX-2	TRANS UNION LLC TRANS UNION LLC 11/13/26		03/31/2020	Redemption	100.0000	1,314,801	1,314,801	1,314,324	1,314,280		521		521		1,314,801				(41,051)	11/13/2026	3FE
..89364M-BM-5	TRANSDIGM INC TRANSDIGM INC 08/22/24		02/07/2020	Tax Free Exchange		6,894,472	6,894,472	6,894,472	6,894,472						6,894,472				25,525	08/22/2024	4FE
..89364M-BN-3	TRANSDIGM INC TRANSDIGM INC 05/30/25		02/07/2020	Tax Free Exchange		2,954,887	2,954,887	2,954,887	2,954,887						2,954,887				10,940	05/30/2025	4FE
..89364M-BP-8	TRANSDIGM INC TRANSDIGM INC 06/09/23		02/07/2020	Tax Free Exchange		27,411,695	27,460,863	27,388,916	27,410,161		1,534		1,534		27,411,695				101,667	06/09/2023	4FE
..89364M-BQ-6	TRANSDIGM INC TERM E 05/30/25		03/31/2020	Redemption	100.0000	7,387	7,387	7,387						7,387					43	05/30/2025	4FE
..89364M-BR-4	TRANSDIGM INC TERM F 12/31/25		03/31/2020	Redemption	100.0000	68,652	68,652	68,529			123		123		68,652				571	12/31/2025	4FE
..89364M-BS-2	TRANSDIGM INC TERM G 08/22/24		03/31/2020	Redemption	100.0000	17,236	17,236	17,236						17,236					100	08/22/2024	4FE
..89388H-AB-3	TRANSPORTATION INSIGHT LLC 2018 Incremental I Term Loan 12/18/24		01/01/2020	CHURCHILL CLO IV		3,466,839	3,491,162	3,456,250	3,462,571		13		13		3,462,584		4,254	4,254		12/18/2024	4PL
..89388H-AB-3	TRANSPORTATION INSIGHT LLC 2018 Incremental I Term Loan 12/18/24		01/08/2020	Redemption	0.0000			25	(259)		259		259							12/18/2024	4PL
..89388H-AC-1	TRANSPORTATION INSIGHT LLC 2018 Delayed Draw Term Loan 12/18/24		03/31/2020	Redemption	100.0000	14,847	14,847	14,847	8,328					14,847					102	12/18/2024	4PL
..89612H-AC-9	TRICORBRAUN INC TRICORBRAUN INC 11/30/23		01/09/2020	Redemption	100.0000	141	141	139	(166)		307		307		141				(457)	11/30/2023	4FE
..90351N-AE-5	USI INC/NY USI INC/NY 05/16/24		03/31/2020	Redemption	100.0000	146,906	146,906	146,611	146,696		211		211		146,906				1,836	05/16/2024	4FE
..90352Y-AB-6	USRPP HLDGS INC SR-UNSEC 03/29/25		03/31/2020	Redemption	100.0000	87,500	87,500	87,063	87,147		353		353		87,500				2,818	03/29/2025	3PL
..90352Y-AC-4	USRPP HLDGS INC SR-UNSEC 03/29/25		03/31/2020	Redemption	100.0000	15,438	15,438	15,438	15,438						15,438				768	03/29/2025	3PL
..90352Y-AD-2	USRPP HLDGS INC Revolver 03/29/23		03/06/2020	Redemption	100.0000	125,000	125,000	125,000	125,000						125,000				(6)	03/29/2023	3PL
..90370#-AB-5	US RADIOLOGY SPECIALISTS INC Revolver 01/01/23		01/07/2020	Redemption	100.0000	1,288,172	1,288,172	1,288,172						1,288,172						01/01/2023	2PL

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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
903720-AA-7	US RADIOLOGY SPECIALISTS INC SR-UNSEC 01/01/24		01/01/2020	Redemption 100.0000		66,670	66,670	66,255	32,667		344		344		66,670				(117)	01/01/2024	2PL
903720-AC-3	US RADIOLOGY SPECIALISTS INC Delayed Draw US01S Term Loan 01/24/24		01/01/2020	CAPITAL ONE HEALTHCARE FINANCI		11,939,330	11,999,327	11,999,327	11,999,327						11,999,327		(59,997)	(59,997)		01/24/2024	4Z
90388H-AB-1	ULTRA RESOURCES INC ULTRA RESOURCES INC 04/12/24		03/31/2020	Redemption 100.0000		90,813	90,813	42,757	53,534		48,055	10,777	37,278		90,813				1,202	04/12/2024	5FE
90470C-AG-0	UNIFIED PHYSICIAN MGMT LLC Delayed Draw Term Loan C 11/27/23		03/31/2020	Redemption 100.0000		25,200	25,200	25,200	21,792						25,200				305	11/27/2023	3PL
90470C-AH-8	UNIFIED PHYSICIAN MGMT LLC Incremental Term D Loan 11/27/23		03/31/2020	Redemption 100.0000		24,000	24,000	23,760	23,789		211		211		24,000				188	11/27/2023	3PL
91335P-AE-9	UNIVAR USA INC UNIVAR USA INC 07/01/24		01/07/2020	Redemption 100.0000		3,026,014	3,026,014	3,029,312	3,028,288		(2,274)		(2,274)		3,026,014				2,383	07/01/2024	3FE
91834B-AB-2	VITAL SMART LLC Closing Date Term Loan 09/30/26		02/28/2020	Redemption 100.0000		145,389	145,389	143,935	142,071		3,318		3,318		145,389				1,573	09/30/2026	4Z
91834B-AC-0	VITAL SMART LLC Revolver 09/30/26		01/01/2020	Redemption 100.0000		134,328	134,328	134,328	134,328						134,328				341	09/30/2026	4Z
91865F-AG-4	VACO HLDGS LLC Term Loan A 11/09/23		01/02/2020	Redemption 100.0000		214,167	214,167	213,096	213,352		815		815		214,167				2,539	11/09/2023	2PL
91916F-AD-0	VALIDITY INC Term Loan 05/30/25		01/01/2020	Redemption 100.0000		40,697	40,697	40,291	40,319		379		379		40,697					05/30/2025	4
91917L-AB-0	VALICOR PPC INTERMEDIATE II LL First Lien Revolver 07/24/24		01/04/2020	Redemption 100.0000		150,000	150,000	150,000							150,000				456	07/24/2024	4Z
91917L-AC-8	VALICOR PPC INTERMEDIATE II LL First Lien Delayed Draw Term L 07/24/26		01/01/2020	Redemption 100.0000		3,325	3,325	3,325	3,325						3,325				8	07/24/2026	4Z
91917L-AD-6	VALICOR PPC INTERMEDIATE II LL First Lien Initial Term Loan 07/24/26		01/02/2020	Redemption 100.0000		20,000	20,000	19,800	19,809		191		191		20,000					07/24/2026	4Z
92261#-AA-5	VELOCITY TECHNOLOGY SOLUTIONS Term Loan 12/07/23		03/31/2020	Redemption 100.0000		50,000	50,000	49,500	49,645		355		355		50,000				1,000	12/07/2023	3PL
92346N-AB-5	VERIFONE SYSTEMS INC VERIFONE SYSTEMS INC 08/20/25		03/31/2020	Redemption 100.0000		26,567	26,567	26,434	26,452		114		114		26,567				441	08/20/2025	4FE
92675*-AA-9	VANGUARD PACKAGING LLC Term A Loan 08/09/24		02/26/2020	Redemption 100.0000		240,000	240,000	237,793	237,932		2,068		2,068		240,000					08/09/2024	2PL
92940J-AB-4	WR GRACE & CO-CONN WR GRACE & CO-CONN 04/03/25		03/31/2020	Redemption 100.0000		10,976	10,976	10,962	10,965		11		11		10,976				103	04/03/2025	3FE
92940J-AD-0	WR GRACE & CO-CONN WR GRACE & CO-CONN 04/03/25		03/31/2020	Redemption 100.0000		18,816	18,816	18,792	18,798		18		18		18,816				176	04/03/2025	3FE
93710H-AC-2	WASH MULTIFAMILY LAUNDRY SYS WASH MULTIFAMILY LAUNDRY SYS 05/16/22		03/31/2020	Redemption 100.0000		74,739	74,739	74,288	74,552		186		186		74,739				932	05/16/2022	4FE
93710H-AG-3	WASH MULTIFAMILY LAUNDRY SYS WASH MULTIFAMILY LAUNDRY SYS 05/16/22		03/31/2020	Redemption 100.0000		10,415	10,415	10,343	10,386		29		29		10,415				130	05/16/2022	4FE
95841#-AB-5	WIRB CORPERNICUS GROUP INC Initial Term Loan (First Lien) 08/15/22		01/08/2020	Redemption 100.0000		16,558,234	16,558,234	16,463,776	16,501,070		57,164		57,164		16,558,234				24,359	08/15/2022	5
95841#-AD-1	WIRB CORPERNICUS GROUP INC First Lien Delayed Draw Term L 08/15/22		01/14/2020	No Broker		429,000	429,000	429,000	429,000						429,000					08/15/2022	4Z
96208U-AP-6	WEX INC WEX INC 05/17/26		03/31/2020	Redemption 100.0000		115,313	115,313	115,867	115,823		(510)		(510)		115,313				1,146	05/17/2026	3FE
965XNG-11-3	COMAR HLDG CO LLC First Amendment Term Loan 06/18/24		03/31/2020	Redemption 100.0000		2,540	2,540	2,515			25		25		2,540				35	06/18/2024	4Z
96925H-AF-9	WILLIAM MORRIS ENDEAVOR EN WILLIAM MORRIS ENDEAVOR EN 05/16/25		03/31/2020	Redemption 100.0000		7,282	7,282	7,280	7,280		2		2		7,282				84	05/16/2025	4FE
98160U-AC-7	WORLDWIDE CLINICAL TRIALS HLDG Initial Term Loan 12/05/24		03/31/2020	Redemption 100.0000		62,500	62,500	61,875	62,031		469		469		62,500				977	12/05/2024	4PL
98310C-AC-6	WYNDHAM HOTELS & RESORTS WYNDHAM HOTELS & RESORTS 05/30/25		03/31/2020	Redemption 100.0000		16,813	16,813	16,813	16,813						16,813				146	05/30/2025	2FE
98975V-AG-1	ZODIAC POOL SOLUTIONS ZODIAC POOL SOLUTIONS 07/02/25		01/30/2020	Redemption 100.0000		1,645,068	1,645,068	1,650,201	1,649,230		(4,163)		(4,163)		1,645,068				5,181	07/02/2025	3FE
98975V-AG-1	ZODIAC POOL SOLUTIONS ZODIAC POOL SOLUTIONS 07/02/25		01/30/2020	Tax Free Exchange		10,564,591	10,538,331	10,571,214	10,564,997		(406)		(406)		10,564,591				33,191	07/02/2025	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
98975V-AK-2	ZODIAC POOL SOLUTIONS Term B 07/02/25		03/31/2020	Redemption	100.0000		26,346	26,346	26,411			(66)	(66)		26,346				167	07/02/2025	3FE
AA2982-6J-0	DAYTONA HLDG CO LLC First Lien Delayed Draw Term L 04/01/26		03/05/2020	Tax Free Exchange	100.0000		13,026,000	13,026,000	13,026,000						13,026,000					04/01/2026	2Z
BL2358-35-8	EXAMWORKS GROUP INC EXAMWORKS GROUP INC 07/27/23		03/31/2020	Redemption	100.0000		26,438	26,438	26,667			(139)	(139)		26,438				330	07/27/2023	4FE
BL2790-56-8	STARFRUIT US HOLDCO LLC STARFRUIT US HOLDCO LLC 10/01/25		01/27/2020	Tax Free Exchange	100.0000		38,941,711	38,374,835	38,941,711						38,941,711				173,998	10/01/2025	4FE
BL3174-83-8	ALLISON TRANSMISSION INC ALLISON TRANSMISSION INC 03/29/26		03/31/2020	Redemption	100.0000		42,095	42,095	42,303			(202)	(202)		42,095				391	03/29/2026	3FE
BL3220-48-2	HAMILTON HOLDCO LLC TERM B 01/02/27		03/31/2020	Redemption	100.0000		52,523	52,523	52,419			104	104		52,523					01/02/2027	3FE
BL3240-03-5	HOSTESS BRANDS LLC HOSTESS BRANDS LLC 08/03/25		01/14/2020	Tax Free Exchange	100.0000		2,369,086	2,375,000	2,369,063			24	24		2,369,086					08/03/2025	4Z
BL3245-33-1	NFP CORP NFP Corp 01/08/24		01/09/2020	Tax Free Exchange	100.0000		1,583,928	1,595,887	1,583,918			10	10		1,583,928					01/08/2024	4Z
BL3292-04-4	QUIKRETE HOLDINGS INC Term B 01/29/27		03/31/2020	Redemption	100.0000		74,598	74,598	74,568			30	30		74,598				266	01/29/2027	4FE
C6901L-AH-0	RESTAURANT BRANDS 1011778 BC ULC 11/19/26		03/31/2020	Redemption	100.0000		119,527	119,527	119,461			71	71		119,527				1,037	11/19/2026	3FE
C9413P-AZ-6	BAUSCH HEALTH AMERICAS BAUSCH HEALTH AMERICAS 06/02/25		03/18/2020	Redemption	100.0000		166,073	166,073	163,529			2,658	2,658		166,073				818	06/02/2025	3FE
N8232N-AB-3	NOURYON USA LLC TERM B 10/01/25		03/31/2020	Redemption	100.0000		101,780	101,780	100,661			1,120	1,120		101,780				383	10/01/2025	4FE
Z00061-23-6	ISOLOGIC INNOVATIVE RADIOPHARM SR-UNSEC 06/11/23		01/01/2020	Redemption	100.0000		4,561	4,561	4,561						4,561					06/11/2023	4Z
Z00066-88-8	FLIGHT BUYER LLC SR-UNSEC SR-UNSEC 04/08/24		01/14/2020	Redemption	100.0000		2,183,133	2,183,133	2,183,133						2,183,133				7,442	04/08/2024	4Z
Z00067-63-9	ISOLOGIC INNOVATIVE RADIOPHARM SR-UNSEC 06/11/23		01/01/2020	Redemption	100.0000		10,036	10,036	10,036						10,036					06/11/2023	4Z
Z00068-25-6	SOS SECURITY HLDGS LLC Tranche A Delayed Draw Term Lo 04/30/25		02/14/2020	DIRECT WITH COUNTERPARTY FIXED	100.0000		450,480	450,480	446,635			3,602	3,602		450,480				2,637	04/30/2025	4Z
Z00068-25-6	SOS SECURITY HLDGS LLC Tranche A Delayed Draw Term Lo 04/30/25		01/01/2020	Redemption	100.0000		450,480	450,480	446,635			3,602	3,602		450,480				2,637	04/30/2025	4Z
Z00070-18-7	SIW HLDGS-LLC SR-UNSEC SERIES LLC DD T/L 06/08/25		02/12/2020	Tax Free Exchange	100.0000		791,031	798,500	790,515			161	161		791,031					06/08/2025	5G1
Z00070-43-5	TANGENT TECHNOLOGIES ACQUISITI Term Loan 12/02/24		01/01/2020	Redemption	100.0000		6,319	6,319	6,256			62	62		6,319				14	12/02/2024	2Z
Z00070-44-3	TANGENT TECHNOLOGIES Delayed Draw Term Loan 11/30/24		02/24/2020	Tax Free Exchange	100.0000		475,827	480,634	475,827						475,827					11/30/2024	2Z
Z00072-08-4	UNIFIED PHYSICIAN MGMT LLC 2 11/21/23		03/31/2020	Redemption	100.0000		10,057	10,057	9,956			100	100		10,057				170	11/21/2023	4Z
68371Y-AJ-2	OPEN TEXT CORP OPEN TEXT CORP 05/30/25	A	03/31/2020	Redemption	100.0000		12,500	12,500	12,531			(25)	(25)		12,500				108	05/30/2025	2FE
C0449K-AB-7	ARRAY CANADA INC ARRAY CANADA INC 02/10/23	A	03/31/2020	Redemption	100.0000		128,125	128,125	68,974			59,208	58,487		128,125				2,249	02/10/2023	5FE
C7052B-AF-1	GFL ENVIRONMENTAL INC GFL ENVIRONMENTAL INC 05/31/25	A	03/06/2020	Redemption	100.0000		10,086,716	10,086,716	9,922,606			142,249	142,249		10,086,716				76,916	05/31/2025	4FE
C7236#-AA-2	PET HLDGS ULC SR-UNSEC 07/05/22	A	01/02/2020	Redemption	100.0000		44,878	44,878	44,304			335	335		44,878				881	07/05/2022	2PL
C7236#-AB-0	PET HLDGS ULC SR-UNSEC 07/05/22	A	01/02/2020	Redemption	100.0000		6,648	6,648	6,606			27	27		6,648				130	07/05/2022	2PL
78466D-BE-3	SS&C EUROPEAN HOLDINGS SARL SS&C EUROPEAN HOLDINGS SARL 04/16/25	D	01/31/2020	Redemption	100.0000		25,192	25,192	25,129			49	49		25,192				88	04/16/2025	3FE
78466D-BE-3	SS&C EUROPEAN HOLDINGS SARL SS&C EUROPEAN HOLDINGS SARL 04/16/25	D	02/04/2020	Tax Free Exchange	100.0000		2,358,586	2,363,097	2,357,189			92	92		2,358,586				8,240	04/16/2025	3FE
BL2272-69-0	ALPHA 3 BV ATOTECH ALPHA 3 BV 01/31/24	D	03/31/2020	Redemption	100.0000		24,173	24,173	24,112			38	38		24,173				302	01/31/2024	4FE

