

ANNUAL STATEMENT

OF THE

SEPARATE ACCOUNTS

OF THE

TEACHERS INSURANCE
AND ANNUITY ASSOCIATION
OF AMERICA

OF

NEW YORK

IN THE STATE OF

NEW YORK

TO THE

INSURANCE DEPARTMENT

OF THE

STATE OF

FOR THE YEAR ENDED
DECEMBER 31, 2023

LIFE AND ACCIDENT AND HEALTH

2023



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

ANNUAL STATEMENT

FOR THE YEAR ENDED DECEMBER 31, 2023

OF THE CONDITION AND AFFAIRS OF THE SEPARATE ACCOUNTS OF THE

Teachers Insurance and Annuity Association of America

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

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

Country of Domicile United States of America

Type of Separate Accounts Insulated [X] Non-Insulated []

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

Statutory Home Office 730 Third Avenue, New York, NY, US 10017

Main Administrative Office 730 Third Avenue, New York, NY, US 10017

Mail Address 730 Third Avenue, New York, NY, US 10017

Primary Location of Books and Records 730 Third Avenue, New York, NY, US 10017

Internet Website Address tiaa.org

Statutory Statement Contact Stacy Eisenhauer, 704-988-4560

OFFICERS

President & Chief Executive Officer Thasunda Brown Duckett, SEVP, Chief Financial Officer Wendell Dave Dowrich, SMD, Corporate Secretary & General Counsel Derek Brandon Dorn, SVP & Chief Actuary Keith Elliot Floman

OTHER

Christopher Alan Baraks, SVP, Chief Accounting Officer and Corporate Controller, Jessica Austin Barker, SEVP, Chief Digital and Client Experience Officer, Claire Varra Borelli #, SEVP, Chief People Officer, John Lewis Douglas, SEVP, Chief Legal, Risk and Compliance Officer, Sastry VSM Durvasula, SEVP, Chief Information & Client Services Officer, Derek Talmar Ferguson, SEVP, Chief Administrative Officer, Kourtney Kristine Gibson #, SEVP, Chief Institutional Client Officer, Jose Manuel Minaya, SEVP, Chief Executive Officer, Nuveen, Colbert Gerald Narcisse, SEVP, Chief Product and Business Development Officer, David George Nason #, SEVP, Chief Operating Officer, TIAA, and President, TIAA Wealth Management, Michelle Louise Onvural #, SEVP, Chief Marketing & Communications Officer

DIRECTORS OR TRUSTEES

Priya (NMN) Abani, Samuel Richard Bright, Jason Edmund Brown, Jeffrey Robert Brown, James Robert Chambers, Thasunda Brown Duckett, Lisa Wolfson Hess, Edward Mark Hundert, Gina Lynette Lofton, Maureen Patricia O'Hara, Ramona Emilia Romero #, Kim Michele Sharan, La June Montgomery Tabron

State of New York, County of New York, SS

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

Signature of Thasunda Brown Duckett, President & Chief Executive Officer

Signature of Derek Brandon Dorn, SMD, Corporate Secretary & General Counsel

Signature of Wendell Dave Dowrich, SEVP, Chief Financial Officer

Subscribed and sworn to before me this 23rd day of January, 2024

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

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



ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

ASSETS

	Current Year			Prior Year
	1 General Account Basis	2 Fair Value Basis	3 Total (Cols: 1 + 2)	4 Total
1. Bonds (Schedule D).....	2,865,028,460		2,865,028,460	4,029,446,134
2. Stocks (Schedule D):				
2.1 Preferred stocks				
2.2 Common stocks		19,360,686,818	19,360,686,818	16,357,288,073
3. Mortgage loans on real estate (Schedule B)		1,178,864,421	1,178,864,421	1,488,094,376
4. Real estate (Schedule A):				
4.1 Properties held for the production of income (less \$ 1,566,543,740 encumbrances)		13,675,743,693	13,675,743,693	15,607,014,112
4.2 Properties held for sale (less \$ encumbrances)				
5. Cash (\$ 42,000,823 Schedule E - Part 1), and cash equivalents (\$ 212,568,945 , Schedule E - Part 2)	99,848,976	154,720,791	254,569,768	824,882,426
6. Short-term investments (Schedule DA)		37,998,000	37,998,000	241,998,221
7. Derivatives (Schedule DB)				
8. Other invested assets (Schedule BA)		9,711,568,926	9,711,568,926	11,263,714,569
9. Securities lending reinvested collateral assets (Schedule DL)		2,053,553	2,053,553	3,856,931
10. Aggregate write-ins for invested assets				
11. Subtotals, cash and invested assets (Lines 1 to 10)	2,964,877,436	44,121,636,202	47,086,513,638	49,816,294,842
12. Investment income due and accrued	20,089,169	1,381,402	21,470,571	23,410,292
13. Receivables for securities	45,413	263,947	309,360	753,182
14. Net adjustment in assets and liabilities due to foreign exchange rates				
15. Aggregate write-ins for other than invested assets.....		516,547,396	516,547,396	541,782,378
16. Total (Lines 11 to 15)	2,985,012,018	44,639,828,947	47,624,840,965	50,382,240,694
DETAILS OF WRITE-INS				
1001.				
1002.				
1003.				
1098. Summary of remaining write-ins for Line 10 from overflow page				
1099. Totals (Lines 1001 thru 1003 plus 1098)(Line 10 above)				
1501. Receivable due from real estate and managing agent operating accounts		506,019,228	506,019,228	452,163,338
1502. Prepaid taxes & other		10,527,998	10,527,998	9,559,114
1503. Securities litigation receivable		169	169	32,123
1598. Summary of remaining write-ins for Line 15 from overflow page				80,027,803
1599. Totals (Lines 1501 thru 1503 plus 1598)(Line 15 above)		516,547,396	516,547,396	541,782,378

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

LIABILITIES AND SURPLUS

	Current Year			Prior Year
	1 General Account Basis	2 Fair Value Basis	3 Total (Cols. 1 + 2)	4 Total
1. Aggregate reserve for life, annuity and accident and health contracts (Exhibit 3, Line 9999999, Col. 2)	2,814,475,648	42,380,039,095	45,194,514,743	48,877,824,913
2. Liability for deposit-type contracts (Exhibit 4, Line 9, Col. 1)	7,890,427	12,136,662	20,027,089	24,067,315
3. Interest Maintenance Reserve	(2,022,715)		(2,022,715)	617,823
4. Charges for investment management, administration and contract guarantees due or accrued				
5. Investment expenses due or accrued (Exhibit 1, Line 24)				
6. Investment taxes, licenses and fees due or accrued, excluding federal income taxes (Exhibit 2, Line 8)				
7. Federal and foreign income taxes due or accrued (excluding deferred taxes)				
8. Reserve for future federal income taxes				
9. Unearned investment income				
10. Other transfers to general account due or accrued (net) (including \$ accrued expense allowances recognized in reserves).....	(4,052,929)	(8,667,898)	(12,720,827)	460,500
11. Remittances and items not allocated		26,585,629	26,585,629	28,501,806
12. Derivatives				35,470,865
13. Payable for securities				4,365,397
14. Payable for securities lending		2,053,553	2,053,553	3,856,932
15. Net adjustment in assets and liabilities due to foreign exchange rates				
16. Aggregate write-ins for liabilities		1,633,695,360	1,633,695,360	1,271,560,828
17. Total liabilities (including \$ (12,720,827) due or accrued net transfers to or (from) the general account)	2,816,290,431	44,045,842,401	46,862,132,832	50,246,726,379
18. Contributed surplus		617,629,056	617,629,056	
19. Aggregate write-ins for special surplus funds				
20. Unassigned funds	168,721,587	(23,642,510)	145,079,077	135,514,315
21. Surplus (Lines 18 through 20)	168,721,587	593,986,546	762,708,133	135,514,315
22. Totals	2,985,012,018	44,639,828,947	47,624,840,965	50,382,240,694
DETAILS OF WRITE-INS				
1601. Senior notes and credit facility borrowings		1,344,581,000	1,344,581,000	1,000,000,000
1602. Investment payables real estate		229,450,954	229,450,954	226,346,123
1603. Miscellaneous liabilities - real estate deposits		32,052,268	32,052,268	30,229,057
1698. Summary of remaining write-ins for Line 16 from overflow page		27,611,138	27,611,138	14,985,648
1699. Totals (Lines 1601 thru 1603 plus 1698)(Line 16 above)		1,633,695,360	1,633,695,360	1,271,560,828
1901.				
1902.				
1903.				
1998. Summary of remaining write-ins for Line 19 from overflow page				
1999. Totals (Lines 1901 thru 1903 plus 1998)(Line 19 above)				

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SUMMARY OF OPERATIONS

	1 Current Year	2 Prior Year
1. Transfers to Separate Accounts:		
1.1 Net premiums and annuity considerations for life and accident and health contracts	4,257,034,891	5,165,334,102
1.2 Considerations for supplementary contracts with life contingencies	3,538,733	8,379,615
1.3 Aggregate write-ins for other transfers to Separate Accounts	301,031,685	391,185,605
1.4 Totals (Lines 1.1 to 1.3)	4,561,605,309	5,564,899,322
2. Transfers on account of deposit-type contracts (including \$ 6,300,743 deposits less \$ 8,905,985 withdrawals)	(2,605,242)	1,584,699
3. Net investment income and capital gains and losses	(424,844,446)	(741,703,402)
4. Aggregate write-ins for other income	26,249	(1,099,049)
5. Totals (Lines 1.4 to 4)	4,134,181,869	4,823,681,570
DEDUCT:		
6. Transfers from the Separate Account on account of contract benefits:		
6.1 Death benefits		
6.2 Matured endowments		
6.3 Annuity benefits	457,587,532	450,908,042
6.4 Payments on supplementary contracts with life contingencies	17,751,828	11,838,898
6.5 Accident and health benefits		
6.6 Surrender benefits and withdrawals for life contracts	5,318,048,217	4,394,960,490
6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits	1,717,536,489	1,113,570,927
7. Transfers on account of policy loans		
8. Net transfer of reserves from or (to) Separate Accounts		
9. Other transfers from the Separate Accounts:		
9.1 Federal and foreign income taxes incurred		
9.2 Change in expense allowances recognized in reserves		
9.3 Aggregate write-ins for other transfers from Separate Accounts		
10. Subtotals (Lines 6.1 to 9.3)	7,510,924,066	5,971,278,357
11. Fees associated with charges for investment management, administration and contract guarantees	301,043,437	297,831,288
12. Increase in aggregate reserve for life and accident and health contracts	(3,683,310,170)	(1,478,384,918)
13. Increase in liability for deposit-type contracts	(4,040,226)	402,288
14. Increase in reserve for future federal income taxes		
15. Aggregate write-ins for reserves and funds		
16. Totals (Lines 10 to 15)	4,124,617,108	4,791,127,015
17. Net gain from operations (including \$ (1,899,005,763) unrealized capital gains) (Line 5 minus Line 16)	9,564,762	32,554,555
SURPLUS ACCOUNT		
18. Surplus, December 31, prior year	135,514,315	102,959,760
19. Net gain from operations (Line 17)	9,564,762	32,554,555
20. Surplus contributed or (withdrawn) during year	617,629,056	
21. Change in reserve on account of change in valuation basis, (increase) or decrease		
22. Transfer from Separate Accounts of the change in expense allowances recognized in Line 21		
23. Aggregate write-ins for gains and losses in surplus		
24. Surplus, December 31, current year (Page 3, Line 21)	762,708,133	135,514,315
DETAILS OF WRITE-INS		
01.301. Participant transfers from general account	301,031,685	391,185,605
01.302.		
01.303.		
01.398. Summary of remaining write-ins for Line 1.3 from overflow page		
01.399. Totals (Lines 01.301 thru 01.303 plus 01.398)(Line 1.3 above)	301,031,685	391,185,605
0401. Miscellaneous income (expense)	26,249	(1,099,049)
0402.		
0403.		
0498. Summary of remaining write-ins for Line 4 from overflow page		
0499. Totals (Lines 0401 thru 0403 plus 0498)(Line 4 above)	26,249	(1,099,049)
06.701. Participant transfers to general account	1,463,882,082	977,981,474
06.702. Miscellaneous transfers	253,412,608	136,236,512
06.703. Miscellaneous gains and losses	241,798	(647,059)
06.798. Summary of remaining write-ins for Line 6.7 from overflow page		
06.799. Totals (Lines 06.701 thru 06.703 plus 06.798)(Line 6.7 above)	1,717,536,489	1,113,570,927
09.301.		
09.302.		
09.303.		
09.398. Summary of remaining write-ins for Line 9.3 from overflow page		
09.399. Totals (Lines 09.301 thru 09.303 plus 09.398)(Line 9.3 above)		
1501.		
1502.		
1503.		
1598. Summary of remaining write-ins for Line 15 from overflow page		
1599. Totals (Lines 1501 thru 1503 plus 1598)(Line 15 above)		
2301.		
2302.		
2303.		
2398. Summary of remaining write-ins for Line 23 from overflow page		
2399. Totals (Lines 2301 thru 2303 plus 2398)(Line 23 above)		

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - SUMMARY

	1	2	3	4	5	6	7
	Total	Individual Life	Group Life	Individual Annuities	Group Annuities	Accident and Health	Other Lines of Business
1. Transfers to Separate Accounts:							
1.1 Net premiums and annuity considerations for life and accident and health contracts	4,257,034,891			1,349,187,004	2,907,847,887		
1.2 Considerations for supplementary contracts with life contingencies	3,538,733	XXX	XXX	3,538,733		XXX	
1.3 Aggregate write-ins for other transfers to Separate Accounts	301,031,685			135,630,396	165,401,289		
1.4 Totals (Lines 1.1 to 1.3).....	4,561,605,309			1,488,356,133	3,073,249,176		
2. Transfers on account of deposit-type contracts (including \$ 6,300,743 deposits less \$ 8,905,985 withdrawals)	(2,605,242)			(2,125,685)	(479,557)		
3. Net investment income and capital gains and losses	(424,844,446)			(640,169,267)	215,324,821		
4. Aggregate write-ins for other income	26,249			10,168	16,081		
5. Totals (Lines 1.4 to 4)	4,134,181,869			846,071,348	3,288,110,521		
DEDUCT:							
6. Transfers from the Separate Account on account of contract benefits:							
6.1 Death benefits						XXX	
6.2 Matured endowments						XXX	
6.3 Annuity benefits	457,587,532	XXX	XXX	382,224,885	75,362,647	XXX	
6.4 Payments on supplementary contracts with life contingencies	17,751,828	XXX	XXX	17,741,136	10,692	XXX	
6.5 Accident and health benefits		XXX	XXX	XXX	XXX		
6.6 Surrender benefits and withdrawals for life contracts	5,318,048,217			2,731,252,987	2,586,795,230	XXX	
6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits	1,717,536,489			872,253,565	845,282,924		
7. Transfers on account of policy loans						XXX	
8. Net transfer of reserves from or (to) Separate Accounts							
9. Other transfers from the Separate Accounts:							
9.1 Federal and foreign income taxes incurred						XXX	
9.2 Change in expense allowances recognized in reserves						XXX	
9.3 Aggregate write-ins for other transfers from Separate Accounts							
10. Subtotals (Lines 6.1 to 9.3)	7,510,924,066			4,003,472,573	3,507,451,493		
11. Fees associated with charges for investment management, administration and contract guarantees	301,043,437			198,132,412	102,911,025		
12. Increase in aggregate reserve for life and accident and health contracts	(3,683,310,170)			(3,351,866,597)	(331,443,573)		
13. Increase in liability for deposit-type contracts	(4,040,226)			(3,667,040)	(373,186)	XXX	
14. Increase in reserve for future federal income taxes							
15. Aggregate write-ins for reserves and funds							
16. Totals (Lines 10 to 15)	4,124,617,108			846,071,348	3,278,545,759		
17. Net gain from operations (including \$ (1,899,005,763) unrealized capital gains) (Line 5 minus Line 16)	9,564,762				9,564,762		
18. Policies/certificates in force end of year	2,353,958			939,441	1,414,517		
DETAILS OF WRITE-INS							
01.301. Participant transfers from general account	301,031,685			135,630,396	165,401,289		
01.302.							
01.303.							
01.398. Summary of remaining write-ins for Line 1.3 from overflow page							
01.399. Totals (Lines 01.301 thru 01.303 plus 01.398) (Line 1.3 above)	301,031,685			135,630,396	165,401,289		
0401. Miscellaneous income	26,249			10,168	16,081		
0402.							
0403.							
0498. Summary of remaining write-ins for Line 4 from overflow page							
0499. Totals (Lines 0401 thru 0403 plus 0498) (Line 4 above)	26,249			10,168	16,081		
06.701. Participant transfers to general account	1,463,882,083			743,935,674	719,946,409		
06.702. Miscellaneous transfers	253,412,608			128,003,042	125,409,566		
06.703. Miscellaneous gains and losses	241,798			314,849	(73,051)		
06.798. Summary of remaining write-ins for Line 6.7 from overflow page							
06.799. Totals (Lines 06.701 thru 06.703 plus 06.798) (Line 6.7 above)	1,717,536,489			872,253,565	845,282,924		
09.301.							
09.302.							
09.303.							
09.398. Summary of remaining write-ins for Line 9.3 from overflow page							
09.399. Totals (Lines 09.301 thru 09.303 plus 09.398) (Line 9.3 above)							
1501.							
1502.							
1503.							
1598. Summary of remaining write-ins for Line 15 from overflow page							
1599. Totals (Lines 1501 thru 1503 plus 1598) (Line 15 above)							

Analysis of Operations by Lines of Business - Individual Life Insurance

N O N E

Analysis of Operations by Lines of Business - Group Life Insurance

N O N E

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA
ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - INDIVIDUAL ANNUITIES (a)

	1 Total	Deferred			6 Life Contingent Payout (Immediate and Annuityizations)	7 Other Annuities
		2 Fixed Annuities	3 Indexed Annuities	4 Variable Annuities With Guarantees			5 Variable Annuities Without Guarantees
1. Transfers to Separate Accounts:						
1.1 Net annuity considerations for annuity contracts	1,349,187,004			1,349,187,004		
1.2 Considerations for supplementary contracts with life contingencies	3,538,733	XXX	XXX	XXX	3,538,733	XXX
1.3 Aggregate write-ins for other transfers to Separate Accounts	135,630,396			135,630,396		
1.4 Totals (Lines 1.1 to 1.3)	1,488,356,133			1,484,817,400	3,538,733	
2. Transfers on account of deposit-type contracts (including \$ 1,944,697 deposits less \$ 4,070,381 withdrawals)	(2,125,685)					(2,125,685)
3. Net investment income and capital gains and losses	(640,169,269)			(617,633,827)	(21,238,344)	(1,297,098)
4. Aggregate write-ins for other income	10,168			10,168		
5. Totals (Lines 1.4 to 4)	846,071,347			867,193,741	(17,699,611)	(3,422,783)
DEDUCT:						
6. Transfers from the Separate Account on account of contract benefits:						
6.1 Death benefits						
6.2 Matured endowments						
6.3 Annuity benefits	382,224,885			382,224,885		
6.4 Payments on supplementary contracts with life contingencies	17,741,136	XXX	XXX	XXX	17,741,136	XXX
6.5 Accident and health benefits	XXX	XXX	XXX	XXX	XXX	XXX
6.6 Surrender benefits and withdrawals for life contracts	2,731,252,987			2,721,447,363	9,805,624	
6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits	872,253,565			872,253,565		
7. Transfers on account of policy loans						
8. Net transfer of reserves from or (to) Separate Accounts						
9. Other transfers from the Separate Accounts:						
9.1 Federal and foreign income taxes incurred						
9.2 Change in expense allowances recognized in reserves						
9.3 Aggregate write-ins for other transfers from Separate Accounts						
10. Subtotals (Lines 6.1 to 9.3)	4,003,472,573			3,975,925,813	27,546,760	
11. Fees associated with charges for investment management, administration and contract guarantees	198,132,412			195,934,098	1,954,057	244,257
12. Increase in aggregate reserve for life and accident and health contracts	(3,351,866,597)			(3,304,666,169)	(47,200,428)	
13. Increase in liability for deposit-type contracts	(3,667,040)					(3,667,040)
14. Increase in reserve for future federal income taxes						
15. Aggregate write-ins for reserves and funds						
16. Totals (Lines 10 to 15)	846,071,348			867,193,742	(17,699,611)	(3,422,783)
17. Net gain from operations (including \$ (942,302,781) unrealized capital gains) (Line 5 minus Line 16)						
18. Policies/certificates in force end of year	939,441			939,430	11	
DETAILS OF WRITE-INS						
01.301. Participant transfers from general account	135,630,396			135,630,396		
01.302.						
01.303.						
01.398. Summary of remaining write-ins for Line 1.3 from overflow page						
01.399. Totals (Lines 01.301 thru 01.303 plus 01.398) (Line 1.3 above)	135,630,396			135,630,396		
0401. Miscellaneous income	10,168			10,168		
0402.						
0403.						
0498. Summary of remaining write-ins for Line 4 from overflow page						
0499. Totals (Lines 0401 thru 0403 plus 0498) (Line 4 above)	10,168			10,168		
06.701. Participant transfers to general account	743,935,674			743,935,674		
06.702. Miscellaneous transfers	128,003,042			128,003,042		
06.703. Miscellaneous gains and losses	314,849			314,849		
06.798. Summary of remaining write-ins for Line 6.7 from overflow page						
06.799. Totals (Lines 06.701 thru 06.703 plus 06.798) (Line 6.7 above)	872,253,565			872,253,565		
09.301.						
09.302.						
09.303.						
09.398. Summary of remaining write-ins for Line 9.3 from overflow page						
09.399. Totals (Lines 09.301 thru 09.303 plus 09.398) (Line 9.3 above)						
1501.						
1502.						
1503.						
1598. Summary of remaining write-ins for Line 15 from overflow page						
1599. Totals (Lines 1501 thru 1503 plus 1598) (Line 15 above)						

(a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected.

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA
ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - GROUP ANNUITIES (a)
(N/A Fraternal)

	1 Total	Deferred				6 Life Contingent Payout (Immediate and Annuizations)	7 Other Annuities
		2 Fixed Annuities	3 Indexed Annuities	4 Variable Annuities With Guarantees	5 Variable Annuities Without Guarantees		
1. Transfers to Separate Accounts:							
1.1 Net annuity considerations for annuity contracts	2,907,847,887	542,845,685		2,365,002,202			
1.2 Considerations for supplementary contracts with life contingencies		XXX	XXX	XXX	XXX		XXX
1.3 Aggregate write-ins for other transfers to Separate Accounts	165,401,290	26,199,263		139,202,027			
1.4 Totals (Lines 1.1 to 1.3)	3,073,249,177	569,044,948		2,504,204,229			
2. Transfers on account of deposit-type contracts (including \$ 4,356,046 deposits less \$ 4,835,604 withdrawals)	(479,557)			(303,568)			(175,989)
3. Net investment income and capital gains and losses	215,324,821	78,002,758		137,237,188		10,692	74,183
4. Aggregate write-ins for other income	16,081			16,081			
5. Totals (Lines 1.4 to 4)	3,288,110,522	647,047,706		2,641,153,930		10,692	(101,806)
DEDUCT:							
6. Transfers from the Separate Account on account of contract benefits:							
6.1 Death benefits							
6.2 Matured endowments	75,362,647	12,226,860		63,135,787			
6.3 Annuity benefits	10,692	XXX	XXX	XXX	XXX	10,692	XXX
6.4 Payments on supplementary contracts with life contingencies	XXX	XXX	XXX	XXX	XXX	XXX	XXX
6.5 Accident and health benefits							
6.6 Surrender benefits and withdrawals for life contracts	2,586,795,230	539,271,687		2,047,523,543			
6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits	845,282,924	132,995,655		712,287,269			
7. Transfers on account of policy loans							
8. Net transfer of reserves from or (to) Separate Accounts							
9. Other transfers from the Separate Accounts:							
9.1 Federal and foreign income taxes incurred							
9.2 Change in expense allowances recognized in reserves							
9.3 Aggregate write-ins for other transfers from Separate Accounts							
10. Subtotals (Lines 6.1 to 9.3)	3,507,451,493	684,494,202		2,822,946,599		10,692	
11. Fees associated with charges for investment management, administration and contract guarantees	102,911,025			102,911,025			
12. Increase in aggregate reserve for life and accident and health contracts	(331,443,573)	(47,011,259)		(284,432,314)			
13. Increase in liability for deposit-type contracts	(373,186)			(271,380)			(101,806)
14. Increase in reserve for future federal income taxes							
15. Aggregate write-ins for reserves and funds							
16. Totals (Lines 10 to 15)	3,278,545,759	637,482,943		2,641,153,930		10,692	(101,806)
17. Net gain from operations (including \$ (956,702,982) unrealized capital gains) (Line 5 minus Line 16)	9,564,762	9,564,762					
18. Policies/certificates in force end of year	1,414,517	125,426		1,289,091			
DETAILS OF WRITE-INS							
01.301. Participant transfers from general account	165,401,290	26,199,263		139,202,027			
01.302.							
01.303.							
01.398. Summary of remaining write-ins for Line 1.3 from overflow page							
01.399. Totals (Lines 01.301 thru 01.303 plus 01.398) (Line 1.3 above)	165,401,290	26,199,263		139,202,027			
0401. Miscellaneous income	16,081			16,081			
0402.							
0403.							
0498. Summary of remaining write-ins for Line 4 from overflow page							
0499. Totals (Lines 0401 thru 0403 plus 0498) (Line 4 above)	16,081			16,081			
06.701. Participant transfers to general account	719,946,408	76,752,684		643,193,724			
06.702. Miscellaneous transfers	125,409,566	56,330,090		69,079,476			
06.703. Miscellaneous gains and losses	(73,050)	(87,119)		14,069			
06.798. Summary of remaining write-ins for Line 6.7 from overflow page							
06.799. Totals (Lines 06.701 thru 06.703 plus 06.798) (Line 6.7 above)	845,282,924	132,995,655		712,287,269			
09.301.							
09.302.							
09.303.							
09.398. Summary of remaining write-ins for Line 9.3 from overflow page							
09.399. Totals (Lines 09.301 thru 09.303 plus 09.398) (Line 9.3 above)							
1501.							
1502.							
1503.							
1598. Summary of remaining write-ins for Line 15 from overflow page							
1599. Totals (Lines 1501 thru 1503 plus 1598) (Line 15 above)							

(a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected.

Analysis of Operations by Lines of Business - Accident and Health

N O N E

Analysis of Increase in Reserves During the Year - Individual Life Insurance

N O N E

Analysis of Increase in Reserves During the Year - Group Life Insurance

N O N E

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA
ANALYSIS OF INCREASE IN RESERVES DURING THE YEAR - INDIVIDUAL ANNUITIES (a)

	1 Total	Deferred				6 Life Contingent Payout (Immediate and Annuityizations)	7 Other Annuities
		2 Fixed Annuities	3 Indexed Annuities	4 Variable Annuities With Guarantees	5 Variable Annuities Without Guarantees		
1. Reserve December 31 of prior year	25,777,768,485			25,595,120,254		182,648,231	
2. Tabular net premiums and considerations	1,352,725,737			1,349,187,004		3,538,733	
3. Increase or (decrease) from investment results after provision for federal income taxes	(642,278,916)			(621,385,622)		(20,893,294)	
4. Tabular less actual reserve released							
5. Increase in reserve on account of change in valuation basis							
6. Other increases (net)	18,510			18,510			
7. Totals (Lines 1 to 6)	26,488,233,816			26,322,940,146		165,293,670	
8. Net transfer of reserves from or (to) Separate Accounts	736,623,169			736,622,502		667	
9. Tabular cost							
10. Reserves released by death .....	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX
11. Reserves released by other terminations (net)							
12. Transfers on account of annuity and supplementary contract payments involving life contingencies	3,127,820,604			3,099,929,462		27,891,142	
13. Charges for investment management, administration and contract guarantees	197,888,155			195,934,098		1,954,057	
14. Aggregate write-ins for other decreases in reserves							
15. Total deductions (Lines 8 to 14)	4,062,331,928			4,032,486,062		29,845,866	
16. Reserve December 31 of current year	22,425,901,888			22,290,454,084		135,447,804	
Cash Surrender Value and Policy Loans							
17. CSV ending balance December 31, current year	22,425,901,888			22,290,454,084		135,447,804	
18. Amount available for policy loans based upon line 17 CSV							
DETAILS OF WRITE-INS							
1401.							
1402.							
1403.							
1498. Summary of remaining write-ins for Line 14 from overflow page							
1499. TOTALS (Lines 1401 thru 1403 plus 1498) (Line 14 above)							

(a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected.

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA
ANALYSIS OF INCREASE IN RESERVES DURING THE YEAR - GROUP ANNUITIES (a)
(N/A Fraternal)

	1 Total	Deferred			6 Life Contingent Payout (Immediate and Annuitizations)	7 Other Annuities
		2 Fixed Annuities	3 Indexed Annuities	4 Variable Annuities With Guarantees			5 Variable Annuities Without Guarantees
1. Reserve December 31 of prior year	23,100,056,427	2,861,486,907		20,238,569,520		
2. Tabular net premiums and considerations	2,907,847,887	542,845,686		2,365,002,201		
3. Increase or (decrease) from investment results after provision for federal income taxes	205,653,688	68,441,047		137,212,641		
4. Tabular less actual reserve released						
5. Increase in reserve on account of change in valuation basis						
6. Other increases (net)	16,081			16,081		
7. Totals (Lines 1 to 6)	26,213,574,083	3,472,773,640		22,740,800,443		
8. Net transfer of reserves from or (to) Separate Accounts	679,881,635	106,796,393		573,085,242		
9. Tabular cost						
10. Reserves released by death	XXX	XXX	XXX	XXX	XXX	XXX
11. Reserves released by other terminations (net)						
12. Transfers on account of annuity and supplementary contract payments involving life contingencies	2,662,168,569	551,501,599		2,110,666,970		
13. Charges for investment management, administration and contract guarantees	102,911,024			102,911,024		
14. Aggregate write-ins for other decreases in reserves						
15. Total deductions (Lines 8 to 14)	3,444,961,228	658,297,992		2,786,663,236		
16. Reserve December 31 of current year	22,768,612,855	2,814,475,648		19,954,137,207		
Cash Surrender Value and Policy Loans						
17. CSV ending balance December 31, current year	22,768,612,855	2,814,475,648		19,954,137,207		
18. Amount available for policy loans based upon line 17 CSV						
DETAILS OF WRITE-INS						
1401.						
1402.						
1403.						
1498. Summary of remaining write-ins for Line 14 from overflow page						
1499. TOTALS (Lines 1401 thru 1403 plus 1498) (Line 14 above)						

(a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected.