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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	For-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	
..BL2651-41-4	TITAN ACQUISITION LTD TITAN ACQUISITION LTD 03/28/25	D	03/31/2020	Redemption 100.0000		21,938	21,938	21,883	21,895		43		43		21,938				260	03/28/2025	4FE	
..BL2756-29-6	AURIS LUXEMBOURG III SA AURIS LUXEMBOURG III SA 02/21/26	D	03/31/2020	Redemption 100.0000		35,682	35,682	35,504	35,517		166		166		35,682				490	02/21/2026	4FE	
..L0001L-AC-3	VGROUP LTD VGROUP LTD 03/11/24	D	03/31/2020	Redemption 100.0000		60,563	60,563	60,663	60,625		(62)		(62)		60,563				358	03/11/2024	4FE	
..L2968E-AB-8	ENDO INTERNATIONAL PLC ENDO INTERNATIONAL PLC 04/29/24	D	03/31/2020	Redemption 100.0000		8,313	8,313	8,271	8,285		27		27		8,313				125	04/29/2024	4FE	
..L8030P-AF-5	SAMSONITE IP HOLDINGS SAMSONITE IP HOLDINGS 04/25/25	D	01/01/2020	Redemption 0.0000					(147)		147		147							04/25/2025	2FE	
..L9339L-AG-8	TRINSEO MATERIALS OPERATING TRINSEO MATERIALS OPERATING 09/09/24	D	03/31/2020	Redemption 100.0000		17,281	17,281	17,114	17,137		144		144		17,281				161	09/09/2024	3FE	
8299999. Subtotal - Bonds - Unaffiliated Bank Loans						776,163,699	817,885,451	812,709,147	753,405,922		1,317,827	111,518	1,206,309		814,800,779		(160,580)	(160,580)	4,607,475	XXX	XXX	
8399997. Total - Bonds - Part 4						6,473,338,292	5,641,329,423	6,266,400,351	5,818,411,858	(1,516,674)	22,973,880	111,518	21,345,688	27,166,707	6,161,957,599	(36,665,256)	331,386,038	294,720,782	109,388,889	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						6,473,338,292	5,641,329,423	6,266,400,351	5,818,411,858	(1,516,674)	22,973,880	111,518	21,345,688	27,166,707	6,161,957,599	(36,665,256)	331,386,038	294,720,782	109,388,889	XXX	XXX	
..200058-98-4	TIAA CHURCHILL MIDDLE MARKET C PFDS CLO V		01/01/2020	Redemption 1.0000	21,000,000.000	21,000,000	0.00	21,000,000	21,000,000						21,000,000						6	
..200058-98-4	TIAA CHURCHILL MIDDLE MARKET C PFDS CLO V		01/28/2020	Capital Distribution	0.000	(11,000,000)	0.00	(11,000,000)	(11,000,000)						(11,000,000)						6*	
..200058-98-4	TIAA CHURCHILL MIDDLE MARKET C PFDS CLO V		01/01/2020	Taxable Exchange	64,000,000.000	66,211,796	0.00	64,000,000	64,000,000						64,000,000		2,211,796	2,211,796			6	
8499999. Subtotal - Preferred Stocks - Industrial and Miscellaneous (Unaffiliated) Perpetual Preferred						76,211,796	XXX	74,000,000	74,000,000						74,000,000		2,211,796	2,211,796		XXX	XXX	
8999997. Total - Preferred Stocks - Part 4						76,211,796	XXX	74,000,000	74,000,000						74,000,000		2,211,796	2,211,796		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						76,211,796	XXX	74,000,000	74,000,000						74,000,000		2,211,796	2,211,796		XXX	XXX	
..22788C-10-5	CROWDSTRIKE HOLDINGS INC A		01/29/2020	MERRILL LYNCH PERCE FENER SMITH	42,050,000	2,403,694		2,363,407							2,363,407		40,288	40,288				
..25456K-10-1	DIPLOMAT PHARMACY MOTORS LIQUIDATION CO GUC TRUS MOTORS LIQUIDATION CO GUC TR		02/10/2020	CONVERSION	25,320,000	101,280		370,000	101,280	268,720			268,720		370,000		(268,720)	(268,720)				
..62010U-10-1	MERRILL LYNCH PERCE FENER		01/02/2020	DIRECT	3,000			29		(29)			(29)									
..63845R-10-7	NATIONAL VISION INC		01/21/2020	SMITH	15,115,000	509,530		508,680	490,179	18,501			18,501		508,680		850	850				
..67092P-85-4	NUVEEN ESG YIELD CORP B ETF		03/30/2020	JANE STREET	127,000,000	2,795,259		3,187,700	3,213,354	(25,654)			(25,654)		3,187,700		(392,441)	(392,441)	28,105			
..893641-10-0	TRANSIGM INC		01/01/2020	MERRILL LYNCH PERCE FENER SMITH	5,952,000	3,332,512		3,322,061	3,333,120	(11,059)			(11,059)		3,322,061		10,451	10,451				
..923451-10-8	Veritex holding VERITEX HOLDINGS INC		01/01/2020	MERRILL LYNCH PERCE FENER SMITH	22,219,000	578,040		583,471	647,239	(63,769)			(63,769)		583,471		(5,431)	(5,431)				
..86216B-56-0	NUVEEN INVESTMENTS Nuveen GBL Real Est CL I USDIA		01/14/2020	BFDS BROKER	1,125,000	28,000		22,499	27,933	(5,434)			(5,434)		22,499		5,501	5,501				
9099999. Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Publicly Traded						9,748,315	XXX	10,357,818	7,813,134	181,276			181,276		10,357,818		(609,502)	(609,502)	28,105	XXX	XXX	
..67092P-70-6	NURE NUVEEN SHORT-TERM REIT ETF		03/30/2020	INSTINET CTS	5,000,000	103,269		130,150	151,150	(21,000)			(21,000)		130,150		(26,881)	(26,881)	1,902			
..67092P-80-5	NUJM NUVEEN ESG INTERNATIONAL DEV		03/30/2020	JANE STREET	700,000,000	14,706,815		18,555,850	18,871,860	(316,010)			(316,010)		18,555,850		(3,849,035)	(3,849,035)				
..67092P-88-8	NUEM NUVEEN ESG EMERGING MARKETS		03/30/2020	KNIGHT SECURITIES	1,200,000,000	24,755,693		32,765,760	32,603,806	(161,954)			(161,954)		32,603,806		(7,848,113)	(7,848,113)				
..Z05100-00-7	FEDERAL HOME LOAN BANK MEMBERSHIP STOCK		03/30/2020	FEDERAL HOME LOAN BANK	7,725,713,000	772,571,250		772,571,250	20,700,000						772,571,250				444,645			
..Z04106-24-5	NEW POINT VII LIMITED	D	01/01/2020	TENDER SALE	23,201,000	8,273		8,189	8,189	(8,189)			(8,189)				8,273	8,273				
9199999. Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Other						812,145,300	XXX	823,861,056	72,496,959	(507,153)			(507,153)		823,861,056		(11,715,756)	(11,715,756)	446,547	XXX	XXX	
..60407*-10-3	ND Properties Inc		03/31/2020	Issuer Teachers Insurance and Annuity Association of America	68,000	99,065,931		99,065,931	99,065,931						99,065,931							
..68062#-10-8	OLEUM HOLDING COMPANY, INC.		02/28/2020	Issuer	0.000	9,738,219																
..87226#-10-3	T-C Europe Holding Inc		03/31/2020	Issuer	1.000																	
9399999. Subtotal - Common Stocks - Parent, Subsidiaries and Affiliates Other						108,804,150	XXX	99,065,931	99,065,931						99,065,931					XXX	XXX	
9799997. Total - Common Stocks - Part 4						930,697,765	XXX	933,284,805	179,376,024	(325,877)			(325,877)		933,284,805		(12,325,258)	(12,325,258)	474,652	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

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STATEMENT AS OF MARCH 31, 2020 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
										11 Unrealized Valuation Increase/ (Decrease)	12 Current Year's (Amor- tization)/ Accretion	13 Current Year's Other Than Temporary Impairment Recog- nized	14 Total Change in Book/ Adjusted Carrying Value (11 + 12 - 13)	15 Total Foreign Exchange Change in Book /Adjusted Carrying Value							
9799999. Total - Common Stocks						930,697,765	XXX	933,284,805	179,376,024	(325,877)			(325,877)		933,284,805		(12,325,258)	(12,325,258)	474,652	XXX	XXX
9899999. Total - Preferred and Common Stocks						1,006,909,561	XXX	1,007,284,805	253,376,024	(325,877)			(325,877)		1,007,284,805		(10,113,462)	(10,113,462)	474,652	XXX	XXX
9999999 - Totals						7,480,247,853	XXX	7,273,685,156	6,071,787,882	(1,842,551)	22,973,880	111,518	21,019,811	27,166,707	7,169,242,404	(36,665,256)	321,272,576	284,607,320	109,863,541	XXX	XXX

STATEMENT AS OF MARCH 31, 2020 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)															
007999999. Subtotal - Purchased Options - Hedging Effective Excluding Variable Annuity Guarantees Under SSAP No.108														XXX																			XXX	XXX			
014999999. Subtotal - Purchased Options - Hedging Effective Variable Annuity Guarantees Under SSAP No.108														XXX																					XXX	XXX	
021999999. Subtotal - Purchased Options - Hedging Other														XXX																						XXX	XXX
028999999. Subtotal - Purchased Options - Replications														XXX																						XXX	XXX
035999999. Subtotal - Purchased Options - Income Generation														XXX																						XXX	XXX
042999999. Subtotal - Purchased Options - Other														XXX																						XXX	XXX
043999999. Total Purchased Options - Call Options and Warrants														XXX																						XXX	XXX
044999999. Total Purchased Options - Put Options														XXX																						XXX	XXX
045999999. Total Purchased Options - Caps														XXX																						XXX	XXX
046999999. Total Purchased Options - Floors														XXX																						XXX	XXX
047999999. Total Purchased Options - Collars														XXX																						XXX	XXX
048999999. Total Purchased Options - Other														XXX																						XXX	XXX
049999999. Total Purchased Options														XXX																						XXX	XXX
056999999. Subtotal - Written Options - Hedging Effective Excluding Variable Annuity Guarantees Under SSAP No.108														XXX																						XXX	XXX
063999999. Subtotal - Written Options - Hedging Effective Variable Annuity Guarantees Under SSAP No.108														XXX																						XXX	XXX
070999999. Subtotal - Written Options - Hedging Other														XXX																						XXX	XXX
077999999. Subtotal - Written Options - Replications														XXX																						XXX	XXX
084999999. Subtotal - Written Options - Income Generation														XXX																						XXX	XXX
091999999. Subtotal - Written Options - Other														XXX																						XXX	XXX
092999999. Total Written Options - Call Options and Warrants														XXX																						XXX	XXX
093999999. Total Written Options - Put Options														XXX																						XXX	XXX
094999999. Total Written Options - Caps														XXX																						XXX	XXX
095999999. Total Written Options - Floors														XXX																						XXX	XXX
096999999. Total Written Options - Collars														XXX																						XXX	XXX
097999999. Total Written Options - Other														XXX																						XXX	XXX
098999999. Total Written Options														XXX																						XXX	XXX
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE CITIBANK NA		05/22/2017			25,000,000				146,210			2,678,814						643,688															
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE MORGAN STANLEY CAPITAL SERVICE		05/24/2017			50,000,000				305,323			4,925,861						1,277,990															
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE CITIBANK NA		06/07/2017			25,000,000.00				144,684			2,140,538						647,970															
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE CITIBANK NA		06/19/2017			25,000,000.00				133,704			1,350,847						642,491															

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STATEMENT AS OF MARCH 31, 2020 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)
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE CITIBANK NA		06/28/2017		25,000,000.00					137,565			1,947,741					648,617	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE JP MORGAN CHASE BANK NA		06/28/2017		25,000,000.00					137,271			1,950,667					649,643	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE CITIBANK NA		07/03/2017		25,000,000.00					142,846			1,617,665					637,521	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE MORGAN STANLEY CAPITAL SERVICE		07/07/2017		25,000,000.00					147,520			1,785,651					628,349	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE CITIBANK NA		07/13/2017		25,000,000.00					148,133			1,984,542					632,592	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE CITIBANK NA		07/19/2017		25,000,000.00					147,790			2,359,808					645,209	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE CITIBANK NA		07/25/2017		50,000,000.00					284,437			4,023,551					1,271,625	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE MORGAN STANLEY CAPITAL SERVICE		08/08/2017		25,000,000.00					145,925			2,736,942					646,384	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE CITIBANK NA		08/28/2017		25,000,000.00					141,382			2,415,344					650,903	

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STATEMENT AS OF MARCH 31, 2020 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)
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RW0	D-1	MORGAN STANLEY CAPITAL SERVICE		09/11/2017		25,000,000.00					145,072			3,292,917					666,221	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RW0	D-1	CITIBANK NA		09/12/2017		15,600,000.00					90,383			1,947,553					412,870	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RW0	D-1	CITIBANK NA		09/12/2017		9,400,000.00					54,462			1,173,525					248,781	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RW0	D-1	MORGAN STANLEY CAPITAL SERVICE		09/18/2017		25,000,000.00					146,938			3,427,010					664,428	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RW0	D-1	CITIBANK NA		09/20/2017		25,000,000.00					145,830			2,941,775					652,997	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RW0	D-1	MORGAN STANLEY CAPITAL SERVICE		09/27/2017		25,000,000.00					155,089			3,167,209					652,977	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RW0	D-1	CITIBANK NA		09/27/2017		25,000,000.00					147,689			3,093,150					651,950	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RW0	D-1	JP MORGAN CHASE BANK NA		09/27/2017		25,000,000.00					148,017			3,079,862					650,306	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RW0	D-1	JP MORGAN CHASE BANK NA		09/27/2017		25,000,000.00					147,411			3,017,390					650,306	

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STATEMENT AS OF MARCH 31, 2020 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)
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE CITIBANK NA		09/29/2017		25,000,000.00					147,630			3,015,964					649,566	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE CITIBANK NA		10/04/2017		35,000,000.00					205,554			3,995,234					905,978	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE JP MORGAN CHASE BANK NA		10/05/2017		25,000,000.00					146,693			2,816,156					646,385	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE CITIBANK NA		10/06/2017		25,000,000.00					147,331			2,731,779					641,761	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE MORGAN STANLEY CAPITAL SERVICE		10/26/2017		25,000,000.00					146,552			2,657,468					641,944	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE CITIBANK NA		11/03/2017		25,000,000.00					147,743			2,754,653					657,518	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE CITIBANK NA		11/09/2017		25,000,000.00					143,261			3,068,598					665,063	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE CITIBANK NA		12/20/2017		25,000,000.00					148,878			3,719,313					667,275	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE CITIBANK NA		12/20/2017		25,000,000.00					148,249			3,634,381					666,653	

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STATEMENT AS OF MARCH 31, 2020 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)
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE CITIBANK NA		02/07/2018		25,000,000.00					159,701			4,315,097					651,259	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE BANK OF AMERICA NA		02/08/2018		25,000,000.00					161,445			4,300,171					645,260	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE CITIBANK NA		02/09/2018		25,000,000.00					160,810			4,174,338					643,400	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE BANK OF AMERICA NA		02/20/2018		25,000,000.00					159,167			3,863,056					639,027	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE BANK OF AMERICA NA		02/21/2018		25,000,000.00					159,116			3,698,400					634,116	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE MORGAN STANLEY CAPITAL SERVICE		02/21/2018		25,000,000.00					160,407			3,703,855					630,184	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE MORGAN STANLEY CAPITAL SERVICE		02/27/2018		25,000,000.00					160,544			3,913,271					636,200	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE CITIBANK NA		03/16/2018		100,000,000.00					636,704			16,156,138					2,577,679	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL IX N/B United States Treasury In .875 912810RWO	D-1	INTEREST RATE BANK OF AMERICA NA		04/20/2018		25,000,000.00					164,241			4,923,811					655,583	

E06.4

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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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Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL 1X N/B United States Treasury In .875 912810RW0	D-1	INTEREST RATE CITIBANK NA		05/17/2018		25,000,000.00					165,191			4,447,994					637,935	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL 1X N/B United States Treasury In .875 912810RW0	D-1	INTEREST RATE CITIBANK NA		05/23/2018		50,000,000.00					326,443			9,018,192					1,292,109	
Effective Asset Swap	ASSET SWAP - RECEIVE FIXED PAY FLOATING	TSY INFL 1X N/B United States Treasury In .875 912810RW0	D-1	INTEREST RATE BANK OF AMERICA NA		05/23/2018		25,000,000.00					163,282			4,515,302					646,054	
099999999. Subtotal - Swaps - Hedging Effective Excluding Variable Annuity Guarantees Under SSAP No.108 - Interest Rate													7,302,623	XXX	152,481,533					XXX	XXX	
Effective FX Swap	CURRENCY SWAP - PAY FIXED CAD RECEIVE FIXED USD	109286AA2 BRIGHTON BEACH POWER L.P. SR-SEC 6.924% due 03/31/2024 C41110AB9	D-1	CURRENCY BANK OF MONTREAL		09/10/2002		31,781,500.00					(131,847)			(4,754,837)			3,319,176		317,924	
Effective FX Swap	CURRENCY SWAP - PAY FIXED CAD RECEIVE FIXED USD	GREAT LAKES POWER LTD SR 6.6% due 06/16/2023 531739AA8	D-1	CURRENCY ROYAL BANK OF CANADA		06/09/2003		60,088,659.62					(82,073)			409,087			4,923,978		538,369	
Effective FX Swap	CURRENCY SWAP - PAY FIXED CAD RECEIVE FIXED USD	LIEVRE POWER FINANCING CORP. 1-SR- SEC 5.556% due 10/06/2025 C41110AA1	D-1	CURRENCY ROYAL BANK OF CANADA		09/30/2005		37,068,966.00					113,240			9,448,276			2,558,894		435,483	
Effective FX Swap	CURRENCY SWAP - PAY FIXED CAD RECEIVE FIXED USD	GREAT LAKES POWER LTD SUB-SEC 7.8% due 06/16/2023 66815PAA8	D-1	CURRENCY THE BANK OF NOVA SCOTIA		09/30/2003		24,422,735.00					(12,122)			877,645			1,963,803		218,817	
Effective FX Swap	CURRENCY SWAP - PAY FIXED CAD RECEIVE FIXED USD	NIERN HYDRO ACQUISITION CO 11 L SR-UNSEC 3.877% due 12/31/2036 66816DAA4	D-1	CURRENCY JP MORGAN CHASE BANK NA		03/06/2019		36,455,620.86					50,460			7,245,054			2,915,949		746,326	
Effective FX Swap	CURRENCY SWAP - PAY FIXED CAD RECEIVE FIXED USD	NIERN HYDRO ACQUISITION CO 111 SR-UNSEC 3.94% due 12/31/2038	D-1	CURRENCY JP MORGAN CHASE BANK NA		03/06/2019		37,199,613.12					53,284			8,281,853			2,975,459		805,704	

E06.5

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SCHEDULE DB - PART A - SECTION 1

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Effective FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	BJ5PXX6 ROMANIA UNSEC 3.5% due 04/03/2034	D-1	CURRENCY CREDIT AGRICOLE		03/27/2019		11,253,000.00					74,122			2,178,331		188,000			210,648	
Effective FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	BJUNTR2 ARAB REPUBLIC OF EGYPT SR UNSEC 6.375% due 04/11/2031	D-1	CURRENCY CREDIT AGRICOLE		04/04/2019		5,050,350.00					43,655			1,032,850		84,600			83,886	
Effective FX Swap	CURRENCY SWAP - PAY FIXED AUD RECEIVE FIXED USD	MORTGAGE LOAN 881900	B-1	CURRENCY CITIBANK NA		04/12/2019		143,700,000.00					303,630			27,945,107		17,330,000			1,613,642	
Effective FX Swap	CURRENCY SWAP - PAY FIXED AUD RECEIVE FIXED USD	MORTGAGE LOAN 881901	B-1	CURRENCY JP MORGAN CHASE BANK NA		04/12/2019		35,935,000.00					161,694			6,534,186		4,332,500			257,384	
Effective FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	N6587*AA1 ALLIANCE AUTOMOTIVE NETHERLAND SR-UNSEC 1.55% due 05/31/2029	D-1	CURRENCY CREDIT AGRICOLE		05/15/2019		16,818,000.00					102,453			2,281,386		282,000			254,678	
Effective FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	N6587*AB9 ALLIANCE AUTOMOTIVE NETHERLAND SR-UNSEC 1.74% due 05/31/2031	D-1	CURRENCY CREDIT AGRICOLE		05/15/2019		26,908,800.00					158,826			4,139,606		451,200			449,719	
Effective FX Swap	CURRENCY SWAP - PAY FIXED JPY RECEIVE FIXED USD	59156RBW7 METLIFE INC SR UNSEC 0.898% due 05/23/2031	D-1	CURRENCY CITIBANK NA		05/16/2019		9,594,298.25					74,368			1,428,138		(101,557)			160,189	
Effective FX Swap	CURRENCY SWAP - PAY FIXED JPY RECEIVE FIXED USD	59156RBX5 METLIFE INC SR UNSEC 1.189% due 05/23/2034	D-1	CURRENCY JP MORGAN CHASE BANK NA		05/16/2019		17,361,111.11					137,349			3,246,024		(183,770)			326,572	
Effective FX Swap	CURRENCY SWAP - PAY FIXED JPY RECEIVE FIXED USD	59156RB3 METLIFE INC SR UNSEC 1.385% due 05/23/2039	D-1	CURRENCY CITIBANK NA		05/16/2019		22,837,307.02					182,171			5,423,755		(241,803)			499,769	
Effective FX Swap	CURRENCY SWAP - PAY FIXED JPY RECEIVE FIXED USD	59156RBW7 METLIFE INC SR UNSEC 0.898% due 05/23/2031	D-1	CURRENCY CITIBANK NA		05/16/2019		9,594,298.25					74,368			1,428,138		(101,557)			160,189	
Effective FX Swap	CURRENCY SWAP - PAY FIXED JPY RECEIVE FIXED USD	59156RB3 METLIFE INC SR UNSEC 1.385% due 05/23/2039	D-1	CURRENCY CITIBANK NA		05/16/2019		17,356,353.34					138,450			4,122,054		(183,770)			379,824	

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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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Effective FX Swap	CURRENCY SWAP - PAY FIXED JPY RECEIVE FIXED USD	591568B/5 METLIFE INC SR UNSEC 1.189% due 05/23/2034 B9550AD3	D-1	JP MORGAN CHASE BANK NA		05/16/2019		22,843,567.25					180,722			4,271,085		(241,803)			429,699	
Effective FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	UNICORE SA/NV SR-UNSEC 1.77% due 09/26/2029 B9550AE1	D-1	JP MORGAN CHASE BANK NA		05/30/2019		77,938,000.00					457,852			9,437,142		1,316,000			1,200,845	
Effective FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	UNICORE SA/NV SR-UNSEC 1.95% due 09/26/2031 G3663#ACS	D-1	JP MORGAN CHASE BANK NA		05/30/2019		33,402,000.00					190,466			4,587,445		564,000			566,257	
Effective FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	FORTH PORTS FINANCE PLC SR-UNSEC 2.97% due 09/17/2029 G3663#AE1	D-1	CREDIT AGRICOLE		07/17/2019		24,858,000.00					96,521			2,089,057		1,650,000			382,507	
Effective FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	FORTH PORTS FINANCE PLC SR-UNSEC 3.03% due 09/17/2031 219350B#6	D-1	JP MORGAN CHASE BANK NA		07/17/2019		24,860,000.00					98,789			2,470,968		1,650,000			420,994	
Effective FX Swap	CURRENCY SWAP - PAY FIXED JPY RECEIVE FIXED USD	CORNING INC SR UNSEC 1.153% due 08/14/2031	D-1	CREDIT AGRICOLE		08/05/2019		40,654,249.79					267,409			5,333,407		(415,900)			685,663	
Effective FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	G7000#ABO ONE HOUSING GROUP LTD B-SR- UNSEC 2.87% due 11/06/2031	D-1	BANK OF AMERICA NA		08/08/2019		24,270,000.00					64,261			1,262,684		1,650,000			413,450	
Effective FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	G7000#AC8 ONE HOUSING GROUP LTD C-SR- UNSEC 3.11% due 11/06/2034	D-1	BANK OF AMERICA NA		08/08/2019		36,405,000.00					102,563			2,612,610		2,475,000			695,778	
Effective FX Swap	CURRENCY SWAP - PAY FIXED AUD RECEIVE FIXED USD	MORTGAGE LOAN 808700	B-1	JP MORGAN CHASE BANK NA		09/18/2019		45,957,460.00					86,246			6,528,198		5,818,548			489,895	
Effective FX Swap	CURRENCY SWAP - PAY FIXED AUD RECEIVE FIXED USD	MORTGAGE LOAN 808700	B-1	JP MORGAN CHASE BANK NA		09/18/2019		28,573,700.00					53,623			4,058,857		3,617,638			304,588	
Effective FX Swap	CURRENCY SWAP - PAY FIXED AUD RECEIVE FIXED USD	MORTGAGE LOAN 808700	B-1	JP MORGAN CHASE BANK NA		09/18/2019		15,056,800.00					28,256			2,138,799		1,906,300			160,502	
Effective FX Swap	CURRENCY SWAP - PAY FIXED AUD RECEIVE FIXED USD	MORTGAGE LOAN 879200	B-1	BNP PARIBAS		10/11/2019		44,200,000.00					66,723			6,844,827		5,632,250			586,539	

E06.7

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Effective FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	XS2080771988 KINGDOM OF MOROCCO 1 1/2% Due 11/27/2031 Ann-11/27 1.5% due 11/27/2031 66043#AGO	D-1	JP MORGAN CHASE BANK NA		11/21/2019		19,900,800.00					95,927			1,927,257		334,768			339,858						
Effective FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	THAMES VALLEY HOUSING ASSOCIAT THAMES VALLEY HOUSING ASSOCIAT 2.57% due 12/19/2031 66970*A09	D-1	BANK OF AMERICA NA		11/27/2019		96,547,500.00					230,555			10,548,610		6,187,500			1,653,052						
Effective FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	PEEL PORTS GROUP LTD SR-UNSEC 2.84% due 12/18/2026	D-1	CITIBANK NA		12/05/2019		74,812,500.00					185,633			9,758,935		4,702,500			1,280,763						
Effective FX Swap	CURRENCY SWAP - PAY FLOATING GBP RECEIVE FLOATING USD	MORTGAGE LOAN 855500 XS2109949391	B-1	JP MORGAN CHASE BANK NA		01/13/2020		6,496,500.00					14,544			289,340		286,000			11,531						
Effective FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	ROMANIA 3.375% due 01/28/2050 64940#AA4	D-1	CREDIT AGRICOLE		01/21/2020		10,091,900.00					39,712			2,764,509		62,604			275,683						
Effective FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	IRISH RESIDENTIAL PROP REIT PL SR-UNSEC 1.83% due 03/10/2030	D-1	JP MORGAN CHASE BANK NA		02/12/2020		21,782,000.00					25,232			1,534,446		(276,000)			343,506						
Effective FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	124651A#7 C&C GROUP PLC SR-UNSEC 2.74% due 03/26/2030	D-1	CITIBANK NA		03/05/2020		74,849,000.00					5,778			5,035,292		2,807,200			1,182,980						
Effective FX Swap	CURRENCY SWAP - PAY FIXED AUD RECEIVE FIXED USD	MORTGAGE LOAN 915700	B-1	CREDIT AGRICOLE		03/10/2020		52,470,931.50					(5,104)			2,971,701		3,173,742			589,209						
1019999999. Subtotal - Swaps - Hedging Effective Excluding Variable Annuity Guarantees Under SSAP No.108 - Foreign Exchange																		3,727,736	XXX		167,731,822		83,413,449		XXX	XXX	
1049999999. Subtotal - Swaps - Hedging Effective Excluding Variable Annuity Guarantees Under SSAP No.108																			11,030,359	XXX		320,213,355		83,413,449		XXX	XXX
1109999999. Subtotal - Swaps - Hedging Effective Variable Annuity Guarantees Under SSAP No.108																				XXX						XXX	XXX
Interest Rate Swap	INTEREST RATE SWAP - RECEIVE FIXED PAY FLOATING	G7332#AE3 RRPF ENGINE LEASING LIMITED Se E- SR-SEC 2.97063% due 10/30/2025	D-1	MORGAN STANLEY & CO LLC		10/16/2013		55,000,000.00					183,411			7,626,600		3,421,191			649,972						

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Interest Rate Swap	INTEREST RATE SWAP - RECEIVE FIXED PAY FLOATING	67334@AG8 RRPF ENGINE LEASING LIMITED Se E-SR-SEC 2.81038% due 06/13/2033	D-1	MORGAN STANLEY & CO LLC		05/30/2018		30,000,000.00					99,927			8,757,132	4,542,705				545,203	
Interest Rate Swap	INTEREST RATE SWAP - RECEIVE FIXED PAY FLOATING	67334@AF0 RRPF ENGINE LEASING LIMITED Se E-SR-SEC 2.99038% due 06/13/2030	D-1	MORGAN STANLEY & CO LLC		05/31/2018		31,000,000.00					104,733			7,180,275	3,551,630				495,230	
111999999. Subtotal - Swaps - Hedging Other - Interest Rate													388,071	XXX	23,564,007	11,515,526				XXX	XXX	
Credit Default Swap	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 SUISSE INTERNATIONAL		10/06/2011		10,000,000.00			125,283		(24,722)			(112,177)	47,930		(3,179)		0	2
Credit Default Swap	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 SUISSE INTERNATIONAL		10/11/2011		10,000,000.00			105,949		(24,722)			(112,177)	47,439		(2,688)		0	2
Credit Default Swap	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 SUISSE INTERNATIONAL		10/12/2011		8,000,000.00			77,431		(19,778)			(89,742)	37,766		(1,965)		0	2
Credit Default Swap	CREDIT DEFAULT SWAP - BALL CORP CO. GUARNT	058498A55 BALL CORP CO. GUARNT 4% due 11/15/2023	D-1	BARCLAYS BANK PLC		06/02/2017		1,000,000.00			(202,760)		(12,361)			(97,387)	11,602		10,048		0	3FE
Credit Default Swap	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 SUISSE INTERNATIONAL		09/19/2017		18,000,000.00			(428,555)		(44,500)			(252,677)	102,130		20,336		0	2
Credit Default Swap	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	JP MORGAN CHASE BANK NA		09/19/2017		30,000,000.00			(698,077)		(74,167)			(421,129)	170,938		33,172		0	2
Credit Default Swap	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	BNP PARIBAS		09/19/2017		20,000,000.00			(476,173)		(49,444)			(280,752)	113,478		22,596		0	2

E06.9

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FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	N2657FK7 DEUTSCHE TELEKOM INT FIN CO.GUARANT 7.5% due 01/24/2033	D-1	CURRENCY BANK OF AMERICA NA		03/12/2003		22,030,000.00					43,254			(3,385,518)	3,725,653	376,000			394,506	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	F4113NCE7 ORANGE SA SR UNSEC 8.125% due 01/28/2033	D-1	CURRENCY MORGAN STANLEY CAPITAL SERVICE		03/12/2003		22,030,000.00					51,446			(3,418,503)	3,869,383	376,000			394,675	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	F9686MAC1 VEOLIA ENVIRONNEMENT SA SR UNSEC 6.125% due 11/25/2033	D-1	CURRENCY MORGAN STANLEY CAPITAL SERVICE		02/05/2004		12,600,000.00					35,010			1,190,659	2,146,875	188,000			232,870	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	G1745*ACS BROOKFIELD UTILITIES ISSUER UK C- SR-SEC 4.26% due 04/17/2025	D-1	CURRENCY CITIBANK NA		03/13/2013		52,220,000.00					161,517			11,103,744	2,894,656	2,887,500			586,709	
FX Swap	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		05/30/2013		38,013,514.00								8,151,328	1,244,172	2,067,450			435,585	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	6211 Er langen OIA	D-2	CURRENCY DEUTSCHE BK AG		11/20/2013		21,739,940.08					113,595			4,499,707	565,432	301,921			155,400	
FX Swap	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		03/19/2014		17,005,280.59					43,579			4,099,514	250,315	1,130,674			152,360	
FX Swap	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		04/10/2014		11,739,000.00					46,517			4,381,532	1,166,519	577,500			178,163	
FX Swap	CURRENCY SWAP - PAY FIXED NZD RECEIVE FIXED USD	07724#AJ7 POWERCO LTD SR-SEC 6.62% due 04/15/2027	D-1	CURRENCY DEUTSCHE BK AG		07/02/2014		43,800,000.00					(2,313)			13,231,802	3,394,952	3,825,000			581,231	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	Q1297#AFS CSL FINANCE PTY LTD B-SR 1.93% due 11/12/2024	D-1	CURRENCY CITIBANK NA		09/17/2014		25,926,000.00					139,638			5,228,281	1,386,941	376,000			278,687	

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FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	Q1297#AG3 CSL FINANCE PTY LTD C-SR 2.1% due 11/12/2026 66596#A44	D-1	CURRENCY CITIBANK NA		09/17/2014		25,930,000.00					137,082			5,681,001	1,942,165	376,000			333,629	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	NORTH WEST ELECTRICITY NETWORK 1-SR- SEC 4.07% due 12/20/2029	D-1	CURRENCY CITIBANK NA		10/08/2014		19,280,400.00					70,524			6,481,790	1,931,783	990,000			300,687	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 711700	B-1	CURRENCY CITIBANK NA		12/18/2014		136,485,700.00					417,747			30,731,092	2,401,525	7,185,750			921,131	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 706100	B-1	CURRENCY CITIBANK NA		01/28/2015		137,890,701.19					517,436			42,637,640	16,841,131	7,405,183			2,696,933	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	66750#AD4 THE 1887 CO LTD D-SR-SEC 2.91% due 04/29/2027 Q4436#AB0	D-1	CURRENCY JP MORGAN CHASE BANK NA		02/26/2015		30,808,000.00					97,595			8,023,087	2,098,737	1,650,000			409,937	
FX Swap	CURRENCY SWAP - PAY FIXED AUD RECEIVE FIXED USD	HALLETT HILL NO. 2 PTY LTD SR-SEC 4.876% due 06/27/2027 Q1297#AJ7 CSL	D-1	CURRENCY CITIBANK NA		03/17/2015		7,376,172.45					(765)			1,457,831	508,615	834,047			99,263	
FX Swap	CURRENCY SWAP - PAY FIXED CHF RECEIVE FIXED USD	FINANCE PTY LTD SR 0.955% due 10/08/2025 87318#A48 T-C	D-1	CURRENCY CITIBANK NA		09/11/2015		51,203,277.00					362,099			3,241,710	2,977,969	(284,485)			601,831	
FX Swap	CURRENCY SWAP - PAY FIXED AUD RECEIVE FIXED USD	MT OMMANEY CENTRE HOLDING PRIN MAT/AFFIL HENDERSIN/SH CNT NA-01A% due 10/10/2024 NA-01A% due 10/10/2024	D-1	CURRENCY JP MORGAN CHASE BANK NA		10/21/2015		22,536,815.63					(11,906)			3,141,439	1,433,045	2,705,105			239,874	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 720700	B-1	CURRENCY CITIBANK NA		11/16/2015		189,430,000.00					540,570			44,878,305	11,383,468	10,281,563			2,280,500	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	78408LA*8 SC JOHNSON & SON-INC. SR- UNSEC 2.18% due 02/17/2031	D-1	CURRENCY CITIBANK NA		11/18/2015		98,512,500.00					422,297			1,404,765	10,946,961	1,739,000			1,625,487	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 718500	B-1	CURRENCY CITIBANK NA		11/18/2015		102,465,000.00					348,170			19,324,694	744,839	5,568,750			464,472	

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FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 719700	B-1	JP MORGAN CHASE BANK NA		12/09/2015		63,414,328.32					213,702			16,044,163	4,793,590	3,376,388				1,042,004	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	F1840#AB8 CHANEL SAS PRIN AT MAT 2.044% due 03/30/2028	D-1	JP MORGAN CHASE BANK NA		01/15/2016		82,087,500.00					318,650			1,752,418	7,023,520	1,410,000				1,161,091	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	G2730#AD4 DERIEMT LONDON PLC SR-UNSEC 3.57% due 05/04/2031	D-1	CITIBANK NA		02/04/2016		65,655,000.00					202,476			15,460,818	6,907,534	3,712,500				1,093,635	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	G2730#AC6 DERIEMT LONDON PLC SR-UNSEC 3.46% due 05/04/2028	D-1	CITIBANK NA		02/04/2016		21,885,000.00					62,607			4,633,576	1,720,846	1,237,500				311,403	
FX Swap	CURRENCY SWAP - PAY FIXED SEK RECEIVE FIXED USD	707801A NOVA LUND O1A O1A	D-2, BA-1	CITIBANK NA		02/11/2016		89,056,357.41					297,320			15,451,308	3,219,729	4,250,841				721,768	
FX Swap	CURRENCY SWAP - PAY FIXED CAD RECEIVE FIXED USD	390730AL3 GREAT LAKES POWER LTD 4- SR-SEC 3.2355% due 06/16/2023	D-1	ROYAL BANK OF CANADA		03/16/2016		37,425,149.70					55,128			2,762,948	198,630	2,975,459				335,313	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	8061 70 St Mary Axe O1A	D-2	JP MORGAN CHASE BANK NA		04/13/2016		42,666,000.00					117,806			5,470,515	153,968	1,987,000				151,466	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	G9006#AK2 TRANSMISSION FINANCE DAC Corporate Bond 1.93% due 05/04/2029	D-1	JP MORGAN CHASE BANK NA		04/13/2016		73,333,000.00					330,484			5,980,899	7,028,740	1,222,000				1,106,006	
FX Swap	CURRENCY SWAP - PAY FIXED CAD RECEIVE FIXED USD	386435AB7 GRAND RENEWABLE SOLAR LP 3.926% Due 1/31/2035	D-1	JP MORGAN CHASE BANK NA		05/31/2016		25,453,421.02					24,034			3,053,676	679,187	1,978,608				490,376	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	JJ31 3.926% due 01/31/2035 87287*AA9 TC UK RE Holdings I LLC FIXED INTEREST LOAN A NA-01A% due 06/17/2023	D-1	HSBC BANK USA		06/20/2016		34,075,436.81					128,952			6,682,635	1,393,704	1,919,579				305,432	

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FX Swap	CURRENCY SWAP - PAY FIXED SEK RECEIVE FIXED USD	W2710@AB6 ELLEVI0 AB 2.78% Due 10/26/2028 FA28 2.78% due 10/26/2028	D-1	CURRENCY BANK OF AMERICA NA		09/08/2016		75,000,000.00					210,088			15,136,222	6,979,463	3,599,069			1,098,314	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 803400 LV3759195	B-1	CURRENCY JP MORGAN CHASE BANK NA		09/13/2016		62,916,300.00					178,301			7,498,963	3,763,373	3,935,250			804,813	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	REPUBLIC OF INDONESIA SR UNSEC 3.75% due 06/14/2028 07677@AA5	D-1	CURRENCY JP MORGAN CHASE BANK NA		09/29/2016		5,614,000.00					34,896			605,054	549,476	94,000			80,434	
FX Swap	CURRENCY SWAP - PAY FLOATING AUD RECEIVE FIXED USD	PLENARY HEALTH FINANCE CO PTY SERIES A 3.95% due 07/02/2040 LV3759195	D-1	CURRENCY CITIBANK NA		10/04/2016		143,980,737.70					370,758			49,779,172	24,268,843	16,292,501			3,240,826	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	REPUBLIC OF INDONESIA SR UNSEC 3.75% due 06/14/2028 LV3759195	D-1	CURRENCY JP MORGAN CHASE BANK NA		10/05/2016		5,600,000.00					35,280			603,970	548,452	94,000			80,233	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	REPUBLIC OF INDONESIA SR UNSEC 3.75% due 06/14/2028 G4273*AM7	D-1	CURRENCY JP MORGAN CHASE BANK NA		10/11/2016		16,596,000.00					98,396			1,373,044	1,619,364	282,000			237,777	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	HAMMERSON PLC 1.79% Due 1/11/2028 JJ11 1.79% due 01/11/2028	D-1	CURRENCY CITIBANK NA		10/13/2016		36,356,100.00					175,263			2,093,699	3,020,765	620,400			507,239	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	031100#0 AMETEK INC SERIES Q 1.53% due 10/31/2028	D-1	CURRENCY JP MORGAN CHASE BANK NA		10/14/2016		22,036,000.00					99,706			1,231,346	1,955,113	376,000			322,957	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	031100#0 AMETEK-INC. SERIES S 2.7% due 11/23/2031	D-1	CURRENCY JP MORGAN CHASE BANK NA		10/14/2016		8,554,000.00					17,216			301,402	789,664	577,500			146,013	