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

ANALYSIS OF RESERVES DURING THE YEAR - ACCIDENT AND HEALTH(a)

	1 Total	Comprehensive		4 Medicare Supplement	5 Vision Only	6 Dental Only	7 Federal Employees Health Benefits Plan	8 Title XVIII Medicare	9 Title XIX Medicaid	10 Credit A&H	11 Disability Income	12 Long-Term Care	13 Other Health
		2 Individual	3 Group										
ACTIVE LIFE RESERVE													
1. Unearned premium reserves													
2. Additional contract reserves (a)													
3. Additional actuarial reserves-Asset/Liability analysis													
4. Reserve for future contingent benefits													
5. Reserve for rate credits													
6. Aggregate write-ins for reserves													
7. Totals (Gross)													
8. Reinsurance ceded													
9. Totals (Net)													
CLAIM RESERVE													
10. Present value of amounts not yet due on claims													
11. Additional actuarial reserves-Asset/Liability analysis													
12. Reserve for future contingent benefits													
13. Aggregate write-ins for reserves													
14. Totals (Gross)													
15. Reinsurance ceded													
16. Totals (Net)													
17. TOTAL (Net)													
18. TABULAR FUND INTEREST													
DETAILS OF WRITE-INS													
0601.													
0602.													
0603.													
0698. Summary of remaining write-ins for Line 6 from overflow page													
0699. TOTALS (Lines 0601 thru 0603 plus 0698) (Line 6 above)													
1301.													
1302.													
1303.													
1398. Summary of remaining write-ins for Line 13 from overflow page													
1399. TOTALS (Lines 1301 thru 1303 plus 1398) (Line 13 above)													

NONE

(a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected.

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

EXHIBIT OF NET INVESTMENT INCOME

	1 Collected During Year	2 Earned During Year
1. U.S. Government bonds	(a) 1,156,177	385,653
1.1 Bonds exempt from U.S. tax	(a)	
1.2 Other bonds (unaffiliated)	(a) 99,797,237	98,685,738
1.3 Bonds of affiliates	(a)	
2.1 Preferred stocks (unaffiliated)	(b)	
2.11 Preferred stocks of affiliates	(b)	
2.2 Common stocks (unaffiliated)	620,669,605	620,725,195
2.21 Common stocks of affiliates		
3. Mortgage loans	(c) 116,381,540	116,381,540
4. Real estate	(d) 1,058,687,679	1,058,687,679
5. Contract loans		
6. Cash, cash equivalents and short-term investments	(e) 24,902,446	25,087,691
7. Derivative instruments	(f)	
8. Other invested assets	234,309,178	234,309,183
9. Aggregate write-ins for investment income	286,064	173,293
10. Total gross investment income	2,156,189,926	2,154,435,972
11. Investment expenses		(g) 276,764,646
12. Investment taxes, licenses and fees, excluding federal income taxes		(g) 174,252,168
13. Interest expense		(h) 67,172,910
14. Depreciation on real estate and other invested assets		(i)
15. Aggregate write-ins for deductions from investment income		
16. Total deductions (Lines 11 through 15)		518,189,724
17. Net investment income (Line 10 minus Line 16)		1,636,246,248
DETAILS OF WRITE-INS		
0901. Amortization of IMR		(112,771)
0902. Miscellaneous investment income	96,575	96,575
0903. Miscellaneous income Sec. Lending	189,489	189,489
0998. Summary of remaining write-ins for Line 9 from overflow page		
0999. Totals (Lines 0901 thru 0903 plus 0998) (Line 9, above)	286,064	173,293
1501.		
1502.		
1503.		
1598. Summary of remaining write-ins for Line 15 from overflow page		
1599. Totals (Lines 1501 thru 1503 plus 1598) (Line 15, above)		

- (a) Includes \$ 5,271,999 accrual of discount less \$ 1,985,145 amortization of premium and less \$ 437,963 paid for accrued interest on purchases.
- (b) Includes \$ accrual of discount less \$ 15,791 amortization of premium and less \$ paid for accrued dividends on purchases.
- (c) Includes \$ accrual of discount less \$ amortization of premium and less \$ paid for accrued interest on purchases.
- (d) Includes \$ for company's occupancy of its own buildings; and excludes \$ interest on encumbrances.
- (e) Includes \$ 25,248,710 accrual of discount less \$ 114 amortization of premium and less \$ paid for accrued interest on purchases.
- (f) Includes \$ accrual of discount less \$ amortization of premium.
- (g) Includes \$ investment expenses and \$ investment taxes, licenses and fees, excluding federal income taxes, attributable to segregated and Separate Accounts.
- (h) Includes \$ interest on surplus notes and \$ interest on capital notes.
- (i) Includes \$ depreciation on real estate and \$ depreciation on other invested assets.

EXHIBIT OF CAPITAL GAINS (LOSSES)

	1	2	3	4	5
	Realized Gain (Loss) On Sales or Maturity	Other Realized Adjustments	Total Realized Capital Gain (Loss) (Columns 1 + 2)	Change in Unrealized Capital Gain (Loss)	Change in Unrealized Foreign Exchange Capital Gain (Loss)
1. U.S. Government bonds	(13,337,838)		(13,337,838)	7,638,820	
1.1 Bonds exempt from U.S. tax					
1.2 Other bonds (unaffiliated)	(24,544,644)		(24,544,644)	10,760,164	
1.3 Bonds of affiliates					
2.1 Preferred stocks (unaffiliated)					
2.11 Preferred stocks of affiliates					
2.2 Common stocks (unaffiliated)	158,428,752		158,428,752	2,259,702,717	
2.21 Common stocks of affiliates					
3. Mortgage loans	(69,993,803)		(69,993,803)	(274,664,196)	
4. Real estate	30,332,215		30,332,215	(2,432,965,871)	
5. Contract loans					
6. Cash, cash equivalents and short-term investments	(392,108)	(3,980)	(396,088)	(414)	23,053
7. Derivative instruments					
8. Other invested assets	(258,974,423)		(258,974,423)	(1,469,500,035)	
9. Aggregate write-ins for capital gains (losses)	2,753,309		2,753,309		
10. Total capital gains (losses)	(175,728,540)	(3,980)	(175,732,520)	(1,899,028,816)	23,053
DETAILS OF WRITE-INS					
0901. Capital losses transferred Interest Maintenance Reserve	2,753,309		2,753,309		
0902.					
0903.					
0998. Summary of remaining write-ins for Line 9 from overflow page					
0999. Totals (Lines 0901 thru 0903 plus 0998) (Line 9, above)	2,753,309		2,753,309		

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

EXHIBIT 1 - INVESTMENT EXPENSES

	1 Amount
1. Rent	
2. Salaries and wages	
3. Contributions for benefit plans for employees (a)	
4. Payments to employees under non-funded benefit plans	
5. Other employee welfare	
6. Legal fees and expenses	
7. Fees of public accountants and consulting actuaries	
8. Traveling expenses	
9. Postage, express, telegraph and telephone	
10. Printing and stationery	
11. Cost or depreciation of furniture and equipment	
12. Rental of equipment	
13. Books and periodicals	
14. Bureau and association fees	
15. Insurance, except on real estate	
16. Miscellaneous losses	
17. Collection and bank service charges	
18. Sundry general expenses	
19. Real estate expenses	276,764,646
20. Investment expenses not included elsewhere	
21. Aggregate write-ins for other investment expenses	
22. Investment expenses incurred	276,764,646
Reconciliation with Exhibit 5	
23. Investment expenses unpaid December 31, prior year	
24. Investment expenses unpaid December 31, current year	
25. Investment expenses paid during year (Lines 22 + 23 - 24) (to Exhibit 5, Line 12)	276,764,646
DETAILS OF WRITE-INS	
2101.	
2102.	
2103.	
2198. Summary of remaining write-ins for Line 21 from overflow page	
2199. Totals (Lines 2101 thru 2103 plus 2198) (Line 21 above)	

(a) Includes \$ on account of prior service.

**EXHIBIT 2 - INVESTMENT TAXES, LICENSES AND FEES
(EXCLUDING FEDERAL INCOME TAXES)**

	1 Amount
1. Real estate taxes	174,252,168
2. State insurance department fees.....	
3. Other state taxes, including \$ for employee benefits	
4. U.S. Social Security taxes	
5. All other taxes	
6. Taxes, licenses and fees incurred	174,252,168
Reconciliation with Exhibit 5	
7. Taxes, licenses and fees unpaid December 31, prior year	
8. Taxes, licenses and fees unpaid December 31, current year	
9. Taxes, licenses and fees paid during year (Lines 6 + 7 - 8) (to Exhibit 5, Line 13)	174,252,168

EXHIBIT 3 - AGGREGATE RESERVE FOR LIFE, ANNUITY AND ACCIDENT AND HEALTH CONTRACTS

1	2	3	4
Description of Valuation Basis	Total ^(a)	Ordinary	Group
0200001. Deferred Variable NAV MV (DEF,NFI) 1994-2023	41,741,059,370	21,786,922,163	19,954,137,207
0200002. A-2000 +SETBACK MOST RECENT DECLARATION (4.00%) (<5yr) ANB (DEF,NFI) 2023-2023	2,814,475,648		2,814,475,648
0200003. A-2000 (3.25,3.25) 4% (IMM,FI) 1996-2014	240,327,326	240,327,326	
0200004. 2012 IAR 4% (IMM,FI) 2015-2023	208,052,396	208,052,396	
0200005. 2012 IAR 3.75% (IMM,FI) 2017-2018	55,141,902	55,141,902	
0299999. Annuities: Totals	45,059,056,642	22,290,443,787	22,768,612,855
0300001. Deferred Variable NAV MV (DEF,NFI) 1995-2023	132,475,723	132,475,723	
0300002. A-2000 (3.25,3.25) 4% (IMM,FI) 1996-2014	456,635	456,635	
0300003. 2012 IAR 4% (IMM,FI) 2015-2023	1,685,004	1,685,004	
0300004. 2012 IAR 3.75% (IMM,FI) 2017-2018	840,740	840,740	
0399999. Supplementary Contracts: Totals	135,458,102	135,458,102	
9999999. Totals (to Page 3, Line 1)	45,194,514,744	22,425,901,889	22,768,612,855

(a) Included in the above table are amounts of deposit-type contracts that originally contained a mortality risk. Amounts of deposit-type contracts that no longer contain a mortality risk in Column 2 are: Life Insurance \$; Annuities \$ 2,690,827 ; Supplementary Contracts with Life Contingencies \$; Accident and Health Contracts \$; Miscellaneous Reserves \$

EXHIBIT 3 - INTERROGATORIES

- 1.1 Has the reporting entity ever issued both participating and non-participating variable life insurance contracts?..... Yes [] No [X]
- 2.1 Does the reporting entity at present issue both participating and non-participating variable life insurance contracts?..... Yes [] No [X]
- 2.2 If not, state which kind is issued
Neither
- 3.1 Is any surrender value promised in excess of the reserve as legally computed? Yes [] No [X] N/A []
- 3.2 If so, the amount of such excess must be included in surrender values in excess of reserves otherwise required and carried in this schedule. Has this been done? Yes [] No [] N/A [X]
Attach a statement of methods employed in the valuation of variable life insurance contracts issued at, or subsequently subject to, an extra premium or in the valuation of contracts otherwise issued on lives classified as substandard for the plan of contract issued or on special class lives (including paid-up variable life insurance).

EXHIBIT 3A - CHANGES IN BASIS OF VALUATION DURING THE YEAR

(Including supplementary contracts set up on a basis other than that used to determine benefits)

1 Description of Valuation Class	Valuation Basis		4 Increase in Actuarial Reserve Due to Change
	2 Changed From	3 Changed To	
NONE			
9999999 - Totals (Page 6, Line 5, Analysis of Increase in Reserves)			

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

EXHIBIT 4 - DEPOSIT TYPE CONTRACTS

	1	2	3	4	5	6
	Total	Guaranteed Interest Contracts	Annuities Certain	Supplemental Contracts	Dividend Accumulations or Refunds	Premium and Other Deposit Funds
1. Balance at the beginning of the year	24,067,315		14,898,110	777,747		8,391,458
2. Deposits received during the year	6,300,743		1,854,935	89,762		4,356,046
3. Investment earnings credited to account	(1,190,727)		(1,313,403)	16,305		106,372
4. Other net change in reserves						
5. Fees and other charges assessed	244,257		244,257			
6. Surrender charges						
7. Net surrender or withdrawal payments	8,905,985		3,869,188	201,193		4,835,604
8. Other net transfer to or (from) general account						
9. Balance at the end of current year (Lines 1+2+3+4-5-6-7-8)	20,027,089		11,326,197	682,621		8,018,272

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

EXHIBIT 5 - RECONCILIATION OF CASH AND INVESTED ASSETS

DEVELOPMENT OF INCREASE IN CASH		1 Amount
1.	Transfers to Separate Accounts on account of:	
1.1	Net premiums and considerations for annuities and supplementary contracts with life contingencies	4,260,573,624
1.2	Aggregate write-ins for other transfers to Separate Accounts	301,031,685
2.	Deposits on deposit-type contract funds and other liabilities without life or disability contingencies	6,300,743
3.	Investment income collected	2,156,189,926
4.	Consideration on disposal of short-term bonds net of purchases	207,649,340
5.	Consideration on disposal of investments (excluding short-term bonds)	3,132,772,133
6.	Aggregate write-ins for other increases in funds from operations	26,249
7.	Total (Lines 1 to 6)	10,064,543,700
8.	Cost of investments acquired (excluding short-term bonds)	3,273,155,869
9.	Transfers from Separate Accounts on account of contract benefits:	
9.1	Death benefits	
9.2	Matured endowments	
9.3	Annuity benefits	457,587,532
9.4	Supplementary contract benefits with life contingencies	17,751,828
9.5	Accident and health benefits	
9.6	Surrender benefits and withdrawals for life contracts	5,318,048,217
9.7	Policy loans (net)	
9.8	Transfers of reserves (net)	
9.9	Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits	1,717,536,489
10.	Other transfers from Separate Accounts:	
10.1	Federal income taxes	
10.2	Aggregate write-ins for other transfers from Separate Accounts	
11.	Withdrawals on deposit-type contract funds and other liabilities without life or disability contingencies	8,905,985
12.	Investment expenses (Exhibit 1, Line 25)	276,764,646
12.1	Fees associated with investment management, administration and contract guarantees	301,043,437
13.	Investment taxes, licenses and fees, excluding federal income taxes (Exhibit 2, Line 9)	174,252,168
14.	Total (Lines 8 to 13)	11,545,046,171
15.	Funds from operations (Line 7 minus Line 14)	(1,480,502,471)
16.	Surplus contributed or (withdrawn) during year	617,629,056
17.	Aggregate write-ins for other changes in funds	
18.	Total funds (includes \$ net transfers from general account) (Lines 15 to 17)	(862,873,415)
19.	Increase in payable for investments acquired, net of receivable for investments sold	(3,921,575)
20.	Decrease in policy loans	
21.	Aggregate write-ins for other reconciling items	296,482,332
22.	Increase in cash (Line 18 to 21)	(570,312,658)
RECONCILIATION BETWEEN YEARS		
23.	Cash and invested assets, December 31st of prior year	49,816,294,842
24.	Increase in cash (Line 22)	(570,312,658)
25.	Cost of invested assets acquired	3,340,220,782
26.	Adjusted cost of assets disposed of	3,654,971,345
27.	Increase in policy loans	
28.	Accrual of discount less amortization of premium	7,361,191
29.	Depreciation on real estate and other invested assets	
30.	Increase in net unrealized gains	(1,899,027,360)
31.	Aggregate write-ins for other reconciling items	46,948,186
32.	Cash and invested assets, December 31st of current year	47,086,513,638
DETAILS OF WRITE-INS		
01.201.	Participant transfers from general account	301,031,685
01.202.	.....
01.203.	.....
01.298.	Summary of remaining write-ins for Line 1.2 from overflow page	
01.299.	Totals (Lines 01.201 thru 01.203 plus 01.298) (Line 1.2 above)	301,031,685
0601.	Miscellaneous income (expense)	26,249
0602.	.....
0603.	.....
0698.	Summary of remaining write-ins for Line 6 from overflow page	
0699.	Totals (Lines 0601 thru 0603 plus 0698) (Line 6 above)	26,249
09.901.	Participant transfers to general account	1,463,882,082
09.902.	Miscellaneous transfers	253,412,608
09.903.	Miscellaneous gains and losses	241,799
09.998.	Summary of remaining write-ins for Line 9.9 from overflow page	
09.999.	Totals (Lines 09.901 thru 09.903 plus 09.998) (Line 09.9 above)	1,717,536,489
10.201.	.....
10.202.	.....
10.203.	.....
10.298.	Summary of remaining write-ins for Line 10.2 from overflow page	
10.299.	Totals (Lines 10.201 thru 10.203 plus 10.298) (Line 10.2 above)	
1701.	.....
1702.	.....
1703.	.....
1798.	Summary of remaining write-ins for Line 17 from overflow page	
1799.	Totals (Lines 1701 thru 1703 plus 1798) (Line 17 above)	
2101.	Change in other assets	27,174,703
2102.	Change in other liabilities	269,307,629
2103.	.....
2198.	Summary of remaining write-ins for Line 21 from overflow page	
2199.	Totals (Lines 2101 thru 2103 plus 2198) (Line 21 above)	296,482,332
3101.	Miscellaneous investment adjustments	46,948,186
3102.	.....
3103.	.....
3198.	Summary of remaining write-ins for Line 31 from overflow page	
3199.	Totals (Lines 3101 thru 3103 plus 3198) (Line 31 above)	46,948,186

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

EXHIBIT 6 - GUARANTEED INSURANCE AND ANNUITY PRODUCTS

	1 Amount	2 Percent of Total
1. Aggregate reserve for life, annuity and accident and health contracts (Included in Exhibit 3):		
1.1 Life insurance		
1.2 Annuities	2,814,475,648	6.0
1.3 Supplementary contracts with life contingencies		
1.4 Accident and health		
1.5 Miscellaneous reserves		
1.6 Total	2,814,475,648	6.0
2. Liability for deposit-type contracts (included in Exhibit 4):		
2.1 Guaranteed interest contracts		
2.2 Annuities certain		
2.3 Supplemental contracts		
2.4 Dividend accumulations or refunds		
2.5 Premium and other deposit funds	7,890,427	0.0
2.6 Total	7,890,427	0.0
3. Other liabilities (included in Page 3, Lines 4, 10, 13 & 14)	(4,052,929)	0.0
4. Total liabilities associated with guarantees (Lines 1.6 + 2.6 + 3)	2,818,313,146	6.0
5. Total liabilities not associated with guarantees	44,043,819,687	94.0
6. Total Separate Accounts liabilities (Lines 4 + 5 = Page 3, Line 17)	46,862,132,833	100.0 %

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

GENERAL INTERROGATORIES

Product Mix

1.01 Identify the product types in the separate account, quantify the assets associated with those products, indicate if there are any guarantees associated with those products, quantify seed money and quantify other fees and expenses due to the general account. For the products (and related assets) that are not registered with the SEC, identify whether the products are considered private placement variable annuity products or private placement life insurance.

Note: A distinct disaggregated product identifier shall be used for each product and shall be used consistently throughout the interrogatory. Disaggregation of reporting shall be such that each product filing or policy form is separately identified. For example, if a company has 5 different separate group annuities, each annuity shall be separately reported. (Companies may eliminate proprietary information however such elimination will require the use of unique reporting identifiers).

Additional Required Surplus Amounts is defined as additional or permanent surplus that is required to be retained in the separate account in accordance with state law or regulation. These amounts should not include reinvested separate account investment proceeds that have not been allocated to separate account contract holders.

1 Product Identifier	Separate Account Assets		4 Guarantees Associated with the Product Yes/No	5 Seed Money	6 Fees and Expenses Due to the General Account	7 Additional Required Surplus Amounts	Not Registered with SEC		
	2 Registered with SEC	3 Not Registered with SEC					Private Placement Variable Annuity	Private Placement Life Insurance	Other (Not PPVA or PPLI)
1.01A0001 Pension Risk Transfer Group Annuities									
1.01A9999 Total Pension Risk Transfer Group Annuities			XXX						
1.01B0001 All Other Group Annuities									
TIAA Separate Account VA-2	10,634,280,460		NO		922,462	259,935,310			
TIAA Separate Account VA-3	10,252,358,268		NO		(11,709)				
TIAA Stable Value		2,985,012,018	YES						2,985,012,018
1.01B9999 Total All Other Group Annuities	20,886,638,728	2,985,012,018	XXX		910,753	259,935,310			2,985,012,018
1.01C0001 Registered Index Linked Annuities Individual Annuities									
1.01C9999 Total Registered Index Linked Annuities Individual Annuities			XXX						
1.01D0001 All Other Individual Annuities									
TIAA Separate Account VA-1	1,208,473,917		YES						
TIAA Separate Account VA-2	14,633,701,077		NO		670,351	357,693,746			
TIAA Separate Account VA-3	7,911,015,226		NO		(15,174)				
1.01D9999 Total All Other Individual Annuities	23,753,190,220		XXX		655,177	357,693,746			
1.01E0001 Life Insurance									
1.01E9999 Total Life Insurance			XXX						
1.01F9999 Totals	44,639,828,948	2,985,012,018	XXX		1,565,930	617,629,056			2,985,012,018

- 1.02 Did the reporting entity remit seed money, other fees and expenses or additional required surplus amounts to the general account during the current year? Yes [X] No []
- 1.03 If yes, provide information on the total gross amount of seed money, other fees and expenses or additional required surplus amounts remitted to the general account during the current year (these amounts should not be reflected in the seed money totals in 1.01):
- 1.031 Seed Money.....\$
- 1.032 Other Fees and Expenses.....\$301,043,437
- 1.033 Additional Required Surplus Amounts . \$
- 1.04 Did the reporting entity receive seed money from the general account in the current year? Yes [] No [X]
- 1.05 If yes, provide information on the total gross amount of seed money received in the current year: (If amounts were both received and remitted in the current year, include the gross amounts in both 1.031 and 1.051.)
- 1.051 Seed Money Received.....\$
- 1.06 Does the reporting entity consider any of the seed money reflected in separate accounts to be insulated from the general account? Yes [] No [] N/A [X]
- 1.07 If yes, provide information on the amount of seed money the reporting entity considers insulated from the general account:
- 1.071 Insulated Seed Money \$

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

GENERAL INTERROGATORIES

- 1.08 Does the reporting entity have a policy for repatriating seed money or remitting fees and expenses due and additional required surplus amounts to the general account:
- | | | |
|--|---|---|
| | 1.081 Seed Money..... | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| | 1.082 Other Fees and Expenses..... | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| | 1.083 Additional Required Surplus Amounts ... | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

1.09 Provide detail on the time duration for which seed money, other fees and expenses due to the general account and additional required surplus amounts have been held in the separate account:

	1 Seed Money	2 Fees and Expenses Due to the General Account	3 Additional Required Surplus Amounts
1.091 Under 1 Year		1,565,930	617,629,056
1.092 1 Year - 3 Years			
1.093 Over 3 Years - 5 Years			
1.094 Over 5 Years			
1.095 Total		1,565,930	617,629,056

- 1.10 For seed money, other fees and expenses, and additional required surplus amounts held in the separate account, does the reporting entity invest these funds in accordance with investment directives of the general account:
- | | | |
|--|---|--|
| | 1.101 Seed Money..... | Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> |
| | 1.102 Other Fees and Expenses..... | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| | 1.103 Additional Required Surplus Amounts ... | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
- 1.11 If no, does the reporting entity have stated policy and procedure for the investment of seed money, other fees and expenses, and additional required surplus amounts that are retained with the separate account?
- | | | |
|--|---|--|
| | 1.111 Seed Money..... | Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> |
| | 1.112 Other Fees and Expenses..... | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| | 1.113 Additional Required Surplus Amounts ... | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |

Separate Account Products with General Account Guarantees

- 2.1 Does the reporting entity have products with guarantees provided by the general account? Yes No
- 2.2 Has the separate account collected amounts from the general account within the past five years related to separate account guarantees? Yes No
- 2.3 If yes, provide detail on these guarantees paid by the general account:

	1 Year	2 Amount
2.301	As of December 31, 2023	\$ (4,585,071)
2.302	As of December 31, 2022	\$ (1,186,007)
2.303	As of December 31, 2021	\$ 243,354
2.304	As of December 31, 2020	\$ (7,969,518)
2.305	As of December 31, 2019	\$ 266,605

- 2.4 To compensate the general account for the risk taken, for any separate account products with general account guarantees, does the separate account remit risk charges to the general account related to separate account guarantees? Yes No
- 2.5 If yes, identify the separate account products with risk charges that are remitted to the general account and whether the risk charge for that product is reviewed and opined upon:

1 Product Identifier with Risk Charges	2 Risk Charge Reviewed and Opined Upon	3 Name and Title of Individual who Provided Opinion on Risk Charges
2.5A00001 Pension Risk Transfer Group Annuities		
2.5B00001 All Other Group Annuities		
2.5C00001 Registered Index Linked Annuities Individual Annuities		
2.5D00001 All Other Individual Annuities		
2.5E00001 Life Insurance		

GENERAL INTERROGATORIES

2.6 Provide detail on the risk charges paid to the general account related to separate account guarantees for the past five years:

	1 Year	2 Amount
2.601 As of December 31, 2023		\$
2.602 As of December 31, 2022		\$
2.603 As of December 31, 2021		\$
2.604 As of December 31, 2020		\$
2.605 As of December 31, 2019		\$

Investment Directive of Separate Account Activity

- 3.1 Does the reporting entity have products classified within the separate account for which the investment directive is not determined by the contract holder? (Situations in which the investments directive mirrors the general account would not be considered determined by the contract holder; however, having the contract holder select an investment direction from multiple options would meet this criteria.) Yes [] No []
- 3.2 If yes, if these investments would have been included in the general account, would the reporting entity have exceeded the investment limitations imposed on the general account? Yes [] No [] N/A []
- 3.3 Provide detail on the separate account investment portfolio and state investment limitations. (This includes the combined separate account and general investments, excluding separate account assets with investment direction determined by the contract holder):

1 Investment Type	2 State Investment Limitation	3 Combined Investment (Separate and General Account)
Aggregate amount of investment in real property in US and home office (25% of admitted assets)	75,066,324,032	8,803,459,300
Aggregate amount of real property in US (20% of admitted assets)	60,053,059,225	8,491,411,390
Home office real estate (10 of aggregate)	30,026,529,613	312,047,910
Home office real estate (.2% o/s NY)	600,530,592	117,636,952
Equity except real estate and preferred (20% in aggregate)	60,053,059,225	29,738,786,172
Canadian (10% in aggregate)	30,026,529,613	3,500,289,671
Investments in foreign countries (20% in aggregate)	60,053,059,225	36,491,322,312
Foreign investments (6% in aggregate)	18,015,917,768	3,631,290,418
Category 3-6 Bonds (20% in aggregate)	60,053,059,225	21,967,255,546
Category 4-6 Bonds (10% in aggregate)	30,026,529,613	7,990,265,155
Category 5-6 Bonds (3% in aggregate)	9,007,958,884	1,905,994,508
Category 6 Bonds (1% in aggregate)	3,002,652,961	50,028,072
Unhedged foreign (currency) investments (4% in aggregate)	12,010,611,845	2,628,064,659

Allocation of Investment Proceeds of Separate Account Activity

- 4.1 Does the reporting entity have separate account assets in which less than 100% of investment proceeds (net of contract fees and assessments) are attributed to a contract holder? (This should identify any situations where there is a ceiling on investment performance results.) Yes [] No []
- 4.2 If yes, provide detail on the net investment proceeds that were attributed to the contract holder, transferred to the general account and reinvested within the separate account:

1 Product Identifier	2 Net Investment Proceeds	3 Attributed to Contract Holder	4 Transferred to General Account	5 Reinvested Within the Separate Account
4.2A00001 Pension Risk Transfer Group Annuities				
4.2A99999 Total Pension Risk Transfer Group Annuities				
4.2B00001 All Other Group Annuities				
TIAA Stable Value	33,207,272			33,207,272
4.2B99999 Total All Other Group Annuities	33,207,272			33,207,272
4.2C00001 Registered Index Linked Annuities Individual Annuities				
4.2C99999 Total Registered Index Linked Annuities Individual Annuities				
4.2D00001 All Other Individual Annuities				
4.2D99999 Total All Other Individual Annuities				
4.2E00001 Life Insurance				
4.2E99999 Total Life Insurance				
4.2F99999 Totals	33,207,272			33,207,272

- 4.3 For items reinvested within the Separate Account, does the reporting entity invest these assets in accordance with investment directives of the general account? Yes [] No [] N/A []
- 4.4 If no, does the reporting entity have a stated policy and procedure for the reinvestment of investment proceeds within the separate account? Yes [] No [] N/A []
- 4.5 Did the reinvestment of investment proceeds within the separate account result with the company having a combined investment portfolio that exceeded the state investment limitations imposed on the general account? Yes [] No [] N/A []

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

GENERAL INTERROGATORIES

Measurement of Separate Account Assets

5.1 Does the reporting entity report all separate account assets at fair value? Yes [] No [X]

5.2 For items not reported at fair value, does the reporting entity report separate account assets at amortized cost, and/or under different measurement methods?
 5.21 Amortized Cost Yes [X] No []
 5.22 Other Measurement Methods..... Yes [] No [X]

5.3 If other measurement methods are used, provide explanation on these measurement methods.

5.4 Identify the assets measured at fair value, amortized cost or another measurement method and the percentage of separate account assets measured under each measurement method:

Description	1 Amount	2 Percentage
5.41 Fair Value	\$ 44,639,828,947	93.7 %
5.42 Amortized Cost	\$ 2,985,012,018	6.3 %
5.43 Other Measurement Methods	\$	%

5.5 For the assets not measured at fair value, provide a comparison of the reported value to current fair value and identify the unrealized gain or loss that would have been recorded if the assets had been reported at fair value:

1 Assets Held at Amortized Cost	2 Fair Value	3 Unrecorded Unrealized Gain/Loss
5.51... \$ 2,985,012,018	\$ 2,824,579,543	\$ (160,432,475)

1 Assets Held at Other Measurement Method	2 Fair Value	3 Unrecorded Unrealized Gain/Loss
5.52... \$	\$	\$

Securities Lending Transactions Within Separate Accounts

6.1 Does the reporting entity engage in securities lending transactions with separate account assets? Yes [X] No []

6.2 If yes, does the reporting entity have written policies and procedures for such transactions? Yes [X] No [] N/A []

6.3 Does the reporting entity obtain approval, or otherwise provide notification to contract holders, regarding securities lending transactions that occur with separate account assets? Yes [] No [X] N/A []

6.4 Are all securities lending transactions reported on balance sheet? Yes [] No [X] N/A []

6.5 Provide a description of the reporting entity's securities lending transaction program, specifically identifying any variations from the securities lending transaction program administered by the general account.
 The Company's Separate Account may lend securities to qualified institutional borrowers to earn additional income. The Separate Account receives collateral (in the form of cash, Treasury securities, or other collateral permitted by applicable law) against the loaned securities and maintains collateral in an amount not less than 100% of the market value of loaned securities during the period of the loan. Cash collateral received by the Separate Account will generally be invested in high quality short-term instruments, or in one or more funds maintained by the securities lending agent for the purpose of investing cash collateral. The Separate Account bears the market risk with respect to the collateral investment, securities loaned, and the risk that the counterparty may default on its obligations. The Company's securities lending is inclusive of \$1,695,802 of non-cash collateral (primarily short-term US Treasuries), which is not reflected within assets on the Separate Account as the Separate Account does not have the ability to sell or rehypothecate those securities.