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FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	G1745*AR2 BROOKFIELD UTILITIES ISSUER UK 2.62% Due 11/10/2026 MN10 2.62% due	D-1	CURRENCY CITIBANK NA		10/19/2016		12,295,000.00					25,997			348,391	711,645	825,000			158,129	
FX Swap	CURRENCY SWAP - PAY FLOATING GBP RECEIVE FIXED USD	G0566*AD1 ARQIVA PP FINANCING PLC Flt % Due 12/31/2029 JD31 3.05113% due	D-1	CURRENCY CITIBANK NA		11/01/2016		42,926,594.97								1,986,804	3,152,270	2,898,072			670,497	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	831401A Vicolungo I TSO 01A	D-2, BA-1	CURRENCY JP MORGAN CHASE BANK NA		12/07/2016		53,700,000.00					242,271			(360,025)	997,970	4,756,000			349,375	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 719700	B-1	CURRENCY JP MORGAN CHASE BANK NA		12/21/2016		8,757,795.86					33,257			1,310,283	1,131,695	581,860			143,905	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 804100	B-1	CURRENCY JP MORGAN CHASE BANK NA		12/29/2016		201,976,500.00					694,936			13,721,226	12,758,422	13,612,500			2,636,633	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 834800	B-1	CURRENCY CITIBANK NA		01/13/2017		87,845,225.00					258,079			3,804,625	5,506,722	5,965,781			1,145,131	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 834200	B-1	CURRENCY JP MORGAN CHASE BANK NA		02/06/2017		174,418,886.40					584,955			14,193,544	11,328,030	11,559,735			2,314,558	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	B080JRO LIBERTY MUTUAL FIN EU CO. GUARNT 1.75% due 03/27/2024 N8502#AB3 TELEDYNE NETHERLANDS B.V. 1.09% Due 4/18/2024	D-1	CURRENCY CITIBANK NA		03/20/2017		10,750,000.00					65,833			252,469	487,124	188,000			107,389	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	A018 1.09% due 04/18/2024 B9550#AA9 UMICORE SA/NV SR-UNSEC 1.84% due 12/07/2027	D-1	CURRENCY CITIBANK NA		03/29/2017		34,387,200.00					198,101			737,382	1,539,342	601,600			346,102	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	B9550#AB7 UMICORE SA/NV SR-UNSEC 2.05% due 12/07/2029	D-1	CURRENCY JP MORGAN CHASE BANK NA		04/05/2017		42,660,000.00					225,922			1,614,858	3,515,069	752,000			591,515	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	B9550#AB7 UMICORE SA/NV SR-UNSEC 2.05% due 12/07/2029	D-1	CURRENCY JP MORGAN CHASE BANK NA		04/05/2017		69,322,500.00					349,588			3,198,212	7,061,437	1,222,000			1,079,137	

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FX Swap	CURRENCY SWAP - PAY FIXED JPY 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		05/01/2017		75,080,443.33					564,448			9,357,720	8,372,904	(812,456)			1,306,947	
FX Swap	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		70,075,080.44					531,265			5,029,956	4,643,550	(758,293)			934,594	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	BD2C5M1 TRINITY ACQUISITION PLC CO. GUARNT 2.125% due 05/26/2022 JK3336864	D-1	CURRENCY CITIBANK NA		05/18/2017		22,226,000.00					156,728			918,754	515,973	376,000			163,078	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	LIBERTY MUTUAL GROUP INC CO. GUARNT 2.75% due 05/04/2026 BDBP052 I VORY COAST SR UNSEC 5.125% due 06/15/2025	D-1	CURRENCY JP MORGAN CHASE BANK NA		05/19/2017		22,380,000.00					133,221			1,802,197	1,585,663	376,000			276,280	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	MORTGAGE LOAN 841800	B-1	CURRENCY JP MORGAN CHASE BANK NA		06/09/2017		59,423,640.00					216,847			4,990,000	2,490,462	3,851,100			633,441	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 706100	B-1	CURRENCY JP MORGAN CHASE BANK NA		07/10/2017		14,621,853.96					52,986			2,325,403	1,575,162	938,389			285,981	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 844700	B-1	CURRENCY JP MORGAN CHASE BANK NA		07/28/2017		155,433,222.00					651,718			16,842,347	6,862,069	9,805,950			1,656,878	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	G7605#AA1 TANK & RAST GRUPPE GMBH CO KG 2.29% Due 10/18/2032 A018 2.29% due 10/18/2032	D-1	CURRENCY JP MORGAN CHASE BANK NA		09/13/2017		23,834,000.00					126,764			3,574,820	1,980,971	376,000			422,321	
FX Swap	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		09/13/2017		47,668,000.00					237,265			8,614,318	6,468,902	752,000			970,109	

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SCHEDULE DB - PART A - SECTION 1

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FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 803401	B-1	CURRENCY JP MORGAN CHASE BANK NA		10/05/2017			76,163,020.00				234,650			9,211,746	4,516,895	4,787,937			974,262	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 849400	B-1	CURRENCY BARCLAYS BANK PLC		11/13/2017			199,888,650.00				658,296			16,835,378	4,833,117	12,601,875			1,678,921	
FX Swap	CURRENCY SWAP - PAY FLOATING AUD RECEIVE FIXED USD	06568#AE1 NETWORK FINANCE CO PTY LTD 3.64% Due 2/14/2030 JAJ03	D-1	CURRENCY JP MORGAN CHASE BANK NA		11/16/2017			56,925,000.00				233,393			21,370,816	7,571,963	6,498,750			894,746	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 718500	B-1	CURRENCY CITIBANK NA		11/28/2017			33,200,000.00				131,296			2,778,340	407,618	2,062,500			224,064	
FX Swap	CURRENCY SWAP - PAY FIXED AUD RECEIVE FIXED USD	06568#AA7 OSARS Western Roads Package (Private Placement) 4.87% due 09/30/2039 C5793#AK9	D-1	CURRENCY CITIBANK NA		12/11/2017			90,288,000.00				42,140			21,036,536	9,683,914	10,398,000			1,994,135	
FX Swap	CURRENCY SWAP - PAY FIXED CAD RECEIVE FIXED USD	MCCAIN FOODS LTD SR-UNSEC 3.68% due 10/23/2030 C5793#AL7	D-1	CURRENCY BANK OF AMERICA NA		01/23/2018			16,079,755.59				27,671			3,038,259	571,725	1,190,183			261,387	
FX Swap	CURRENCY SWAP - PAY FIXED CAD RECEIVE FIXED USD	MCCAIN FOODS LTD SR-UNSEC 3.79% due 10/23/2032 G1737#AB5	D-1	CURRENCY BANK OF AMERICA NA		01/23/2018			26,531,596.72				45,918			5,506,967	1,322,674	1,963,803			470,479	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	BULK INFRASTR ISSUER PLC SR-UNSEC 2.83% due 03/14/2032 G7737#AD6	D-1	CURRENCY JP MORGAN CHASE BANK NA		01/25/2018			31,427,000.00				154,897			9,434,835	3,410,872	1,815,000			543,461	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	SCOTIA GAS NETWORKS LTD 4-SR-UNSEC 3.02% due 03/14/2033 G7737#AC8	D-1	CURRENCY BANK OF AMERICA NA		01/25/2018			27,160,500.00				138,965			8,693,126	3,275,375	1,567,500			488,920	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	SCOTIA GAS NETWORKS LTD 3-SR-UNSEC 2.9% due 03/14/2030	D-1	CURRENCY BARCLAYS BANK PLC		01/25/2018			15,720,100.00				78,311			4,383,623	1,438,021	907,500			248,045	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 853700	B-1	CURRENCY HSBC BANK USA		01/29/2018			277,192,800.00				1,259,669			45,403,429	7,162,593	16,236,000			2,316,891	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 854600	B-1	CURRENCY JP MORGAN CHASE BANK NA		02/20/2018			203,101,500.00				906,409			39,419,168	9,445,083	11,962,500			2,233,737	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 855400	B-1	CURRENCY BANK OF AMERICA NA		02/21/2018			49,831,943.57				228,167			8,178,178	1,446,839	2,941,989			436,261	

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FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	N7591#AA9 ROTTERDAM WORLD GATEWAY B.V. SR-UNSEC 2.47% due 03/31/2036	D-1	CURRENCY JP MORGAN CHASE BANK NA		03/06/2018		84,320,000.00					528,706			20,889,577	9,017,874	1,278,400			1,686,977	
FX Swap	CURRENCY SWAP - PAY FLOATING GBP RECEIVE FIXED USD	MORTGAGE LOAN 855500	B-1	CURRENCY BARCLAYS BANK PLC		03/14/2018		13,385,996.95					58,900			1,494,543	(14,316)	790,965			23,760	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 855000	B-1	CURRENCY JP MORGAN CHASE BANK NA		03/19/2018		27,799,200.00					131,308			4,683,965	797,304	1,633,500			240,858	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 854900	B-1	CURRENCY JP MORGAN CHASE BANK NA		03/21/2018		323,750,700.00					1,383,513			74,154,028	22,702,387	18,983,250			4,450,514	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 803402	B-1	CURRENCY CITIBANK NA		04/10/2018		22,657,830.00					102,171			5,146,684	1,408,933	1,319,175			289,834	
FX Swap	CURRENCY SWAP - PAY FLOATING GBP RECEIVE FIXED USD	MORTGAGE LOAN 855500	B-1	CURRENCY BARCLAYS BANK PLC		04/12/2018		7,094,000.00					18,222			893,117	(8,477)	412,500			12,592	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 859500	B-1	CURRENCY BANK OF AMERICA NA		04/24/2018		72,664,800.00					333,694			21,596,703	8,472,121	4,290,000			1,312,466	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 860000 Q6568#AH4 NETWORK FINANCE CO PTY LTD SR- SEC 4.36% due	B-1	CURRENCY CITIBANK NA		05/09/2018		247,338,000.00					1,222,421			35,186,714	7,169,743	15,015,000			2,166,324	
FX Swap	CURRENCY SWAP - PAY FIXED AUD RECEIVE FIXED USD	12/13/2028	D-1	CURRENCY BANK OF AMERICA NA		06/13/2018		49,322,000.00					142,726			13,183,463	4,492,944	5,632,250			727,796	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 854600 G7996#AD2 SEGRO PLC SR- UNSEC 1.82% due	B-1	CURRENCY JP MORGAN CHASE BANK NA		06/26/2018		73,167,650.33					314,530			10,228,577	3,300,715	4,559,507			804,707	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	10/12/2028	D-1	CURRENCY CITIBANK NA		07/12/2018		36,177,000.00					233,586			6,441,999	3,347,930	582,800			528,597	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 855100 BD456G9 IVORY COAST SR UNSEC 6.625% due	B-1	CURRENCY BANK OF AMERICA NA		08/30/2018		15,177,500.00					71,589			1,797,731	689,719	963,188			157,238	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	03/22/2048	D-1	CURRENCY JP MORGAN CHASE BANK NA		09/06/2018		3,485,700.00					41,608			2,046,411	1,567,683	56,400			92,214	
FX Swap	CURRENCY SWAP - PAY FIXED CAD RECEIVE FIXED USD	12/31/2033	D-1	CURRENCY JP MORGAN CHASE BANK NA		09/07/2018		49,244,583.95					72,917			6,162,397	1,155,083	3,853,613			913,406	
FX Swap	CURRENCY SWAP - PAY FIXED AUD RECEIVE FIXED USD	MORTGAGE LOAN 867700	B-1	CURRENCY CITIBANK NA		10/01/2018		14,873,200.00					37,478			2,798,052	596,429	1,784,990			139,968	

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STATEMENT AS OF MARCH 31, 2020 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 803403 BG47ZL4	B-1	CURRENCY CREDIT AGRICOLE		10/22/2018			20,828,151.50				96,053			3,114,601	1,271,478	1,324,538			266,430	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	REPUBLIC OF KAZAKHSTAN SR UNSEC 2.375% due 11/09/2028	D-1	CURRENCY CITIBANK NA		11/05/2018			10,036,400.00				73,243			1,816,014	969,286	165,440			147,303	
FX Swap	CURRENCY SWAP - PAY FLOATING GBP RECEIVE FLOATING USD	MORTGAGE LOAN 855500	B-1	CURRENCY BARCLAYS BANK PLC		11/14/2018			7,765,200.00				21,516			316,432	2,436	495,000			13,783	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 711700 218493AA2	B-1	CURRENCY CITIBANK NA		11/15/2018			17,959,327.41				13,842			8,596,348	5,136,280	1,161,163			211,977	
FX Swap	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		11/29/2018			32,543,469.69				77,625			4,028,246	828,279	2,597,195			619,814	
FX Swap	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		11/29/2018			34,061,836.32				50,769			4,144,355	840,162	2,689,818			643,073	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 855100 479142D#5	B-1	CURRENCY BANK OF AMERICA NA		12/04/2018			16,588,000.00				75,465			1,620,215	749,016	1,072,500			171,851	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	JOHNSON MATTHEY PLC SR-UNSEC 2.54% due 12/19/2025	D-1	CURRENCY BANK OF AMERICA NA		12/10/2018			29,049,000.00				108,146			2,674,159	1,493,686	1,897,500			347,475	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	DUDGEON OFFSHORE WIND LTD SR-UNSEC 2.74% due 06/15/2032	D-1	CURRENCY CREDIT AGRICOLE		12/12/2018			42,179,954.60				160,625			5,191,844	3,202,408	2,758,717			737,137	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 849400	B-1	CURRENCY BARCLAYS BANK PLC		02/26/2019			6,631,250.00				25,581			670,805	160,169	412,500			55,698	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	MORTGAGE LOAN 876200	B-1	CURRENCY CITIBANK NA		03/06/2019			77,096,979.49				552,163			7,091,505	3,265,422	1,281,428			750,906	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	MORTGAGE LOAN 876200	B-1	CURRENCY CITIBANK NA		03/06/2019			24,702,020.51				177,699			2,220,151	1,048,615	410,572			240,592	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 879400	B-1	CURRENCY JP MORGAN CHASE BANK NA		04/15/2019			72,828,048.00				263,744			6,661,777	2,006,781	4,583,700			635,015	
FX Swap	CURRENCY SWAP - PAY FLOATING GBP RECEIVE FLOATING USD	MORTGAGE LOAN 855500	B-1	CURRENCY BARCLAYS BANK PLC		06/11/2019			8,260,850.00				20,471			190,451	3,946	536,250			14,663	

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FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 884800	B-1	CURRENCY CREDIT AGRICOLE		07/29/2019		190,378,650.00					549,243			10,474,402	11,252,903	12,828,750				2,573,080	
FX Swap	CURRENCY SWAP - PAY FLOATING GBP RECEIVE FLOATING USD	MORTGAGE LOAN 855500	B-1	CURRENCY BARCLAYS BANK PLC		09/11/2019		11,097,900.00					28,167			(76,527)	4,642	742,500				19,699	
FX Swap	CURRENCY SWAP - RECEIVE FIXED USD PAY FIXED EUR	MORTGAGE LOAN 887600	B-1	CURRENCY CITIBANK NA		10/04/2019		104,558,010.71					207,170			1,988,138	3,985,261	7,021,600				1,114,562	
FX Swap	CURRENCY SWAP - RECEIVE FIXED USD PAY FIXED EUR	MORTGAGE LOAN 887601	B-1	CURRENCY JP MORGAN CHASE BANK NA		10/04/2019		48,623,976.50					250,582			1,874,964	2,360,464	833,301				518,319	
FX Swap	CURRENCY SWAP - PAY FIXED CAD RECEIVE FIXED USD	CO237#A46 ALTIMA DENTAL CANADA HLDGS- INC 11 1/4% Due 6/15/2023 FMAN28 11.25% due	D-1	CURRENCY CITIBANK NA		11/26/2019		28,382,448.21					74,036			1,672,015	393,555	1,960,209				116,029	
FX Swap	CURRENCY SWAP - PAY FIXED GBP RECEIVE FIXED USD	MORTGAGE LOAN 887602	B-1	CURRENCY JP MORGAN CHASE BANK NA		01/21/2020		14,617,202.02								1,310,353	606,881	703,472				155,816	
FX Swap	CURRENCY SWAP - PAY FIXED EUR RECEIVE FIXED USD	XS2104985598 REPUBLIC OF PHILIPPINES 0.7% Due 2/3/2029 Ann- 2/3 0.7% due 02/03/2029	D-1	CURRENCY JP MORGAN CHASE BANK NA		01/21/2020		9,974,700.00					31,764			810,744	762,144	48,600				148,386	
1139999999. Subtotal - Swaps - Hedging Other - Foreign Exchange													23,560,926	XXX	930,832,990	393,431,083	340,016,219			XXX	XXX		
1169999999. Subtotal - Swaps - Hedging Other													(2,285,905)	XXX	952,485,844	405,472,154	340,016,219	171,190		XXX	XXX		
Replication ASWP	ASSET SWAP - RECEIVE FIXED PAY FLOATING	91282850 TSY INFL 1X N/B United States Treasury In .125 0.125% due	DB PART C-1	INTEREST RATE JP MORGAN CHASE BANK NA		11/04/2016		10,000,000.00					50,796			45,246						125,431	1
1179999999. Subtotal - Swaps - Replication - Interest Rate													50,796	XXX	45,246					XXX	XXX		
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G25 SR. TRANCHE	912810QUS US TREASURY N/B United States Treasury No 3.12 3.125% due	DB PART C-1	CREDIT BANK OF AMERICA NA		09/13/2016		25,000,000.00			184,722		61,806			6,047			(11,391)			25,000.00 0	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G27 SR. TRANCHE	912810RB6 US TREASURY N/B United States Treasury No 2.87 2.875% due	DB PART C-1	CREDIT BANK OF AMERICA NA		10/14/2016		50,000,000.00			534,722		123,611			(485,310)			(26,650)			50,000.00 0	1