6.6 Provide detail on the current status of separate account transactions by separate account product:

6.61 Amount of any loaned securities within the separate account and the percentage of separate account assets lent
 6.611 Amount \$ 3,502,252
 6.612 Percentage..... %
 6.62 Identify whether securities lent are reported at book value or market value
 6.621 Book Value \$
 6.622 Market Value..... \$ 3,502,252

6.63 Detail on collateral received:

6.631 Aggregate Amount Collateral Received
 6.6311 Open \$ 3,749,355
 6.6312 30 Days or Less..... \$
 6.6313 31 to 60 Days..... \$
 6.6314 61 to 90 Days..... \$
 6.6315 Greater than 90 Days..... \$
 6.6316 Total Collateral Received.... \$ 3,749,355

6.632 The aggregate fair value of all securities acquired from the sale, trade or use of the accepted collateral (reinvested collateral) \$ 2,053,553

6.633 Narrative discussion about sources and uses of collateral:
 Collateral is held as cash or reinvested into a Money Market fund (TIAA-CREF Short Term Lending Portfolio of the State Street Navigator Securities Lending Trust)

6.634 Collateral for transactions that extend beyond one year from the reporting date \$

6.7 For the reporting entity's security lending program state the amount of the following as December 31 of the current year:

6.71 Total fair value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2 (Sum of Schedule DL, Parts 1 and 2, Column 5) \$ 2,053,553
 6.72 Total book/adjusted carrying value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2 (Sum of Schedule DL, Parts 1 and 2, Column 6) \$ 2,053,553
 6.73 Total payable for securities lending reported on the liability page (Page 3, Line 14, Column 3) \$ 2,053,553

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

GENERAL INTERROGATORIES

FHLB Funding Agreements

7.1 Does the reporting entity report Federal Home Loan Bank (FHLB) funding agreements within the separate account? Yes [] No [X]

7.2 Provide detail on the elements that support the classification of FHLB funding agreements within the separate account
.....

7.3 Provide detail regarding the FHLB funding agreements classified within the separate account:

1 Amount of FHLB Stock Purchased or Owned	2 Amount of Collateral Pledged to the FHLB	3 Total Borrowing or Funding Capacity Currently Available	4 Total Reserves Related to FHLB Agreements
\$	\$	\$	\$

7.4 For funding agreements within the separate account, provide a general description on the nature of the agreement, type of funding (lines of credit, borrowed money, etc) and intended use of funding.
.....

Reporting Differences Between GAAP and SAP Financial Statements (This disclosure is applicable to all reporting entities regardless if they file GAAP financial statements)

8.1 Does the reporting entity file GAAP financial statements? Yes [] No [X]

8.2 In accordance with the different separate account reporting requirements between GAAP (SOP 03-1) and statutory accounting, does the reporting entity have products that are classified within the separate account that were, or would have been if GAAP financial statements had been completed, required to be reported within the general account under GAAP financials? Pursuant to SOP 03-1, all of the following conditions must be met to receive separate account reporting classification under GAAP: Yes [X] No [] N/A []

- a. Legal Recognition - The separate account is legally recognized. That is, the separate account is established, approved, and regulated under special rules such as state insurance laws, federal securities laws, or similar foreign laws.
- b. Legally Insulated - The separate account assets supporting the contract liabilities are legally insulated from the general account liabilities of the insurance enterprise (that is, the contract holder is not subject to insurer default risk to the extent of the assets held in the separate account).
- c. Investment Directive - The insurer must, as a result of contractual, statutory, or regulatory requirements, invest the contract holder's funds within the separate account as directed by the contract holder in designated investment alternatives or in accordance with specific investment objectives or policies.
- d. Investment Performance - All investment performance, net of contract fees and assessments, must as a result of contractual, statutory, or regulatory requirements be passed through to the individual contract holder. Contracts may specify conditions under which there may be a minimum guarantee, but not a ceiling, as a ceiling would prohibit all investment performance from being passed through to the contract holder.

8.3 Identify all separate account products and identify whether each product was classified within a separate account for GAAP reporting purposes. (For non-GAAP filers, this disclosure should reflect whether the GAAP classification would have been the same if GAAP financials had been completed.) For products that were (or would have been) reported differently, identify which SOP 03-1 condition prevented separate account GAAP classification for that particular product.

1 Product Identifier	2 Same as GAAP / Condition that Requires GAAP General Account Reporting
TIAA Seperate Account VA-1	Same as GAAP
TIAA Seperate Account VA-2	Same as GAAP
TIAA Seperate Account VA-3	Same as GAAP
TIAA Stable Value	Conditions C and D

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

FORM FOR CALCULATING THE INTEREST MAINTENANCE RESERVE

INTEREST MAINTENANCE RESERVE

	1 Amount
1. Reserve as of December 31, Prior Year	617,822
2. Current year's realized pre-tax capital gains/(losses) of \$ (2,753,309) transferred into the reserve net of taxes of \$	(2,753,309)
3. Adjustment for current year's liability gains/(losses) released from the reserve	
4. Balance before reduction for amount transferred to Summary of Operations (Line 1 + Line 2 + Line 3)	(2,135,487)
5. Current year's amortization released to Summary of Operations (Amortization, Line 1, Column 4)	(112,771)
6. Reserve as of December 31, current year (Line 4 minus Line 5)	(2,022,717)

AMORTIZATION

	1	2	3	4
Year of Amortization	Reserve as of December 31, Prior Year	Current Year's Realized Capital Gains/(Losses) Transferred into the Reserve Net of Taxes	Adjustment for Current Year's Liability Gains/(Losses) Released From the Reserve	Balance Before Reduction for Current Year's Amortization (Cols. 1 + 2 + 3)
1. 2023	296,245	(409,016)		(112,771)
2. 2024	187,517	(723,634)		(536,117)
3. 2025	79,892	(561,414)		(481,522)
4. 2026	(6,188)	(428,318)		(434,506)
5. 2027	10,786	(291,812)		(281,026)
6. 2028	49,408	(148,291)		(98,883)
7. 2029	16,701	(66,870)		(50,169)
8. 2030	(6,878)	(53,278)		(60,156)
9. 2031	(14,085)	(38,600)		(52,685)
10. 2032	(6,814)	(23,921)		(30,735)
11. 2033	1,656	(8,155)		(6,499)
12. 2034	1,721			1,721
13. 2035	1,765			1,765
14. 2036	1,701			1,701
15. 2037	1,543			1,543
16. 2038	1,217			1,217
17. 2039	843			843
18. 2040	527			527
19. 2041	219			219
20. 2042	45			45
21. 2043				
22. 2044				
23. 2045				
24. 2046				
25. 2047				
26. 2048				
27. 2049				
28. 2050				
29. 2051				
30. 2052				
31. 2053 and Later				
32. Total (Lines 1 to 31)	617,822	(2,753,309)		(2,135,487)

ASSET VALUATION RESERVE
BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS
DEFAULT COMPONENT

Line Number	NAIC Designation	Description	1 Book/Adjusted Carrying Value	2 Reclassify Related Party Encumbrances	3 Add Third Party Encumbrances	4 Balance for AVR Reserve Calculations (Cols. 1 + 2 + 3)	Basic Contribution		Reserve Objective		Maximum Reserve	
							5 Factor	6 Amount (Cols.4 x 5)	7 Factor	8 Amount (Cols. 4 x 7)	9 Factor	10 Amount (Cols. 4 x 9)
LONG-TERM BONDS												
1.		Exempt Obligations	10,163,605	XXX	XXX	10,163,605	0.0000		0.0000		0.0000	
2.1	1	NAIC Designation Category 1.A	398,018,776	XXX	XXX	398,018,776	0.0002	79,604	0.0007	278,613	0.0013	517,424
2.2	1	NAIC Designation Category 1.B	41,587,618	XXX	XXX	41,587,618	0.0004	16,635	0.0011	45,746	0.0023	95,652
2.3	1	NAIC Designation Category 1.C	40,500,424	XXX	XXX	40,500,424	0.0006	24,300	0.0018	72,901	0.0035	141,751
2.4	1	NAIC Designation Category 1.D	158,185,242	XXX	XXX	158,185,242	0.0007	110,730	0.0022	348,008	0.0044	696,015
2.5	1	NAIC Designation Category 1.E	247,057,379	XXX	XXX	247,057,379	0.0009	222,352	0.0027	667,055	0.0055	1,358,816
2.6	1	NAIC Designation Category 1.F	384,303,407	XXX	XXX	384,303,407	0.0011	422,734	0.0034	1,306,632	0.0068	2,613,263
2.7	1	NAIC Designation Category 1.G	424,161,266	XXX	XXX	424,161,266	0.0014	593,826	0.0042	1,781,477	0.0085	3,605,371
2.8		Subtotal NAIC 1 (2.1+2.2+2.3+2.4+2.5+2.6+2.7)	1,693,814,112	XXX	XXX	1,693,814,112	XXX	1,470,180	XXX	4,500,432	XXX	9,028,292
3.1	2	NAIC Designation Category 2.A	507,247,706	XXX	XXX	507,247,706	0.0021	1,065,220	0.0063	3,195,661	0.0105	5,326,101
3.2	2	NAIC Designation Category 2.B	512,442,107	XXX	XXX	512,442,107	0.0025	1,281,105	0.0076	3,894,560	0.0127	6,508,015
3.3	2	NAIC Designation Category 2.C	97,648,119	XXX	XXX	97,648,119	0.0036	351,533	0.0108	1,054,600	0.0180	1,757,666
3.4		Subtotal NAIC 2 (3.1+3.2+3.3)	1,117,337,932	XXX	XXX	1,117,337,932	XXX	2,697,859	XXX	8,144,820	XXX	13,591,782
4.1	3	NAIC Designation Category 3.A	22,361,897	XXX	XXX	22,361,897	0.0069	154,297	0.0183	409,223	0.0262	585,882
4.2	3	NAIC Designation Category 3.B	5,199,056	XXX	XXX	5,199,056	0.0099	51,471	0.0264	137,255	0.0377	196,004
4.3	3	NAIC Designation Category 3.C	14,050,025	XXX	XXX	14,050,025	0.0131	184,055	0.0350	491,751	0.0500	702,501
4.4		Subtotal NAIC 3 (4.1+4.2+4.3)	41,610,978	XXX	XXX	41,610,978	XXX	389,823	XXX	1,038,229	XXX	1,484,387
5.1	4	NAIC Designation Category 4.A		XXX	XXX		0.0184		0.0430		0.0615	
5.2	4	NAIC Designation Category 4.B	2,101,832	XXX	XXX	2,101,832	0.0238	50,024	0.0555	116,652	0.0793	166,675
5.3	4	NAIC Designation Category 4.C		XXX	XXX		0.0310		0.0724		0.1034	
5.4		Subtotal NAIC 4 (5.1+5.2+5.3)	2,101,832	XXX	XXX	2,101,832	XXX	50,024	XXX	116,652	XXX	166,675
6.1	5	NAIC Designation Category 5.A		XXX	XXX		0.0472		0.0846		0.1410	
6.2	5	NAIC Designation Category 5.B		XXX	XXX		0.0663		0.1188		0.1980	
6.3	5	NAIC Designation Category 5.C		XXX	XXX		0.0836		0.1498		0.2496	
6.4		Subtotal NAIC 5 (6.1+6.2+6.3)		XXX	XXX		XXX		XXX		XXX	
7.	6	NAIC 6		XXX	XXX		0.0000		0.2370		0.2370	
8.		Total Unrated Multi-class Securities Acquired by Conversion		XXX	XXX		XXX		XXX		XXX	
9.		Total Long-Term Bonds (1+2.8+3.4+4.4+5.4+6.4+7+8)	2,865,028,459	XXX	XXX	2,865,028,459	XXX	4,607,885	XXX	13,800,132	XXX	24,271,136
PREFERRED STOCKS												
10.	1	Highest Quality		XXX	XXX		0.0005		0.0016		0.0033	
11.	2	High Quality		XXX	XXX		0.0021		0.0064		0.0106	
12.	3	Medium Quality		XXX	XXX		0.0099		0.0263		0.0376	
13.	4	Low Quality		XXX	XXX		0.0245		0.0572		0.0817	
14.	5	Lower Quality		XXX	XXX		0.0630		0.1128		0.1880	
15.	6	In or Near Default		XXX	XXX		0.0000		0.2370		0.2370	
16.		Affiliated Life with AVR		XXX	XXX		0.0000		0.0000		0.0000	
17.		Total Preferred Stocks (Sum of Lines 10 through 16)		XXX	XXX		XXX		XXX		XXX	

ASSET VALUATION RESERVE (Continued)
BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS
DEFAULT COMPONENT

Line Number	NAIC Designation	Description	1 Book/Adjusted Carrying Value	2 Reclassify Related Party Encumbrances	3 Add Third Party Encumbrances	4 Balance for AVR Reserve Calculations (Cols. 1 + 2 + 3)	Basic Contribution		Reserve Objective		Maximum Reserve	
							5 Factor	6 Amount (Cols. 4 x 5)	7 Factor	8 Amount (Cols. 4 x 7)	9 Factor	10 Amount (Cols. 4 x 9)
SHORT-TERM BONDS												
18.		Exempt Obligations		XXX	XXX		0.0000		0.0000		0.0000	
19.1	1	NAIC Designation Category 1.A		XXX	XXX		0.0002		0.0007		0.0013	
19.2	1	NAIC Designation Category 1.B		XXX	XXX		0.0004		0.0011		0.0023	
19.3	1	NAIC Designation Category 1.C		XXX	XXX		0.0006		0.0018		0.0035	
19.4	1	NAIC Designation Category 1.D		XXX	XXX		0.0007		0.0022		0.0044	
19.5	1	NAIC Designation Category 1.E		XXX	XXX		0.0009		0.0027		0.0055	
19.6	1	NAIC Designation Category 1.F		XXX	XXX		0.0011		0.0034		0.0068	
19.7	1	NAIC Designation Category 1.G		XXX	XXX		0.0014		0.0042		0.0085	
19.8		Subtotal NAIC 1 (19.1+19.2+19.3+19.4+19.5+19.6+19.7)		XXX	XXX		XXX		XXX		XXX	
20.1	2	NAIC Designation Category 2.A		XXX	XXX		0.0021		0.0063		0.0105	
20.2	2	NAIC Designation Category 2.B		XXX	XXX		0.0025		0.0076		0.0127	
20.3	2	NAIC Designation Category 2.C		XXX	XXX		0.0036		0.0108		0.0180	
20.4		Subtotal NAIC 2 (20.1+20.2+20.3)		XXX	XXX		XXX		XXX		XXX	
21.1	3	NAIC Designation Category 3.A		XXX	XXX		0.0069		0.0183		0.0262	
21.2	3	NAIC Designation Category 3.B		XXX	XXX		0.0099		0.0264		0.0377	
21.3	3	NAIC Designation Category 3.C		XXX	XXX		0.0131		0.0350		0.0500	
21.4		Subtotal NAIC 3 (21.1+21.2+21.3)		XXX	XXX		XXX		XXX		XXX	
22.1	4	NAIC Designation Category 4.A		XXX	XXX		0.0184		0.0430		0.0615	
22.2	4	NAIC Designation Category 4.B		XXX	XXX		0.0238		0.0555		0.0793	
22.3	4	NAIC Designation Category 4.C		XXX	XXX		0.0310		0.0724		0.1034	
22.4		Subtotal NAIC 4 (22.1+22.2+22.3)		XXX	XXX		XXX		XXX		XXX	
23.1	5	NAIC Designation Category 5.A		XXX	XXX		0.0472		0.0846		0.1410	
23.2	5	NAIC Designation Category 5.B		XXX	XXX		0.0663		0.1188		0.1980	
23.3	5	NAIC Designation Category 5.C		XXX	XXX		0.0836		0.1498		0.2496	
23.4		Subtotal NAIC 5 (23.1+23.2+23.3)		XXX	XXX		XXX		XXX		XXX	
24.	6	NAIC 6		XXX	XXX		0.0000		0.2370		0.2370	
25.		Total Short-Term Bonds (18+19.8+20.4+21.4+22.4+23.4+24)		XXX	XXX		XXX		XXX		XXX	
DERIVATIVE INSTRUMENTS												
26.		Exchange Traded		XXX	XXX		0.0005		0.0016		0.0033	
27.	1	Highest Quality		XXX	XXX		0.0005		0.0016		0.0033	
28.	2	High Quality		XXX	XXX		0.0021		0.0064		0.0106	
29.	3	Medium Quality		XXX	XXX		0.0099		0.0263		0.0376	
30.	4	Low Quality		XXX	XXX		0.0245		0.0572		0.0817	
31.	5	Lower Quality		XXX	XXX		0.0630		0.1128		0.1880	
32.	6	In or Near Default		XXX	XXX		0.0000		0.2370		0.2370	
33.		Total Derivative Instruments		XXX	XXX		XXX		XXX		XXX	
34.		Total (Lines 9 + 17 + 25 + 33)	2,865,028,459	XXX	XXX	2,865,028,459	XXX	4,607,885	XXX	13,800,132	XXX	24,271,136

ASSET VALUATION RESERVE (Continued)
BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS
DEFAULT COMPONENT

Line Number	NAIC Designation	Description	1 Book/Adjusted Carrying Value	2 Reclassify Related Party Encumbrances	3 Add Third Party Encumbrances	4 Balance for AVR Reserve Calculations (Cols. 1 + 2 + 3)	Basic Contribution		Reserve Objective		Maximum Reserve	
							5 Factor	6 Amount (Cols. 4 x 5)	7 Factor	8 Amount (Cols. 4 x 7)	9 Factor	10 Amount (Cols. 4 x 9)
		MORTGAGE LOANS										
		In Good Standing:										
35.		Farm Mortgages - CM1 - Highest Quality			XXX		0.0011		0.0057		0.0074	
36.		Farm Mortgages - CM2 - High Quality			XXX		0.0040		0.0114		0.0149	
37.		Farm Mortgages - CM3 - Medium Quality			XXX		0.0069		0.0200		0.0257	
38.		Farm Mortgages - CM4 - Low Medium Quality			XXX		0.0120		0.0343		0.0428	
39.		Farm Mortgages - CM5 - Low Quality			XXX		0.0183		0.0486		0.0628	
40.		Residential Mortgages - Insured or Guaranteed			XXX		0.0003		0.0007		0.0011	
41.		Residential Mortgages - All Other			XXX		0.0015		0.0034		0.0046	
42.		Commercial Mortgages - Insured or Guaranteed			XXX		0.0003		0.0007		0.0011	
43.		Commercial Mortgages - All Other - CM1 - Highest Quality			XXX		0.0011		0.0057		0.0074	
44.		Commercial Mortgages - All Other - CM2 - High Quality			XXX		0.0040		0.0114		0.0149	
45.		Commercial Mortgages - All Other - CM3 - Medium Quality			XXX		0.0069		0.0200		0.0257	
46.		Commercial Mortgages - All Other - CM4 - Low Medium Quality			XXX		0.0120		0.0343		0.0428	
47.		Commercial Mortgages - All Other - CM5 - Low Quality			XXX		0.0183		0.0486		0.0628	
		Overdue, Not in Process:										
48.		Farm Mortgages			XXX		0.0480		0.0868		0.1371	
49.		Residential Mortgages - Insured or Guaranteed			XXX		0.0006		0.0014		0.0023	
50.		Residential Mortgages - All Other			XXX		0.0029		0.0066		0.0103	
51.		Commercial Mortgages - Insured or Guaranteed			XXX		0.0006		0.0014		0.0023	
52.		Commercial Mortgages - All Other			XXX		0.0480		0.0868		0.1371	
		In Process of Foreclosure:										
53.		Farm Mortgages			XXX		0.0000		0.1942		0.1942	
54.		Residential Mortgages - Insured or Guaranteed			XXX		0.0000		0.0046		0.0046	
55.		Residential Mortgages - All Other			XXX		0.0000		0.0149		0.0149	
56.		Commercial Mortgages - Insured or Guaranteed			XXX		0.0000		0.0046		0.0046	
57.		Commercial Mortgages - All Other			XXX		0.0000		0.1942		0.1942	
58.		Total Schedule B Mortgages (Sum of Lines 35 through 57)			XXX		XXX		XXX		XXX	
59.		Schedule DA Mortgages			XXX		0.0034		0.0114		0.0149	
60.		Total Mortgage Loans on Real Estate (Lines 58 + 59)			XXX		XXX		XXX		XXX	

ASSET VALUATION RESERVE
BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS
EQUITY AND OTHER INVESTED ASSET COMPONENT

Line Number	NAIC Designation	Description	1 Book/Adjusted Carrying Value	2 Reclassify Related Party Encumbrances	3 Add Third Party Encumbrances	4 Balance for AVR Reserve Calculations (Cols. 1 + 2 + 3)	Basic Contribution		Reserve Objective		Maximum Reserve	
							5 Factor	6 Amount (Cols. 4 x 5)	7 Factor	8 Amount (Cols. 4 x 7)	9 Factor	10 Amount (Cols. 4 x 9)
COMMON STOCK												
1.		Unaffiliated - Public		XXX	XXX		0.0000		0.1580 (a)		0.1580 (a)	
2.		Unaffiliated - Private		XXX	XXX		0.0000		0.1945		0.1945	
3.		Federal Home Loan Bank		XXX	XXX		0.0000		0.0061		0.0097	
4.		Affiliated - Life with AVR		XXX	XXX		0.0000		0.0000		0.0000	
Affiliated - Investment Subsidiary:												
5.		Fixed Income - Exempt Obligations		XXX			XXX		XXX		XXX	
6.		Fixed Income - Highest Quality		XXX			XXX		XXX		XXX	
7.		Fixed Income - High Quality		XXX			XXX		XXX		XXX	
8.		Fixed Income - Medium Quality		XXX			XXX		XXX		XXX	
9.		Fixed Income - Low Quality		XXX			XXX		XXX		XXX	
10.		Fixed Income - Lower Quality		XXX			XXX		XXX		XXX	
11.		Fixed Income - In/Near Default		XXX			XXX		XXX		XXX	
12.		Unaffiliated Common Stock - Public					0.0000		0.1580 (a)		0.1580 (a)	
13.		Unaffiliated Common Stock - Private					0.0000		0.1945		0.1945	
14.		Real Estate					(b)		(b)		(b)	
15.		Affiliated - Certain Other (See SVO Purposes and Procedures Manual)		XXX	XXX		0.0000		0.1580		0.1580	
16.		Affiliated - All Other		XXX	XXX		0.0000		0.1945		0.1945	
17.		Total Common Stock (Sum of Lines 1 through 16)					XXX		XXX		XXX	
REAL ESTATE												
18.		Home Office Property (General Account only)					0.0000		0.0912		0.0912	
19.		Investment Properties					0.0000		0.0912		0.0912	
20.		Properties Acquired in Satisfaction of Debt					0.0000		0.1337		0.1337	
21.		Total Real Estate (Sum of Lines 18 through 20)					XXX		XXX		XXX	
OTHER INVESTED ASSETS												
INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF BONDS												
22.		Exempt Obligations		XXX	XXX		0.0000		0.0000		0.0000	
23.	1	Highest Quality		XXX	XXX		0.0005		0.0016		0.0033	
24.	2	High Quality		XXX	XXX		0.0021		0.0064		0.0106	
25.	3	Medium Quality		XXX	XXX		0.0099		0.0263		0.0376	
26.	4	Low Quality		XXX	XXX		0.0245		0.0572		0.0817	
27.	5	Lower Quality		XXX	XXX		0.0630		0.1128		0.1880	
28.	6	In or Near Default		XXX	XXX		0.0000		0.2370		0.2370	
29.		Total with Bond Characteristics (Sum of Lines 22 through 28)		XXX	XXX		XXX		XXX		XXX	

ASSET VALUATION RESERVE (Continued)
BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS
EQUITY AND OTHER INVESTED ASSET COMPONENT

Line Number	NAIC Designation	Description	1 Book/Adjusted Carrying Value	2 Reclassify Related Party Encumbrances	3 Add Third Party Encumbrances	4 Balance for AVR Reserve Calculations (Cols. 1 + 2 + 3)	Basic Contribution		Reserve Objective		Maximum Reserve	
							5 Factor	6 Amount (Cols. 4 x 5)	7 Factor	8 Amount (Cols. 4 x 7)	9 Factor	10 Amount (Cols. 4 x 9)
INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF PREFERRED STOCKS												
30.	1	Highest Quality		XXX	XXX		0.0005		0.0016		0.0033	
31.	2	High Quality		XXX	XXX		0.0021		0.0064		0.0106	
32.	3	Medium Quality		XXX	XXX		0.0099		0.0263		0.0376	
33.	4	Low Quality		XXX	XXX		0.0245		0.0572		0.0817	
34.	5	Lower Quality.....		XXX	XXX		0.0630		0.1128		0.1880	
35.	6	In or Near Default		XXX	XXX		0.0000		0.2370		0.2370	
36.		Affiliated Life with AVR		XXX	XXX		0.0000		0.0000		0.0000	
37.		Total with Preferred Stock Characteristics (Sum of Lines 30 through 36)		XXX	XXX		XXX		XXX		XXX	
INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF MORTGAGE LOANS												
In Good Standing Affiliated:												
38.		Mortgages - CM1 - Highest Quality			XXX		0.0011		0.0057		0.0074	
39.		Mortgages - CM2 - High Quality			XXX		0.0040		0.0114		0.0149	
40.		Mortgages - CM3 - Medium Quality			XXX		0.0069		0.0200		0.0257	
41.		Mortgages - CM4 - Low Medium Quality			XXX		0.0120		0.0343		0.0428	
42.		Mortgages - CM5 - Low Quality			XXX		0.0183		0.0486		0.0628	
43.		Residential Mortgages - Insured or Guaranteed			XXX		0.0003		0.0007		0.0011	
44.		Residential Mortgages - All Other		XXX	XXX		0.0015		0.0034		0.0046	
45.		Commercial Mortgages - Insured or Guaranteed			XXX		0.0003		0.0007		0.0011	
Overdue, Not in Process Affiliated:												
46.		Farm Mortgages			XXX		0.0480		0.0868		0.1371	
47.		Residential Mortgages - Insured or Guaranteed			XXX		0.0006		0.0014		0.0023	
48.		Residential Mortgages - All Other			XXX		0.0029		0.0066		0.0103	
49.		Commercial Mortgages - Insured or Guaranteed			XXX		0.0006		0.0014		0.0023	
50.		Commercial Mortgages - All Other			XXX		0.0480		0.0868		0.1371	
In Process of Foreclosure Affiliated:												
51.		Farm Mortgages			XXX		0.0000		0.1942		0.1942	
52.		Residential Mortgages - Insured or Guaranteed			XXX		0.0000		0.0046		0.0046	
53.		Residential Mortgages - All Other			XXX		0.0000		0.0149		0.0149	
54.		Commercial Mortgages - Insured or Guaranteed			XXX		0.0000		0.0046		0.0046	
55.		Commercial Mortgages - All Other			XXX		0.0000		0.1942		0.1942	
56.		Total Affiliated (Sum of Lines 38 through 55)			XXX		XXX		XXX		XXX	
57.		Unaffiliated - In Good Standing With Covenants			XXX		(c)		(c)		(c)	
58.		Unaffiliated - In Good Standing Defeased With Government Securities			XXX		0.0011		0.0057		0.0074	
59.		Unaffiliated - In Good Standing Primarily Senior			XXX		0.0040		0.0114		0.0149	
60.		Unaffiliated - In Good Standing All Other			XXX		0.0069		0.0200		0.0257	
61.		Unaffiliated - Overdue, Not in Process			XXX		0.0480		0.0868		0.1371	
62.		Unaffiliated - In Process of Foreclosure			XXX		0.0000		0.1942		0.1942	
63.		Total Unaffiliated (Sum of Lines 57 through 62)			XXX		XXX		XXX		XXX	
64.		Total with Mortgage Loan Characteristics (Lines 56 + 63)			XXX		XXX		XXX		XXX	

ASSET VALUATION RESERVE (Continued)
BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS
EQUITY AND OTHER INVESTED ASSET COMPONENT

Line Number	NAIC Designation	Description	1 Book/Adjusted Carrying Value	2 Reclassify Related Party Encumbrances	3 Add Third Party Encumbrances	4 Balance for AVR Reserve Calculations (Cols. 1 + 2 + 3)	Basic Contribution		Reserve Objective		Maximum Reserve	
							5 Factor	6 Amount (Cols.4 x 5)	7 Factor	8 Amount (Cols. 4 x 7)	9 Factor	10 Amount (Cols. 4 x 9)
INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF COMMON STOCK												
65.		Unaffiliated Public		XXX	XXX		0.0000		0.1580 (a)		0.1580 (a)	
66.		Unaffiliated Private		XXX	XXX		0.0000		0.1945		0.1945	
67.		Affiliated Life with AVR		XXX	XXX		0.0000		0.0000		0.0000	
68.		Affiliated Certain Other (See SVO Purposes & Procedures Manual)		XXX	XXX		0.0000		0.1580		0.1580	
69.		Affiliated Other - All Other		XXX	XXX		0.0000		0.1945		0.1945	
70.		Total with Common Stock Characteristics (Sum of Lines 65 through 69)		XXX	XXX		XXX		XXX		XXX	
INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF REAL ESTATE												
71.		Home Office Property (General Account only)					0.0000		0.0912		0.0912	
72.		Investment Properties					0.0000		0.0912		0.0912	
73.		Properties Acquired in Satisfaction of Debt					0.0000		0.1337		0.1337	
74.		Total with Real Estate Characteristics (Sum of Lines 71 through 73)					XXX		XXX		XXX	
LOW INCOME HOUSING TAX CREDIT INVESTMENTS												
75.		Guaranteed Federal Low Income Housing Tax Credit					0.0003		0.0006		0.0010	
76.		Non-guaranteed Federal Low Income Housing Tax Credit					0.0063		0.0120		0.0190	
77.		Guaranteed State Low Income Housing Tax Credit					0.0003		0.0006		0.0010	
78.		Non-guaranteed State Low Income Housing Tax Credit					0.0063		0.0120		0.0190	
79.		All Other Low Income Housing Tax Credit					0.0273		0.0600		0.0975	
80.		Total LIHTC (Sum of Lines 75 through 79)					XXX		XXX		XXX	
RESIDUAL TRanches OR INTERESTS												
81.		Fixed Income Instruments - Unaffiliated		XXX	XXX		0.0000		0.1580		0.1580	
82.		Fixed Income Instruments - Affiliated		XXX	XXX		0.0000		0.1580		0.1580	
83.		Common Stock - Unaffiliated		XXX	XXX		0.0000		0.1580		0.1580	
84.		Common Stock - Affiliated		XXX	XXX		0.0000		0.1580		0.1580	
85.		Preferred Stock - Unaffiliated		XXX	XXX		0.0000		0.1580		0.1580	
86.		Preferred Stock - Affiliated		XXX	XXX		0.0000		0.1580		0.1580	
87.		Real Estate - Unaffiliated					0.0000		0.1580		0.1580	
88.		Real Estate - Affiliated					0.0000		0.1580		0.1580	
89.		Mortgage Loans - Unaffiliated		XXX	XXX		0.0000		0.1580		0.1580	
90.		Mortgage Loans - Affiliated		XXX	XXX		0.0000		0.1580		0.1580	
91.		Other - Unaffiliated		XXX	XXX		0.0000		0.1580		0.1580	
92.		Other - Affiliated		XXX	XXX		0.0000		0.1580		0.1580	
93.		Total Residual Tranches or Interests (Sum of Lines 81 through 92)					XXX		XXX		XXX	
ALL OTHER INVESTMENTS												
94.		NAIC 1 Working Capital Finance Investments		XXX			0.0000		0.0042		0.0042	
95.		NAIC 2 Working Capital Finance Investments		XXX			0.0000		0.0137		0.0137	
96.		Other Invested Assets - Schedule BA		XXX			0.0000		0.1580		0.1580	
97.		Other Short-Term Invested Assets - Schedule DA		XXX			0.0000		0.1580		0.1580	
98.		Total All Other (Sum of Lines 94, 95, 96 and 97)		XXX			XXX		XXX		XXX	
99.		Total Other Invested Assets - Schedules BA & DA (Sum of Lines 29, 37, 64, 70, 74, 80, 93 and 98)					XXX		XXX		XXX	

(a) Times the company's weighted average portfolio beta (Minimum .1215, Maximum .2431).
 (b) Determined using the same factors and breakdowns used for directly owned real estate.
 (c) This will be the factor associated with the risk category determined in the company generated worksheet.