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STATEMENT AS OF MARCH 31, 2020 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)
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG27 SR. TRANCHE	912810RB6 US TREASURY N/B United States Treasury No 2.87 2.875% due 05/15/2043	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		10/24/2016		50,000,000.00			661,111		123,611			(485,310)			(32,853)		50,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG27 SR. TRANCHE	912810RB6 US TREASURY N/B United States Treasury No 2.87 2.875% due 05/15/2043	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		10/25/2016		100,000,000.00			1,325,000		247,222			(970,621)			(65,874)		100,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG27 SR. TRANCHE	912810RB6 US TREASURY N/B United States Treasury No 2.87 2.875% due 05/15/2043	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		10/25/2016		125,000,000.00			1,656,250		309,028			(1,213,276)			(82,342)		125,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG27 SR. TRANCHE	912810FMS US TREASURY N/B United States Treasury No 6.25 6.25% due 05/15/2030	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		11/10/2016		125,000,000.00			1,505,556		309,028			(1,213,276)			(75,787)		125,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG27 SR. TRANCHE	912810Q17 US TREASURY N/B United States Treasury No 2.75 2.75% due 11/15/2042	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		11/16/2016		80,000,000.00			1,008,889		197,778			(776,496)			(50,840)		80,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY27 SR. TRANCHE	3136A6UR3 FNR 2012-63 ZA Z SEQ 4% due 06/25/2042	DB PART C-1	GOLDMAN SACHS BANK USA		04/06/2017		47,879,807.68			9,461,050		591,944			3,596,266			(506,146)		47,879.80	NA
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY27 SR. TRANCHE	3136A6UR3 FNR 2012-63 ZA Z SEQ 4% due 06/25/2042	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		04/10/2017		47,879,807.68			9,482,862		591,944			3,596,266			(507,849)		47,879.80	NA
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY27 SR. TRANCHE	38378DCV5 GNR 2012-16 VZ Z SEQ 3.5% due 02/20/2042	DB PART C-1	GOLDMAN SACHS BANK USA		04/12/2017		47,879,807.68			9,462,646		591,944			3,596,266			(507,930)		47,879.80	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY27 SR. TRANCHE	38378DCV5 GNR 2012-16 VZ Z SEQ 3.5% due 02/20/2042	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		04/12/2017		47,879,807.68			9,438,706		591,944			3,596,266			(506,678)		47,879.80	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY27 SR. TRANCHE	3136A6517 FNR 2012-73 ZM EXCH Z SEQ 4% due 07/25/2042	DB PART C-1	GOLDMAN SACHS BANK USA		04/17/2017		47,879,807.68			9,481,532		591,944			3,596,266			(509,774)		47,879.80	1

EO6.21

STATEMENT AS OF MARCH 31, 2020 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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Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY27 SR. TRANCHE	3136A6517 FNR 2012-73 ZM EXCH Z SEQ 4% due 07/25/2042	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		04/18/2017			47,879,807.68		9,473,818		591,944			3,596,266			(509,656)		8	47,879.80	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	9128100K7 US TREASURY IV/B United States Treasury No 3.87 3.875% due 08/15/2040	DB PART C-1	GOLDMAN SACHS BANK USA		09/27/2017			50,000,000.00		881,111		123,611			(879,295)			(42,450)		0	50,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	9128100K7 US TREASURY IV/B United States Treasury No 3.87 3.875% due 08/15/2040	DB PART C-1	JP MORGAN CHASE BANK NA		10/04/2017			60,000,000.00		1,075,000		148,333			(1,055,154)			(51,991)		0	60,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	38378CML7 GNR 2012-7 PE PAC-1-11 3.5% due 01/20/2042	DB PART C-1	GOLDMAN SACHS BANK USA		10/11/2017			50,000,000.00		905,556		123,611			(879,295)			(43,924)		0	50,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	2013-23 ZC Z SEQ 3% due 02/20/2043	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		10/12/2017			50,000,000.00		881,944		123,611			(879,295)			(42,816)		0	50,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3137BGJ99 FHR 4444 CZ Z SEQ 3% due 02/15/2045	DB PART C-1	JP MORGAN CHASE BANK NA		10/12/2017			50,000,000.00		881,944		123,611			(879,295)			(42,816)		0	50,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3137BIV50 FHR 4663 ZK Z SEQ 3.5% due 06/15/2046	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		10/16/2017			50,000,000.00		902,500		123,611			(879,295)			(43,845)		0	50,000.00	NA
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3137BWHK3 FHR 4665 NZ Z SEQ 3.5% due 02/15/2047	DB PART C-1	GOLDMAN SACHS BANK USA		10/16/2017			50,000,000.00		902,500		123,611			(879,295)			(43,845)		0	50,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3137BDC53 FHR 4377 LZ Z SEQ 3% due 08/15/2044	DB PART C-1	GOLDMAN SACHS BANK USA		10/19/2017			50,000,000.00		916,667		123,611			(879,295)			(44,637)		0	50,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3136A9LMB FNR 2012-114 ZG Z SEQ 3.5% due 10/25/2042	DB PART C-1	GOLDMAN SACHS BANK USA		10/25/2017			100,000,000.00		1,840,000		247,222			(1,758,590)			(89,870)		00	100,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3136AKS53 FNR 2014-53 VZ Z SEQ 3.5% due 09/25/2044	DB PART C-1	JP MORGAN CHASE BANK NA		11/07/2017			100,000,000.00		1,876,111		247,222			(1,758,590)			(92,128)		00	100,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	38377MTH9 GNR 2010-144 DC EXCH PAC-1-11 4% due 11/16/2040	DB PART C-1	JP MORGAN CHASE BANK NA		11/07/2017			50,000,000.00		923,056		123,611			(879,295)			(45,337)		0	50,000.00	1

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STATEMENT AS OF MARCH 31, 2020 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE DB - PART A - SECTION 1

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Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3137BVEK8 FHR 4655 HZ EXCH Z SEQ 3.5% due	DB PART C-1	GOLDMAN SACHS BANK USA		11/07/2017		50,000,000.00			923,056		123,611			(879,295)			(45,337)		50,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3136AK6N8 FNR 2014-65 CB SEQ 3% due	DB PART C-1	GOLDMAN SACHS BANK USA		11/08/2017		100,000,000.00			1,838,889		247,222			(1,758,590)			(90,463)		100,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3136AJK96 FNR 2014-28 ZA Z SEQ 3% due	DB PART C-1	JP MORGAN CHASE BANK NA		11/08/2017		30,000,000.00			551,667		74,167			(527,577)			(27,139)		30,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	38378MBJ3 GNR 2013-23 ZU SC Z SEQ 2.5% due	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		11/09/2017		50,000,000.00			895,833		123,611			(879,295)			(44,108)		50,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3136AH2L2 FNR 2014-7 Z Z SEQ 3.5% due	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		11/14/2017		50,000,000.00			902,778		123,611			(879,295)			(44,513)		50,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	38377WBA1 GNR 2011-73 LB PAC-11 4% due	DB PART C-1	GOLDMAN SACHS BANK USA		11/14/2017		50,000,000.00			902,778		123,611			(879,295)			(44,513)		50,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3137BWD24 FHR 4668 ZA Z SEQ 3.5% due	DB PART C-1	JP MORGAN CHASE BANK NA		11/14/2017		50,000,000.00			902,778		123,611			(879,295)			(44,513)		50,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3136A92X5 FNR 2012-118 ZV Z SEQ 3% due	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		11/15/2017		50,000,000.00			879,167		123,611			(879,295)			(43,431)		50,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3136AF2E7 FNR 2013-80 ZV Z SEQ 4% due	DB PART C-1	JP MORGAN CHASE BANK NA		11/15/2017		30,000,000.00			527,500		74,167			(527,577)			(26,059)		30,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3136AGT05 FNR 2013-100 CZ Z SEQ 4% due	DB PART C-1	JP MORGAN CHASE BANK NA		02/02/2018		50,000,000.00			977,500		123,611			(879,295)			(50,295)		50,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	38378FT67 GNR 2013-18 GY PAC-1-11 2.5% due	DB PART C-1	GOLDMAN SACHS BANK USA		02/05/2018		50,000,000.00			981,667		123,611			(879,295)			(50,534)		50,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3136AEX1 FNR 2013-53 ZC Z SEQ 3% due	DB PART C-1	JP MORGAN CHASE BANK NA		02/05/2018		50,000,000.00			961,667		123,611			(879,295)			(49,515)		50,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3137B2BBS FHR 4199 VZ Z SEQ 3.5% due	DB PART C-1	JP MORGAN CHASE BANK NA		02/05/2018		25,000,000.00			458,333		61,806			(439,648)			(23,612)		25,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3136ALD21 FNR 2014-60 LZ Z SEQ 3.5% due	DB PART C-1	JP MORGAN CHASE BANK NA		02/05/2018		50,000,000.00			841,667		123,611			(879,295)			(43,403)		50,000,000	1

EO6.23

STATEMENT AS OF MARCH 31, 2020 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	3136ACS85 FNR 2013-15 MZ Z SEQ 3.5% due 03/25/2043	DB PART C-1	GOLDMAN SACHS BANK USA		02/05/2018		25,000,000.00			425,833		61,806			(439,648)			(21,956)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	3136AKKH9 FNR 2017-31 GB PAC 3% due 05/25/2047	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		02/06/2018		25,000,000.00			444,028		61,806			(439,648)			(22,895)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	3136ACI98 FNR 2013-15 LZ EXCH SC Z PAC SEQ 3% due 03/25/2043	DB PART C-1	GOLDMAN SACHS BANK USA		02/06/2018		25,000,000.00			436,528		61,806			(439,648)			(22,513)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	3136A8AZ3 FNR 2012-98 VZ Z SEQ 4% due 09/25/2042	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		02/06/2018		25,000,000.00			431,528		61,806			(439,648)			(22,258)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	38378U711 GNR 2013-170 LB EXCH SEQ 2.5% due 11/20/2043	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		02/07/2018		25,000,000.00			434,722		61,806			(439,648)			(22,457)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	3136A6XD1 FNR 2012-56 ZM Z SEQ 4% due 06/25/2042	DB PART C-1	GOLDMAN SACHS BANK USA		02/08/2018		25,000,000.00			437,917		61,806			(439,648)			(22,633)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	3137BD9R8 FHR 4385 HZ Z SEQ 3% due 09/15/2044	DB PART C-1	JP MORGAN CHASE BANK NA		02/08/2018		25,000,000.00			412,917		61,806			(439,648)			(21,356)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	3136A2CX9 FNR 2011-110 EN EXCH AD PAC-11 4.5% due 11/25/2041	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		02/08/2018		25,000,000.00			410,417		61,806			(439,648)			(21,228)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	3137BVX04 FHR 4661 GZ Z SEQ 3% due 02/15/2047	DB PART C-1	JP MORGAN CHASE BANK NA		02/08/2018		25,000,000.00			407,917		61,806			(439,648)			(21,101)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	3136ADH05 FNR 2013-32 ZB Z SEQ 4% due 04/25/2043	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		02/08/2018		25,000,000.00			380,417		61,806			(439,648)			(19,697)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	3137AV3V7 FHR 4122 ZJ Z SEQ 3.5% due 10/15/2042	DB PART C-1	JP MORGAN CHASE BANK NA		02/08/2018		25,000,000.00			380,417		61,806			(439,648)			(19,697)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	3136AWND0 FNR 2017-30 ZG Z SEQ 3% due 05/25/2047	DB PART C-1	JP MORGAN CHASE BANK NA		02/09/2018		25,000,000.00			373,611		61,806			(439,648)			(19,360)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G29 SR. TRANCHE	38378DDK8 GNR 2012-16 ZP Z PAC-11 3.5% due 02/20/2042	DB PART C-1	GOLDMAN SACHS BANK USA		02/09/2018		25,000,000.00			348,611		61,806			(439,648)			(18,083)		25,000.00	1

EO6.24

STATEMENT AS OF MARCH 31, 2020 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3137BGFZ7 FHR 4440 ZX SC Z PT 4% due 01/15/2045	DB PART C-1	CREDIT CITIBANK NA		02/09/2018		25,000,000.00			336,111		61,806			(439,648)			(17,444)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	38377XGA4 GNR 2011-93 PE PAC-1-11 4% due 07/20/2041	DB PART C-1	CREDIT JP MORGAN CHASE BANK NA		02/09/2018		25,000,000.00			348,611		61,806			(439,648)			(18,083)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3136A6R30 FNR 2012-75 CE PAC-11 3% due 07/25/2042	DB PART C-1	CREDIT JP MORGAN CHASE BANK NA		03/22/2018		25,000,000.00			389,583		61,806			(439,648)			(20,630)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3136AWX14 FNR 2017-41 Z Z SEQ 3% due 06/25/2047	DB PART C-1	CREDIT JP MORGAN CHASE BANK NA		03/22/2018		75,000,000.00			1,168,750		185,417			(1,318,943)			(61,891)		75,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3137B9FEO FHR 4314 GZ Z SEQ 3% due 03/15/2044	DB PART C-1	CREDIT JP MORGAN CHASE BANK NA		03/23/2018		75,000,000.00			1,073,333		185,417			(1,318,943)			(56,933)		75,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3136AB2N2 FNR 2013-11 Z Z SEQ 3% due 02/25/2043	DB PART C-1	CREDIT JP MORGAN CHASE BANK NA		03/23/2018		25,000,000.00			345,278		61,806			(439,648)			(18,324)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG29 SR. TRANCHE	3136AWOQ0 FNR 2017-30 ZG Z SEQ 3% due 05/25/2047	DB PART C-1	CREDIT JP MORGAN CHASE BANK NA		03/28/2018		80,000,000.00			1,076,000		197,778			(1,406,872)			(57,287)		80,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3137BVK70 FHR 4660 LA SEQ 3% due 02/15/2047	DB PART C-1	CREDIT MORGAN STANLEY CAPITAL SERVICE		10/03/2018		25,000,000.00			412,500		61,806			(348,683)			(19,555)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3137BVK70 FHR 4660 LA SEQ 3% due 02/15/2047	DB PART C-1	CREDIT JP MORGAN CHASE BANK NA		10/04/2018		50,000,000.00			800,000		123,611			(697,365)			(38,217)		50,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	912810QK7 US TREASURY N/B United States Treasury No 3.87 3.875% due 08/15/2040	DB PART C-1	CREDIT GOLDMAN SACHS BANK USA		10/04/2018		25,000,000.00			398,750		61,806			(348,683)			(19,049)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3136AVHM4 FNR 2017-4 ZA Z SEQ 3.5% due 02/25/2047	DB PART C-1	CREDIT JP MORGAN CHASE BANK NA		10/04/2018		25,000,000.00			382,500		61,806			(348,683)			(18,278)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3136AVSF7 FNR 2017-11 ZE Z SEQ 3% due 03/25/2047	DB PART C-1	CREDIT MORGAN STANLEY CAPITAL SERVICE		10/05/2018		50,000,000.00			737,500		123,611			(697,365)			(35,270)		50,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	912810QT8 US TREASURY N/B United States Treasury No 3.12 3.125% due 11/15/2041	DB PART C-1	CREDIT GOLDMAN SACHS BANK USA		10/05/2018		25,000,000.00			380,000		61,806			(348,683)			(18,169)		25,000.00	1

EO6.25

STATEMENT AS OF MARCH 31, 2020 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)
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3137BWV35 FHR 4663 Z Z SEQ 3% due 03/15/2047	DB PART C-1	GOLDMAN SACHS BANK USA		10/09/2018		25,000,000.00			356,250		61,806			(348,683)			(17,077)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3137BWV35 FHR 4663 Z Z SEQ 3% due 03/15/2047	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		10/09/2018		25,000,000.00			356,250		61,806			(348,683)			(17,077)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	912810Q18 US TREASURY N/B United States Treasury No 3.12 3.125% due 11/15/2041	DB PART C-1	GOLDMAN SACHS BANK USA		10/10/2018		25,000,000.00			350,000		61,806			(348,683)			(16,788)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	912810Q18 US TREASURY N/B United States Treasury No 3.12 3.125% due 11/15/2041	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		10/10/2018		25,000,000.00			350,000		61,806			(348,683)			(16,788)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	912810Q18 US TREASURY N/B United States Treasury No 3.12 3.125% due 11/15/2041	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		10/10/2018		25,000,000.00			335,000		61,806			(348,683)			(16,075)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	912810Q18 US TREASURY N/B United States Treasury No 3.12 3.125% due 11/15/2041	DB PART C-1	JP MORGAN CHASE BANK NA		10/10/2018		25,000,000.00			325,000		61,806			(348,683)			(15,600)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	912810Q18 US TREASURY N/B United States Treasury No 3.12 3.125% due 11/15/2041	DB PART C-1	GOLDMAN SACHS BANK USA		10/11/2018		25,000,000.00			317,500		61,806			(348,683)			(15,251)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	912810Q18 US TREASURY N/B United States Treasury No 3.12 3.125% due 11/15/2041	DB PART C-1	JP MORGAN CHASE BANK NA		10/11/2018		25,000,000.00			315,000		61,806			(348,683)			(15,132)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	38378WVNO GNR 2013-124 BZ Z SEQ 3.5% due 08/20/2043	DB PART C-1	CITIBANK NA		10/11/2018		25,000,000.00			325,000		61,806			(348,683)			(15,608)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3136AVH93 FNR 2017-17 ZL Z SEQ 3% due 03/25/2047	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		10/11/2018		25,000,000.00			325,000		61,806			(348,683)			(15,608)		25,000.00	1

EO6.26

STATEMENT AS OF MARCH 31, 2020 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)
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	912810GSO US TREASURY N/B United States Treasury No 3.75 3.75% due 08/15/2041 38378P677 GNR	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		10/11/2018		25,000,000.00			305,000		61,806			(348,683)			(14,657)		25,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	2014-12 AY EXCH SEQ 3% due 01/20/2044 38377RK07 GNR	DB PART C-1	JP MORGAN CHASE BANK NA		10/11/2018		25,000,000.00			325,000		61,806			(348,683)			(15,608)		25,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	2010-163 DC EXCH PAC-1-11 4% due 12/16/2040 38377RK07 GNR	DB PART C-1	GOLDMAN SACHS BANK USA		10/15/2018		25,000,000.00			336,250		61,806			(348,683)			(16,176)		25,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	2010-163 DC EXCH PAC-1-11 4% due 12/16/2040 912810Q18 US TREASURY N/B United States Treasury No 3.12 3.125% due 11/15/2041 3137B1V64 FHR	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		10/15/2018		25,000,000.00			345,000		61,806			(348,683)			(16,593)		25,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	4209 VZ Z SEQ 4% due 05/15/2043 38378PF78 GNR	DB PART C-1	JP MORGAN CHASE BANK NA		10/15/2018		25,000,000.00	72,636,057.69		14,643,429		898,007			10,602,684			(699,441)		72,636,058	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	2014-12 NZ Z SEQ 3% due 01/20/2044 3137APEN6 FHR	DB PART C-1	GOLDMAN SACHS BANK USA		10/17/2018		50,000,000.00			710,000		123,611			(697,365)			(34,175)		50,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	4028 ZA Z SEQ 4% due 04/15/2042 3137A3HY8 FHR	DB PART C-1	GOLDMAN SACHS BANK USA		10/17/2018		48,424,038.46			9,810,710		598,671			7,068,456			(469,207)		48,424,038	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3751 PE PAC-11 4.5% due 11/15/2040 38378CLR6 GNR	DB PART C-1	GOLDMAN SACHS BANK USA		10/18/2018		25,000,000.00			350,000		61,806			(348,683)			(16,857)		25,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	2012-13 ZK Z SEQ 3.5% due 01/20/2042 3137A3HY8 FHR	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		10/18/2018		72,636,057.69			14,650,693		898,007			10,602,684			(700,929)		72,636,058	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3751 PE PAC-11 4.5% due 11/15/2040 38376PZK9 GNR	DB PART C-1	GOLDMAN SACHS BANK USA		10/18/2018		25,000,000.00			347,500		61,806			(348,683)			(16,738)		25,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	2009-116 LN PAC-1-11 5% due 12/16/2039	DB PART C-1	GOLDMAN SACHS BANK USA		10/18/2018		50,000,000.00			665,000		123,611			(697,365)			(32,043)		50,000,000	1

E06.27

STATEMENT AS OF MARCH 31, 2020 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE DB - PART A - SECTION 1