ASSET VALUATION RESERVE

BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS REPLICATIONS (SYNTHETIC) ASSETS

1 RSAT Number	2 Type	3 CUSIP	4 Description of Asset(s)	5 NAIC Designation or Other Description of Asset	6 Value of Asset	7 AVR Basic Contribution	8 AVR Reserve Objective	9 AVR Maximum Reserve
NONE								
0599999 - Total								

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

OVERFLOW PAGE FOR WRITE-INS

Additional Write-ins for Assets Line 15

	Current Year			Prior Year
	1 General Account Basis	2 Fair Value Basis	3 Total (Cols. 1 + 2)	4 Total
1504. Investment receivables derivatives				33,134,803
1505. Unrealized gains on senior notes				46,893,000
1597. Summary of remaining write-ins for Line 15 from overflow page				80,027,803

Additional Write-ins for Liabilities Line 16

	Current Year			Prior Year
	1 General Account Basis	2 Fair Value Basis	3 Total (Cols. 1 + 2)	4 Total
1604. Miscellaneous liabilities		27,611,138	27,611,138	14,985,648
1697. Summary of remaining write-ins for Line 16 from overflow page		27,611,138	27,611,138	14,985,648

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE A - VERIFICATION BETWEEN YEARS

Real Estate

1.	Book/adjusted carrying value, December 31 of prior year	15,607,014,114
2.	Cost of acquired:	
2.1	Actual cost at time of acquisition (Part 2, Column 6)	27,500,000
2.2	Additional investment made after acquisition (Part 2, Column 9)	267,588,593
		295,088,593
3.	Current year change in encumbrances:	
3.1	Totals, Part 1, Column 13	176,274,640
3.2	Totals, Part 3, Column 11	176,274,640
4.	Total gain (loss) on disposals, Part 3, Column 18	30,332,215
5.	Deduct amounts received on disposals, Part 3, Column 15	
6.	Total foreign exchange change in book/adjusted carrying value:	
6.1	Totals, Part 1, Column 15	
6.2	Totals, Part 3, Column 13	
7.	Deduct current year's other than temporary impairment recognized:	
7.1	Totals, Part 1, Column 12	
7.2	Totals, Part 3, Column 10	
8.	Deduct current year's depreciation:	
8.1	Totals, Part 1, Column 11	2,432,965,870
8.2	Totals, Part 3, Column 9	2,432,965,870
9.	Book/adjusted carrying value at the end of current period (Lines 1+2+3+4-5+6-7-8)	13,675,743,693
10.	Deduct total nonadmitted amounts	
11.	Statement value at end of current period (Line 9 minus Line 10)	13,675,743,693

SCHEDULE B - VERIFICATION BETWEEN YEARS

Mortgage Loans

1.	Book value/recorded investment excluding accrued interest, December 31 of prior year	1,488,094,376
2.	Cost of acquired:	
2.1	Actual cost at time of acquisition (Part 2, Column 7)	27,750,000
2.2	Additional investment made after acquisition (Part 2, Column 8)	22,717,617
		50,467,617
3.	Capitalized deferred interest and other:	
3.1	Totals, Part 1, Column 12	
3.2	Totals, Part 3, Column 11	
4.	Accrual of discount	
5.	Unrealized valuation increase/(decrease):	
5.1	Totals, Part 1, Column 9	(274,664,196)
5.2	Totals, Part 3, Column 8	(274,664,196)
6.	Total gain (loss) on disposals, Part 3, Column 18	(69,993,803)
7.	Deduct amounts received on disposals, Part 3, Column 15	15,039,572
8.	Deduct amortization of premium and mortgage interest points and commitment fees	
9.	Total foreign exchange change in book value/recorded investment excluding accrued interest:	
9.1	Totals, Part 1, Column 13	
9.2	Totals, Part 3, Column 13	
10.	Deduct current year's other than temporary impairment recognized:	
10.1	Totals, Part 1, Column 11	
10.2	Totals, Part 3, Column 10	
11.	Book value/recorded investment excluding accrued interest at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)	1,178,864,422
12.	Total valuation allowance	
13.	Subtotal (Line 11 plus 12)	1,178,864,422
14.	Deduct total nonadmitted amounts	
15.	Statement value of mortgages owned at end of current period (Line 13 minus Line 14)	1,178,864,422

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE BA - VERIFICATION BETWEEN YEARS

Other Long-Term Invested Assets

1. Book/adjusted carrying value, December 31 of prior year	11,263,714,575
2. Cost of acquired:	
2.1 Actual cost at time of acquisition (Part 2, Column 8)	
2.2 Additional investment made after acquisition (Part 2, Column 9)	257,863,085
3. Capitalized deferred interest and other:	
3.1 Totals, Part 1, Column 16	
3.2 Totals, Part 3, Column 12	
4. Accrual of discount	
5. Unrealized valuation increase/(decrease):	
5.1 Totals, Part 1, Column 13	(1,469,500,035)
5.2 Totals, Part 3, Column 9	(1,469,500,035)
6. Total gain (loss) on disposals, Part 3, Column 19	(258,974,423)
7. Deduct amounts received on disposals, Part 3, Column 16	81,534,271
8. Deduct amortization of premium and depreciation	
9. Total foreign exchange change in book/adjusted carrying value:	
9.1 Totals, Part 1, Column 17	
9.2 Totals, Part 3, Column 14	
10. Deduct current year's other than temporary impairment recognized:	
10.1 Totals, Part 1, Column 15	
10.2 Totals, Part 3, Column 11	
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)	9,711,568,931
12. Deduct total nonadmitted amounts	
13. Statement value at end of current period (Line 11 minus Line 12)	9,711,568,931

SCHEDULE D - VERIFICATION BETWEEN YEARS

Bonds and Stocks

1. Book/adjusted carrying value, December 31 of prior year	20,386,734,209
2. Cost of bonds and stocks acquired, Part 3, Column 7	2,426,289,024
3. Accrual of discount	5,271,999
4. Unrealized valuation increase/(decrease):	
4.1. Part 1, Column 12	
4.2. Part 2, Section 1, Column 15	
4.3. Part 2, Section 2, Column 13	2,315,891,554
4.4. Part 4, Column 11	(37,789,853)
5. Total gain (loss) on disposals, Part 4, Column 19	120,546,270
6. Deduction consideration for bonds and stocks disposed of, Part 4, Column 7	3,036,198,290
7. Deduct amortization of premium	2,000,936
8. Total foreign exchange change in book/adjusted carrying value:	
8.1. Part 1, Column 15	
8.2. Part 2, Section 1, Column 19	
8.3. Part 2, Section 2, Column 16	
8.4. Part 4, Column 15	
9. Deduct current year's other than temporary impairment recognized:	
9.1. Part 1, Column 14	
9.2. Part 2, Section 1, Column 17	
9.3. Part 2, Section 2, Column 14	
9.4. Part 4, Column 13	
10. Total investment income recognized as a result of prepayment penalties and/or acceleration fees, Note 5Q, Line 2	23,120
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10)	22,178,767,097
12. Deduct total nonadmitted amounts	
13. Statement value at end of current period (Line 11 minus Line 12)	22,178,767,097

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - SUMMARY BY COUNTRY

Long-Term Bonds and Stocks OWNED December 31 of Current Year

Description		1 Book/Adjusted Carrying Value	2 Fair Value	3 Actual Cost	4 Par Value of Bonds
BONDS					
Governments (Including all obligations guaranteed by governments)	1. United States	10,163,603	10,234,702	10,206,258	9,914,604
	2. Canada	18,336,803	17,460,480	18,233,819	18,814,999
	3. Other Countries	12,763,879	12,214,068	12,731,484	12,775,000
	4. Totals	41,264,285	39,909,250	41,171,561	41,504,603
U.S. States, Territories and Possessions (Direct and guaranteed)	5. Totals	8,615,000	8,676,532	8,615,000	8,615,000
U.S. Political Subdivisions of States, Territories and Possessions (Direct and guaranteed)	6. Totals	6,130,000	5,929,385	6,130,000	6,130,000
U.S. Special Revenue and Special Assessment Obligations and all Non-Guaranteed Obligations of Agencies and Authorities of Governments and their Political Subdivisions	7. Totals	98,354,943	84,702,347	98,608,577	96,509,821
Industrial and Miscellaneous, SVO Identified Funds, Unaffiliated Bank Loans, Unaffiliated Certificates of Deposit and Hybrid Securities (unaffiliated)	8. United States	2,340,439,451	2,212,781,558	2,336,637,878	2,363,246,906
	9. Canada	77,876,708	74,188,152	77,358,610	79,816,264
	10. Other Countries	292,348,073	278,434,072	291,456,546	295,045,000
	11. Totals	2,710,664,232	2,565,403,782	2,705,453,034	2,738,108,170
Parent, Subsidiaries and Affiliates	12. Totals				
	13. Total Bonds	2,865,028,460	2,704,621,296	2,859,978,172	2,890,867,594
PREFERRED STOCKS					
Industrial and Miscellaneous (unaffiliated)	14. United States				
	15. Canada				
	16. Other Countries				
	17. Totals				
Parent, Subsidiaries and Affiliates	18. Totals				
	19. Total Preferred Stocks				
COMMON STOCKS					
Industrial and Miscellaneous (unaffiliated), Mutual Funds, Unit Investment Trusts, Closed-End Funds and Exchange Traded Funds	20. United States	18,164,199,448	18,164,199,448	17,216,613,191	
	21. Canada	38,504,743	38,504,743	23,382,183	
	22. Other Countries	1,158,026,872	1,158,026,872	345,970,065	
	23. Totals	19,360,731,063	19,360,731,063	17,585,965,439	
Parent, Subsidiaries and Affiliates	24. Totals				
	25. Total Common Stocks	19,360,731,063	19,360,731,063	17,585,965,439	
	26. Total Stocks	19,360,731,063	19,360,731,063	17,585,965,439	
	27. Total Bonds and Stocks	22,225,759,523	22,065,352,359	20,445,943,611	

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE DA - VERIFICATION BETWEEN YEARS

Short-Term Investments

	1	2	3	4	5
	Total	Bonds	Mortgage Loans	Other Short-term Investment Assets (a)	Investments in Parent, Subsidiaries and Affiliates
1. Book/adjusted carrying value, December 31 of prior year	241,998,222	241,998,222			
2. Cost of short-term investments acquired	136,041,201	136,041,201			
3. Accrual of discount	4,090,128	4,090,128			
4. Unrealized valuation increase/(decrease)	1,040	1,040			
5. Total gain (loss) on disposals	(442,050)	(442,050)			
6. Deduct consideration received on disposals	343,690,541	343,690,541			
7. Deduct amortization of premium					
8. Total foreign exchange change in book/adjusted carrying value					
9. Deduct current year's other than temporary impairment recognized					
10. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9)	37,998,000	37,998,000			
11. Deduct total nonadmitted amounts					
12. Statement value at end of current period (Line 10 minus Line 11)	37,998,000	37,998,000			

(a) Indicate the category of such assets, for example, joint ventures, transportation equipment:

Schedule DB - Part A - Verification - Options, Caps, Floors, Collars, Swaps and Forwards

N O N E

Schedule DB - Part B - Verification - Futures Contracts

N O N E

Schedule DB - Part C - Section 1 - Replication (Synthetic Asset) Transactions (RSATs) Open

N O N E

Schedule DB-Part C-Section 2-Reconciliation of Replication (Synthetic Asset) Transactions Open

N O N E

Schedule DB - Verification - Book/Adjusted Carrying Value, Fair Value and Potential Exposure of
Derivatives

N O N E

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE E - PART 2 - VERIFICATION BETWEEN YEARS

(Cash Equivalents)

	1 Total	2 Bonds	3 Money Market Mutual funds	4 Other (a)
1. Book/adjusted carrying value, December 31 of prior year	756,029,066	756,029,066		
2. Cost of cash equivalents acquired	19,534,912,213	19,534,912,213		
3. Accrual of discount	21,158,582	21,158,582		
4. Unrealized valuation increase/(decrease)	(1,454)	(1,454)		
5. Total gain (loss) on disposals	45,963	45,963		
6. Deduct consideration received on disposals	20,099,575,302	20,099,575,302		
7. Deduct amortization of premium	114	114		
8. Total foreign exchange change in book/adjusted carrying value				
9. Deduct current year's other than temporary impairment recognized				
10. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9)	212,568,954	212,568,954		
11. Deduct total nonadmitted amounts				
12. Statement value at end of current period (Line 10 minus Line 11)	212,568,954	212,568,954		

(a) Indicate the category of such investments, for example, joint ventures, transportation equipment:

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE A - PART 1

Showing All Real Estate OWNED December 31 of Current Year

1 Description of Property	2 Code	3 Location		5 Date Acquired	6 Date of Last Appraisal	7 Actual Cost	8 Amount of Encumbrances	9 Book/Adjusted Carrying Value Less Encumbrances	10 Fair Value Less Encumbrances	11 Change in Book/Adjusted Carrying Value Less Encumbrances					16 Gross Income Earned Less Interest Incurred on Encumbrances	17 Taxes, Repairs and Expenses Incurred
		3 City	4 State							11 Current Year's Depreciation	12 Current Year's Other-Than-Temporary Impairment Recognized	13 Current Year's Change in Encumbrances	14 Total Change in Book/Adjusted Carrying Value (13-11-12)	15 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
0399999. Total Property occupied by the reporting entity																
4201-Directly Owned Building		Westlake Village	CA	01/02/1997		20,859,389		64,843,047	64,843,047	8,405,214				(8,405,214)	4,455,015	(1,994,183)
4466-Directly Owned Building		Joliet	IL	06/30/1998		32,692,791		46,787,593	46,787,593	8,469,523				(8,469,523)	3,473,269	(1,396,187)
4590-Directly Owned Building		Ontario	CA	12/17/1998		168,840,899		711,908,138	711,908,138	202,324,000				(202,324,000)	33,011,835	(5,508,541)
4631-Directly Owned Building		New York	NY	04/14/1999		235,047,128	83,382,621	265,083,343	265,083,343	2,223,811				(2,223,811)	11,945,052	(7,997,294)
4680-Directly Owned Building		Larkspur	CA	07/27/1999		105,297,850		136,000,000	136,000,000	26,960,853				(26,960,853)	10,243,053	(3,537,386)
4694-Directly Owned Building		San Francisco	CA	07/22/1999		118,972,979		108,120,000	108,120,000	64,186,274				(64,186,274)	12,300,882	(6,167,847)
4783-Directly Owned Building		Atlanta	GA	04/04/2000		29,427,105		72,797,355	72,797,355	1,235,567				(1,235,567)	3,698,039	(793,347)
4954-Directly Owned Building		Coppell	TX	03/08/2001		194,289,108		426,960,000	426,960,000	(47,981,760)				47,981,760	23,265,382	(8,142,828)
5054-Directly Owned Building		Cranbury	NJ	06/25/2001		63,113,923		236,500,000	236,500,000	30,269,121				(30,269,121)	8,864,238	(1,425,523)
5086-Directly Owned Building		Boca Raton	FL	08/24/2001		40,775,431		93,340,589	93,340,589	10,595,273				(10,595,273)	7,709,933	(3,153,875)
5165-Directly Owned Building		Wilton	CT	12/28/2001		65,344,301		30,507,272	30,507,272	5,138,702				(5,138,702)	7,697,697	(3,644,457)
5334-Directly Owned Building		Los Angeles	CA	09/09/2002		97,811,147		143,046,470	143,046,470	18,367,281				(18,367,281)	11,233,381	(5,037,083)
5353-Directly Owned Building		Los Angeles	CA	09/26/2002		80,555,068		154,053,784	154,053,784	23,037,770				(23,037,770)	10,965,949	(3,128,228)
5407-Directly Owned Building		San Diego	CA	11/15/2002		57,246,771		127,009,006	127,009,006	18,347,277				(18,347,277)	9,268,579	(3,030,134)
5432-Directly Owned Building		Miami	FL	11/27/2002		311,522,629	160,991,477	332,539,091	332,539,091	16,852,053		4,006,860		(12,845,193)	35,282,598	(14,542,529)
5681-Directly Owned Building		Chicago	IL	12/22/2003		69,720,153		113,010,033	113,010,033	15,330,529				(15,330,529)	8,246,191	(2,955,228)
5709-Directly Owned Building		Fife	WA	12/31/2003		72,182,757		220,966,114	220,966,114	30,593,865				(30,593,865)	11,924,576	(2,338,820)
5800-Directly Owned Building		Westlake Village	CA	05/18/2004		68,462,252		29,048,206	29,048,206	15,301,941				(15,301,941)	5,975,526	(2,856,051)
5887-Directly Owned Building		Los Angeles	CA	08/24/2004		106,296,799		304,782,806	304,782,806	47,906,232				(47,906,232)	14,755,045	(3,950,764)
5889-Directly Owned Building		Boston	MA	09/30/2004		39,446,168		87,100,000	87,100,000	11,552,216				(11,552,216)	4,470,847	(789,274)
5913-Directly Owned Building		Oakland	CA	08/27/2004		63,648,608		143,724,547	143,724,547	10,453,238				(10,453,238)	9,465,784	(2,194,042)
5914-Directly Owned Building		Seattle	WA	08/27/2004		24,361,372		64,700,000	64,700,000	6,710,046				(6,710,046)	3,301,499	(728,149)
5951-Directly Owned Building		Los Angeles	CA	12/02/2004		31,676,547		97,799,484	97,799,484	1,814,313				(1,814,313)	5,223,979	(1,091,557)
5959-Directly Owned Building		Washington	DC	12/21/2004		641,491,577		545,186,646	545,186,646	161,707,374		301,177,386		(139,470,012)	63,231,921	(24,563,507)
5961-Directly Owned Building		Washington	DC	12/21/2004		297,622,374	142,800,000	73,211,197	73,211,197	110,097,682		8,357,490		(101,740,192)	15,976,795	(11,011,069)
6056-Directly Owned Building		Tyson's Corner	VA	04/22/2005		80,570,776		34,200,000	34,200,000	12,458,549				(12,458,549)	2,165,084	(1,990,943)
6064-Directly Owned Building		Boston	MA	04/27/2005		429,930,448	260,300,000	94,897,354	94,897,354	159,857,993		(17,800,000)		(177,657,993)	26,312,221	(17,446,365)
6116-Directly Owned Building		Houston	TX	07/29/2005		46,723,920		63,982,557	63,982,557	9,341,301				(9,341,301)	5,826,119	(3,034,344)
6192-Directly Owned Building		Atlanta	GA	10/12/2005		89,645,157		165,943,020	165,943,020	20,623,424				(20,623,424)	8,151,763	(1,795,423)
6216-Directly Owned Building		Fife	WA	11/28/2005		77,302,940		188,441,526	188,441,526	2,322,124				(2,322,124)	9,091,915	(1,377,413)
6239-Directly Owned Building		Dallas	TX	12/01/2005		495,083,299		419,900,071	419,900,071	160,208,329				(160,208,329)	40,086,170	(25,269,179)
6317-Directly Owned Building		West Windsor	NJ	09/13/2006		144,347,735		84,721,787	84,721,787	7,879,643				(7,879,643)	10,069,785	(5,807,879)
6342-Directly Owned Building		Grapevine	TX	10/05/2006		55,275,836		115,000,000	115,000,000	8,288,593				(8,288,593)	6,786,292	(2,138,620)
6369-Directly Owned Building		Arlington	TX	11/14/2006		110,612,754		50,942,470	50,942,470	20,554,917				(20,554,917)	5,112,299	(2,504,185)
6657-Directly Owned Building		Rancho Cucamonga	CA	04/01/2008		127,781,804		474,588,737	474,588,737	29,155,345				(29,155,345)	18,127,683	(2,771,292)
6836-Directly Owned Building		Arlington	VA	05/16/2011		149,156,235		135,142,923	135,142,923	9,455,661				(9,455,661)	9,789,212	(3,545,790)
6856-Directly Owned Building		Weston	FL	08/26/2011		62,515,222		113,486,288	113,486,288	(7,577,178)				7,577,178	6,328,151	(1,922,565)
6896-Directly Owned Building		Washington	DC	08/30/2012		266,234,605	89,000,029	213,469,181	213,469,181	19,583,993				(19,583,993)	8,100,832	(5,120,033)
6905-Directly Owned Building		Coral Gables	FL	08/01/2012		60,991,031		80,702,195	80,702,195	8,703,195				(8,703,195)	7,468,065	(3,194,450)
6907-Directly Owned Building		Cerritos	CA	07/17/2012		96,025,976		291,312,699	291,312,699	37,496,846				(37,496,846)	12,806,957	(2,380,748)
6920-Directly Owned Building		Seattle	WA	09/14/2012		86,992,912	52,000,000	41,400,000	41,400,000	16,729,969		(2,500,000)		(19,229,969)	4,234,411	(2,640,607)
6921-Directly Owned Building		Seattle	WA	10/26/2012		56,164,160		72,200,000	72,200,000	11,967,073				(11,967,073)	4,848,084	(1,688,281)
6922-Directly Owned Building		Fife	WA	09/10/2012		38,313,534		83,716,776	83,716,776	7,475,307				(7,475,307)	4,072,156	(744,071)
6942-Directly Owned Building		Pasadena	CA	06/17/2013		137,359,941	81,000,000	118,250,820	118,250,820	16,837,379		(4,300,000)		(21,137,379)	9,201,779	(5,150,303)
6978-Directly Owned Building		Austin	TX	08/16/2013		41,934,811		54,319,005	54,319,005	10,538,209				(10,538,209)	4,806,062	(2,399,861)
7013-Directly Owned Building		Washington	DC	06/04/2014		186,178,588		139,065,990	139,065,990	26,875,689				(26,875,689)	11,401,146	(6,117,840)
7014-Directly Owned Building		Marina Del Rey	CA	11/26/2013		172,488,477		144,946,115	144,946,115	27,041,968				(27,041,968)	9,198,256	(5,505,718)
7035-Directly Owned Building		Landover	MD	02/27/2014		41,144,473		73,100,000	73,100,000	(4,239,109)				4,239,109	3,343,685	(785,656)
7054-Directly Owned Building		Reston	VA	06/12/2014		106,683,956		82,465,100	82,465,100	18,407,978				(18,407,978)	7,738,738	(2,542,794)

E01

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE A - PART 1

Showing All Real Estate OWNED December 31 of Current Year

1	2	Location		5	6	7	8	9	10	Change in Book/Adjusted Carrying Value Less Encumbrances					16	17
		3	4							11	12	13	14	15		
Description of Property	Code	City	State	Date Acquired	Date of Last Appraisal	Actual Cost	Amount of Encumbrances	Book/Adjusted Carrying Value Less Encumbrances	Fair Value Less Encumbrances	Current Year's Depreciation	Current Year's Other-Than-Temporary Impairment Recognized	Current Year's Change in Encumbrances	Total Change in Book/ Adjusted Carrying Value (13-11-12)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Gross Income Earned Less Interest Incurred on Encumbrances	Taxes, Repairs and Expenses Incurred
7055-Directly Owned Building		Houston	TX	06/13/2014		76,800,048		96,646,977	96,646,977	5,122,502			(5,122,502)		7,398,747	(2,297,361)
7056-Directly Owned Building		Houston	TX	06/13/2014		16,611,513		15,900,000	15,900,000	2,133,127			(2,133,127)		1,166,703	(429,904)
7059-Directly Owned Building		Franklin	TN	06/19/2014		46,403,678		49,973,097	49,973,097	3,432,156			(3,432,156)		3,321,060	(679,010)
7075-Directly Owned Building		Ontario	CA	08/28/2014		41,371,539		160,000,000	160,000,000	22,982,835			(22,982,835)		6,008,668	(1,010,920)
7089-Directly Owned Building		Plantation	FL	10/24/2014		54,158,140		57,700,000	57,700,000	8,280,079			(8,280,079)		5,903,071	(3,185,487)
7090-Directly Owned Building		New York	NY	11/18/2014		322,893,086		223,509,524	223,509,524	62,935,172			(62,935,172)		25,436,794	(8,038,975)
7131-Directly Owned Building		New York	NY	01/30/2015		194,976,012		126,000,000	126,000,000	67,000,000			(67,000,000)		11,788,035	(1,971,194)
8006-Directly Owned Building		Carteret	NJ	02/19/2020		49,773,321		67,900,000	67,900,000	8,300,000			(8,300,000)		4,706,439	(1,808,777)
8010-Directly Owned Building		Coconut Creek	FL	02/19/2020		92,579,012		122,115,572	122,115,572	6,770,563			(6,770,563)		10,525,138	(4,698,704)
8016-Directly Owned Building		Seattle	WA	02/19/2020		113,513,039	57,000,000	58,024,651	58,024,651	24,230,642		(3,200,000)	(27,430,642)		5,017,103	(2,633,101)
8018-Directly Owned Building		Portland	OR	07/13/2015		48,334,849		32,637,138	32,637,138	8,892,790			(8,892,790)		2,795,953	(1,422,626)
8039-Directly Owned Building		Fort Lauderdale	FL	07/15/2015		153,497,278		149,292,727	149,292,727	18,196,758			(18,196,758)		13,941,719	(5,851,950)
8042-Directly Owned Building		Houston	TX	08/12/2015		156,737,302		161,898,075	161,898,075	16,045,568			(16,045,568)		15,252,175	(5,868,091)
8052-Directly Owned Building		Fontana	CA	09/25/2015		75,752,282		258,000,000	258,000,000	30,000,000			(30,000,000)		6,832,704	(1,680,379)
8058-Directly Owned Building		Washington	DC	11/04/2015		42,702,760		24,500,000	24,500,000	3,423,768			(3,423,768)		2,337,341	(1,334,140)
8071-Directly Owned Building		Newark	CA	11/12/2015		48,874,160		102,921,442	102,921,442	17,153,792			(17,153,792)		6,655,484	(2,151,884)
8097-Directly Owned Building		Boston	MA	04/08/2016		205,863,687		149,693,400	149,693,400	59,004,739			(59,004,739)		14,406,189	(6,661,473)
8109-Directly Owned Building		Chicago	IL	11/09/2016		44,786,659		11,100,000	11,100,000	7,000,000		(1,100,000)	(8,100,000)		2,505,315	(971,055)
8133-Directly Owned Building		Columbia	SC	10/04/2016		69,979,419		70,800,000	70,800,000	19,053,815			(19,053,815)		7,976,273	(3,425,493)
8333-Directly Owned Building		Northborough	MA	04/12/2017		33,485,732		58,100,000	58,100,000	12,800,000			(12,800,000)		3,224,085	(901,055)
8424-Directly Owned Building		Various	FL	09/19/2017		58,801,904		80,187,000	80,187,000	6,568,692			(6,568,692)		5,821,061	(1,840,413)
8425-Directly Owned Building		Minneapolis	MN	07/13/2017		61,374,493		48,805,285	48,805,285	15,124,103			(15,124,103)		4,598,770	(3,229,648)
8426-Directly Owned Building		Minneapolis	MN	07/13/2017		32,721,651		31,506,829	31,506,829	5,592,442			(5,592,442)		2,742,933	(1,705,704)
8437-Directly Owned Building		Naperville	IL	08/10/2017		99,971,942	61,200,000	61,841,283	61,841,283	6,299,767		(61,200,000)	(67,499,767)		7,950,215	(4,091,387)
8441-Directly Owned Building		Orlando	FL	09/21/2017		47,049,209		67,900,000	67,900,000	(1,938,192)			1,938,192		6,580,369	(2,930,740)
8478-Directly Owned Building		San Mateo	CA	11/10/2017		140,959,015		121,411,260	121,411,260	6,617,375			(6,617,375)		7,781,633	(3,036,112)
8479-Directly Owned Building		Camarillo	CA	11/30/2017		63,252,704		67,737,027	67,737,027	9,742,519			(9,742,519)		4,842,345	(2,132,387)
8487-Directly Owned Building		San Diego	CA	11/16/2017		90,706,433		180,100,000	180,100,000	9,889,215			(9,889,215)		10,703,506	(2,683,604)
8506-Directly Owned Building		Westlake Village	CA	01/04/2018		38,647,982		24,253,615	24,253,615	9,295,841			(9,295,841)		4,168,214	(1,875,835)
8528-Directly Owned Building		Dallas	TX	03/01/2018		77,469,622	39,800,000	53,558,153	53,558,153	4,768,921		(39,800,000)	(44,568,921)		6,836,383	(3,981,981)
8531-Directly Owned Building		Piano	TX	02/22/2018		72,401,011	43,100,000	50,658,962	50,658,962	7,956,267		(43,100,000)	(51,056,267)		5,836,376	(3,191,295)
8576-Directly Owned Building		Orlando	FL	05/11/2018		70,866,160		90,113,955	90,113,955	16,400,545			(16,400,545)		6,641,444	(3,153,045)
8578-Directly Owned Building		Atlanta	GA	05/11/2018		73,973,801		78,071,444	78,071,444	19,895,213			(19,895,213)		5,408,253	(2,707,870)
8580-Directly Owned Building		Germantown	MD	06/13/2018		60,648,654		79,130,560	79,130,560	7,850,963			(7,850,963)		5,446,313	(3,423,363)
8592-Directly Owned Building		Dallas	TX	05/15/2018		64,764,206		34,119,512	34,119,512	15,048,554			(15,048,554)		4,135,962	(2,510,394)
8605-Directly Owned Building		Pine Brook	NJ	07/26/2018		21,674,836		49,866,647	49,866,647	(2,163,214)			2,163,214		3,506,698	(1,172,348)
8610-Directly Owned Building		Charlotte	NC	06/28/2018		70,953,672		79,700,000	79,700,000	7,783,500			(7,783,500)		6,357,963	(2,469,739)
8673-Directly Owned Building		San Diego	CA	10/01/2018		29,820,205		54,900,000	54,900,000	4,355,596			(4,355,596)		2,679,794	(901,730)
8698-Directly Owned Building		San Clemente	CA	10/22/2018		98,780,326		109,172,903	109,172,903	8,132,197			(8,132,197)		6,964,275	(2,403,614)
8700-Directly Owned Building		Hoover	AL	10/26/2018		40,415,616		28,050,000	28,050,000	5,491,631			(5,491,631)		3,114,494	(2,118,953)
8721-Directly Owned Building		Tampa	FL	12/19/2018		68,393,481		85,600,000	85,600,000	7,970,147			(7,970,147)		7,402,681	(3,348,559)
8736-Directly Owned Building		Atlanta	GA	01/09/2019		61,316,922		74,108,579	74,108,579	17,732,670			(17,732,670)		5,792,550	(2,285,296)
8746-Directly Owned Building		Denver	CO	01/10/2019		125,859,653		60,300,000	60,300,000	43,758,630			(43,758,630)		12,053,164	(6,542,450)
8799-Directly Owned Building		Fontana	CA	08/28/2019		23,234,449		50,300,000	50,300,000	7,566,864			(7,566,864)		2,073,136	(478,083)
8805-Directly Owned Building		Riverview	FL	05/08/2019		78,022,144		98,702,378	98,702,378	23,514,121			(23,514,121)		8,318,045	(3,726,318)
8807-Directly Owned Building		Austin	TX	05/16/2019		78,882,748	40,242,660	72,821,192	72,821,192	13,565,115		(40,242,660)	(44,507,718)		7,239,788	(4,816,943)
8814-Directly Owned Building		Draper	UT	06/26/2019		111,276,038		23,606,561	23,606,561	40,607,904		(1,764,720)	(42,372,624)		9,908,772	(3,032,157)
8862-Directly Owned Building		Phoenix	AZ	07/12/2019		29,902,907		46,700,000	46,700,000	1,678,464			(1,678,464)		2,604,374	(532,969)
8893-Directly Owned Building		Boston	MA	10/11/2019		138,653,681		114,000,000	114,000,000	10,716,152			(10,716,152)		10,782,584	(3,889,973)
8934-Directly Owned Building		Alexandria	VA	11/01/2019		108,520,977		55,041,798	55,041,798	13,079,161			(13,079,161)		5,918,105	(3,351,746)