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Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3136AVTB5 FNR 2017-11 B EXCH SEQ 3% due 03/25/2047	DB PART C-1	JP MORGAN CHASE BANK NA		10/18/2018		50,000,000.00			625,000		123,611			(697,365)			(30,134)		50,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	38378PG77 GNR 2014-12 AY EXCH SEQ 3% due 01/20/2044	DB PART C-1	JP MORGAN CHASE BANK NA		10/19/2018		50,000,000.00			645,000		123,611			(697,365)			(31,105)		50,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	3137B5YC1 FHR 4267 ZY Z SEQ 4.5% due 11/15/2043	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		10/19/2018		96,848,076.93			19,495,518		1,197,342			14,136,912			(933,141)		96,848.07	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	3136A1WF51 FNR 2017-46 ZA Z SEQ 3% due 06/25/2047	DB PART C-1	JP MORGAN CHASE BANK NA		10/19/2018		96,848,076.93			19,495,518		1,197,342			14,136,912			(933,141)		96,848.07	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3137B8C9 FHR 4354 GL EXCH SEQ 3.5% due 06/15/2044	DB PART C-1	JP MORGAN CHASE BANK NA		10/22/2018		50,000,000.00			680,000		123,611			(697,365)			(32,826)		50,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3137B8C9 FHR 4354 GL EXCH SEQ 3.5% due 06/15/2044	DB PART C-1	GOLDMAN SACHS BANK USA		10/22/2018		25,000,000.00			327,500		61,806			(348,683)			(15,815)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	912810FP8 US TREASURY N/B United States Treasury No 5.37 5.375% due 02/15/2031	DB PART C-1	JP MORGAN CHASE BANK NA		10/22/2018		96,848,076.93			19,500,360		1,197,342			14,136,912			(934,888)		96,848.07	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	912810Q78 US TREASURY N/B United States Treasury No 3.12 3.125% due 11/15/2041	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		10/22/2018		96,848,076.93			19,495,518		1,197,342			14,136,912			(934,646)		96,848.07	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	912810Q80 US TREASURY N/B United States Treasury No 3.75 3.75% due 08/15/2041	DB PART C-1	JP MORGAN CHASE BANK NA		10/22/2018		96,848,076.93			19,437,409		1,197,342			14,136,912			(931,743)		96,848.07	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3137APB19 FHR 4033 ZE Z SEQ 4% due 04/15/2042	DB PART C-1	JP MORGAN CHASE BANK NA		10/22/2018		25,000,000.00			325,000		61,806			(348,683)			(15,696)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3137AUFJ3 FHR 4107 HY EXCH PAC-11 3% due 09/15/2042	DB PART C-1	GOLDMAN SACHS BANK USA		10/22/2018		25,000,000.00			325,000		61,806			(348,683)			(15,696)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3137BAG63 FHR 4323 VZ Z SEQ 4% due 04/15/2044	DB PART C-1	GOLDMAN SACHS BANK USA		10/22/2018		25,000,000.00			320,000		61,806			(348,683)			(15,456)		25,000.00	1

EO6.28

STATEMENT AS OF MARCH 31, 2020 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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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)	
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3137BWP57 FHR 4666 VZ Z SEQ 3% due	DB PART C-1	GOLDMAN SACHS BANK USA		10/23/2018		25,000,000.00			295,000		61,806			(348,683)			(14,268)		25,000.00	0	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	3136A2CX9 FNR 2011-110 EW EXCH AD PAC-11 4.5% due	DB PART C-1	GOLDMAN SACHS BANK USA		10/23/2018		48,424,038.46			9,641,226		598,671			7,068,456			(462,250)		48,424.03	8	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	3137ARW29 FHR 4057 ZB Z SEQ 3.5% due	DB PART C-1	GOLDMAN SACHS BANK USA		10/23/2018		48,424,038.46			9,626,699		598,671			7,068,456			(461,524)		48,424.03	8	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	3136A8D64 FNR 2012-103 ZC EXCH Z SEQ 3.5% due	DB PART C-1	JP MORGAN CHASE BANK NA		10/23/2018		48,424,038.46			9,641,226		598,671			7,068,456			(462,250)		48,424.03	8	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	38377RBJ3 GNR 2010-158 DG PAC-11 4% due	DB PART C-1	GOLDMAN SACHS BANK USA		10/24/2018		25,000,000.00			312,500		61,806			(348,683)			(15,113)		25,000.00	0	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	3136A6V42 FNR 2012-76 ZG Z SEQ 4% due	DB PART C-1	BNP PARIBAS		10/24/2018		48,424,038.46			9,675,123		598,671			7,068,456			(464,193)		48,424.03	8	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	38375G0P9 GNR 2012-94 BZ Z SEQ 3.5% due	DB PART C-1	JP MORGAN CHASE BANK NA		10/24/2018		96,848,076.93			19,359,931		1,197,342			14,136,912			(928,870)		96,848.07	7	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	38377NGC2 GNR 2010-151 DG PAC-1-11 4% due	DB PART C-1	GOLDMAN SACHS BANK USA		10/24/2018		25,000,000.00			292,500		61,806			(348,683)			(14,156)		25,000.00	0	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	3137BTCW9 FHR 4639 AZ Z SEQ 3% due	DB PART C-1	JP MORGAN CHASE BANK NA		10/24/2018		96,848,076.93			19,306,664		1,197,342			14,136,912			(925,269)		96,848.07	7	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	3136AJPR1 FNR 2014-19 ZJ Z SEQ 4.5% due	DB PART C-1	GOLDMAN SACHS BANK USA		10/24/2018		48,424,038.46			9,604,908		598,671			7,068,456			(460,683)		48,424.03	8	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3136ABQ22 FNR 2013-6 ZM Z SEQ 3.5% due	DB PART C-1	JP MORGAN CHASE BANK NA		10/25/2018		50,000,000.00			595,000		123,611			(697,365)			(28,805)		50,000.00	0	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	3136ALEY3 FNR 2014-66 VZ Z SEQ 3% due	DB PART C-1	GOLDMAN SACHS BANK USA		10/25/2018		48,424,038.46			9,628,851		598,671			7,068,456			(463,123)		48,424.03	8	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3137BGY78 FHR 4447 ZX SC Z PT 4% due	DB PART C-1	BNP PARIBAS		10/26/2018		50,000,000.00			535,000		123,611			(697,365)			(25,945)		50,000.00	0	1

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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)	
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	38378WCM3 GNR 2013-122 BM EXCH PAC-1-11 3.5% due 08/16/2043	DB PART C-1	GOLDMAN SACHS BANK USA		10/26/2018		48,424,038.46			9,565,899		598,671			7,068,456			(460,216)		8	1	48,424,038
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	912810Q7 US TREASURY N/B United States Treasury No 2.75 2.75% due 11/15/2042	DB PART C-1	GOLDMAN SACHS BANK USA		10/29/2018		25,000,000.00			297,500		61,806			(348,683)			(14,431)		0	1	25,000,000
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	912810Q7 US TREASURY N/B United States Treasury No 2.75 2.75% due 11/15/2042	DB PART C-1	JP MORGAN CHASE BANK NA		10/29/2018		96,848,076.93			19,272,767		1,197,342			14,136,912			(927,002)		7	1	96,848,077
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	31378D5W2 FHR 4378 EZ EXCH Z SEQ 3% due 08/15/2044	DB PART C-1	GOLDMAN SACHS BANK USA		10/30/2018		25,000,000.00			275,000		61,806			(348,683)			(13,359)		0	1	25,000,000
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	912810Q7 US TREASURY N/B United States Treasury No 3.87 3.875% due 08/15/2040	DB PART C-1	GOLDMAN SACHS BANK USA		10/30/2018		48,424,038.46			9,617,014		598,671			7,068,456			(462,779)		8	1	48,424,038
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	912810FM5 US TREASURY N/B United States Treasury No 6.25 6.25% due 05/15/2030	DB PART C-1	GOLDMAN SACHS BANK USA		10/30/2018		48,424,038.46			9,607,329		598,671			7,068,456			(462,293)		8	1	48,424,038
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	912810FM5 US TREASURY N/B United States Treasury No 6.25 6.25% due 05/15/2030	DB PART C-1	JP MORGAN CHASE BANK NA		10/30/2018		50,000,000.00			535,000		123,611			(697,365)			(25,998)		0	1	50,000,000
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	912810RB6 US TREASURY N/B United States Treasury No 2.87 2.875% due 05/15/2043	DB PART C-1	GOLDMAN SACHS BANK USA		11/02/2018		25,000,000.00			327,500		61,806			(348,683)			(15,904)		0	1	25,000,000
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	912810RB6 US TREASURY N/B United States Treasury No 2.87 2.875% due 05/15/2043	DB PART C-1	BNP PARIBAS		11/09/2018		25,000,000.00			355,000		61,806			(348,683)			(17,288)		0	1	25,000,000

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STATEMENT AS OF MARCH 31, 2020 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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Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	912810RB6 US TREASURY N/B United States Treasury No 2.87 2.875% due 05/15/2043	DB PART C-1	GOLDMAN SACHS BANK USA		11/09/2018		25,000,000.00			357,500		61,806			(348,683)			(17,409)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	912810RB6 US TREASURY N/B United States Treasury No 2.87 2.875% due 05/15/2043	DB PART C-1	GOLDMAN SACHS BANK USA		11/09/2018		25,000,000.00			347,500		61,806			(348,683)			(16,926)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	912810RB6 US TREASURY N/B United States Treasury No 2.87 2.875% due 05/15/2043	DB PART C-1	CITIBANK NA		11/09/2018		25,000,000.00			337,500		61,806			(348,683)			(16,443)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	912810RB6 US TREASURY N/B United States Treasury No 2.87 2.875% due 05/15/2043	DB PART C-1	JP MORGAN CHASE BANK NA		11/13/2018		25,000,000.00			287,500		61,806			(348,683)			(14,057)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	912810Q17 US TREASURY N/B United States Treasury No 2.75 2.75% due 11/15/2042	DB PART C-1	GOLDMAN SACHS BANK USA		11/13/2018		48,424,038.46			9,631,541		598,671			7,068,456			(467,028)		48,424.03	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	912810Q17 US TREASURY N/B United States Treasury No 2.75 2.75% due 11/15/2042	DB PART C-1	JP MORGAN CHASE BANK NA		11/13/2018		48,424,038.46			9,587,960		598,671			7,068,456			(464,823)		48,424.03	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	912810Q17 US TREASURY N/B United States Treasury No 2.75 2.75% due 11/15/2042	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		11/13/2018		25,000,000.00			277,500		61,806			(348,683)			(13,573)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	38378GAF5 GNR 2012-134 PM PAC-11 3% due 11/20/2042	DB PART C-1	GOLDMAN SACHS BANK USA		11/14/2018		25,000,000.00			270,000		61,806			(348,683)			(13,217)		25,000.00	NA
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3137A34Y2 FHR 3763 ZW Z PAC-11 4.5% due 11/15/2040	DB PART C-1	GOLDMAN SACHS BANK USA		11/14/2018		25,000,000.00			265,000		61,806			(348,683)			(12,975)		25,000.00	1

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STATEMENT AS OF MARCH 31, 2020 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE DB - PART A - SECTION 1

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Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3136A7FMS FNR 2012-70 HB PAC-11 3% due 07/25/2042	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		11/14/2018		25,000,000.00			263,750		61,806			(348,683)			(12,915)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	3137APMMS FHR 4030 PE PAC-1-11 3.5% due 04/15/2042	DB PART C-1	JP MORGAN CHASE BANK NA		11/14/2018		48,424,038.46			9,515,324		598,671			7,068,456			(461,400)		48,424.03	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3136A0D07 FNR 2011-77 PC PAC-11 4% due 08/25/2041	DB PART C-1	CITIBANK NA		11/14/2018		25,000,000.00			237,500		61,806			(348,683)			(11,645)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	38378UL21 GNR 2013-144 YM EXCH SEQ 2.5% due 10/20/2043	DB PART C-1	BNP PARIBAS		11/15/2018		25,000,000.00			195,000		61,806			(348,683)			(9,596)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3136ABYK3 FNR 2013-1 ZV Z SEQ 3% due 02/25/2043	DB PART C-1	GOLDMAN SACHS BANK USA		11/15/2018		50,000,000.00			375,000		123,611			(697,365)			(18,468)		50,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3136A43X5 FNR 2012-38 ZB Z SEQ 4% due 04/25/2042	DB PART C-1	GOLDMAN SACHS BANK USA		11/15/2018		25,000,000.00			172,500		61,806			(348,683)			(8,509)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	38376Y3N9 GNR 2010-53 PB PAC-1-11 5% due 04/20/2040	DB PART C-1	JP MORGAN CHASE BANK NA		11/16/2018		48,424,038.46			9,462,057		598,671			7,068,456			(459,203)		48,424.03	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	38377KLE8 GNR 2010-114 NC EXCH PAC-11 4.5% due 09/20/2040	DB PART C-1	GOLDMAN SACHS BANK USA		11/19/2018		50,000,000.00			237,500		123,611			(697,365)			(11,850)		50,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	38377KLE8 GNR 2010-114 NC EXCH PAC-11 4.5% due 09/20/2040	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		11/19/2018		25,000,000.00			110,000		61,806			(348,683)			(5,502)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	38376LAH2 GNR 2010-91 PE PAC-1-11 4.5% due 07/20/2040	DB PART C-1	JP MORGAN CHASE BANK NA		11/19/2018		48,424,038.46			9,423,318		598,671			7,068,456			(457,986)		48,424.03	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	38376P4G2 GNR 2009-127 PB PAC-1-11 5% due 12/20/2039	DB PART C-1	GOLDMAN SACHS BANK USA		11/19/2018		25,000,000.00			92,500		61,806			(348,683)			(4,656)		25,000.00	NA
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3136A5NB9 FNR 2012-35 DB PAC-11 3.5% due 04/25/2042	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		11/19/2018		25,000,000.00			82,500		61,806			(348,683)			(4,173)		25,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3136A8V98 FNR 2012-113 EM PAC-11 3% due 10/25/2042	DB PART C-1	GOLDMAN SACHS BANK USA		11/20/2018		50,000,000.00			125,000		123,611			(697,365)			(6,417)		50,000.00	1

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STATEMENT AS OF MARCH 31, 2020 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

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Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3137B1KL5 FHR 4194 ZE Z SEQ 4% due	DB PART C-1	BNP PARIBAS	04/15/2043	11/20/2018		25,000,000.00			62,500		61,806			(348,683)			(3,208)		25,000.00	0	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	3136AVTV1 FNR 2017-12 TZ Z SEQ 3% due	DB PART C-1	JP MORGAN CHASE BANK NA	03/25/2047	11/20/2018		48,424,038.46			9,340,997		598,671			7,068,456			(454,059)		48,424.03	8	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3137AV4E4 FHR 4121 AZ Z SEQ 3% due	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE	10/15/2042	11/20/2018		75,000,000.00			140,625		185,417			(1,046,048)			(7,361)		75,000.00	0	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	38376TV1 GNR 2010-2 PZ Z PAC-1 5% due	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE	01/20/2040	11/26/2018		25,000,000.00			42,500		61,806			(348,683)			(2,245)		25,000.00	0	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	3136AK6J7 FNR 2014-65 DZ Z SEQ 3.5% due	DB PART C-1	GOLDMAN SACHS BANK USA	10/25/2044	11/26/2018		50,000,000.00			85,000		123,611			(697,365)			(4,491)		50,000.00	0	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	38378ENB5 GNR 2012-66 CY EXCH SEQ 3.5% due	DB PART C-1	GOLDMAN SACHS BANK USA	05/20/2042	11/26/2018		96,848,076.93			18,720,733		1,197,342			14,136,912			(913,049)		96,848.07	7	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG31 SR. TRANCHE	38376V3Z8 GNR 2010-26 PZ SC Z SEQ 5% due	DB PART C-1	BNP PARIBAS	01/20/2040	11/26/2018		25,000,000.00			12,500		61,806			(348,683)			(792)		25,000.00	0	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	38377RV69 GNR 2010-165 PC PAC-1-11 4% due	DB PART C-1	JP MORGAN CHASE BANK NA	12/20/2040	11/27/2018		72,636,057.69			13,917,069		898,007			10,602,684			(678,872)		72,636.05	8	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	38376XS79 GNR 2010-51 WZ Z PAC-1-11 5% due	DB PART C-1	BNP PARIBAS	04/20/2040	11/27/2018		24,212,019.23			4,639,023		299,336			3,534,228			(226,291)		24,212.01	9	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY31 SR. TRANCHE	38376ETZ8 GNR 2009-110 KA PAC-1-11 5% due	DB PART C-1	JP MORGAN CHASE BANK NA	11/20/2039	11/28/2018		48,424,038.46			9,360,367		598,671			7,068,456			(457,021)		48,424.03	8	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG33 SR. TRANCHE	912810GSO US TREASURY N/B United States Treasury No 3.75 3.75% due	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE	08/15/2041	09/25/2019		50,000,000.00				757,500	123,611			(3,028,986)			(35,481)		50,000.00	0	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG33 SR. TRANCHE	912810REO US TREASURY N/B United States Treasury No 3.62 3.625% due	DB PART C-1	BANK OF AMERICA NA	02/15/2044	09/26/2019		50,000,000.00				751,250	123,611			(3,028,986)			(35,281)		50,000.00	0	1

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Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G33 SR. TRANCHE	912810RE0 US TREASURY N/B United States Treasury No 3.62 3.625% due 02/15/2044	DB PART C-1	GOLDMAN SACHS BANK USA		09/27/2019		100,000,000.00				1,380,000	247,222			(6,057,972)			(64,672)		100,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G33 SR. TRANCHE	912810Q9 US TREASURY N/B United States Treasury No 2.75 2.75% due 08/15/2042	DB PART C-1	GOLDMAN SACHS BANK USA		09/30/2019		50,000,000.00				685,000	123,611			(3,028,986)			(32,152)		50,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G33 SR. TRANCHE	912810QJ5 US TREASURY N/B United States Treasury No 3.12 3.125% due 02/15/2042	DB PART C-1	BANK OF AMERICA NA		10/02/2019		50,000,000.00				600,000	123,611			(3,028,986)			(28,174)		50,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G33 SR. TRANCHE	912810Q49 US TREASURY N/B United States Treasury No 3.5 3.5% due 02/15/2039	DB PART C-1	GOLDMAN SACHS BANK USA		10/02/2019		50,000,000.00				550,000	123,611			(3,028,986)			(25,816)		50,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G33 SR. TRANCHE	912810QJ5 US TREASURY N/B United States Treasury No 3.12 3.125% due 02/15/2042	DB PART C-1	GOLDMAN SACHS BANK USA		10/03/2019		25,000,000.00				240,000	61,806			(1,514,493)			(11,266)		25,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G33 SR. TRANCHE	912810Q78 US TREASURY N/B United States Treasury No 3.12 3.125% due 11/15/2041	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		10/03/2019		50,000,000.00				490,000	123,611			(3,028,986)			(23,002)		50,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G33 SR. TRANCHE	3136A6P40 FNR 2012-76 DZ Z SEQ 4% due 07/25/2042	DB PART C-1	GOLDMAN SACHS BANK USA		10/08/2019		50,000,000.00				510,001	123,611			(3,028,986)			(24,010)		50,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G33 SR. TRANCHE	912810RB6 US TREASURY N/B United States Treasury No 2.87 2.875% due 05/15/2043	DB PART C-1	GOLDMAN SACHS BANK USA		10/09/2019		100,000,000.00				1,080,000	247,222			(6,057,972)			(50,883)		100,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G33 SR. TRANCHE	912810QJ5 US TREASURY N/B United States Treasury No 3.12 3.125% due 02/15/2042	DB PART C-1	GOLDMAN SACHS BANK USA		10/10/2019		50,000,000.00				625,000	123,611			(3,028,986)			(29,480)		50,000,000	1