E01.1

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE A - PART 1

Showing All Real Estate OWNED December 31 of Current Year

1	2	Location		5	6	7	8	9	10	Change in Book/Adjusted Carrying Value Less Encumbrances					16	17
		3	4							11	12	13	14	15		
Description of Property	Code	City	State	Date Acquired	Date of Last Appraisal	Actual Cost	Amount of Encumbrances	Book/Adjusted Carrying Value Less Encumbrances	Fair Value Less Encumbrances	Current Year's Depreciation	Current Year's Other-Than-Temporary Impairment Recognized	Current Year's Change in Encumbrances	Total Change in Book/ Adjusted Carrying Value (13-11-12)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Gross Income Earned Less Interest Incurred on Encumbrances	Taxes, Repairs and Expenses Incurred
8947-Directly Owned Building		Dallas	TX	12/05/2019		102,126,017		91,752,742	91,752,742	(1,293,616)			1,293,616		25,188,839	(20,071,450)
9042-Directly Owned Building		El Segundo	CA	11/15/2019		99,881,726		79,100,000	79,100,000	18,755,218			(18,755,218)		10,002,645	(4,169,810)
9043-Directly Owned Building		San Jose	CA	11/15/2019		150,829,253		147,124,040	147,124,040	27,024,694			(27,024,694)		10,678,318	(4,202,738)
9061-Directly Owned Building		Plantation	FL			29,775,962		72,669,156	72,669,156	2,416,899			(2,416,899)		6,152,289	(2,796,171)
9064-Directly Owned Building		Alta Loma	CA	12/19/2019		90,000,311		102,084,345	102,084,345	11,787,309			(11,787,309)		6,909,962	(2,992,191)
9065-Directly Owned Building		West Palm Beach	FL	01/15/2020		106,313,177		126,038,441	126,038,441	42,115,750			(42,115,750)		10,812,464	(4,817,737)
9086-Directly Owned Building		Fort Worth	TX	02/10/2020		49,238,669		55,160,046	55,160,046	6,173,224			(6,173,224)		5,104,603	(2,198,568)
9277-Directly Owned Building		Mount Juliet	TN	12/29/2020		52,047,426		68,900,000	68,900,000	5,000,000			(5,000,000)		3,720,985	(541,440)
9372-Directly Owned Building		Clayton	IN	06/24/2021		101,267,160		97,300,000	97,300,000	10,700,000			(10,700,000)		6,004,835	(922,447)
9428-Directly Owned Building		Port St. Lucie	FL	07/29/2021		206,326,949		183,000,000	183,000,000	49,600,373			(49,600,373)		12,235,568	(3,177,253)
9548-Directly Owned Building		Weston	FL	10/14/2021		110,215,462		101,200,000	101,200,000	(4,200,000)			(4,200,000)		5,577,275	(1,075,410)
9570-Directly Owned Building		Woodstock	GA	11/17/2021		151,790,874		140,064,765	140,064,765	19,626,108			(19,626,108)		10,601,130	(4,551,554)
9583-Directly Owned Building		Fullerton	CA	12/01/2021		168,532,372		136,000,000	136,000,000	29,220,535			(29,220,535)		10,185,058	(4,800,166)
9536-Directly Owned Building		San Antonio	TX	12/15/2021		33,013,927		40,320,535	40,320,535	722,038			(722,038)		2,645,046	(1,123,870)
9647-Directly Owned Building		Various	MN	02/04/2022		154,415,919		137,500,000	137,500,000	11,723,304			(11,723,304)		10,674,610	(4,353,898)
9726-Directly Owned Building		Nashville	TN	04/12/2022		44,184,166		35,754,622	35,754,622	3,025,727			(3,025,727)		2,735,044	(1,187,995)
9760-Directly Owned Building		Peoria	AZ	04/28/2022		14,407,015		15,348,167	15,348,167	(986,216)			(986,216)		5,125	5,125
9766-Directly Owned Building		Marlborough	MA	05/20/2022		60,259,353		51,646,464	51,646,464	6,966,614			(6,966,614)		4,000,756	(2,073,435)
9367-Directly Owned Building		Various	TX	05/27/2022		56,316,435		65,508,000	65,508,000	14,916,651			(14,916,651)		3,706,931	(1,079,530)
9537-Directly Owned Building		Various	TX	05/27/2022		22,423,777		23,500,000	23,500,000	2,440,215			(2,440,215)		1,490,993	(373,984)
9439-Directly Owned Building		Monee	IL	06/06/2022		51,394,139		55,986,682	55,986,682	(4,752,788)			(4,752,788)			(15,194)
a042-Directly Owned Building		Fairfield	CA	08/03/2022		82,196,512		72,700,000	72,700,000	5,491,476			(5,491,476)		4,201,711	(727,454)
a04b-Directly Owned Building		Dover	CO	10/03/2022		47,586,842		46,000,000	46,000,000	3,418,427			(3,418,427)		3,268,024	(1,253,922)
9510-Directly Owned Building		Portland	OR	12/21/2023		27,500,000		27,500,000	27,500,000			41,101,775	41,101,775		1,626,068	(181,059)
9399-Directly Held Debt		Lower Gwynedd	PA	06/15/2021			56,859,250	(56,859,250)	(56,859,250)			(4,558,545)	(4,558,545)			
9440-Directly Held Debt		Chino Hills	CA	07/29/2021			79,870,440	(79,870,440)	(79,870,440)			(7,372,510)	(7,372,510)			
9751-Directly Held Debt		Houston	TX	03/30/2023			93,881,500	(93,881,500)	(93,881,500)			(93,881,500)	(93,881,500)			
8835-Directly Held Debt		San Diego	CA	08/28/2019								58,200,000	58,200,000			
9380-Directly Held Debt		Austin	TX	07/14/2021								40,417,201	40,417,201			
9750-Directly Held Debt		Miami	FL	11/20/2023			100,000,000	(100,000,000)	(100,000,000)			(100,000,000)	(100,000,000)			
0499999 Properties held for the production of income						12,236,617,116	1,566,543,740	13,675,743,693	13,675,743,693	2,432,965,870		176,274,640	(2,256,691,230)		1,069,986,275	(439,126,649)
0699999 - Totals						12,236,617,116	1,566,543,740	13,675,743,693	13,675,743,693	2,432,965,870		176,274,640	(2,256,691,230)		1,069,986,275	(439,126,649)

E01.2

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE A - PART 2

Showing All Real Estate ACQUIRED and Additions Made During the Year

1 Description of Property	Location		4 Date Acquired	5 Name of Vendor	6 Actual Cost at Time of Acquisition	7 Amount of Encumbrances	8 Book/Adjusted Carrying Value Less Encumbrances	9 Additional Investment Made After Acquisition
	2 City	3 State						
4201-Directly Owned Building	Westlake Village	CA	01/02/1997				64,843,047	203,183
4466-Directly Owned Building	Joliet	IL	06/30/1998				46,787,593	857,117
4590-Directly Owned Building	Ontario	CA	12/17/1998				711,908,138	6,217,364
4631-Directly Owned Building	New York	NY	04/14/1999			83,382,621	265,083,343	554,739
4680-Directly Owned Building	Larkspur	CA	07/27/1999				136,000,000	960,853
4694-Directly Owned Building	San Francisco	CA	07/22/1999				108,120,000	2,306,274
4783-Directly Owned Building	Atlanta	GA	04/04/2000				72,797,355	223,264
4954-Directly Owned Building	Coppell	TX	03/08/2001				426,960,000	7,145,057
5054-Directly Owned Building	Cranbury	NJ	06/25/2001				236,500,000	1,269,121
5086-Directly Owned Building	Boca Raton	FL	08/24/2001				93,340,589	1,898,078
5165-Directly Owned Building	Wilton	CT	12/28/2001				30,507,272	296,394
5334-Directly Owned Building	Los Angeles	CA	09/09/2002				143,046,470	413,751
5353-Directly Owned Building	Los Angeles	CA	09/26/2002				154,053,784	91,554
5407-Directly Owned Building	San Diego	CA	11/15/2002				127,009,006	356,283
5432-Directly Owned Building	Miami	FL	11/27/2002			160,991,477	332,539,091	7,848,774
5681-Directly Owned Building	Chicago	IL	12/22/2003				113,010,033	637,762
5709-Directly Owned Building	Fife	WA	12/31/2003				220,966,114	2,559,979
5800-Directly Owned Building	Westlake Village	CA	05/18/2004				29,048,206	2,037,357
5887-Directly Owned Building	Los Angeles	CA	08/27/2004				304,782,806	989,037
5889-Directly Owned Building	Boston	MA	09/30/2004				87,100,000	52,216
5913-Directly Owned Building	Oakland	CA	08/27/2004				143,724,547	177,785
5914-Directly Owned Building	Seattle	WA	08/27/2004				64,700,000	687,874
5951-Directly Owned Building	Los Angeles	CA	12/02/2004				97,799,484	331,709
5959-Directly Owned Building	Washington	DC	12/21/2004				545,186,646	4,471,796
5961-Directly Owned Building	Washington	DC	12/21/2004			142,800,000	73,211,197	4,153,452
6056-Directly Owned Building	Tyson's Corner	VA	04/22/2005				34,200,000	2,858,549
6064-Directly Owned Building	Boston	MA	04/27/2005			260,300,000	94,897,354	14,569,900
6116-Directly Owned Building	Houston	TX	07/29/2005				63,982,557	585,571
6192-Directly Owned Building	Atlanta	GA	10/12/2005				165,943,020	(408,061)
6216-Directly Owned Building	Fife	WA	11/28/2005				188,441,526	3,763,650
6239-Directly Owned Building	Dallas	TX	12/01/2005				419,900,071	36,408,400
6317-Directly Owned Building	West Windsor	NJ	09/13/2006				84,721,787	2,099,888
6342-Directly Owned Building	Grapevine	TX	10/05/2006				115,000,000	288,593
6369-Directly Owned Building	Arlington	TX	11/14/2006				50,942,470	1,173,484
6657-Directly Owned Building	Rancho Cucamonga	CA	04/01/2008				474,588,737	1,744,082
6836-Directly Owned Building	Arlington	VA	05/16/2011				135,142,923	561,739
6856-Directly Owned Building	Weston	FL	08/26/2011				113,486,288	1,509,110
6896-Directly Owned Building	Washington	DC	08/30/2012			89,000,029	213,469,181	350,908
6905-Directly Owned Building	Coral Gables	FL	08/01/2012				80,702,195	1,108,241
6907-Directly Owned Building	Cerritos	CA	07/17/2012				291,312,699	1,809,544
6920-Directly Owned Building	Seattle	WA	09/14/2012			52,000,000	41,400,000	629,969
6921-Directly Owned Building	Seattle	WA	10/26/2012				72,200,000	67,073
6922-Directly Owned Building	Fife	WA	09/10/2012				83,716,776	2,692,083
6942-Directly Owned Building	Pasadena	CA	06/17/2013			81,000,000	118,250,820	788,199
6978-Directly Owned Building	Austin	TX	08/16/2013				54,319,005	515,082
7013-Directly Owned Building	Washington	DC	06/04/2014				139,065,990	890,241
7014-Directly Owned Building	Marina Del Rey	CA	11/26/2013				144,946,115	1,126,714
7035-Directly Owned Building	Landover	MD	02/27/2014				73,100,000	510,891
7054-Directly Owned Building	Reston	VA	06/12/2014				82,465,100	771,591
7055-Directly Owned Building	Houston	TX	06/13/2014				96,646,977	3,969,479
7056-Directly Owned Building	Houston	TX	06/13/2014				15,900,000	(30,419)
7059-Directly Owned Building	Franklin	TN	06/19/2014				49,973,097	946,021
7075-Directly Owned Building	Ontario	CA	08/28/2014				160,000,000	(17,165)

E02

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE A - PART 2

Showing All Real Estate ACQUIRED and Additions Made During the Year

1 Description of Property	Location		4 Date Acquired	5 Name of Vendor	6 Actual Cost at Time of Acquisition	7 Amount of Encumbrances	8 Book/Adjusted Carrying Value Less Encumbrances	9 Additional Investment Made After Acquisition
	2 City	3 State						
7089-Directly Owned Building	Plantation	FL	10/24/2014				57,700,000	332,610
7090-Directly Owned Building	New York	NY	11/18/2014				223,509,524	2,443,618
7131-Directly Owned Building	New York	NY	01/30/2015				126,000,000	
8006-Directly Owned Building	Carteret	NJ	02/19/2020				67,900,000	
8010-Directly Owned Building	Coconut Creek	FL	02/19/2020				122,115,572	772,928
8016-Directly Owned Building	Seattle	WA	02/19/2020			57,000,000	58,024,651	55,168
8018-Directly Owned Building	Portland	OR	07/13/2015				32,637,138	226,273
8039-Directly Owned Building	Fort Lauderdale	FL	07/15/2015				149,292,727	1,189,484
8042-Directly Owned Building	Houston	TX	08/12/2015				161,898,075	615,558
8052-Directly Owned Building	Fontana	CA	09/25/2015				258,000,000	
8058-Directly Owned Building	Washington	DC	11/04/2015				24,500,000	123,768
8071-Directly Owned Building	Newark	CA	11/12/2015				102,921,442	478,095
8097-Directly Owned Building	Boston	MA	04/08/2016				149,693,400	4,150,538
8109-Directly Owned Building	Chicago	IL	11/09/2016				11,100,000	
8133-Directly Owned Building	Columbia	SC	10/04/2016				70,800,000	348,335
8333-Directly Owned Building	Northborough	MA	04/12/2017				58,100,000	
8424-Directly Owned Building	Various	FL	09/19/2017				80,187,000	55,692
8425-Directly Owned Building	Minneapolis	MN	07/13/2017				48,805,285	130,799
8426-Directly Owned Building	Minneapolis	MN	07/13/2017				31,506,829	88,356
8437-Directly Owned Building	Naperville	IL	08/10/2017			61,200,000	61,841,283	986,741
8441-Directly Owned Building	Orlando	FL	09/21/2017				67,900,000	1,354,488
8478-Directly Owned Building	San Mateo	CA	11/10/2017				121,411,260	7,047,508
8479-Directly Owned Building	Camarillo	CA	11/30/2017				67,737,027	909,407
8487-Directly Owned Building	San Diego	CA	11/16/2017				180,100,000	689,215
8506-Directly Owned Building	Westlake Village	CA	01/04/2018				24,253,615	1,150,535
8528-Directly Owned Building	Dallas	TX	03/01/2018			39,800,000	53,558,153	1,406,608
8531-Directly Owned Building	Plano	TX	02/22/2018			43,100,000	50,658,962	1,417,092
8576-Directly Owned Building	Orlando	FL	05/11/2018				90,113,955	1,387,249
8578-Directly Owned Building	Atlanta	GA	05/11/2018				78,071,444	1,318,848
8580-Directly Owned Building	Germantown	MD	06/13/2018				79,130,560	481,523
8592-Directly Owned Building	Dallas	TX	05/15/2018				34,119,512	1,081,681
8605-Directly Owned Building	Pine Brook	NJ	07/26/2018				49,866,647	703,387
8610-Directly Owned Building	Charlotte	NC	06/28/2018				79,700,000	1,124,517
8673-Directly Owned Building	San Diego	CA	10/01/2018				54,900,000	55,596
8698-Directly Owned Building	San Clemente	CA	10/22/2018				109,172,903	1,042,921
8700-Directly Owned Building	Hoover	AL	10/26/2018				28,050,000	215,378
8721-Directly Owned Building	Tampa	FL	12/19/2018				85,600,000	1,570,147
8736-Directly Owned Building	Atlanta	GA	01/09/2019				74,108,579	2,906,783
8746-Directly Owned Building	Denver	CO	01/10/2019				60,300,000	2,058,630
8799-Directly Owned Building	Fontana	CA	08/28/2019				50,300,000	(120,694)
8805-Directly Owned Building	Riverview	FL	05/08/2019				98,702,378	178,796
8807-Directly Owned Building	Austin	TX	05/16/2019			40,242,660	72,821,192	741,243
8814-Directly Owned Building	Draper	UT	06/26/2019			58,864,720	23,606,561	93,419
8862-Directly Owned Building	Phoenix	AZ	07/12/2019				46,700,000	78,464
8893-Directly Owned Building	Boston	MA	10/11/2019				114,000,000	1,716,152
8934-Directly Owned Building	Alexandria	VA	11/01/2019				55,041,798	1,612,455
8947-Directly Owned Building	Dallas	TX	12/05/2019				91,752,742	2,859,126
9042-Directly Owned Building	El Segundo	CA	11/15/2019				79,100,000	1,396,341
9043-Directly Owned Building	San Jose	CA	11/15/2019				147,124,040	967,182
9061-Directly Owned Building	Plantation	FL					72,669,156	1,036,068
9064-Directly Owned Building	Alta Loma	CA	12/19/2019				102,084,345	871,654
9065-Directly Owned Building	West Palm Beach	FL	01/15/2020				128,038,441	2,029,508
9086-Directly Owned Building	Fort Worth	TX	02/10/2020				55,160,046	1,627,569

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE A - PART 2

Showing All Real Estate ACQUIRED and Additions Made During the Year

1 Description of Property	Location		4 Date Acquired	5 Name of Vendor	6 Actual Cost at Time of Acquisition	7 Amount of Encumbrances	8 Book/Adjusted Carrying Value Less Encumbrances	9 Additional Investment Made After Acquisition
	2 City	3 State						
9277-Directly Owned Building	Mount Juliet	TN.	12/29/2020				68,900,000	
9372-Directly Owned Building	Clayton	TN.	06/24/2021				97,300,000	
9428-Directly Owned Building	Port St. Lucie	FL.	07/29/2021				183,000,000	17,386,682
9548-Directly Owned Building	Weston	FL.	10/14/2021				101,200,000	
9570-Directly Owned Building	Woodstock	GA.	11/17/2021				140,064,765	2,775,324
9583-Directly Owned Building	Fullerton	CA.	12/01/2021				136,000,000	220,535
9536-Directly Owned Building	San Antonio	TX.	12/15/2021				40,320,535	3,138,153
9647-Directly Owned Building	Various	MN.	02/04/2022				137,500,000	123,304
9726-Directly Owned Building	Nashville	TN.	04/12/2022				35,754,622	180,349
9760-Directly Owned Building	Peoria	AZ.	04/28/2022				15,348,167	10,113,487
9766-Directly Owned Building	Marlborough	MA.	05/20/2022				51,646,464	886,488
9367-Directly Owned Building	Various	TX.	05/27/2022				65,508,000	2,804,472
9537-Directly Owned Building	Various	TX.	05/27/2022				23,500,000	635,111
9439-Directly Owned Building	Monee	IL.	06/06/2022				55,986,682	45,583,894
a042-Directly Owned Building	Fairfield	CA.	08/03/2022				72,700,000	691,476
a04b-Directly Owned Building	Dover	CO.	10/03/2022				46,000,000	18,427
9510-Directly Owned Building	Portland	OR.	12/21/2023				27,500,000	
9399-Directly Held Debt	Lower Gwynedd	PA.	06/15/2021		27,500,000	56,859,250	(56,859,250)	
9440-Directly Held Debt	Chino Hills	CA.	07/29/2021			79,870,440	(79,870,440)	
9751-Directly Held Debt	Houston	TX.	03/30/2023			93,881,500	(93,881,500)	
9750-Directly Held Debt	Miami	FL.	11/20/2023			100,000,000	(100,000,000)	
0199999. Acquired by Purchase					27,500,000	1,566,543,740	13,675,743,693	267,588,593
0399999 - Totals					27,500,000	1,566,543,740	13,675,743,693	267,588,593

E02.2

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE A - PART 3

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

1	Location		4	5	6	7	8	Change in Book/Adjusted Carrying Value Less Encumbrances					14	15	16	17	18	19	20
	2	3						9	10	11	12	13							
Description of Property	City	State	Disposal Date	Name of Purchaser	Actual Cost	Expended for Additions, Permanent Improvements and Changes in Encumbrances	Book/Adjusted Carrying Value Less Encumbrances Prior Year	Current Year's Depreciation	Current Year's Other-Than-Temporary Impairment Recognized	Current Year's Change in Encumbrances	Total Change in Book/Adjusted Carrying Value (11-9-10)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Book/Adjusted Carrying Value Less Encumbrances on Disposal	Amounts Received During Year	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Gross Income Earned Less Interest Incurred on Encumbrances	Taxes, Repairs and Expenses Incurred
9510-Directly Owned Building	Portland	OR.....	12/20/2023 ..	Loan receivable converted to equity														(20,564,665)	(4,367,506)
0199999. Property Disposed																30,332,215	30,332,215	(20,564,665)	(4,367,506)
0399999 - Totals																30,332,215	30,332,215	(20,564,665)	(4,367,506)

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE B - PART 1

Showing All Mortgage Loans OWNED December 31 of Current Year

1 Loan Number	2 Code	3 Location		5 Loan Type	6 Date Acquired	7 Rate of Interest	8 Book Value/Recorded Investment Excluding Accrued Interest	Change in Book Value/Recorded Investment					14 Value of Land and Buildings	15 Date of Last Appraisal or Valuation
		3 City	4 State					9 Unrealized Valuation Increase/ (Decrease)	10 Current Year's (Amortization)/ Accretion	11 Current Year's Other-Than-Temporary Impairment Recognized	12 Capitalized Deferred Interest and Other	13 Total Foreign Exchange Change in Book Value		
Charles River Plaza North					07/07/2015	0.061	95,800,000	100,000						
Aspen Lake Office Portfolio					03/02/2018	0.083	17,400,000	(1,500,000)						
311 South Wacker Mezz					06/15/2018	0.048		(10,000,000)						
Blackstone RioCan Retail Portfolio Sr. Mezzanine					06/08/2018	0.014								
Merritt on the River Office Portfolio Mezz					08/01/2018	0.080	42,392,606	(32,557,368)						
River North Point					08/24/2018	0.044		(58,493,484)						
1330 Broadway					08/10/2018	0.051		(40,430,000)						
SCG Oakland Portfolio					03/01/2019	0.044		(55,102,883)						
Park Avenue Tower					04/22/2019	0.046	41,000,000	(41,600,000)						
San Diego Office Portfolio					07/26/2019	0.026	75,413,000	(1,003,000)						
SoNo Collection (Mezz)					09/17/2019	0.069	42,800,000	(1,200,000)						
Colony New England Hotel Portfolio					11/08/2019	0.030	139,320,000	4,470,000						
Liberty Park					10/24/2019	0.045		(16,780,000)						
Exo Apartments Debt Asset					12/10/2019	0.037	31,105,526	(44,474)						
Sol y Luna					01/07/2020	0.066	46,538,964	(161,054)						
Five Oak Debt					03/26/2020	0.049		(14,074,452)						
The Stratum					05/06/2021	0.033	51,189,172	(3,525,442)						
Spring House Innovation Park					06/15/2021	0.034	93,658,000	(291,994)						
Reserve at Chino Hills					07/29/2021	0.026	103,844,217	(795,511)						
Sixth & Main					10/20/2021	0.040		3,959						
One Biscayne Tower					06/28/2022	0.039	168,324,000	(1,582,000)						
Project Sonic					05/13/2022	0.029	133,628,936	553,508						
The Hub Debt Asset					08/26/2019	0.026	36,500,000							
Cabana Beach Gainesville - Debt Asset					09/27/2019	0.032	32,850,000							
Park on Morton Debt Asset					06/15/2023	0.061	27,100,000	(650,000)						
0699999. Mortgages in good standing - Mezzanine Loans							1,178,864,421	(274,664,196)						XXX
0899999. Total Mortgages in good standing							1,178,864,421	(274,664,196)						XXX
1699999. Total - Restructured Mortgages														XXX
2499999. Total - Mortgages with overdue interest over 90 days														XXX
3299999. Total - Mortgages in the process of foreclosure														XXX
3399999 - Totals							1,178,864,421	(274,664,196)						XXX

General Interrogatory:

- Mortgages in good standing \$ unpaid taxes \$ interest due and unpaid.
- Restructured mortgages \$ unpaid taxes \$ interest due and unpaid.
- Mortgages with overdue interest over 90 days not in process of foreclosure \$ unpaid taxes \$ interest due and unpaid.
- Mortgages in process of foreclosure \$ unpaid taxes \$ interest due and unpaid.

E04

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE B - PART 2

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

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						
735 Watkins Debt Asset				01/10/2023	0.060			
Park on Morton Debt Asset				06/15/2023	0.061	27,750,000		
Blackstone RioCan Retail Portfolio Sr. Mezzanine				06/08/2018	0.048			
1330 Broadway				08/10/2018	0.051			
SCG Oakland Portfolio				03/01/2019	0.044		702,883	
Colony New England Hotel Portfolio				11/08/2019	0.029			
Five Oak Debt				03/26/2020	0.025		57,452	
The Stratum				05/06/2021	0.033		1,069,615	
Spring House Innovation Park				06/15/2021	0.033		7,532,482	
Reserve at Chino Hills				07/29/2021	0.025		9,347,912	
Sixth & Main				10/20/2021	0.040		1,490,845	
Project Sonic				05/13/2022	0.060		2,516,428	
0699999. Mortgages in good standing - Mezzanine Loans						27,750,000	22,717,617	
0899999. Total Mortgages in good standing						27,750,000	22,717,617	
1699999. Total - Restructured Mortgages								
2499999. Total - Mortgages with overdue interest over 90 days								
3299999. Total - Mortgages in the process of foreclosure								
.....								
.....								
.....								
.....								
.....								
3399999 - Totals						27,750,000	22,717,617	

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE B - PART 3

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

1 Loan Number	Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/ Recorded Investment Excluding Accrued Interest Prior Year	Change in Book Value/Recorded Investment					14 Book Value/ Recorded Investment Excluding Accrued Interest on Disposal	15 Consid- eration	16 Foreign Exchange Gain (Loss) on Disposal	17 Realized Gain (Loss) on Disposal	18 Total Gain (Loss) on Disposal	
	2 City	3 State					8 Unrealized Valuation Increase/ (Decrease)	9 Current Year's (Amortization) /Accretion	10 Current Year's Other- Than- Temporary Impairment Recognized	11 Capitalized Deferred Interest and Other	12 Total Change in Book Value (8+9-10+11)						13 Total Foreign Exchange Change in Book Value
Blackstone RioCan Retail Portfolio Sr. Mezzanine				06/08/2018	01/31/2023												
Sixth & Main				10/20/2021	01/31/2023											(69,993,803)	(69,993,803)
0199999. Mortgages closed by repayment																	
Blackstone RioCan Retail Portfolio Sr. Mezzanine												11,215,150	11,215,150				
Merritt on the River Office Portfolio Mezz												150,026	150,026				
Exo Apartments Debt Asset												2,725,000	2,725,000				
Sol y Luna												949,396	949,396				
The Stratum												1	1				
0299999. Mortgages with partial repayments																	
												15,039,572	15,039,572				
0599999 - Totals												15,039,572	15,039,572	(69,993,803)	(69,993,803)		

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE BA - PART 1

Showing Other Long-Term Invested Assets OWNED December 31 of Current Year

1	2	3	4 Location		6	7	8	9	10	11	12	Change in Book/Adjusted Carrying Value					18	19	20
			4	5								13	14	15	16	17			
CUSIP Identification	Name or Description	Code	City	State	Name of Vendor or General Partner	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Date Originally Acquired	Type and Strategy	Actual Cost	Fair Value	Book/ Adjusted Carrying Value Less Encumbrances	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 Foreign Exchange Change in Book/ Adjusted Carrying Value	Investment Income	Commitment for Additional Investment	Percentage of Ownership
	One Boston Place Real Estate Investment Trust			MD	BRE/One Boston LLC		12/03/2002			192,835,617	192,835,617	(79,186,502)				10,409,626		0.500	
	CA-Colorado Center Limited Partnership			DE	TST Colorado Ave / Tishman Speyer		07/30/2004			7,685,882	7,685,882	(5,307,107)				212,220		0.500	
	Taconic New York City GP Fund LP			DE			06/30/2015			15,875,814	15,875,814	(13,045,588)						0.600	
	LCS SHIP Venture I, LLC			DE			06/30/2018			142,488,930	142,488,930	(53,433,290)				19,135,800		0.900	
	IDR - Core Property Index Fund			DE			12/15/2019			36,735,375	36,735,375	(7,258,151)				939,333		0.030	
	Veritas			DE			08/01/2019			56,456,964	56,456,964	(22,180,819)						0.900	
	Seavest Investment			DE			08/20/2019			76,466,754	76,466,754	(26,394,450)				(291,366)		0.620	
	Flagler			DE			03/01/2020			20,950,456	20,950,456	(112,352)				1,512,000		0.900	
	JCR			DE			01/01/2020			81,135,553	81,135,553	4,589,868				438,098		0.400	
	Silverpeak			DE			02/01/2020			150,334,538	150,334,538	21,287,989				3,140,589		0.900	
	Townsend			DE			08/01/2020			194,942,662	194,942,662	(3,004,084)						0.990	
	Grubb Southeast Real Estate Fund VI, LLC			DE			12/20/2019			16,993,930	16,993,930	(855,232)						0.670	
	Colony Zeus Partners LP									685,900,000	685,900,000	8,173,328						0.000	
2199999	Joint Venture Interests - Real Estate - Unaffiliated									1,678,802,475	1,678,802,475	(176,726,390)				35,496,301		XXX	
	Teachers REA LLC			DE			04/14/1998			1,635,971,833	1,635,971,833	(458,034,283)				12,792,651		1.000	
	TREA Infill Industrial Houston LLC			DE			02/20/2019			7,500,837	7,500,837	(181,814)						1.000	
	Seneca Industrial Holdings LLC			DE			12/14/2007			226,208,894	226,208,894	22,197,671				(20,286)		1.000	
	Walnut Street Retail Investors LP			DE			09/16/2013			8,617,584	8,617,584	(27,041)						1.000	
	TREA 32 South State Street LLC			DE			11/09/2016											1.000	
	TREA One Beeman Street LLC			DE			04/12/2017											1.000	
	MiMA Investor Member LLC			DE			11/13/2012			36,355,537	36,355,537	(15,362,549)				1,789,305		0.700	
	TIAA Florida Mall LLC			DE			04/30/2002			304,084,862	304,084,862	(110,755,448)				12,895,809		0.500	
	TIAA Miami International Mall, LLC			DE			04/30/2002			10,600,910	10,600,910	(67,762,132)				(20,286)		0.500	
	Teachers REA II			DE			04/28/1998			224,877,203	224,877,203	(5,721,065)				9,102,661		1.000	
	TIAA Florida Retail LLC			DE			10/11/2006			127,323,715	127,323,715	(4,396,067)				5,367,157		0.800	
	TREA Retail Property Portfolio 2006 LLC			DE			02/27/2007			812,153,161	812,153,161	60,636,245				3,458,693		1.000	
	T-C Four Oaks Place LLC			DE			10/01/2008			304,768,028	304,768,028	(41,188,495)						0.510	
	T-C Four Oaks General Partner LLC			DE			12/01/2012					(608,154)				2,040,000		0.510	
	T-C Valencia Town Center Limited Partner LLC			DE			12/20/2012			154,853	154,853	141,704,963				1,224,210		0.500	
	T-C Valencia Town Center General Partner LLC			DE			12/20/2012					283,477				2,500		0.500	
	T-C 401 West 14th Street Member, LLC			DE			01/08/2014			30,906,671	30,906,671	(2,005,638)				418,253		0.420	
	T-C Foundry Square II Member LLC			DE			09/04/2014			220,812,476	220,812,476	(75,948,478)				11,492,940		0.500	
	TREA Campus Pointe 2, LLC			DE			06/29/2016			221,003,777	221,003,777	(652,306)				(20,967)		0.450	
	TREA Fashion Show Investor Member LLC			DE			07/29/2016			413,874,072	413,874,072	(90,055,171)				24,200,115		0.500	
	TREA Hub Investor Member LLC			DE			08/12/2016			66,554,624	66,554,624	(12,175,477)				941,733		0.950	
	TREA 817 Broadway Investor Member LLC			DE			11/21/2016			3,424,698	3,424,698	(13,789,699)				(8,027)		0.610	
	TREA Campus Pointe 1, LLC			DE			12/15/2016			176,175,165	176,175,165	(59,742,283)				8,024,382		0.450	
	TREA Self Storage Investor Member LLC			DE			11/30/2017			361,130,778	361,130,778	(35,737,288)				14,697,517		0.900	
	TREA 9625 Town Center, LLC			DE			12/19/2017					(29,605,420)				1,781,673		0.500	
	TREA Campus Pointe 4, LLC			DE			12/28/2017			57,164,369	57,164,369	8,368,256				(2,673)		0.450	
	TREA Student Housing JV Investor Member LLC			DE			05/11/2018			258,654,222	258,654,222	(29,790,597)				8,691,386		0.970	
	TREA SH Investor Member, LLC			DE			11/29/2018			645,225,407	645,225,407	(125,752,453)				9,422,713		0.970	
	T-C 501 Boylston Street Member LLC			DE			08/21/2018			131,300,668	131,300,668	(51,074,306)						0.500	
	TREA 440 Ninth Avenue Investor Member LLC			DE			12/06/2018			3,029,774	3,029,774	(80,056,863)				6,190,692		0.890	
	Storage Portfolio III			DE			02/22/2019			74,920,850	74,920,850	(3,689,022)				3,966,697		0.900	
	TREA 101 North Tryon Investor Member LLC			DE			06/14/2019			24,041,623	24,041,623	(41,222,000)				(11,387)		0.850	
	I-35 Logistics Investor Member LLC			DE			06/04/2019			779,691	779,691	(19,022,080)				641,452		0.950	

E07

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE BA - PART 1

Showing Other Long-Term Invested Assets OWNED December 31 of Current Year

1 CUSIP Identification	2 Name or Description	3 Code	4 Location		6 Name of Vendor or General Partner	7 NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	8 Date Originally Acquired	9 Type and Strategy	10 Actual Cost	11 Fair Value	12 Book/ Adjusted Carrying Value Less Encumbrances	Change in Book/Adjusted Carrying Value					18 Investment Income	19 Commitment for Additional Investment	20 Percentage of Ownership
			4 City	5 State								13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's (Depreciation) or (Amortization)/ Accretion	15 Current Year's Other-Than-Temporary Impairment Recognized	16 Capitalized Deferred Interest and Other	17 Total Foreign Exchange Change in Book/ Adjusted Carrying Value			
.....	TREA Campus Pointe 5 LLC .....	.....	.....	DE.....	.....	.....	07/26/2019 .....	.....	33,781,057	33,781,057	(33,194,951)					(8,664)		0.450
.....	TREA Campus Pointe 6 LLC .....	.....	.....	DE.....	.....	.....	07/09/2019 .....	.....	142,010,573	142,010,573	(30,744,580)					5,067,204		0.450
.....	TREA 4th and Madison Investor Member LLC .....	.....	.....	DE.....	.....	.....	09/26/2019 .....	.....	430,518	430,518	39,820,751					1,073,056		0.510
.....	TREA Industrial Road Investor Member LLC .....	.....	.....	DE.....	.....	.....	12/06/2019 .....	.....	6,327	6,327	(79,193)							0.980
.....	TREA Fairfield Tolenas Development Investor Member LLC .....	.....	.....	DE.....	.....	.....	06/23/2020 .....	.....			(2,017,220)					(539)		0.950
.....	TREA Juniper Investor Member LLC .....	.....	.....	DE.....	.....	.....	11/13/2020 .....	.....	185,468,552	185,468,552	(28,356,567)					13,137,352		0.500
.....	TREA Forum at Carlsbad Member .....	.....	.....	DE.....	.....	.....	08/27/2021 .....	.....	36,608,696	36,608,696	(9,080,671)					(8,411)		0.500
.....	TREA Self Storage Investor Member IV LLC .....	.....	.....	DE.....	.....	.....	06/04/2021 .....	.....	491,762,211	491,762,211	(25,872,192)					20,405,640		0.900
.....	TREA MCCC Investor Member LLC .....	.....	.....	DE.....	.....	.....	10/01/2021 .....	.....	42,808,627	42,808,627	10,742,451					(842)		0.500
.....	TREA The Row at the Stadium Investor Member .....	.....	.....	DE.....	.....	.....	05/21/2021 .....	.....	62,243,555	62,243,555	2,281,195					2,655,106		0.990
.....	TREA European Investment Holdco LP .....	.....	.....	DE.....	.....	.....	11/15/2021 .....	.....	38,245,635	38,245,635	(23,925,635)							0.510
.....	TREA SV MOB Investor Member I LLC .....	.....	.....	DE.....	.....	.....	12/22/2021 .....	.....	229,768,675	229,768,675	(26,027,923)					7,625,329		0.980
.....	TREA Fairfield Tolenas Dev Inv Mem LLC .....	.....	.....	DE.....	.....	.....	08/02/2022 .....	.....	102,328,883	102,328,883	(27,236,794)					416,792		0.000
.....	TREA Self Storage Investor Member .....	.....	.....	DE.....	.....	.....	07/21/2022 .....	.....	82,455,309	82,455,309	(6,099,137)					2,590,190		0.900
.....	TREA Carson Station Investor Member LLC .....	.....	.....	DE.....	.....	.....	02/18/2022 .....	.....	29,195,739	29,195,739	(3,282,503)					(830)		0.750
.....	TREA Baytown 10 CC Investor Member LLC .....	.....	.....	DE.....	.....	.....	03/30/2022 .....	.....	50,507,452	50,507,452	15,887,190					(10,621)		0.950
.....	TREA Cane Bay Investor Member LLC .....	.....	.....	DE.....	.....	.....	06/03/2022 .....	.....	18,557,872	18,557,872	(3,630,514)					(3,616)		0.900
.....	TREA Cave Creek Investor Member LLC .....	.....	.....	DE.....	.....	.....	06/10/2022 .....	.....	26,972,543	26,972,543	(4,260,559)					(2,477)		0.900
.....	TREA SV MOB Investor Member II LLC .....	.....	.....	DE.....	.....	.....	06/14/2022 .....	.....	42,162,615	42,162,615	(3,372,527)					2,080,571		0.950
.....	TREA Conyers Investor Member LLC .....	.....	.....	DE.....	.....	.....	08/24/2022 .....	.....	29,835,334	29,835,334	7,021,250					(4,453)		0.900
2299999. Joint Venture Interests - Real Estate - Affiliated										8,032,766,451	8,032,766,451	(1,292,773,646)				194,089,990		XXX	
6099999. Total - Unaffiliated										1,678,802,475	1,678,802,475	(176,726,390)				35,496,301		XXX	
6199999. Total - Affiliated										8,032,766,451	8,032,766,451	(1,292,773,646)				194,089,990		XXX	
6299999 - Totals										9,711,568,926	9,711,568,926	(1,469,500,035)				229,586,291		XXX	

1. Line Number Book/Adjusted Carrying Value by NAIC Designation Category Footnote:
 1A 1A ..\$ 1B ..\$ 1C ..\$ 1D ..\$ 1E ..\$ 1F ..\$ 1G ..\$
 1B 2A ..\$ 2B ..\$ 2C ..\$
 1C 3A ..\$ 3B ..\$ 3C ..\$
 1D 4A ..\$ 4B ..\$ 4C ..\$
 1E 5A ..\$ 5B ..\$ 5C ..\$
 1F 6 ..\$

E07.1

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE BA - PART 2

Showing Other Long-Term Invested Assets ACQUIRED AND ADDITIONS MADE December 31 of Current Year

1 CUSIP Identification	2 Name or Description	Location		5 Name of Vendor or General Partner	6 Date Originally Acquired	7 Type and Strategy	8 Actual Cost at Time of Acquisition	9 Additional Investment Made After Acquisition	10 Amount of Encumbrances	11 Percentage of Ownership
		3 City	4 State							
	One Boston Place Real Estate Investment Trust		MD		12/03/2002			4,176,443		0.500
	CA-Colorado Center Limited Partnership		DE		07/30/2004			34,397		0.750
	Taconic New York City GP Fund LP		DE		06/30/2015			4,200,000		0.600
	LCS SHIP Venture I, LLC		DE		06/30/2018			2,539,646		0.900
	IDR - Core Property Index Fund		DE		12/15/2019					0.030
	Veritas		DE		08/01/2019			5,483,114		0.900
	Seavest Investment		DE		08/20/2019			229,841		0.620
	Flagler		DE		03/01/2020					0.900
	JCR		DE		01/01/2020			23,000,000		0.400
	Silverpeak		DE		02/01/2020			25,501,115		0.900
	Townsend		DE		08/01/2020			27,500,000		0.990
	Grubb Southeast Real Estate Fund VI, LLC		DE		12/20/2019					0.670
	Colony Zeus Partners LP		DE					35,783,801		0.340
2199999. Joint Venture Interests - Real Estate - Unaffiliated								128,448,356		XXX
	Teachers REA LLC		DE	Various	04/14/1998			(107,240,371)		1.000
	TREA Infill Industrial Houston LLC		DE	Various	02/20/2019			105,736		1.000
	Seneca Industrial Holdings LLC		DE	Bristol Industrial I, LLC	12/14/2007			3,041,374		1.000
	Walnut Street Retail Investors LP		DE	T-C Walnut Street GP LLC	09/16/2013			750,145		1.000
	TREA 32 South State Street LLC		DE		11/09/2016					1.000
	TREA One Beeman Street LLC		DE							1.000
	MIMA Investor Member LLC		DE	Whitehall Parallel Global Real Estate LP and MSD 42, LLC	11/13/2012			15,161		0.700
	TIAA Florida Mall LLC		DE	Simon	04/30/2002			34,191		0.500
	TIAA Miami International Mall, LLC		DE	Simon	04/30/2002			20,286		0.500
	Teachers REA II		DE	Extra Space Storage	04/28/1998			22,354		1.000
	TIAA Florida Retail LLC		DE	Weingarten Realty Investors	10/11/2006			10,066		0.800
	TREA Retail Property Portfolio 2006 LLC		DE	Developers Diversified Realty Corp	02/27/2007			3,487,400		1.000
	T-C Four Oaks Place LLC		DE	Allianz	10/01/2008					1.000
	T-C Four Oaks General Partner LLC		DE	Allianz	12/01/2012					1.000
	T-C Valencia Town Center Limited Partner LLC		DE	LNR VTC GP	12/20/2012			23,290		0.500
	T-C Valencia Town Center General Partner LLC		DE	LNR VTC GP	12/20/2012					1.000
	T-C 401 West 14th Street Member, LLC		DE	LVF 401 West 14th LLC	01/08/2014			3,622		0.420
	T-C Foundry Square II Member LLC		DE	405 Howard LLC	09/04/2014					1.000
	TREA Campus Pointe 2, LLC		DE	Alexandria Real Estate	06/29/2016			21,079,317		0.450
	TREA Fashion Show Investor Member LLC		DE	Brookfield Property Partners	07/29/2016			49,885		0.500
	TREA Hub Investor Member LLC		DE	Brickman 34th Street LIC LLC	08/12/2016			242,103		0.950
	TREA 817 Broadway Investor Member LLC		DE	Frankel Realty LLC	11/21/2016			6,153,585		0.610
	TREA Campus Pointe 1, LLC		DE	Alexandria Real Estate	12/15/2016			13,505		0.450
	TREA Self Storage Investor Member LLC		DE	Extra Space Storage	11/30/2017			20,500		0.900
	TREA 9625 Town Center, LLC		DE	Alexandria Real Estate	12/19/2017			812,209		0.500
	TREA Campus Pointe 4, LLC		DE	Alexandria Real Estate	12/28/2017			104,542		0.450
	TREA Student Housing JV Investor Member LLC		DE	Priess	05/11/2018			40,047,234		0.970
	TREA SH Investor Member, LLC		DE	State of Michigan Employee Retirement System	11/29/2018			35,898		0.970
	T-C 501 Boylston Street Member LLC		DE	NBIM	08/21/2018			4,313,610		1.000
	TREA 440 Ninth Avenue Investor Member LLC		DE	Taconic	12/06/2018			5,463		0.890
	Storage Portfolio III		DE		02/22/2019			23,700		0.900
	TREA 101 North Tryon Investor Member LLC		DE		06/14/2019			15,914,507		0.850
	I-35 Logistics Investor Member LLC		DE		06/04/2019			58,548		0.950
	TREA Campus Pointe 5 LLC		DE		07/26/2019			29,900,980		0.450
	TREA Campus Pointe 6 LLC		DE		07/09/2019			15,923		0.450
	TREA 4th and Madison Investor Member LLC		DE		09/26/2019			483,779		0.510
	TREA Fairfield Tolenas Development Investor Member LLC		DE		06/23/2020			89		0.950
	TREA Juniper Investor Member LLC		DE		11/13/2020			213,061		0.500
	TREA Industrial Road Investor Member LLC		DE		12/06/2019					0.980
	TREA Forum at Carlsbad Member		DE		08/27/2021			8,411		0.500

E08

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE BA - PART 2

Showing Other Long-Term Invested Assets ACQUIRED AND ADDITIONS MADE December 31 of Current Year

1 CUSIP Identification	2 Name or Description	Location		5 Name of Vendor or General Partner	6 Date Originally Acquired	7 Type and Strategy	8 Actual Cost at Time of Acquisition	9 Additional Investment Made After Acquisition	10 Amount of Encumbrances	11 Percentage of Ownership
		3 City	4 State							
.....	TREA Self Storage Investor Member IV LLC .....	.....	DE.....	.....	...06/04/2021...	.....	.....	..... 63,829 .....	.....	..... 0.900
.....	TREA MCC3 Investor Member LLC .....	.....	DE.....	.....	...10/01/2021...	.....	.....	..... 16,247,232 .....	.....	..... 0.500
.....	TREA The Row at the Stadium Investor Member .....	.....	DE.....	.....	...05/21/2021...	.....	.....	..... 3,634 .....	.....	..... 0.990
.....	TREA European Investment Holdco LP .....	.....	DE.....	.....	...11/15/2021...	.....	.....	..... 32,756,182 .....	.....	..... 0.510
.....	TREA SV MOB Investor Member I LLC .....	.....	DE.....	.....	...12/22/2021...	.....	.....	..... 28,309 .....	.....	..... 0.980
.....	TREA Sun Investor Member LLC .....	.....	DE.....	.....	...08/02/2022...	.....	.....	..... 735,249 .....	.....	..... 0.000
.....	TREA Self Storage Investor Member .....	.....	DE.....	.....	...07/21/2022...	.....	.....	..... 2,055,730 .....	.....	..... 0.900
.....	TREA Carson Station Investor Member LLC .....	.....	DE.....	.....	...02/18/2022...	.....	.....	..... 1,673,032 .....	.....	..... 0.750
.....	TREA Baytown 10 CC Investor Member LLC .....	.....	DE.....	.....	...03/30/2022...	.....	.....	..... 12,424,521 .....	.....	..... 0.950
.....	TREA Cane Bay Investor Member LLC .....	.....	DE.....	.....	...06/03/2022...	.....	.....	..... 13,505,548 .....	.....	..... 0.900
.....	TREA Cave Creek Investor Member LLC .....	.....	DE.....	.....	...06/10/2022...	.....	.....	..... 13,899,680 .....	.....	..... 0.900
.....	TREA SV MOB Investor Member II LLC .....	.....	DE.....	.....	...06/14/2022...	.....	.....	..... 15,324 .....	.....	..... 0.950
.....	TREA Conyers Investor Member LLC .....	.....	DE.....	.....	...07/07/2022...	.....	.....	..... 16,236,360 .....	.....	..... 0.900
2299999. Joint Venture Interests - Real Estate - Affiliated								129,414,729		XXX
6099999. Total - Unaffiliated								128,448,356		XXX
6199999. Total - Affiliated								129,414,729		XXX
6299999 - Totals								257,863,085		XXX

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS 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 Year

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 Encum- brances, Prior Year	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	
		3 City	4 State					9 Unrealized Valuation Increase/ (De- crease)	10 Current Year's (Depre- ciation) or (Amorti- zation)/ Accretion	11 Current Year's Other- Than- Tempo- rary 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							
2199999. Joint Venture Interests - Real Estate - Unaffiliated																				
	I-35 Logistics Investor Member LLC					04/26/2023	53,498,273													
	TREA 9625 Town Center, LLC					06/21/2023	81,836,000													
	T-C Valencia Town Center Limited Partner LLC					09/01/2023	111,136,748													
	TREA 4th and Madison Investor Member LLC					12/22/2023	272,340,000													
2299999. Joint Venture Interests - Real Estate - Affiliated							518,811,021													
6099999. Total - Unaffiliated																				
6199999. Total - Affiliated							518,811,021													
6299999 - Totals							518,811,021													

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	Code	For	Bond Char	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
06644E-AG-3	GOVERNMENT NATIONAL MORTGAGE			4	1.A	9,784,810	103.8050	9,861,430	9,500,000	9,745,531		(39,275)			6.260	5.562	MON	49,558	396,467	03/30/2023	03/15/2056
36202F-W3-6	G2 5166			4	1.A	2,200	97.6310	2,036	2,085	2,127		(13)			3.000	1.276	MON	5	63	07/11/2016	09/20/2026
36202F-ZU-3	G2 5255			4	1.A	18,934	97.4020	17,676	18,148	18,449		(86)			3.000	1.612	MON	45	544	07/01/2013	12/20/2026
3620A2-XC-5	GN 717175			4	1.A	51,097	99.7820	47,881	47,986	50,748		(76)			4.500	3.439	MON	180	2,159	11/12/2010	06/15/2039
3620AS-VD-8	GN 738712			4	1.A	17,613	97.5380	16,401	17,102	17,102		(96)			3.000	1.528	MON	42	504	07/11/2016	09/15/2026
38375C-KL-3	GNR 2012-50 MA EXCH AD PAC-11			4	1.A	4,210	97.8740	3,812	3,895	3,946		(33)			3.500	1.681	MON	11	136	08/13/2012	03/20/2041
38377Y-CB-4	GNR 2011-128 BJ EXCH PT			4	1.A	12,530	97.6050	11,886	12,177	12,285		(38)			2.500	1.608	MON	25	304	07/11/2016	09/16/2026
38377Y-LQ-1	GNR 2011-124 A SC PT			4	1.A	31,190	98.7460	28,885	29,252	29,732		(206)			4.000	2.437	MON	98	1,170	12/13/2011	06/16/2039
38377Y-XM-7	GNR 2011-135 KA PAC-1-11			4	1.A	9,125	92.7840	8,071	8,698	9,005		(22)			3.000	2.037	MON	22	261	12/30/2011	10/16/2041
38378D-C3-7	GNR 2012-31 PG PAC-11			4	1.A	5,834	94.0180	5,467	5,815	5,823		(2)			2.000	1.902	MON	10	116	03/29/2012	01/20/2042
38378G-NG-9	GNR 2012-146 PC EXCH AD PAC-11			4	1.A	24,564	87.4040	20,985	24,009	24,445		(20)			2.000	1.620	MON	40	480	01/03/2013	12/20/2042
38378H-QM-1	GNR 2012-108 KA EXCH AD PAC-11			4	1.A	244,151	85.5320	210,172	245,724	244,410		46			1.500	1.587	MON	307	3,686	07/11/2016	08/16/2042
0029999999. Subtotal - Bonds - U.S. Governments - Residential Mortgage-Backed Securities						10,206,258	XXX	10,234,702	9,914,604	10,163,603		(39,821)			XXX	XXX	XXX	50,343	405,890	XXX	XXX
0109999999. Total - U.S. Government Bonds						10,206,258	XXX	10,234,702	9,914,604	10,163,603		(39,821)			XXX	XXX	XXX	50,343	405,890	XXX	XXX
67077M-AT-5	NUTRIEN LTD		A	1	2.B FE	5,820,111	97.9350	5,857,515	5,981,000	5,851,370		21,308			4.200	4.671	AO	62,801	251,202	07/13/2022	04/01/2029
78016E-YH-4	ROYAL BANK OF CANADA SERIES GMTN		A		1.E FE	7,413,706	84.2930	6,603,502	7,834,000	7,485,436		38,977			2.300	2.940	MN	29,029	180,182	02/18/2022	11/03/2031
89115A-2H-4	TORONTO DOMINION BANK SERIES MTN		A		1.E FE	5,000,000	99.9890	4,999,467	5,000,000	5,000,000					4.693	4.693	MS	68,440	234,650	09/08/2022	09/15/2027
29134W-AB-3	ABU DHABI GOVT INT'L SR UNSEC		D		1.C FE	2,992,590	96.9050	2,907,150	3,000,000	2,998,055		789			3.125	3.154	MN	15,104	93,750	04/25/2016	05/03/2026
302154-DC-0	EXPORT IMPORT BANK KOREA		D		1.C FE	1,199,532	93.3640	1,120,368	1,200,000	1,199,843		90			0.750	0.758	MS	2,500	9,000	09/14/2020	09/21/2025
471068-AP-1	JAPAN FIN ORG MUNICIPAL SR UNSEC		D		1.E FE	2,492,050	99.4780	2,486,950	2,500,000	2,499,668		1,676			3.000	3.069	MS	22,708	75,000	03/05/2019	03/12/2024
74727P-AU-5	STATE OF QATAR SR UNSEC		D		1.D FE	2,053,482	97.1300	2,015,448	2,075,000	2,069,121		2,295			3.250	3.373	JD	5,432	67,438	05/25/2016	06/02/2026
78392B-AB-3	SK HYNIX INC SERIES 144A SERIES 144A		D		2.C FE	3,993,830	92.1040	3,684,152	4,000,000	3,997,192		1,339			1.500	1.535	JJ	27,000	60,000	08/05/2021	01/19/2026
0219999999. Subtotal - Bonds - All Other Governments - Issuer Obligations						30,965,301	XXX	29,674,552	31,590,000	31,100,685		66,474			XXX	XXX	XXX	233,014	971,222	XXX	XXX
0309999999. Total - All Other Government Bonds						30,965,301	XXX	29,674,552	31,590,000	31,100,685		66,474			XXX	XXX	XXX	233,014	971,222	XXX	XXX
20772K-OP-7	CONNECTICUT ST SERIES A				1.D FE	5,000,000	97.6700	4,883,485	5,000,000	5,000,000					4.110	4.110	JD	9,133	205,500	05/26/2022	06/15/2031
419792-K3-9	HAWAII ST SERIES GK				1.C FE	3,615,000	104.9250	3,793,047	3,615,000	3,615,000					5.201	5.201	AO	47,004	171,826	10/20/2022	10/01/2032
0419999999. Subtotal - Bonds - U.S. States, Territories and Possessions - Issuer Obligations						8,615,000	XXX	8,676,532	8,615,000	8,615,000					XXX	XXX	XXX	56,137	377,326	XXX	XXX
0509999999. Total - U.S. States, Territories and Possessions Bonds						8,615,000	XXX	8,676,532	8,615,000	8,615,000					XXX	XXX	XXX	56,137	377,326	XXX	XXX
010878-BL-9	ALAMEDA CNTY CA SERIES B				1.A FE	3,260,000	94.9770	3,096,244	3,260,000	3,260,000					3.749	3.749	FA	50,924	114,409	08/10/2022	08/01/2032
442331-2Z-6	HOUSTON TX City of Houston TX 3.178 03/01				1.D FE	1,850,000	99.6280	1,843,114	1,850,000	1,850,000					3.178	3.178	MS	19,598	58,793	12/20/2017	03/01/2024
442331-3D-4	HOUSTON TX City of Houston TX 3.525 03/01				1.D FE	1,020,000	97.0610	990,027	1,020,000	1,020,000					3.525	3.525	MS	11,985	35,955	12/20/2017	03/01/2028
0619999999. Subtotal - Bonds - U.S. Political Subdivisions - Issuer Obligations						6,130,000	XXX	5,929,385	6,130,000	6,130,000					XXX	XXX	XXX	82,507	209,157	XXX	XXX
0709999999. Total - U.S. Political Subdivisions Bonds						6,130,000	XXX	5,929,385	6,130,000	6,130,000					XXX	XXX	XXX	82,507	209,157	XXX	XXX
01026C-AC-5	ALABAMA ECON SETTLEMENT AUTH B Alabama Economic Settlement 3.16			1	1.G FE	1,940,000	97.6730	1,894,856	1,940,000	1,940,000					3.163	3.163	MS	18,068	61,362	12/02/2016	09/15/2025
235036-6R-6	DALLAS FORT WORTH TX INTERNATI SERIES C				1.E FE	2,295,000	87.5930	2,010,253	2,295,000	2,295,000					2.046	2.046	MN	7,826	46,956	07/31/2020	11/01/2029
235036-8E-3	DALLAS FORT WORTH TX INTERNATI SERIES C				1.E FE	11,645,000	85.9360	10,007,245	11,645,000	11,645,000					2.141	2.141	MN	41,553	249,319	10/28/2021	11/01/2030
283062-EN-3	EL DORADO CA IRR DIST REVENUE SERIES D				1.D FE	6,000,000	84.6260	5,077,544	6,000,000	6,000,000					1.627	1.627	MS	32,540	97,620	07/29/2020	03/01/2030
341271-AF-1	FLORIDA ST BRD OF ADMIN FIN CO SERIES A				1.C FE	4,010,000	85.4010	3,424,571	4,010,000	4,010,000					2.154	2.154	JJ	43,188	86,375	09/03/2020	07/01/2030
516391-DN-6	LANSING MICH BRD WTR & LT UTIL SERIES B		2		1.D FE	3,000,000	90.2520	2,707,565	3,000,000	3,000,000					2.740	2.740	JJ	41,100	125,200	12/13/2019	07/01/2030
576051-ZP-4	MASSACHUSETTS ST WTR RESOURCES SERIES C				1.B FE	6,000,000	84.6600	5,079,606	6,000,000	6,000,000					2.090	2.090	FA	52,250	82,400	12/10/2021	08/01/2031
592041-WJ-2	Government N 4.05			1	1.F FE	1,755,000	98.2000	1,723,411	1,755,000	1,755,000					4.053	4.053	JJ	35,565	71,130	03/18/2016	07/01/2026