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Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG33 SR. TRANCHE	912810RB6 US TREASURY N/B United States Treasury No 2.87 2.875% due 05/15/2043	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		10/10/2019		.50,000,000.00				.610,000	123,611			(3,028,986)			(28,770)			50,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG33 SR. TRANCHE	912810QL5 US TREASURY N/B United States Treasury No 4.25 4.25% due 11/15/2040	DB PART C-1	GOLDMAN SACHS BANK USA		02/24/2020		100,000,000.00				1,986,111	280,556			(6,057,972)			(37,843)			100,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG33 SR. TRANCHE	912810RB6 US TREASURY N/B United States Treasury No 2.87 2.875% due 05/15/2043	DB PART C-1	CITIBANK NA		02/24/2020		.50,000,000.00				990,556	140,278			(3,028,986)			(18,873)			50,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG33 SR. TRANCHE	912810FMS US TREASURY N/B United States Treasury No 6.25 6.25% due 05/15/2030	DB PART C-1	GOLDMAN SACHS BANK USA		02/25/2020		100,000,000.00				2,068,889	280,556			(6,057,972)			(38,301)			100,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG33 SR. TRANCHE	912810QX9 US TREASURY N/B United States Treasury No 2.75 2.75% due 08/15/2042	DB PART C-1	GOLDMAN SACHS BANK USA		02/25/2020		.50,000,000.00				994,445	140,278			(3,028,986)			(18,401)			50,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG33 SR. TRANCHE	912810RB6 US TREASURY N/B United States Treasury No 2.87 2.875% due 05/15/2043	DB PART C-1	GOLDMAN SACHS BANK USA		02/25/2020		.50,000,000.00				909,445	140,278			(3,028,986)			(16,812)			50,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG33 SR. TRANCHE	912810QY7 US TREASURY N/B United States Treasury No 2.75 2.75% due 11/15/2042	DB PART C-1	GOLDMAN SACHS BANK USA		02/26/2020		100,000,000.00				1,981,667	280,556			(6,057,972)			(33,392)			100,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG33 SR. TRANCHE	912810QY7 US TREASURY N/B United States Treasury No 2.75 2.75% due 11/15/2042	DB PART C-1	CITIBANK NA		02/26/2020		100,000,000.00				1,821,667	280,556			(6,057,972)			(30,667)			100,000,000	1

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Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG33 SR. TRANCHE	912810RB6 US TREASURY N/B United States Treasury No 2.87 2.875% due 05/15/2043	DB PART C-1	CREDIT CITIBANK NA		02/27/2020		65,000,000.00				795,889	182,361			(3,937,682)			(12,909)			65,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG33 SR. TRANCHE	912810RB6 US TREASURY N/B United States Treasury No 2.87 2.875% due 05/15/2043	DB PART C-1	CREDIT GOLDMAN SACHS BANK USA		02/27/2020		55,000,000.00				662,444	154,306			(3,331,884)			(10,743)			55,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG33 SR. TRANCHE	912810QX9 US TREASURY N/B United States Treasury No 2.75 2.75% due 08/15/2042	DB PART C-1	CREDIT CITIBANK NA		02/27/2020		50,000,000.00				672,222	140,278			(3,028,986)			(10,913)			50,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG33 SR. TRANCHE	912810RB6 US TREASURY N/B United States Treasury No 2.87 2.875% due 05/15/2043	DB PART C-1	CREDIT GOLDMAN SACHS BANK USA		02/27/2020		50,000,000.00				662,222	140,278			(3,028,986)			(10,749)			50,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG33 SR. TRANCHE	912810RB6 US TREASURY N/B United States Treasury No 3.87 3.875% due 08/15/2040	DB PART C-1	CREDIT MORGAN STANLEY CAPITAL SERVICE		02/28/2020		50,000,000.00				528,611	140,278			(3,028,986)			(8,272)			50,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG33 SR. TRANCHE	912810RB6 US TREASURY N/B United States Treasury No 2.87 2.875% due 05/15/2043	DB PART C-1	CREDIT GOLDMAN SACHS BANK USA		02/28/2020		50,000,000.00				483,611	140,278			(3,028,986)			(7,562)			50,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG33 SR. TRANCHE	3136A6P40 FNR 2012-76 DZ Z SEQ 4% due 07/25/2042	DB PART C-1	CREDIT GOLDMAN SACHS BANK USA		03/03/2020		50,000,000.00				444,167	140,278			(3,028,986)			(6,453)			50,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG33 SR. TRANCHE	912810Q77 US TREASURY N/B United States Treasury No 2.75 2.75% due 11/15/2042	DB PART C-1	CREDIT GOLDMAN SACHS BANK USA		03/05/2020		50,000,000.00				386,944	140,278			(3,028,986)			(4,763)			50,000.00	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG33 SR. TRANCHE	655844BX5 NORFOLK SOUTHERN CORP SR UNSEC 3.942% due 11/01/2047	DB PART C-1	CREDIT MORGAN STANLEY CAPITAL SERVICE		03/05/2020		50,000,000.00				331,945	140,278			(3,028,986)			(4,081)			50,000.00	2FE

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Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG33 SR. TRANCHE	00206RGL0 AT&T INC SR UNSEC 4.1% due 02/15/2028	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		03/05/2020		50,000,000.00				201,944	140,278			(3,028,986)			(2,471)		50,000,000	2FE
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG33 SR. TRANCHE	912810QSO US TREASURY N/B United States Treasury No 3.75 3.75% due 08/15/2041	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		03/05/2020		100,000,000.00				643,889	280,556			(6,057,972)			(7,913)		100,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY33 SR. TRANCHE	06051GSR4 BANK OF AMERICA CORP SR UNSEC 3.593% due 07/21/2028	DB PART C-1	GOLDMAN SACHS BANK USA		03/05/2020		49,913,461.54				10,099,734	138,618			6,824,529			(128,077)		49,913,462	1FE
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY33 SR. TRANCHE	00775V104 AEGON FUNDING CORP II NEW MONEY 0% due 01/00/1900	DB PART C-1	BNP PARIBAS		03/05/2020		49,913,461.54				10,087,256	138,618			6,824,529			(127,904)		49,913,462	2FE
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY33 SR. TRANCHE	539439A02 LLOYDS BANKING GROUP PLC SR UNSEC 3.574% due 11/07/2028	DB PART C-1	BNP PARIBAS		03/05/2020		49,913,461.54				9,977,446	138,618			6,824,529			(126,385)		49,913,462	1FE
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.IG33 SR. TRANCHE	912810QY7 US TREASURY N/B United States Treasury No 2.75 2.75% due 11/15/2042	DB PART C-1	GOLDMAN SACHS BANK USA		03/06/2020		50,000,000.00				(416,667)	140,278			(3,028,986)			4,901		50,000,000	1
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY33 SR. TRANCHE	49327M2K9 KEY BANK NA SR UNSEC 3.3% due 06/01/2025	DB PART C-1	GOLDMAN SACHS BANK USA		03/06/2020		49,913,461.54				9,650,513	131,683			6,824,529			(116,547)		49,913,462	1FE
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY33 SR. TRANCHE	37045XASS GENERAL MOTORS FINL CO CO. GUARNT 4% due 01/15/2025	DB PART C-1	GOLDMAN SACHS BANK USA		03/06/2020		49,913,461.54				9,670,479	131,683			6,824,529			(116,810)		49,913,462	2FE
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY33 SR. TRANCHE	452308ARO ILLINOIS TOOL WORKS INC SR UNSEC 3.9% due 09/01/2042	DB PART C-1	CITIBANK NA		03/06/2020		49,913,461.54				9,670,479	131,683			6,824,529			(116,810)		49,913,462	1FE
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HY33 SR. TRANCHE	85244AT6 STARBUCKS CORP SR UNSEC 3.55% due 08/15/2029	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		03/10/2020		49,913,461.54				8,827,923	117,815			6,824,529			(96,108)		49,913,462	2FE

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Replication Index	CREDIT DEFAULT SWAP - CDX.NA.1G33 SR. TRANCHE	91913YAS9 VALERO ENERGY CORP SR UNSEC 3.65% due 03/15/2025	DB PART C-1	MORGAN STANLEY CAPITAL SERVICE		03/10/2020		50,000,000.00				(1,446,111)	140,278			(3,028,986)			15,204		50,000.00	2FE																	
Replication Index	CREDIT DEFAULT SWAP - CDX.NA.HV33 SR. TRANCHE	912810QY7 US TREASURY IV/B United States Treasury No 2.75 2.75% due 11/15/2042	DB PART C-1	JP MORGAN CHASE BANK NA		03/12/2020		49,913,462.16			7,719,949	700,175				6,824,529			(63,965)		49,913.46	1																	
1189999999. Subtotal - Swaps - Replication - Credit Default																							XXX	XXX															
1229999999. Subtotal - Swaps - Replication																										XXX	XXX												
1289999999. Subtotal - Swaps - Income Generation																											XXX	XXX											
1349999999. Subtotal - Swaps - Other																													XXX	XXX									
1359999999. Total Swaps - Interest Rate																															XXX	XXX							
1369999999. Total Swaps - Credit Default																																	XXX	XXX					
1379999999. Total Swaps - Foreign Exchange																																			XXX	XXX			
1389999999. Total Swaps - Total Return																																				XXX	XXX		
1399999999. Total Swaps - Other																																					XXX	XXX	
1409999999. Total Swaps																																						XXX	XXX
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL EUR	62890CD1 PEP SHOPPING CENTER 4.48% due 12/14/2021	D-1	BANK OF AMERICA NA		07/29/2015		2,536,643.00		1						228,708	60,941	38,624			16,570																		
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL AUD	8863 Perth OIA	BA-1	BANK OF AMERICA NA		05/08/2019		10,028,877.80		1						1,292,644	29,635	1,230,430			17,607																		
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	8626 Tokyo Multifamily Partnership LP OIA	BA-1	CITIBANK NA		05/22/2019		3,304,936.05		107						635	17,817	(34,288)			6,237																		
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL AUD	8863 Perth OIA	BA-1	HSBC BANK USA		06/18/2019		1,944,828.79		1						209,891	5,616	244,353			3,414																		
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL GBP	8044 UK Outlet Mall Partnership LP OIA	BA-1	HSBC BANK USA		08/01/2019		7,347,865.20		1						(106,400)	18,135	495,000			7,929																		
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	8626 Tokyo Multifamily Partnership LP OIA	BA-1	HSBC BANK USA		08/19/2019		135,867.30		105						3,195	735	(1,377)			256																		
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL AUD	8863 Perth OIA	BA-1	HSBC BANK USA		08/26/2019		3,524,983.27		1						338,116	10,043	448,847			6,189																		
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL AUD	8863 Perth OIA	BA-1	CITIBANK NA		09/06/2019		1,921,207.95		1						204,727	5,539	241,754			3,373																		
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL AUD	7096 Mt Omaney Shopping Centre OIA	BA-1	HSBC BANK USA		10/10/2019		98,173,433.25		1						9,161,897	278,893	12,536,630			172,355																		

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FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL GBP	8061 70 St Mary Axe 01A	D-2	CURRENCY CITIBANK NA		10/10/2019		2,819,038.50		1						23,687	7,095	185,625			3,042	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL GBP	801501A UK Shopping Centre Fund 01A	D-2, BA-1	CURRENCY CREDIT AGRICOLE		11/06/2019		34,965,693.90		1						1,421,430	90,392	2,227,500			37,730	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL GBP	8118 Thurrock Retail Park 01A	D-2, BA-1	CURRENCY CITIBANK NA		11/13/2019		37,145,116.80		1						1,364,574	95,717	2,376,000			40,082	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL AUD	7107B 101 Miller St and Greenwood Plz 01A	D-2, BA-1	CURRENCY HSBC BANK USA		12/04/2019		161,422,933.50		1						16,844,849	464,285	20,362,750			283,397	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	BKRH8P4 JAPAN TREASURY DISC BILL SERIES 879 NA-ST% due 04/06/2020 JP1748811L12	D-2	CURRENCY MORGAN STANLEY CAPITAL SERVICE		01/07/2020		23,159,556.37		108						(93,784)	110,051	(203,835)			14,847	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	JAPAN TREASURY DISC BILL SERIES 881 NA-ST% due 04/13/2020	D-2	CURRENCY CITIBANK NA		01/10/2020		22,917,592.92		109						(341,232)	105,199	(446,430)			21,625	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL AUD	8107 Myer Bourke Street 01A	D-2	CURRENCY CITIBANK NA		01/15/2020		58,576,193.60		1						6,405,007	155,247	6,249,760			102,837	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	JP1748841L16 JAPAN TREASURY DISC BILL SERIES 884 NA-ST% due 04/27/2020 JP1748871L27	D-2	CURRENCY CITIBANK NA		01/24/2020		24,791,403.30		109						(344,396)	95,217	(439,613)			33,714	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	JAPAN TREASURY DISC BILL SERIES 887 NA-ST% due 05/11/2020	D-2	CURRENCY MORGAN STANLEY CAPITAL SERVICE		02/07/2020		45,841,615.39		109						(742,033)	136,263	(878,296)			76,820	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	BKHY2Y2 JAPAN TREASURY DISC BILL SERIES 890 NA-ST% due 05/25/2020	D-2	CURRENCY CITIBANK NA		02/14/2020		45,762,204.76		109						(835,113)	127,117	(962,230)			82,976	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL GBP	ABAB7EDEA Global Real Estate Debt Partners - Fund I GBP Portfolio Hedge	D-2	CURRENCY CREDIT AGRICOLE		02/18/2020		32,628,125.00		1						1,544,952	46,952	1,498,000			60,381	

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FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL EUR	ZD4100040 Ziemia Fund EUR Portfolio Hedge	D-2	MORGAN STANLEY CAPITAL SERVICE		02/18/2020		298,445,070.00		1						(5,411,027)	1,076,223	(6,487,250)			552,297	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL AUD	soecere Ceres AUD Portfolio Hedge	D-2	BARCLAYS BANK PLC		02/19/2020		501,893,250.00		1						40,468,808	793,808	39,675,000			938,037	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL CAD	sbiblea Broadleaf Timberland Investments, LLC CAD Portfolio Hedge	D-2	MORGAN STANLEY CAPITAL SERVICE		02/20/2020		37,708,724.39		1						2,159,433	(21,206)	2,180,639			70,478	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	JP1748881L25 JAPAN TREASURY DISC BILL SERIES 888 NA-ST% due 05/18/2020	D-2	MORGAN STANLEY CAPITAL SERVICE		02/21/2020		44,868,070.82		111						(1,744,396)	106,386	(1,850,782)			87,873	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL GBP	8061 70 St Mary Axe 01A	D-2	CITIBANK NA		02/21/2020		71,437,234.00		1						3,106,318	84,618	3,021,700			77,085	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL GBP	8061 70 St Mary Axe 01A	D-2	BARCLAYS BANK PLC		02/26/2020		32,382,347.50		1						1,322,843	35,843	1,287,000			34,943	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	JP1748911L37 JAPAN TREASURY DISC BILL SERIES 891 NA-ST% due 06/01/2020	D-2	MORGAN STANLEY CAPITAL SERVICE		02/28/2020		46,377,452.54		108						(246,372)	88,096	(334,468)			95,571	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	JP1748911L37 JAPAN TREASURY DISC BILL SERIES 891 NA-ST% due 06/01/2020	DA-1	BARCLAYS BANK PLC		03/03/2020		83,580,122.83		107						332,368	(232,381)	564,749			192,843	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	JP1748391K60 SERIES 839 % due 06/22/2020	D-2	BARCLAYS BANK PLC		03/05/2020		94,062,201.26		106						739,403	(317,299)	1,056,702			224,273	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	JP1748921L35 SERIES 892 % due 06/08/2020	D-2	MORGAN STANLEY CAPITAL SERVICE		03/06/2020		142,808,356.80		105						2,898,023	(402,802)	3,300,825			310,457	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	JP1748851L21 SERIES 885 % due 05/07/2020	D-2	CITIBANK NA		03/09/2020		97,915,688.33		102						4,763,806	(147,584)	4,911,390			155,875	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	JP1748881L25 SERIES 888 % due 05/18/2020	D-2	CITIBANK NA		03/09/2020		92,514,596.83		102						4,724,613	(179,603)	4,904,215			167,747	

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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)
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	BK5GM28 JAPAN TREASURY DISC BILL SERIES 862 NA-ST% due 04/10/2020	E-2	CURRENCY CITIBANK NA		03/10/2020			96,362,935.19	104						3,338,140	(21,887)	3,360,027			79,751	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	BK5GM28 JAPAN TREASURY DISC BILL SERIES 879 % due 04/06/2020	D-2	CURRENCY CITIBANK NA		03/11/2020			114,571,597.70	105						2,955,519	(12,876)	2,968,395			73,447	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	BK5GM28 JAPAN TREASURY DISC BILL SERIES 862 NA-ST% due 04/10/2020	E-2	CURRENCY BANK OF AMERICA NA		03/12/2020			47,550,393.91	105						1,038,009	(10,736)	1,048,745			39,353	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	JP1748841L16 JAPAN TREASURY DISC BILL SERIES 884 NA-ST% due 04/27/2020	DA-1	CURRENCY CITIBANK NA		03/12/2020			47,559,978.13	105						1,012,128	(45,798)	1,057,925			64,677	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	BK5GM28 JAPAN TREASURY DISC BILL SERIES 862 % due 04/10/2020	D-2	CURRENCY CITIBANK NA		03/13/2020			93,466,303.48	107						441,568	(21,152)	462,720			77,353	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	JP1748841L16 JAPAN TREASURY DISC BILL SERIES 884 NA-ST% due 04/27/2020	DA-1	CURRENCY BANK OF AMERICA NA		03/16/2020			42,585,810.41	106						692,755	(40,767)	733,521			57,912	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	JP1748841L16 JAPAN TREASURY DISC BILL SERIES 884 NA-ST% due 04/27/2020	DA-1	CURRENCY CITIBANK NA		03/17/2020			46,691,679.71	107						143,868	(45,289)	189,158			63,496	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL EUR	8521A Iconic Office SCI 01A	D-2	CURRENCY BANK OF AMERICA NA		03/18/2020			880,762,045.54	1						(9,890,337)	441,418	(10,331,754)			3,680,885	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	JP1748851L21 JAPAN TREASURY DISC BILL SERIES 885 NA-ST% due 05/07/2020	E-2	CURRENCY BARCLAYS BANK PLC		03/18/2020			46,365,501.10	108						(210,234)	(73,410)	(136,824)			73,811	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	JP1748921L35 JAPAN TREASURY DISC BILL SERIES 892 NA-ST% due 06/08/2020	DA-1	CURRENCY CITIBANK NA		03/19/2020			45,870,343.44	109						(766,190)	(132,882)	(633,308)			99,720	