E10

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
64972E-MC-0	NEW YORK NY CITY HSG DEV CORP LOCAL MF HSG			2	1.C FE	510,000	.89.0750	454,283	510,000	510,000					2.973	2.973	MN	2,527	15,162	12/06/2019	05/01/2030
79467B-DE-2	SALES TAX SECURITIZATION CORP SERIES B				1.D FE	650,000	.88.9390	578,104	650,000	650,000					2.857	2.857	JJ	9,285	18,571	01/17/2020	01/01/2031
977100-HC-3	WISCONSIN ST GEN FUND ANNUAL A SERIES A				1.C FE	1,465,000	.88.9220	1,302,706	1,465,000	1,465,000					2.399	2.399	MN	5,858	35,145	01/29/2020	05/01/2030
0819999999	Subtotal - Bonds - U.S. Special Revenues - Issuer Obligations					39,270,000	XXX	34,260,144	39,270,000	39,270,000					XXX	XXX	XXX	289,760	889,240	XXX	XXX
312800-DK-0	FG J19106			4	1.A	17,020	.97.2810	15,609	16,045	16,440		(93)			3.000	1.216	MON	40	481	11/20/2012	05/01/2027
3136A5-LA-2	FNR 2012-35 PL AD PAC-11			4	1.A	13,408	.91.4700	12,287	13,433	13,411					2.000	2.019	MON	22	269	04/27/2012	11/25/2041
3136AC-US-8	FNR 2013-15 EP EXCH AD PAC-11			4	1.A	194,079	.96.3370	176,399	183,107	189,389		(769)			3.500	2.205	MON	534	6,409	12/16/2014	08/25/2042
3136AD-DA-4	FNR 2013-23 NH EXCH PT			4	1.A	69,597	.95.6520	65,154	68,116	68,728		(133)			2.000	1.396	MON	114	1,363	04/03/2013	03/25/2028
3136AN-JJ-2	FNR 2015-19 CA EXCH SEQ			4	1.A	298,881	.97.3090	275,852	283,481	286,522		(1,150)			3.500	2.544	MON	827	9,922	06/23/2015	01/25/2043
3136AR-ZG-6	FNR 2016-21 BA EXCH SEQ			4	1.A	12,811	.99.1930	12,322	12,423	12,420		(52)			3.000	2.246	MON	31	373	03/09/2016	03/25/2042
3137AK-V3-2	FHR 3981 PA PAC-11			4	1.A	2,813	.98.1880	2,641	2,690	2,711		(14)			3.000	1.860	MON	7	81	04/12/2012	04/15/2031
3137B2-QL-7	FHR 4212 LA PAC-11			4	1.A	75,662	.98.6200	72,056	73,064	73,255		(295)			3.000	2.161	MON	183	2,192	07/11/2016	10/15/2039
3137BG-6G-9	FHR 4428 LA SC SEQ			4	1.A	88,338	.96.8950	82,622	85,270	86,157		(271)			3.000	2.231	MON	213	2,558	02/10/2015	06/15/2039
3137BM-2F-2	FHR 4526 MH PAC-1-11			4	1.A	95,566	.94.5420	87,772	92,839	93,834		(111)			3.000	2.617	MON	232	2,785	12/09/2015	02/15/2044
3137BM-SF-4	FHR 4547 A SEQ			4	1.A	1,682	.99.7520	1,622	1,625	1,625		(9)			3.000	2.222	MON	4	49	05/23/2016	12/15/2041
3137BN-E8-3	FHR 4565 DM EXCH SEQ			4	1.A	28,009	.99.5920	26,846	26,956	26,945		(140)			3.000	2.074	MON	67	809	05/19/2016	02/15/2042
3138A2-CK-3	FNMA AH0973			4	1.A	19,612	.98.6740	18,206	18,450	18,788		(147)			4.000	1.637	MON	62	738	07/11/2016	12/01/2025
3138EA-EF-0	FNMA AK5533			4	1.A	4,033	.97.1080	3,639	3,748	3,864		(27)			3.500	1.208	MON	11	131	05/21/2012	03/01/2027
3138EH-TA-0	FNMA AL1444			4	1.A	26,682	.97.2170	24,361	25,058	25,675		(167)			3.000	1.103	MON	63	752	02/15/2013	02/01/2027
3138MB-LL-8	FNMA AP7530			4	1.A	13,234	.96.3420	12,145	12,606	12,873		(63)			2.500	1.134	MON	26	315	07/11/2016	09/01/2027
31416X-OT-0	FNMA AB2265			4	1.A	44,740	.97.0800	39,620	40,812	44,185		(101)			3.000	2.398	MON	136	1,633	01/09/2013	02/01/2041
31418D-FN-7	FNMA POOL MA3772			4	1.A	961,598	.95.5260	886,044	927,540	958,985		(870)			3.500	2.854	MON	2,705	32,464	09/24/2019	09/01/2039
31418D-GJ-5	FNMA POOL MA3800			4	1.A	901,130	.93.0840	818,353	879,151	899,420		(639)			3.000	2.566	MON	2,198	26,374	10/09/2019	10/01/2039
31418D-HJ-4	FNMA POOL MA3832			4	1.A	939,198	.95.7620	865,319	903,618	936,862		(689)			3.500	2.748	MON	2,636	31,627	12/03/2019	11/01/2039
31418D-SS-2	FNMA POOL MA4128			4	1.A	14,914,405	.86.0870	12,437,131	14,447,131	14,867,896		(17,194)			2.000	1.553	MON	24,079	288,943	09/09/2020	09/01/2040
31418D-TJ-1	FNMA POOL MA4152			4	1.A	16,357,925	.86.0870	13,637,142	15,841,099	16,301,802		(20,284)			2.000	1.564	MON	26,402	316,822	09/09/2020	09/01/2040
31418D-US-9	FNMA POOL MA4203			4	1.A	11,911,781	.89.0410	10,138,125	11,385,918	11,864,200		(13,649)			2.500	1.782	MON	23,721	284,648	10/28/2020	11/01/2040
31418D-U8-3	FNMA POOL MA4206			4	1.A	12,346,373	.90.2090	10,730,936	11,895,640	12,278,956		(24,138)			2.000	1.330	MON	19,826	237,913	10/28/2020	11/01/2035
0829999999	Subtotal - Bonds - U.S. Special Revenues - Residential Mortgage-Backed Securities					59,338,577	XXX	50,442,203	57,239,821	59,084,943		(81,005)			XXX	XXX	XXX	104,139	1,249,651	XXX	XXX
0909999999	Total - U.S. Special Revenues Bonds					98,608,577	XXX	84,702,347	96,509,821	98,354,943		(81,005)			XXX	XXX	XXX	393,899	2,138,891	XXX	XXX
001055-BJ-0	AFLAC INC			1	1.G FE	1,097,162	.94.4190	1,038,611	1,100,000	1,098,109		265			3.600	3.631	AO	9,900	39,600	03/30/2020	04/01/2030
00108W-AM-2	AEP TEXAS INC SERIES I			1	2.A FE	3,560,593	.83.8870	2,998,952	3,575,000	3,565,290		1,378			2.100	2.145	JJ	37,538	75,075	06/29/2020	07/01/2030
0010EP-AN-8	AEP TEXAS INC SR UNSEC			1	2.A FE	519,860	.97.1340	509,956	525,000	523,955		566			3.850	3.969	AO	5,053	20,213	09/15/2015	10/01/2025
00115A-AE-9	AEP TRANSMISSION CO LLC SR UNSEC			2	1.F FE	324,388	.96.0760	312,247	325,000	324,795		66			3.100	3.123	JD	840	10,575	05/18/2017	12/01/2026
00206R-HJ-4	AT&T INC SR UNSEC			2	2.B FE	1,019,957	.98.6910	1,011,581	1,025,000	1,022,140		482			4.350	4.411	MS	14,863	44,078	02/13/2019	03/01/2029
00206R-JY-9	AT&T INC			1	2.B FE	10,502,400	.87.6680	8,766,766	10,000,000	10,359,841		(45,999)			2.750	2.203	JD	22,917	275,000	10/27/2020	06/01/2031
00206R-KG-6	AT&T INC			1	2.B FE	3,845,149	.89.0500	3,428,432	3,850,000	3,847,423		605			1.650	1.667	FA	26,469	63,525	07/27/2020	02/01/2028
002824-BF-6	ABBOTT LABORATORIES SR UNSEC			1	1.D FE	2,245,171	.98.5240	2,228,619	2,262,000	2,256,440		1,771			3.750	3.840	MN	7,304	84,825	11/17/2016	11/30/2026
002824-BP-4	ABBOTT LABORATORIES			1	1.D FE	6,334,838	.89.1440	5,682,920	6,375,000	6,352,994		5,229			1.150	1.237	JJ	30,751	73,313	06/22/2020	01/30/2028
002824-BQ-2	ABBOTT LABORATORIES			1	1.D FE	492,835	.84.6130	423,064	500,000	495,229		693			1.400	1.555	JD	119	3,500	06/22/2020	06/30/2030
00287Y-AQ-2	ABBVIE INC SR UNSEC			1	1.G FE	873,469	.98.1890	859,155	875,000	874,757		376			3.600	3.621	MN	4,113	31,500	05/05/2015	05/14/2025
00287Y-AY-5	ABBVIE INC SR UNSEC			1	1.G FE	921,467	.96.9180	896,493	925,000	924,059		370			3.200	3.245	MN	3,864	29,600	05/09/2016	05/14/2026
00287Y-BF-5	ABBVIE INC SR UNSEC			2	1.G FE	892,305	.99.4710	895,235	900,000	895,936		734			4.250	4.354	MN	4,994	38,250	09/13/2018	11/14/2028
00287Y-CX-5	ABBVIE INC SERIES III			1	2.C FE	2,142,740	.98.6350	1,972,706	2,000,000	2,034,337		(35,369)			3.800	1.969	MS	22,378	76,000	11/17/2020	03/15/2025

E10.1

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
009144-AF-9	AIR LEASE CORP SERIES MTN	1			2.B FE	2,968,890	.96	2,894,296	3,000,000	2,992,989		6,302		2,300	2.520	FA	28,750	69,000		01/07/2020	02/01/2025
009158-BC-9	AIR PRODUCTS & CHEMICALS	1			1.F FE	7,287,120	.87	6,990,150	8,000,000	7,413,854		79,558		2,050	3.317	MM	20,956	164,000		05/23/2022	05/15/2030
010392-FU-7	ALABAMA POWER CO SERIES 20 A	1			1.E FE	3,782,672	.80	3,066,760	3,800,000	3,788,164		1,664		1,450	1.499	MS	16,224	55,100		08/24/2020	09/15/2030
015271-AJ-8	ALEXANDRIA REAL ESTATE E CO.GUARNT	1			2.A FE	6,499,564	.96	6,165,342	6,375,000	6,419,205		(14,722)		3,950	3.687	JJ	116,114	251,813		01/04/2018	01/15/2027
015271-AL-3	ALEXANDRIA REAL ESTATE E CO.GUARNT	1			2.A FE	848,411	.97	830,675	850,000	849,684		229		3,450	3.479	AO	4,969	29,325		11/09/2017	04/30/2025
015271-AP-4	ALEXANDRIA REAL ESTATE E CO.GUARNT	2			2.A FE	4,994,650	.97	4,858,504	5,000,000	4,998,158		756		3,800	3.817	AO	40,111	190,000		03/12/2019	04/15/2026
015271-AT-6	ALEXANDRIA REAL ESTATE E CO.GUARNT	1			2.A FE	3,444,549	.87	3,032,700	3,450,000	3,446,806		487		2,750	2.767	JD	4,217	94,875		09/03/2019	12/15/2029
023608-AG-7	AMEREN CORP SR UNSEC	1			2.A FE	999,110	.97	971,204	1,000,000	999,778		99		3,650	3.661	FA	13,789	36,500		11/17/2015	02/15/2026
02361D-AV-2	AMEREN ILLINOIS CO	1			1.F FE	5,989,760	.81	5,693,066	7,000,000	6,169,041		105,159		1,550	3.510	MM	13,864	108,500		04/07/2022	11/15/2030
02361D-AY-6	AMEREN ILLINOIS CO	1			1.F FE	6,987,890	.93	6,524,311	7,000,000	6,989,270		1,029		3,850	3.871	MS	89,833	270,997		08/15/2022	09/01/2032
025816-CW-7	AMERICAN EXPRESS CO	2			1.F FE	3,992,520	.98	3,959,100	4,000,000	3,994,111		968		4,050	4.081	MM	26,100	162,000		04/28/2022	05/03/2029
02665W-EB-3	AMERICAN HONDA FINANCE SERIES MTN	1			1.G FE	6,285,720	.90	6,322,853	7,000,000	6,423,439		101,372		2,250	4.078	JJ	73,500	157,500		08/17/2022	01/12/2029
03027X-AZ-3	AMERICAN TOWER CORP	1			2.C FE	4,995,250	.96	4,830,392	5,000,000	4,998,887		900		2,400	2.419	MS	35,333	120,000		01/07/2020	03/15/2025
03027X-BB-5	AMERICAN TOWER CORP	1			2.C FE	4,537,215	.93	4,257,121	4,550,000	4,545,808		2,413		1,300	1.355	MS	17,416	59,150		06/01/2020	09/15/2025
03027X-BG-4	AMERICAN TOWER CORP	1			2.C FE	3,608,833	.81	3,613,354	3,625,000	3,613,755		1,535		1,875	1.924	AO	14,349	67,969		03/23/2020	10/15/2030
03040W-AK-1	AMERICAN WATER CAPITAL C SR UNSEC	1			2.A FE	996,010	.99	996,561	1,000,000	999,922		463		3,850	3.898	MS	12,833	38,500		11/08/2013	03/01/2024
03040W-AS-4	AMERICAN WATER CAPITAL C SR UNSEC	2			2.A FE	4,999,050	.96	4,811,063	5,000,000	4,999,575		82		3,750	3.752	MS	62,500	187,500		08/06/2018	09/01/2028
03040W-AW-5	AMERICAN WATER CAPITAL C	1			2.A FE	921,217	.89	827,683	925,000	922,499		355		2,800	2.847	MM	4,317	25,900		04/08/2020	05/01/2030
03073E-AL-9	AMERISOURCEBERGEN CORP SR UNSEC	1			2.A FE	498,575	.99	495,801	500,000	499,938		164		3,400	3.434	MM	2,172	17,000		05/19/2014	05/15/2024
03076C-AG-1	AMERIPRISE FINANCIAL INC SR UNSEC	1			1.G FE	199,312	.98	197,522	200,000	199,937		77		3,700	3.741	AO	1,562	7,400		09/15/2014	10/15/2024
03076C-AJ-0	AMERIPRISE FINANCIAL INC	1			1.G FE	6,997,592	.99	6,943,146	7,000,000	6,997,916		201		4,500	4.504	MM	42,000	315,000		05/11/2022	05/13/2032
03076C-AM-8	AMERIPRISE FINANCIAL INC	1			1.G FE	5,985,420	103	6,182,401	6,000,000	5,987,230		1,810		5,150	5.179	MM	39,483	211,150		03/06/2023	05/15/2033
03115A-AA-1	AMFAM HOLDINGS INC SERIES 144A	1			2.C FE	3,962,400	.76	3,829,895	5,000,000	4,056,585		94,185		2,805	6.084	MS	42,854	140,250		01/30/2023	03/11/2031
031162-CU-2	AMGEN INC	1			2.A FE	4,998,250	.88	4,433,938	5,000,000	4,998,876		168		2,450	2.454	FA	44,236	122,500		02/18/2020	02/21/2030
031162-CW-8	AMGEN INC	1			2.A FE	4,982,100	.85	4,277,012	5,000,000	4,987,880		1,541		2,300	2.337	FA	40,250	115,000		05/04/2020	02/25/2031
032095-AG-6	AMPHENOL CORP SR UNSEC	1			1.G FE	4,994,400	.99	4,969,038	5,000,000	4,999,779		874		3,200	3.218	AO	40,000	160,000		03/29/2017	04/01/2024
032095-AA-4	AMPHENOL CORP SR UNSEC	2			1.G FE	524,496	.99	523,183	525,000	524,698		48		4,350	4.362	JD	1,903	22,838		01/07/2019	06/01/2029
032095-AL-5	AMPHENOL CORP	1			2.A FE	7,970,720	.84	6,731,472	8,000,000	7,976,889		2,715		2,200	2.241	MS	51,822	176,000		09/07/2021	09/15/2031
032654-AS-4	ANALOG DEVICES INC	1			1.G FE	2,338,156	.97	2,299,597	2,350,000	2,346,860		2,429		2,950	3.060	AO	17,331	69,325		04/06/2020	04/01/2025
032654-AV-7	ANALOG DEVICES INC	1			1.F FE	4,225,690	.85	3,616,764	4,250,000	4,200,694		2,262		2,100	2.164	AO	89,250	89,250		09/28/2020	10/01/2031
032654-BA-2	ANALOG DEVICES INC	1			1.G FE	1,021,864	.97	1,043,170	1,075,000	1,025,680		3,817		3,450	4.911	JD	1,648	18,544		09/18/2023	06/15/2027
035240-AV-2	ANHEUSER BUSCH INBEV WOR	1			1.G FE	3,417,808	.95	3,258,497	3,425,000	3,420,315		640		3,500	3.524	JD	9,990	119,875		04/01/2020	06/01/2030
036752-AP-8	ANTHEM INC	1			2.B FE	6,973,050	.86	6,827,893	7,000,000	6,979,889		2,505		2,550	2.594	MS	52,558	178,500		03/08/2021	03/15/2031
036752-AT-0	ANTHEM INC	1			2.B FE	3,891,030	.95	3,724,447	3,900,000	3,892,349		751		4,100	4.128	MM	20,432	159,900		04/26/2022	05/15/2032
036752-AW-3	ELEVANCE HEALTH INC	1			2.B FE	5,963,040	104	6,274,086	6,000,000	5,996,198		2,778		5,500	5.582	AO	69,667	312,583		10/26/2022	10/15/2032
03740L-AA-0	AON CORP AON GLOBAL HOLD	1			2.A FE	6,979,840	.81	6,870,116	7,000,000	6,994,222		1,886		2,050	2.082	FA	51,022	143,500		08/18/2021	06/23/2031
03740L-AC-6	AON CORP AON GLOBAL HOLD	1			2.A FE	5,041,750	.84	4,239,723	5,000,000	5,033,725		(3,924)		2,600	2.503	JD	10,472	130,000		12/02/2021	12/02/2031
03740L-AD-4	AON CORP AON GLOBAL HOLD	1			2.A FE	5,996,640	.79	4,580,450	6,000,000	5,998,051		537		2,850	2.860	MM	15,675	171,000		02/23/2022	05/28/2027
037833-BY-5	APPLE INC SR UNSEC	1			1.B FE	1,621,425	.97	1,585,462	1,625,000	1,624,133		384		3,250	3.276	FA	18,778	52,813		02/16/2016	02/23/2026
037833-CJ-7	APPLE INC SR UNSEC	1			1.B FE	5,000,000	.97	4,870,061	5,000,000	5,000,000				3,350	3.350	FA	66,069	167,500		02/02/2017	02/09/2027
038222-AL-9	APPLIED MATERIALS INC SR UNSEC	1			1.F FE	1,170,829	.96	1,138,233	1,175,000	1,173,492		432		3,300	3.342	AO	9,694	38,775		03/28/2017	04/01/2027
039482-AB-0	ARCHER DANIELS MIDLAND C	1			1.F FE	5,588,640	.93	5,588,440	6,000,000	5,588,395		46,640		3,250	4.298	MS	50,917	195,000		06/21/2022	03/27/2030
042735-BG-4	ARROW ELECTRONICS INC SR UNSEC	1			2.C FE	1,863,506	.98	1,841,163	1,875,000	1,873,757		1,766		3,250	3.349	MS	19,128	60,938		09/05/2017	09/08/2024
045054-AJ-2	ASSTEAD CAPITAL INC SERIES 144A	1			2.C FE	1,500,000	.94	1,411,345	1,500,000	1,500,000				4,000	4.000	MM	10,000	60,000		10/28/2019	05/01/2028
04621X-AP-3	ASSURANT INC	1			2.B FE	4,998,250	101	5,079,517	5,000,000	4,998,682		432		6,100	6.113	FA	105,056	151,653		02/23/2023	02/27/2026

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
04636N-AE-3	ASTRAZENECA FINANCE LLC	1			1.F FE	6,988,100	.89.4730	6,263,122	7,000,000	6,992,339		1,656			1.750	1.776	MN	11,229	122,500	05/25/2021	05/28/2028
049560-AN-5	ATMOS ENERGY CORP SR UNSEC	1			1.E FE	997,250	.95.2730	952,733	1,000,000	998,959		282			3.000	3.032	JD	1,333	30,000	06/05/2017	06/15/2027
049560-AT-2	ATMOS ENERGY CORP	1			1.G FE	1,518,366	.81.3080	1,239,942	1,525,000	1,520,342		622			1.500	1.546	JJ	10,548	22,875	09/23/2020	01/15/2031
049560-AX-3	ATMOS ENERGY CORP	1			1.G FE	3,445,161	.105.1020	3,626,007	3,450,000	3,445,709		441			5.450	5.468	AO	39,694	194,293	09/27/2022	10/15/2032
05329W-AM-4	AUTONATION INC CO.GUARNT	1			2.C FE	373,736	.97.8970	367,115	375,000	374,738		141			4.500	4.542	AO	4,219	16,875	09/16/2015	10/01/2025
053332-AR-3	AUTOZONE INC SR UNSEC	1			2.B FE	997,310	.97.6360	976,361	1,000,000	999,600		299			3.250	3.282	AO	6,861	32,500	04/20/2015	04/15/2025
053332-AT-9	AUTOZONE INC SR UNSEC	1			2.B FE	799,792	.96.0730	768,582	800,000	799,946		22			3.125	3.128	AO	4,861	25,000	04/18/2016	04/21/2026
053332-BA-9	AUTOZONE INC	1			2.B FE	5,305,915	.81.1180	4,867,055	6,000,000	5,404,314		70,977			1.650	3.188	JJ	45,650	99,000	08/11/2022	01/15/2031
05348E-BG-3	AVALONBAY COMMUNITES SERIES MTN	1			1.G FE	1,997,860	.87.2020	1,744,047	2,000,000	1,998,628		204			2.300	2.312	MS	15,333	46,000	02/10/2020	03/01/2030
05351W-AA-1	AVANGRID INC SR UNSEC	1			2.B FE	1,047,501	.97.7210	1,026,071	1,050,000	1,049,644		378			3.150	3.188	JD	2,756	33,075	11/16/2017	12/01/2024
054561-AJ-4	AXA EQUITABLE HOLDINGS I SR UNSEC	2			2.A FE	3,993,047	.96.5510	3,862,040	4,000,000	3,996,546		715			4.350	4.372	AO	34,317	174,000	01/16/2019	04/20/2028
05523U-AK-6	BAE SYSTEMS HOLDINGS INC CO.GUARNT	1			2.A FE	299,109	.98.6130	295,839	300,000	299,919		102			3.800	3.836	AO	2,660	11,400	09/30/2014	10/07/2024
05531G-AB-7	BB&T CORP SUBORD	2			1.G FE	1,498,515	.93.5080	1,402,613	1,500,000	1,499,156		143			3.875	3.887	MS	16,469	58,125	03/11/2019	03/19/2029
06051G-FX-2	BANK OF AMERICA CORP SR UNSEC	1			1.G FE	1,347,746	.97.3070	1,313,643	1,350,000	1,349,411		242			3.500	3.520	AO	9,450	47,250	04/14/2016	04/19/2026
06051G-GT-0	BANK OF AMERICA CORP SR UNSEC	1			1.G FE	3,000,000	.98.0370	2,941,095	3,000,000	3,000,000					3.093	3.093	AO	23,198	92,790	09/13/2017	10/01/2025
06051G-HQ-5	BANK OF AMERICA CORP SR UNSEC	2			1.G FE	2,700,000	.94.6500	2,555,541	2,700,000	2,700,000					3.974	3.974	FA	42,919	107,298	02/04/2019	02/07/2030
06051G-HR-3	BANK OF AMERICA CORP SR UNSEC	2			1.E FE	2,500,000	.99.5230	2,488,075	2,500,000	2,500,000					3.458	3.458	MS	25,455	86,450	03/12/2019	03/15/2025
06051G-HT-9	BANK OF AMERICA CORP SR UNSEC	2			1.E FE	4,000,000	.96.2450	3,849,791	4,000,000	4,000,000					3.559	3.559	AO	26,890	142,360	04/17/2019	04/23/2027
06051G-HV-4	BANK OF AMERICA CORP SR UNSEC	2			1.G FE	4,181,270	.90.6710	3,785,496	4,175,000	4,178,725		(604)			3.194	3.176	JJ	58,526	133,350	07/18/2019	07/23/2030
06051G-HW-2	BANK OF AMERICA CORP SERIES MTN	1			1.G FE	4,875,000	.97.3750	4,747,047	4,875,000	4,875,000					2.456	2.456	AO	22,948	119,730	10/17/2019	10/22/2025
06406H-CS-6	BANK OF NY MELLON CORP SR UNSEC	1			1.F FE	996,350	.99.7920	997,923	1,000,000	999,960		427			3.650	3.694	FA	14,904	36,500	01/28/2014	02/04/2024
06406R-AF-4	BANK OF NY MELLON CORP SR UNSEC	2			1.F FE	4,997,500	.95.1260	4,756,296	5,000,000	4,998,878		252			3.400	3.406	JJ	71,778	170,000	01/22/2018	01/29/2028
06406R-AN-7	BANK OF NY MELLON CORP SERIES MTN	2			1.F FE	4,748,195	.95.9730	4,558,726	4,750,000	4,749,513		365			1.600	1.608	AO	14,144	76,000	04/17/2020	04/24/2025
06406R-BL-0	BANK OF NY MELLON CORP	2			1.F FE	6,225,000	.103.6780	6,453,976	6,225,000	6,225,000					5.800	5.795	AO	66,193	361,175	10/18/2022	10/25/2028
071813-CS-6	BAXTER INTERNATIONAL INC	1			2.B FE	7,756,395	.83.8410	6,707,297	8,000,000	7,788,874		21,072			2.539	2.888	FA	84,633	203,120	06/10/2022	02/01/2032
07274N-AL-7	BAYER US FINANCE II LLC CO.GUARNT	1			2.B FE	5,273,788	.95.0240	5,036,272	5,300,000	5,286,066		2,463			4.375	4.435	JD	10,306	231,875	06/26/2018	12/15/2028
07330N-AT-2	BRANCH BANKING AND TRUST SERIES BKNT	2			1.F FE	7,562,123	.97.0890	7,354,497	7,575,000	7,572,501		2,634			2.150	2.186	JD	11,310	162,863	12/03/2019	01/06/2024
075887-BF-5	BECTON DICKINSON AND CO SR UNSEC	1			2.B FE	136,440	.98.4260	134,844	137,000	136,934		67			3.734	3.786	JD	227	5,116	08/19/2015	12/15/2024
075887-BV-0	BECTON DICKINSON AND CO SR UNSEC	1			2.B FE	2,266,000	.99.0330	2,244,098	2,266,000	2,266,000					3.363	3.363	JD	5,292	76,206	05/22/2017	06/06/2024
081437-AT-2	BEMIS COMPANY INC	1			2.B FE	475,000	.86.4440	410,607	475,000	475,000					2.630	2.630	JD	416	12,493	06/12/2020	06/19/2030
084659-AT-8	BERKSHIRE HATHAWAY ENERG SERIES WII	1			1.G FE	9,989,522	.98.8670	9,886,666	10,000,000	9,996,660		2,478			4.050	4.077	AO	85,500	405,000	03/03/2021	04/15/2025
084664-CU-3	BERKSHIRE HATHAWAY FIN	1			1.C FE	999,000	.87.0060	870,062	1,000,000	999,359		97			1.850	1.861	MS	5,601	18,500	03/04/2020	03/12/2030
084664-DA-6	BERKSHIRE HATHAWAY FIN	1			1.C FE	6,997,550	.90.1380	6,309,689	7,000,000	6,997,940		219			2.875	2.879	MS	59,257	201,250	03/07/2022	03/15/2032
08576P-AH-4	BERRY GLOBAL INC	1			2.C FE	1,874,472	.92.9000	1,741,866	1,875,000	1,874,748		121			1.570	1.577	JJ	13,574	29,438	10/19/2021	01/15/2026
090572-AQ-1	BIO RAD LABS	1			2.B FE	6,481,510	.90.2960	6,320,725	7,000,000	6,544,203		44,615			3.700	4.665	MS	76,261	259,000	08/03/2022	03/15/2032
092113-AL-3	BLACK HILLS CORP SR UNSEC	1			2.A FE	797,576	.97.5060	780,842	800,000	799,426		265			3.950	3.987	JJ	14,571	31,600	10/08/2016	01/15/2026
092113-AM-1	BLACK HILLS CORP SR UNSEC	1			2.A FE	2,508,590	.94.3050	2,357,618	2,500,000	2,502,494		(930)			3.150	3.109	JJ	36,313	78,750	10/12/2016	01/15/2027
092113-AT-6	BLACK HILLS CORP	1			2.A FE	1,295,554	.84.0350	1,092,459	1,300,000	1,297,002		422			2.500	2.539	JD	1,444	32,500	06/12/2020	06/15/2030
09247X-AP-6	BLACKROCK INC SR UNSEC	2			1.D FE	719,128	.96.0630	696,457	725,000	721,632		568			3.250	3.346	AO	3,993	23,563	04/17/2019	04/30/2029
09247X-AR-2	BLACKROCK INC	1			1.D FE	4,384,336	.84.3550	3,711,600	4,400,000	4,389,279		1,401			1.900	1.937	JJ	35,530	83,600	04/27/2020	01/28/2031
097023-CA-1	BOEING CO SR UNSEC	2			2.C FE	2,901,845	.94.1010	2,799,515	2,975,000	2,936,278		7,177			3.450	3.747	MN	17,106	102,638	10/29/2018	11/01/2028
099724-AL-0	BORGWARNER INC	1			2.A FE	1,570,574	.92.7150	1,460,265	1,575,000	1,572,699		619			2.650	2.694	JJ	20,869	41,738	06/16/2020	07/01/2027
100743-AK-9	BOSTON GAS COMPANY SR UNSEC	1			2.A FE	374,648	.93.9890	352,459	375,000	374,861		36			3.150	3.161	FA	4,922	11,813	07/31/2017	08/01/2027
100743-AL-7	BOSTON GAS COMPANY SR UNSEC	2			2.A FE	1,400,000	.89.5330	1,253,462	1,400,000	1,400,000					3.001	3.001	FA	17,506	42,014	07/24/2019	08/01/2029
10112R-AW-4	BOSTON PROPERTIES LP SR UNSEC	1			2.A FE	398,776	.99.8110	399,245	400,000	399,988		135			3.800	3.835	FA	6,333	15,200	06/18/2013	02/01/2024