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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)
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	JP1748881L25 JAPAN TREASURY DISC BILL SERIES 888 NA-ST% due 05/18/2020	DA-1	CURRENCY CITIBANK NA		03/19/2020		45,801,542.10		109						(795,780)	(94,043)	(701,737)			83,047	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	BLQSQ95 JAPAN TREASURY DISC BILL SERIES 896 NA-ST% due 06/22/2020	DA-1	CURRENCY CITIBANK NA		03/19/2020		45,788,321.51		109						(872,869)	(157,324)	(715,545)			109,174	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL SEK	707801A NOVA LUND 01A Offset Hedge 01A	BA-1	CURRENCY MORGAN STANLEY CAPITAL SERVICE		03/23/2020		12,095,593.23		10						447,396	899,020	(451,624)			15,508	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	BKHY2Y2 SERIES 890 % due 05/25/2020	DA-1	CURRENCY MORGAN STANLEY CAPITAL SERVICE		03/23/2020		90,796,833.01		110						(2,428,224)	(219,379)	(2,208,845)			177,823	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	JP1748871L27 JAPAN TREASURY DISC BILL SERIES 887 NA-ST% due 05/11/2020	DA-1	CURRENCY CITIBANK NA		03/24/2020		45,145,438.74		111						(1,438,149)	(80,947)	(1,357,202)			75,654	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	JP1748941L31 JAPAN TREASURY DISC BILL SERIES 894 NA-ST% due 06/15/2020	E-2	CURRENCY CITIBANK NA		03/24/2020		45,219,425.00		111						(1,429,495)	(145,573)	(1,283,922)			103,170	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL EUR	848601AEUR Neptune Polish HoldCo 2 B.V. 01A	D-2	CURRENCY MORGAN STANLEY CAPITAL SERVICE		03/25/2020		283,332,712.96		1						(5,305,766)	109,484	(5,415,251)			287,188	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	JP1748971L34 SERIES 879 % due 06/29/2020	D-2	CURRENCY BARCLAYS BANK PLC		03/27/2020		92,854,821.49		108						(491,554)	(340,478)	(151,076)			230,542	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	JP1748971L34 SERIES 879 % due 06/29/2020	D-2	CURRENCY BARCLAYS BANK PLC		03/30/2020		92,957,537.00		108						(388,858)	(340,755)	(48,102)			230,797	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	JP1748941L31 SERIES 894 % due 06/15/2020	D-2	CURRENCY CITIBANK NA		03/31/2020		65,669,859.86		108						(571,831)	(208,442)	(363,389)			149,829	
FX Forwards	FOREIGN CURRENCY FORWARD CONTRACT BUY USD SELL JPY	JP1748941L31 JAPAN TREASURY DISC BILL SERIES 894 NA-ST% due 06/15/2020	E-2	CURRENCY CITIBANK NA		03/31/2020		13,506,219.13		108						(59,342)	(42,716)	(16,625)			30,815	

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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)			
Bond Forward	BOND FORWARD CONTRACT	US TREASURY	D-1	INTEREST RATE		02/05/2020			25,000,000.00							2,215,707					0				
Bond Forward	BOND FORWARD CONTRACT	US TREASURY	D-1	INTEREST RATE		02/05/2020			25,000,000.00							2,211,063					0				
1439999999. Subtotal - Forwards - Hedging Other										3,466				XXX		79,542,698	2,160,456	83,404,211			XXX	XXX			
1479999999. Subtotal - Forwards										3,466				XXX		79,542,698	2,160,456	83,404,211			XXX	XXX			
1509999999. Subtotal - SSAP No. 108 Adjustments														XXX								XXX	XXX		
1689999999. Subtotal - Hedging Effective Excluding Variable Annuity Guarantees Under SSAP No.108													11,030,359	XXX		320,213,355		83,413,449			XXX	XXX			
1699999999. Subtotal - Hedging Effective Variable Annuity Guarantees Under SSAP No.108														XXX							XXX	XXX			
1709999999. Subtotal - Hedging Other										3,466	(2,285,905)		23,432,201	XXX		1,032,028,542	407,632,610	423,420,430	171,190		XXX	XXX			
1719999999. Subtotal - Replication													504,585,618	98,686,420	45,671,005	XXX		172,925,082		(26,238,021)		XXX	XXX		
1729999999. Subtotal - Income Generation														XXX								XXX	XXX		
1739999999. Subtotal - Other														XXX									XXX	XXX	
1749999999. Subtotal - Adjustments for SSAP No. 108 Derivatives														XXX										XXX	XXX
1759999999 - Totals										3,466	502,299,713	98,686,420	80,133,565	XXX		1,525,166,979	407,632,610	506,833,879	(26,066,831)			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

E06.43

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, 2020 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	132,860,117	109,926,138	(14,843,152)		143,042,337	(19,956,434)		192,512,182	154,735,051
BANK OF MONTREAL	Y	Y			(3,685,597)			(4,754,837)		317,924	
BARCLAYS BANK PLC	Y	Y	65,720,000	67,647,772	(1,370,258)	557,514	67,647,772	(1,370,258)	557,514	3,992,407	3,992,407
CITIBANK N.A. NEW YORK	Y	Y	542,000,000	439,568,178	(8,523,199)		552,347,282	(24,993,717)		467,721,427	356,766,405
CREDIT SUISSE INTERNATIONAL	Y	Y			(625,978)			(625,978)			
GOLDMAN SACHS BANK USA	Y	Y	83,730,000	144,836,561	(411,765)	60,694,796	109,015,402	(92,089,808)		3,481,044,231	3,481,044,231
HSBC BANK USA	Y	Y	78,886,000	78,644,012	(106,400)		78,644,012	(106,400)		3,095,863	2,747,474
J.P. MORGAN CHASE BANK N.A.	Y	Y	563,570,000	544,244,550	(1,773,193)		585,704,759	(24,112,731)		2,583,535,114	2,562,436,471
ROYAL BANK OF CANADA	Y	Y	13,690,000	11,103,950			12,620,310			1,309,166	
THE BANK OF NOVA SCOTIA	Y	N		973,577		973,577	877,645		877,645	218,817	218,817
BNP PARIBAS	Y	Y	25,730,000	35,359,438	(523,665)	9,105,773	31,096,570	(2,615,761)	2,750,809	323,049,520	323,049,520
CREDIT AGRICOLE	Y	Y	49,390,000	26,680,831			44,538,077			6,606,751	
MORGAN STANLEY CAPITAL SERVICES INC	Y	Y	33,787,000	76,928,446	(20,821,012)	22,320,434	92,795,529	(63,832,274)		2,198,789,656	2,198,789,656
0299999999 - Total NAIC 1 Designation			1,589,363,117	1,535,913,453	(52,684,219)	93,652,094	1,718,329,695	(234,458,198)	4,185,968	9,262,193,058	9,083,780,032
DEUTSCHE BK AG	Y	Y	17,400,000	17,731,508		331,508	17,731,508		331,508	736,631	736,631
0399999999 - Total NAIC 2 Designation			17,400,000	17,731,508		331,508	17,731,508		331,508	736,631	736,631
0899999999 - Aggregate Sum of Central Clearinghouses (Excluding Exchange Traded)			24,376,023	23,564,007			23,564,007			1,690,405	878,389
0999999999 - Gross Totals			1,631,139,140	1,577,208,968	(52,684,219)	93,983,602	1,759,625,210	(234,458,198)	4,517,476	9,264,620,094	9,085,395,052
1. Offset per SSAP No. 64											
2. Net after right of offset per SSAP No. 64				1,577,208,968	(52,684,219)						

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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	912810-RC-4	United States Treasury No 3.62	8,306,816	5,600,000	5,458,869	08/15/2043	I
BANK OF MONTREAL	Cash			5,220,000		5,220,000		V
CREDIT SUISSE INTERNATIONAL	Cash			631,986		631,986		V
019999999 - Total				14,158,802	5,600,000	11,310,855	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	912796-TJ-8	US TREASURY N/B			XXX	09/10/2020	V
BANK OF AMERICA N.A.	Treasury	912810-RZ-3	US TREASURY N/B	4,099,813	3,086,000	XXX	11/15/2047	V
BANK OF AMERICA N.A.	Treasury	912828-4A-5	US TREASURY N/B			XXX	02/28/2023	V
BANK OF AMERICA N.A.	Treasury	912828-6Z-8	US TREASURY N/B	1,874,581	1,772,000	XXX	06/30/2024	V
BANK OF AMERICA N.A.	Treasury	912828-D7-2	US TREASURY N/B	3,155,196	3,078,000	XXX	08/31/2021	V
BANK OF AMERICA N.A.	Treasury	912828-K7-4	US TREASURY N/B	17,967,361	16,626,900	XXX	08/15/2025	V
BANK OF AMERICA N.A.	Treasury	912828-L2-4	US TREASURY N/B			XXX	08/31/2022	V
BANK OF AMERICA N.A.	Treasury	912828-L5-7	US TREASURY N/B	2,646,603	2,552,000	XXX	09/30/2022	V
BANK OF AMERICA N.A.	Treasury	912828-M9-8	US TREASURY N/B	3,022,076	2,991,000	XXX	11/30/2020	V
BANK OF AMERICA N.A.	Treasury	912828-N3-0	US TREASURY N/B	13,134,127	12,505,000	XXX	12/31/2022	V
BANK OF AMERICA N.A.	Treasury	912828-P3-8	US TREASURY N/B	12,789,911	12,283,700	XXX	01/31/2023	V
BANK OF AMERICA N.A.	Treasury	912828-W4-8	US TREASURY N/B	12,836,540	12,009,000	XXX	02/29/2024	V
BANK OF AMERICA N.A.	Treasury	912828-W5-5	US TREASURY N/B	3,026,040	2,934,000	XXX	02/28/2022	V
BANK OF AMERICA N.A.	Treasury	912828-W7-1	US TREASURY N/B	31,195,368	29,160,000	XXX	03/31/2024	V
BANK OF AMERICA N.A.	Treasury	912828-WC-0	US TREASURY N/B	1,693,502	1,677,000	XXX	10/31/2020	V
ROYAL BANK OF CANADA	Cash			13,690,000		XXX		V
JP MORGAN CHASE BANK N.A.	Cash			563,570,000		XXX		V
CREDIT AGRICOLE	Cash			49,390,000		XXX		V
GOLDMAN SACHS BANK USA	Cash			41,120,000		XXX		V
CITIBANK N.A. NEW YORK	Cash			542,000,000		XXX		V
MORGAN STANLEY CAPITAL SERVICES INC	Cash			33,787,000		XXX		V
BARCLAYS BANK PLC	Cash			65,720,000		XXX		V
HSBC BANK USA	Cash			78,886,000		XXX		V
DEUTSCHE BK AG	Cash			17,400,000		XXX		V
BNP PARIBAS	Cash			25,730,000		XXX		V
MORGAN STANLEY & CO LLC	Cash			24,376,023		XXX		V
BANK OF AMERICA N.A.	Cash			25,419,000		XXX		V
029999999 - Total				1,588,529,141	100,674,600	XXX	XXX	XXX

STATEMENT AS OF MARCH 31, 2020 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE DB - PART E

Derivatives Hedging Variable Annuity Guarantees as of Current Statement Date

This schedule is specific for the derivatives and the hedging programs captured in SSAP No. 108

CDHS		Hedged Item								Hedging Instruments								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Identifier	Description	Prior Fair Value in Full Contract Cash Flows Attributed to Interest Rates	Ending Fair Value in Full Contract Cash Flows Attributed to Interest Rates	Fair Value Gain (Loss) in Full Contract Cash Flows Attributed to Interest Rates (4-3)	Fair Value Gain (Loss) in Hedged Item Attributed to Hedged Risk	Current Year Increase (Decrease) in VM-21 Liability	Current Year Increase (Decrease) in VM-21 Liability Attributed to Interest Rates	Change in the Hedged Item Attributed to Hedged Risk Percentage (6/5)	Current Year Increase (Decrease) in VM-21 Liability Attributed to Hedged Risk (8*9)	Prior Deferred Balance	Current Year Fair Value Fluctuation of the Hedge Instruments	Current Year Natural Offset to VM-21 Liability	Hedging Instruments' Current Fair Value Fluctuation Not Attributed to Hedged Risk	Hedge Gain (Loss) in Current Year Deferred Adjustment [12-(13+14)]	Current Year Prescribed Deferred Amortization	Current Year Additional Deferred Amortization	Current Year Total Deferred Amortization (16+17)	Ending Deferred Balance (11+15+18)
NONE																		
Total								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	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
5999999	Subtotal - SVO Identified Funds					XXX
6299999	Subtotal - Unaffiliated Bank Loans					XXX
6399999	Total - Issuer Obligations					XXX
6499999	Total - Residential Mortgage-Backed Securities					XXX
6599999	Total - Commercial Mortgage-Backed Securities					XXX
6699999	Total - Other Loan-Backed and Structured Securities					XXX
6799999	Total - SVO Identified Funds					XXX
6899999	Total - Affiliated Bank Loans					XXX
6999999	Total - Unaffiliated Bank Loans					XXX
7099999	Total Bonds					XXX
7399999	Total - Preferred Stocks (Schedule D, Part 2, Section 1 type)					XXX
7999999	Total - Common Stocks (Schedule D, Part 2, Section 2 type)					XXX
8099999	Total - Preferred and Common Stocks					XXX
	Cash			419,695,156	419,695,156	
9099999	Total - Cash (Schedule E Part 1 type)			419,695,156	419,695,156	XXX
9999999	Totals			419,695,156	419,695,156	XXX

General Interrogatories:

- Total activity for the year Fair Value \$444,028,345 Book/Adjusted Carrying Value \$444,028,345
- Average balance for the year Fair Value \$806,624,144 Book/Adjusted Carrying Value \$806,624,144
- 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 CUSIP Identification	2 Description	3 Code	4 NAIC Designation and Administrative Symbol	5 Fair Value	6 Book/Adjusted Carrying Value	7 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, 2020 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			7,825					.XXX.
Citibank, N.A. London, UK					2,323,838	12,958,918	96,132,808	.XXX.
Citibank, N.A. New Castle, DE					(7,527,657)	(7,619,176)	(5,389,637)	.XXX.
Citibank, N.A. New York, NY					(116,665,439)	(29,135,407)	20,493,355	.XXX.
Harris, N.A. Chicago, IL					349,466	471,556	376,271	.XXX.
JPMorgan Chase Bank, N.A. Houston, TX					21,023,041	13,624,688	9,088,271	.XXX.
JPMorgan Chase Bank, N.A. New York, NY			1,112,141		711,328,052	458,339,990	283,378,010	.XXX.
The Northern Trust Company ... Chicago, IL					196,584	176,067	166,750	.XXX.
Wells Fargo, N.A. Minneapolis, MN					(10,248,505)	(14,200,713)	(11,086,930)	.XXX.
Wells Fargo, N.A. San Francisco, CA					57,138	20,849	13,531	.XXX.
Wells Fargo, N.A. Oakland, CA								
Beneficial State Bank CD Matures June 12, 2020 ...		2.130		182,859	10,548,010	10,548,010	10,548,010	.XXX.
Beneficial State Bank New York, NY								
Beneficial State Bank CD Matures October 29, 2020								
Carver Federal Savings FSB ... 2020		1.790		159,529	6,205,814	6,205,814	6,205,814	.XXX.
0199998. Deposits in ... depositories that do not exceed the allowable limit in any one depository (See instructions) - Open Depositories	XXX	XXX						XXX
0199999. Totals - Open Depositories	XXX	XXX	1,119,966	342,388	617,590,341	451,390,597	409,926,252	XXX
0299998. Deposits in ... depositories that do not exceed the allowable limit in any one depository (See instructions) - Suspended Depositories	XXX	XXX						XXX
0299999. Totals - Suspended Depositories	XXX	XXX						XXX
0399999. Total Cash on Deposit	XXX	XXX	1,119,966	342,388	617,590,341	451,390,597	409,926,252	XXX
0499999. Cash in Company's Office	XXX	XXX	XXX	XXX				XXX
0599999. Total - Cash	XXX	XXX	1,119,966	342,388	617,590,341	451,390,597	409,926,252	XXX

STATEMENT AS OF MARCH 31, 2020 OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE E - PART 2 - CASH EQUIVALENTS

Show Investments Owned End of Current Quarter

1 CUSIP	2 Description	3 Code	4 Date Acquired	5 Rate of Interest	6 Maturity Date	7 Book/Adjusted Carrying Value	8 Amount of Interest Due and Accrued	9 Amount Received During Year
0599999. Total - U.S. Government Bonds								
	JAPAN TREASURY DISC BILL SERIES 894		.03/31/2020	0.000	.06/15/2020	126,128,392		(2,953)
	JAPAN TREASURY DISC BILL SERIES 862		.03/13/2020	0.000	.04/10/2020	232,521,253		(33,665)
	JAPAN TREASURY DISC BILL SERIES 885		.03/18/2020	0.000	.05/07/2020	139,549,687		(21,541)
	JAPAN TREASURY DISC BILL SERIES 884		.03/17/2020	0.000	.04/27/2020	134,887,090		(17,121)
	JAPAN TREASURY DISC BILL SERIES 887		.03/24/2020	0.000	.05/11/2020	46,521,688		(2,518)
	JAPAN TREASURY DISC BILL SERIES 888		.03/19/2020	0.000	.05/18/2020	134,167,796		(20,802)
	JAPAN TREASURY DISC BILL SERIES 891		.03/03/2020	0.000	.06/01/2020	93,030,378		(12,727)
	JAPAN TREASURY DISC BILL SERIES 892		.03/19/2020	0.000	.06/08/2020	46,531,143		(3,488)
	JAPAN TREASURY DISC BILL SERIES 879		.03/30/2020	0.000	.06/29/2020	93,050,363		
	JAPAN TREASURY DISC BILL SERIES 890		.03/23/2020	0.000	.05/25/2020	93,058,139		(6,949)
	JAPAN TREASURY DISC BILL SERIES 879		.03/11/2020	0.000	.04/06/2020	134,857,293		(23,604)
0699999. Subtotal - Bonds - All Other Governments - Issuer Obligations						1,274,303,223		(145,368)
1099999. Total - All Other Government Bonds						1,274,303,223		(145,368)
1799999. Total - U.S. States, Territories and Possessions Bonds								
2499999. Total - U.S. Political Subdivisions Bonds								
	FED HOME LN DISCOUNT NT		.03/27/2020	0.030	.09/01/2020	11,998,470		50
	FED HOME LN DISCOUNT NT		.03/30/2020	0.070	10/13/2020	999,621		4
	FED HOME LN DISCOUNT NT		.03/18/2020	0.030	.04/01/2020	150,000,000		1,750
	FED HOME LN DISCOUNT NT		.03/19/2020	0.080	.04/09/2020	199,996,444		5,778
	FED HOME LN DISCOUNT NT		.03/16/2020	0.500	.04/14/2020	19,696,443		4,672
2599999. Subtotal - Bonds - U.S. Special Revenues - Issuer Obligations						382,690,978		12,254
3199999. Total - U.S. Special Revenues Bonds						382,690,978		12,254
3899999. Total - Industrial and Miscellaneous (Unaffiliated) Bonds								
4899999. Total - Hybrid Securities								
5599999. Total - Parent, Subsidiaries and Affiliates Bonds								
6099999. Subtotal - SVO Identified Funds								
6599999. Subtotal - Unaffiliated Bank Loans								
7699999. Total - Issuer Obligations						1,656,994,201		(133,114)
7799999. Total - Residential Mortgage-Backed Securities								
7899999. Total - Commercial Mortgage-Backed Securities								
7999999. Total - Other Loan-Backed and Structured Securities								
8099999. Total - SVO Identified Funds								
8199999. Total - Affiliated Bank Loans								
8299999. Total - Unaffiliated Bank Loans								
8399999. Total Bonds						1,656,994,201		(133,114)
8899999 - Total Cash Equivalents						1,656,994,201		(133,114)