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
10112R-AZ-2	BOSTON PROPERTIES LP SR UNSEC	1			2.A FE	897,372	.96	2,480	900,000	899,375		284		3,650	3.685	FA	13,688	32,850		01/08/2016	02/01/2026
10112R-AZ-7	BOSTON PROPERTIES LP SR UNSEC	1			2.A FE	2,992,710	.97	2,020	3,000,000	2,998,847		1,075		3,200	3.238	JJ	44,267	96,000		11/17/2017	01/15/2025
10112R-BA-1	BOSTON PROPERTIES LP SR UNSEC	2			2.A FE	4,533,666	.95	2,410	4,550,000	4,541,074		1,586		4,500	4.545	JD	17,063	204,750		11/13/2018	12/01/2028
101137-AZ-0	BOSTON SCIENTIFIC CORP	1			2.A FE	2,298,896	.95	6,810	2,300,000	2,299,681		220		1,900	1.910	JD	3,642	43,700		05/14/2020	06/01/2025
10373Q-AT-7	BP CAP MARKETS AMERICA CO.GUARNT	2			1.F FE	947,810	.96	7,265	1,000,000	981,830		7,268		3,119	3.940	MN	4,938	31,190		12/14/2018	05/04/2026
110122-CM-8	BRISTOL MYERS SQUIBB CO SERIES W1	1			1.F FE	1,097,677	.98	6,480	1,101,000	1,100,509		845		2,900	2.980	JJ	13,747	31,929		07/14/2020	07/26/2024
110122-CN-6	BRISTOL MYERS SQUIBB CO SERIES W1	1			1.F FE	4,492,542	.97	2,020	4,495,000	4,493,958		401		3,200	3.210	JD	6,393	143,840		07/15/2020	06/15/2026
110122-DE-5	BRISTOL MYERS SQUIBB CO SERIES W1	1			1.F FE	6,516,879	.98	2,630	6,000,000	6,286,136		(69,277)		3,900	2.599	FA	85,150	234,000		07/15/2020	02/20/2028
11120V-AK-9	BRIXMOR OPERATING PART	1			2.B FE	7,246,532	.88	8,000	7,275,000	7,257,360		3,897		2,250	2.310	AO	40,922	163,688		06/08/2021	04/01/2028
11120V-AL-7	BRIXMOR OPERATING PART	1			2.B FE	4,223,340	.83	8,770	4,200,000	4,218,327		(2,168)		2,500	2.437	FA	39,375	105,000		08/19/2021	08/16/2031
11134L-AP-4	BROADCOM CRP / CAYMAN FI CO.GUARNT	1			2.B FE	4,998,666	.97	8,150	4,890,743	4,999,877		115		3,125	3.127	JJ	72,049	156,250		02/07/2018	01/15/2025
11135F-AL-5	BROADCOM INC SERIES W1	1			2.C FE	3,310,020	.97	6,340	3,314,000	3,311,538		465		4,110	4.128	MS	40,105	136,205		08/07/2020	09/15/2028
124857-AR-4	CBS CORP CO.GUARNT	1			2.C FE	725,703	.92	5,400	761,000	748,226		3,910		2,900	3.486	JJ	10,176	22,069		10/20/2017	01/15/2027
124857-AT-0	CBS CORP CO.GUARNT	1			2.C FE	594,162	.91	4,230	600,000	597,487		558		3,375	3.485	FA	7,650	20,250		06/28/2017	02/15/2028
124857-AX-1	CBS CORP CO.GUARNT	2			2.C FE	984,449	.92	4,090	1,000,000	992,045		1,620		3,700	3.398	JD	3,083	37,000		12/13/2018	06/01/2028
125523-AH-3	CIGNA CORP CO.GUARNT	2			2.A FE	2,996,430	.99	1,940	3,000,000	2,998,034		361		4,375	4.390	AO	27,708	131,250		08/27/2019	10/15/2028
125523-CB-4	CIGNA CORP NEW GLBL NT	1			2.A FE	999,649	.96	3,710	975,000	987,497		(3,706)		3,400	2.973	MS	11,050	33,150		07/14/2020	03/01/2027
125523-CM-0	CIGNA CORP NEW GLBL NT	1			2.A FE	1,673,057	.85	4,700	1,675,000	1,673,565		180		2,375	2.388	MS	11,713	39,781		03/01/2021	03/15/2031
126117-AW-0	CNA FINANCIAL CORP	1			2.B FE	2,937,450	.83	1,470	3,000,000	2,952,169		6,611		2,050	2.311	FA	23,233	61,500		09/28/2021	08/15/2030
126650-CF-5	CVS HEALTH CORP SR UNSEC	1			2.B FE	2,021,360	.98	6,110	2,000,000	2,001,006		(2,525)		3,375	3.244	FA	26,063	67,500		10/17/2014	08/12/2024
126650-CL-2	CVS HEALTH CORP SR UNSEC	1			2.B FE	593,964	.98	2,690	600,000	598,900		674		3,875	3.398	JJ	10,398	23,250		07/13/2015	07/20/2025
126650-CU-2	CVS HEALTH CORP SR UNSEC	1			2.B FE	2,329,767	.95	5,020	2,350,000	2,344,564		2,139		2,875	2.975	JD	5,630	67,563		05/16/2016	06/01/2026
126650-CX-6	CVS HEALTH CORP SR UNSEC	2			2.B FE	2,986,470	.98	3,050	3,000,000	2,993,464		1,377		4,300	4.357	MS	34,400	129,000		07/30/2018	03/25/2028
126650-DY-3	CVS HEALTH CORP	1			2.B FE	4,486,185	.102	6,220	4,500,000	4,486,798		613		5,300	5.340	JD	19,875	118,588		05/30/2023	06/01/2033
127097-AG-8	COTERRA ENERGY INC SERIES W1	1			2.B FE	399,530	.96	7,490	400,000	399,643		108		3,900	3.929	MN	1,993	15,600		12/21/2022	05/15/2027
133131-AW-2	CAMDEN PROPERTY TRUST SR UNSEC	2			1.G FE	1,798,074	.97	2,350	1,800,000	1,798,996		186		4,100	4.113	AO	15,580	73,800		10/02/2018	10/15/2028
133131-AX-0	CAMDEN PROPERTY TRUST SR UNSEC	2			1.G FE	997,510	.92	1,230	1,000,000	998,545		239		3,150	3.179	JJ	15,750	31,500		06/06/2019	07/01/2029
133131-AZ-5	CAMDEN PROPERTY TRUST	1			1.G FE	1,024,272	.89	4,230	1,025,000	1,024,527		67		2,800	2.808	MN	3,667	28,700		04/16/2020	05/15/2030
14040H-BK-0	CAPITAL ONE FINANCIAL CO SUBORD	1			2.B FE	1,768,699	.95	7,660	1,775,000	1,773,146		674		3,750	3.793	JJ	28,289	66,563		07/25/2016	07/28/2026
14149Y-BH-0	CARDINAL HEALTH INC SR UNSEC	1			2.B FE	3,000,000	.98	7,910	3,000,000	3,000,000				3,079	3.079	JD	4,105	92,370		06/01/2017	06/15/2024
14149Y-BJ-6	CARDINAL HEALTH INC SR UNSEC	1			2.B FE	1,125,000	.95	9,430	1,125,000	1,125,000				3,410	3.410	JD	1,705	38,363		06/01/2017	06/15/2027
15135B-AR-2	CENTENE CORP SERIES W1	1			2.C FE	10,643,750	.96	3,550	10,000,000	10,138,435		(70,787)		4,250	2.329	JD	18,889	425,000		07/28/2020	12/15/2027
15189W-AJ-5	CENTERPOINT ENERGY RES	1			1.G FE	7,992,640	.97	1,590	8,000,000	7,993,806		589		4,400	4.411	JJ	176,000	373,511		06/07/2020	07/01/2032
15189X-AX-6	CENTERPOINT ENER HOUSTON SERIES AG	1			1.F FE	1,891,203	.88	5,020	1,900,000	1,892,628		783		3,000	3.054	MS	19,000	57,000		02/23/2022	03/01/2032
15189Y-AF-3	CENTERPOINT ENERGY RES	1			1.G FE	1,149,368	.83	2,080	1,150,000	1,149,621		52		1,750	1.755	AO	5,031	20,125		09/23/2020	10/10/2030
166756-AL-0	CHEVRON USA INC	1			1.D FE	15,000,000	.88	9,100	15,000,000	15,000,000				1,018	1.011	FA	58,111	152,700		08/10/2020	08/12/2027
17252M-AQ-3	CINTAS CORPORATION NO 2	1			1.G FE	4,422,478	.96	6,400	4,425,000	4,422,823		216		4,000	4.007	MN	29,500	177,000		04/26/2022	05/01/2032
172967-JT-9	CITIGROUP INC SUBORD	1			2.B FE	522,858	.98	7,060	525,000	524,631		243		4,400	4.451	JD	1,348	23,100		06/03/2015	06/10/2025
172967-KN-0	CITIGROUP INC SR UNSEC	1			1.G FE	997,980	.96	4,940	1,000,000	999,466		216		3,400	3.424	MN	5,667	34,000		04/26/2016	05/01/2026
172967-LS-8	CITIGROUP INC SR UNSEC	1			1.G FE	2,000,000	.94	5,760	2,000,000	2,000,000				3,520	3.520	AO	12,516	70,400		10/23/2017	10/27/2028
17401Q-AU-5	CITIZENS BANK NA/RI SR UNSEC	2			2.A FE	1,499,445	.95	1,890	1,500,000	1,499,818		81		3,750	3.756	FA	20,781	56,250		02/11/2019	02/18/2026
174610-AR-6	CITIZENS FINANCIAL GROUP SR UNSEC	2			2.A FE	6,985,860	.93	1,950	7,000,000	6,984,483		2,039		2,850	2.882	JJ	85,342	199,500		07/22/2019	07/27/2026
174610-AS-4	CITIZENS FINANCIAL GROUP	1			2.A FE	1,970,655	.83	7,670	1,975,000	1,972,222		416		2,500	2.525	FA	19,887	49,375		02/03/2020	02/06/2030
186108-CK-0	CLEVELAND ELECTRIC ILLUM SR UNSEC	1			2.B FE	847,484	.93	6,100	850,000	848,868		243		3,500	3.534	AO	7,438	29,750		10/02/2017	04/01/2028
189054-AX-7	CLOROX COMPANY	1			2.A FE	4,886,400	.83	3,980	6,000,000	5,071,114		122,661		1,800	4.635	MN	13,800	108,000		06/22/2022	05/15/2030

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	Code	Rating	Bond Char	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
189054-AZ-2	CLOROX COMPANY			1	2.A FE	5,347,050	.99.6790	5,357,728	5,375,000	5,350,750		2,331			4.600	4.666	MN	41,208	247,250	05/05/2022	05/01/2032
191216-CR-9	COCA COLA CO THE			1	1.E FE	4,974,055	.97.6610	4,858,638	4,975,000	4,974,536		134			3.375	3.378	MS	44,775	167,906	03/20/2020	03/25/2027
191216-CV-0	COCA COLA CO THE			1	1.E FE	3,941,942	.85.6530	3,383,292	3,950,000	3,944,706		775			1.650	1.672	JD	5,431	65,175	04/29/2020	06/01/2030
20030N-BS-9	COMCAST CORP CO GUARNT			1	1.G FE	1,996,240	.97.0760	1,941,528	2,000,000	1,999,088		400			3.150	3.172	MS	21,000	63,000	02/16/2016	03/01/2026
202795-JW-1	COMMONWEALTH EDISON CO SERIES 132			1	1.F FE	6,991,040	.89.0330	6,232,303	7,000,000	6,992,450		793			3.150	3.165	MS	64,925	220,500	03/08/2022	03/15/2032
205887-CB-6	CONAGRA BRANDS INC SR UNSEC			2	2.C FE	2,517,779	.99.0160	2,500,155	2,525,000	2,522,898		1,075			4.600	4.648	MN	19,358	116,150	10/15/2018	11/01/2025
205887-CF-7	CONAGRA BRANDS INC			1	2.C FE	6,554,074	.87.7590	5,879,853	6,700,000	6,607,991		22,998			1.375	1.747	MN	15,354	92,125	08/17/2021	11/01/2027
209111-FM-0	CONSOLIDATED EDISON INC SR UNSEC			1	1.G FE	999,740	.95.3730	953,727	1,000,000	999,889		26			3.125	3.128	MN	3,993	31,250	11/13/2017	11/15/2027
209111-FX-6	CON EDISON CO OF NY INC SERIES 20A			1	1.G FE	897,948	.93.2400	897,948	900,000	898,640		192			3.350	3.377	AO	7,538	30,150	03/26/2020	04/01/2030
209111-GA-5	CON EDISON CO OF NY INC			1	1.G FE	5,985,120	.86.3440	5,180,636	6,000,000	5,988,609		1,378			2.400	2.428	JD	6,400	144,000	06/03/2021	06/15/2031
21036P-BB-3	CONSTELLATION BRANDS INC CO GUARNT			2	2.C FE	1,996,240	.98.8320	1,976,648	2,000,000	1,998,900		552			4.400	4.431	MN	11,244	88,000	10/22/2018	11/15/2025
21036P-BF-4	CONSTELLATION BRANDS INC			1	2.C FE	1,222,562	.89.5670	1,097,201	1,225,000	1,223,380		230			2.875	2.898	MN	5,870	35,219	04/23/2020	05/01/2030
210518-DC-7	CONSUMERS ENERGY CO 1ST MORTG			2	1.E FE	2,493,800	.96.4060	2,410,152	2,500,000	2,496,691		673			3.800	3.830	MN	12,139	95,000	10/29/2018	11/15/2028
210518-DP-8	CONSUMERS ENERGY CO			1	1.E FE	4,196,850	.92.5800	3,888,369	4,200,000	4,197,236		207			3.600	3.609	FA	57,120	152,880	08/01/2022	08/15/2032
210518-DU-7	CONSUMERS ENERGY CO			1	1.E FE	6,464,315	.99.8310	6,488,997	6,500,000	6,467,752		3,437			4.625	4.691	MN	38,413	218,788	02/13/2023	05/15/2033
224044-CL-9	COX COMMUNICATIONS INC SERIES 144A			1	2.B FE	2,093,469	.81.3100	1,707,503	2,100,000	2,095,484		622			1.800	1.834	AO	9,450	37,800	09/10/2020	10/01/2030
22822V-AG-6	CROWN CASTLE INTL CORP SR UNSEC			1	2.B FE	4,986,050	.98.3540	4,917,688	5,000,000	4,998,566		2,099			3.200	3.244	MS	53,333	160,000	07/25/2017	09/01/2024
22822V-AL-5	CROWN CASTLE INTL CORP SR UNSEC			2	2.B FE	2,486,525	.96.2380	2,405,950	2,500,000	2,492,390		1,299			4.300	4.367	FA	40,611	107,500	01/29/2020	02/15/2029
22822V-AS-0	CROWN CASTLE INTL CORP			1	2.B FE	4,986,800	.94.3420	4,717,114	5,000,000	4,995,914		2,610			1.350	1.404	JJ	31,125	67,500	06/04/2020	07/15/2025
22966R-AF-3	CUBESMART LP			1	2.B FE	3,889,897	.88.2820	3,443,000	3,900,000	3,893,587		940			3.000	3.030	FA	44,200	117,000	10/08/2019	02/15/2030
22966R-AG-1	CUBESMART LP			1	2.B FE	6,174,134	.81.5640	5,118,127	6,275,000	6,202,854		9,262			2.000	2.175	FA	47,411	125,500	10/29/2020	02/15/2031
23317H-AF-9	SITE CENTERS CORP SR UNSEC			1	2.C FE	2,913,301	.98.3410	2,606,032	2,650,000	2,796,299		(43,503)			4.700	2.864	JD	10,379	124,550	04/01/2021	06/01/2027
233331-AW-7	DTE ENERGY CO SR UNSEC			1	2.B FE	2,999,010	.97.6530	2,929,592	3,000,000	2,999,841		208			2.529	2.536	AO	18,968	75,870	08/08/2019	10/01/2024
233331-BG-1	DTE ENERGY CO SERIES F			1	2.B FE	9,987,900	.94.2230	9,422,280	10,000,000	9,996,372		2,529			1.050	1.076	JD	8,750	105,000	08/03/2020	06/01/2025
23338V-AB-2	DTE ELECTRIC CO GENL REF MORT			1	1.F FE	398,364	.99.5470	398,188	400,000	399,963		181			3.650	3.697	MS	4,299	14,600	08/20/2013	03/15/2024
23338V-AN-6	DTE ELECTRIC CO SERIES A			1	1.E FE	4,596,700	.89.9600	4,497,988	5,000,000	4,704,955		63,437			1.900	3.404	AO	23,750	95,000	04/07/2022	04/01/2028
233853-AG-5	DAIMLER TRUCKS FINAN NA SERIES 144A			1	2.A FE	4,821,450	.89.0730	4,453,667	5,000,000	4,867,395		24,520			2.375	2.955	JD	5,608	118,750	02/08/2022	12/14/2028
233853-AM-2	DAIMLER TRUCKS FINAN NA SERIES 144A			1	2.A FE	5,988,060	.96.3730	5,782,409	6,000,000	5,991,961		2,274			3.650	3.694	AO	51,100	219,000	03/31/2022	04/07/2027
24422E-VB-2	JOHN DEERE CAPITAL CORP SERIES MTN			1	1.F FE	4,987,750	.94.4060	4,720,299	5,000,000	4,995,048		1,755			2.250	2.288	MS	33,438	112,500	09/09/2019	09/14/2026
24422E-VF-3	JOHN DEERE CAPITAL CORP SERIES MTN			1	1.F FE	4,746,865	.92.0930	4,374,408	4,750,000	4,748,525		445			1.750	1.760	MS	25,861	83,125	03/04/2020	03/09/2027
24422E-VH-8	JOHN DEERE CAPITAL CORP			1	1.F FE	3,541,267	.96.2910	3,418,330	3,550,000	3,542,428		744			3.900	3.930	JD	9,230	138,450	06/01/2022	06/07/2032
25389J-AR-7	DIGITAL REALTY TRUST LP CO GUARNT			1	2.B FE	1,249,050	.96.4350	1,205,432	1,250,000	1,249,620		96			3.700	3.709	FA	17,472	46,250	08/02/2017	08/15/2027
25389J-AT-3	DIGITAL REALTY TRUST LP CO GUARNT			1	2.B FE	6,960,750	.97.6370	6,834,582	7,000,000	6,979,805		3,920			4.450	4.521	JJ	143,636	311,500	10/29/2018	07/15/2028
25466A-AJ-0	DISCOVER BANK SR UNSEC			1	2.B FE	2,004,800	.94.5340	1,890,689	2,000,000	2,001,395		(538)			3.450	3.420	JJ	29,517	69,000	11/02/2016	07/27/2026
25466A-AR-2	DISCOVER BANK SERIES BKNT			2	2.B FE	2,120,559	.84.7170	1,800,247	2,125,000	2,122,151		424			2.700	2.724	FA	23,109	57,375	02/03/2020	02/06/2030
254687-DK-9	WALT DISNEY COMPANY THE SERIES W1			1	1.G FE	277,484	.97.0780	266,963	275,000	276,008		(378)			3.375	3.222	MN	1,186	9,281	11/22/2019	01/30/2026
254687-FL-5	WALT DISNEY COMPANY/THE CO GUARNT			1	1.G FE	837,395	.88.7280	754,187	850,000	842,518		1,226			2.000	2.166	MS	5,667	17,000	09/03/2019	09/01/2029
254687-PP-6	WALT DISNEY COMPANY THE			1	1.G FE	14,983,500	.98.5320	14,779,750	15,000,000	14,991,871		2,328			3.700	3.718	MS	151,083	555,000	03/19/2020	03/23/2027
254709-AT-3	DISCOVER FINANCIAL SVS SR UNSEC			3	2.B FE	3,095,040	.98.7080	3,059,958	3,100,000	3,099,362		735			4.500	4.527	JJ	58,513	139,500	01/28/2019	01/30/2026
25746U-CK-3	DOMINION ENERGY INC SR UNSEC			1	2.B FE	899,685	.94.2050	847,841	900,000	899,910		33			2.850	2.854	FA	9,690	25,650	08/04/2016	08/15/2026
260003-AP-3	DOVER CORP			1	2.A FE	1,070,474	.90.4640	972,490	1,075,000	1,072,195		433			2.950	2.999	MN	5,021	31,713	10/28/2019	11/04/2029
26078J-AD-2	DUPONT DE NEMOURS INC SR UNSEC			2	2.A FE	1,000,000	.90.4720	1,014,721	1,000,000	1,000,000					4.725	4.725	MN	6,038	47,250	11/14/2018	11/15/2028
26138E-AU-3	KEURIG DR PEPPER INC CO GUARNT			1	2.B FE	2,990,280	.94.3740	2,831,220	3,000,000	2,997,121		1,014			2.550	2.587	MS	22,525	76,500	09/07/2016	09/15/2026
263534-CN-7	E I DU PONT DE NEMOURS			1	1.G FE	4,421,018	.94.8450	4,196,892	4,425,000	4,423,767		785			1.700	1.718	JJ	34,687	75,225	05/13/2020	07/15/2025
263534-CP-2	E I DU PONT DE NEMOURS			1	1.G FE	5,196,792	.87.6810	5,217,028	5,950,000	5,318,796		81,901			2.300	4.163	JJ	63,103	136,850	06/29/2022	07/15/2030

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
26441C-BJ-3	DUKE ENERGY CORP			1	2.B FE	9,995,100	.93	9,330,934	10,000,000	9,998,310		978			0.900	0.910	MS	26,500	90,000	09/09/2020	09/15/2025
26444H-AH-4	DUKE ENERGY FLORIDA LLC			1	1.F FE	1,998,940	.89	1,783,167	2,000,000	1,999,345		101			2.500	2.506	JD	4,167	50,000	11/21/2019	12/01/2029
26444H-AK-7	DUKE ENERGY FLORIDA LLC			1	1.F FE	5,035,750	.84	4,218,362	5,000,000	5,028,841		(3,375)			2.400	2.318	JD	5,333	120,000	12/01/2021	12/15/2031
26884A-BG-7	ERP OPERATING LP SR UNSEC			1	1.G FE	598,932	.94	569,956	600,000	599,576		110			3.250	3.271	FA	8,125	19,500	07/31/2017	08/01/2027
26884T-AR-3	ERAC USA FINANCE LLC CO.GUARNT			1	2.A FE	2,640,533	.95	2,514,328	2,625,000	2,629,531		(1,625)			3.300	3.231	JD	7,219	86,625	06/23/2016	12/01/2026
27409L-AA-1	EAST OHIO GAS CO THE SERIES 144A			1	1.F FE	924,066	.94	874,342	925,000	924,733		180			1.300	1.320	JD	534	12,025	06/02/2020	06/15/2025
27409L-AC-7	EAST OHIO GAS CO THE SERIES 144A			1	1.F FE	872,323	.83	727,294	875,000	873,268		249			2.000	2.033	JD	778	17,500	06/02/2020	06/15/2030
277432-AW-0	EASTMAN CHEMICAL CO SR UNSEC			2	2.B FE	2,775,528	.97	2,740,755	2,800,000	2,786,718		2,356			4.500	4.609	JD	10,500	126,000	10/30/2018	12/01/2028
278062-AG-9	EATON CORP CO.GUARNT			1	1.G FE	2,000,000	.95	1,915,017	2,000,000	2,000,000					3.103	3.103	MS	18,273	62,060	09/06/2017	09/15/2027
29248H-AA-1	EMPOWER FINANCE 2020 LP SERIES 144A			1	1.F FE	3,325,000	.89	2,965,333	3,325,000	3,325,000					1.357	1.357	MS	13,035	45,120	09/14/2020	09/17/2027
29248H-AB-9	EMPOWER FINANCE 2020 LP SERIES 144A			1	1.F FE	7,008,129	.80	5,390	8,000,000	7,152,740		96,203			1.776	3.382	MS	41,045	142,080	06/21/2022	03/17/2031
29364D-AU-4	ENTERGY ARKANSAS LLC 1ST MORTG			1	1.F FE	224,260	.97	218,576	225,000	224,812		79			3.500	3.539	AO	1,969	7,875	01/05/2016	04/01/2026
29364G-AJ-2	ENTERGY CORP SR UNSEC			1	2.B FE	1,995,500	.94	1,898,926	2,000,000	1,998,677		470			2.950	2.976	MS	19,667	59,000	08/16/2016	09/01/2026
29365T-AG-9	ENTERGY TEXAS INC 1ST MORTG			2	1.G FE	3,992,560	.97	3,884,820	4,000,000	3,995,699		722			4.000	4.023	MS	40,444	160,000	01/03/2019	03/30/2029
29365T-AK-0	ENTERGY TEXAS INC			1	1.G FE	5,853,263	.81	4,811,684	5,875,000	5,859,584		1,985			1.750	1.789	MS	30,273	102,813	09/28/2010	03/15/2031
29379V-BH-5	ENTERPRISE PRODUCTS OPER CO.GUARNT			1	1.G FE	1,494,525	.98	1,477,028	1,500,000	1,498,728		566			3.700	3.742	FA	20,967	55,500	05/04/2015	02/15/2026
29379V-BX-0	ENTERPRISE PRODUCTS OPER			1	1.G FE	3,441,589	.90	4,360	3,375,000	3,418,518		(6,995)			2.800	2.557	JJ	39,638	94,500	07/30/2020	01/31/2030
294429-AR-6	EQUIFAX INC			1	2.B FE	1,248,600	.95	1,192,610	1,250,000	1,249,504		244			2.600	2.621	JD	1,444	32,500	04/22/2020	12/15/2025
294429-AS-4	EQUIFAX INC			1	2.B FE	923,243	.89	828,146	925,000	923,832		163			3.100	3.122	MN	3,664	28,675	04/22/2020	05/15/2030
29444J-BC-9	EQUINIX INC			1	2.B FE	2,500,000	.97	4,000	2,500,000	2,500,000					2.625	2.625	MN	7,839	65,625	11/06/2019	11/18/2024
29444J-BD-7	EQUINIX INC			1	2.B FE	1,897,245	.94	1,804,359	1,900,000	1,898,799		394			1.800	2.923	MN	6,581	55,100	11/06/2019	11/18/2026
29444J-BE-5	EQUINIX INC			1	2.B FE	1,997,960	.91	1,836,865	2,000,000	1,998,723		194			3.200	3.212	MN	7,644	64,000	11/06/2019	11/18/2029
29444J-BG-0	EQUINIX INC			1	2.B FE	1,595,984	.90	1,448,378	1,600,000	1,597,929		562			1.800	1.838	JJ	13,280	28,800	06/08/2020	07/15/2027
29444J-BL-9	EQUINIX INC			1	2.B FE	4,021,337	.87	3,530,726	4,025,000	4,022,993		458			1.550	1.562	MS	18,370	62,388	09/23/2020	03/15/2028
29449W-AA-5	EQUITABLE FINANCIAL LIFE SERIES 144A			1	1.E FE	3,318,915	.94	3,134,265	3,325,000	3,323,160		1,192			1.400	1.437	JJ	22,499	46,550	06/29/2020	07/07/2025
29449W-AB-3	EQUITABLE FINANCIAL LIFE SERIES 144A			1	1.E FE	7,482,600	.86	6,515,885	7,500,000	7,490,892		2,410			1.400	1.434	FA	36,167	105,000	08/25/2020	08/27/2027
29670G-AD-4	ESSENTIAL UTILITIES INC			1	2.B FE	1,375,000	.87	1,201,935	1,375,000	1,375,000					2.704	2.704	AO	7,849	37,180	04/13/2020	04/15/2030
29717P-AP-2	ESSEX PORTFOLIO LP CO.GUARNT			1	2.A FE	2,059,540	.97	1,953,024	2,000,000	2,008,060		(7,759)			3.500	3.090	AO	17,500	70,000	09/15/2016	04/01/2025
29717P-AQ-0	ESSEX PORTFOLIO LP CO.GUARNT			1	2.A FE	3,227,619	.96	5,050	3,225,000	3,225,497		(304)			3.375	3.365	AO	22,978	108,844	04/07/2016	04/15/2026
29717P-AR-4	ESSEX PORTFOLIO LP CO.GUARNT			2	2.A FE	7,935,400	.95	4,400	8,000,000	7,963,460		6,222			4.000	4.099	MS	106,667	320,000	02/04/2019	03/01/2029
29717P-AU-1	ESSEX PORTFOLIO LP CO.GUARNT			2	2.A FE	1,232,900	.89	1,114,562	1,250,000	1,239,426		1,566			3.000	3.155	JJ	17,292	37,500	07/29/2019	01/15/2030
30040W-AD-0	EVERSOURCE ENERGY SR UNSEC			1	2.A FE	4,988,700	.97	4,897,817	5,000,000	4,998,677		1,723			2.900	2.936	AO	36,250	145,000	10/02/2017	10/10/2024
30040W-AE-8	EVERSOURCE ENERGY SR UNSEC			1	2.A FE	4,996,600	.94	4,734,433	5,000,000	4,998,506		340			3.300	3.308	JJ	76,083	165,000	10/03/2018	01/15/2028
30161N-AN-1	EXELON CORP SR UNSEC			1	2.B FE	698,687	.98	687,962	700,000	699,761		157			3.950	3.974	JD	1,229	27,650	05/16/2016	06/15/2025
30225V-AF-4	EXTRA SPACE STORAGE LP			1	2.B FE	4,593,054	.83	3,835,963	4,600,000	4,594,744		635			2.550	2.567	JD	9,775	117,300	05/05/2021	06/01/2031
30225V-AG-0	EXTRA SPACE STORAGE LP			1	2.B FE	3,972,131	.82	4,124,830	5,000,000	4,016,108		43,977			2.400	5.547	AO	25,333	60,000	07/21/2023	10/15/2031
30231G-AT-9	EXXON MOBIL CORP SR UNSEC			1	1.D FE	1,625,000	.97	1,577,992	1,625,000	1,625,000					3.043	3.043	MS	16,483	49,449	02/29/2016	03/01/2026
313747-AZ-0	FEDERAL REALTY INVESTMEN SR UNSEC			2	2.A FE	3,088,437	.90	2,695,596	2,975,000	3,040,435					3.200	2.744	JD	4,231	95,200	08/19/2019	06/15/2029
313747-BB-2	FEDERAL REALTY INVESTMEN			1	2.A FE	2,880,831	.92	2,676,452	2,900,000	2,892,207		(11,530)			1.250	1.379	FA	13,694	36,250	10/08/2020	02/15/2026
31428X-BR-6	FEDEX CORP CO.GUARNT			2	2.B FE	2,996,370	.98	2,950,058	3,000,000	2,998,072		356			4.200	4.215	AO	25,900	126,000	10/15/2018	10/17/2028
31620M-BT-2	FIDELITY NATL INFO SERV			1	2.B FE	5,948,760	.84	4,790	6,000,000	5,959,890		5,074			2.250	2.352	MS	45,000	135,000	10/14/2021	03/01/2031
316773-DG-2	FIFTH THIRD BANCORP			2	2.A FE	7,000,000	.97	6,836,413	7,000,000	7,000,000					4.772	4.769	JJ	141,967	334,040	07/25/2022	07/28/2030
337738-AP-3	FISERV INC SR UNSEC			1	2.B FE	1,010,320	.98	981,061	1,000,000	1,001,476		(1,181)			3.850	3.723	JD	3,208	38,500	05/26/2015	06/01/2025
337738-AT-5	FISERV INC SR UNSEC			2	2.B FE	9,514,135	.96	9,144,631	9,500,000	9,505,258		(2,085)			3.200	3.176	JJ	152,000	304,000	06/10/2019	07/01/2026
337738-AU-2	FISERV INC SR UNSEC			2	2.B FE	2,124,940	.94	1,999,259	2,125,000	2,124,964		3			3.500	3.500	JJ	37,188	74,375	06/10/2019	07/01/2029

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
337738-BB-3	FISERV INC	1			2.B FE	9,993,400	.924710	9,247,067	10,000,000	9,996,707		917			2.250	2.260	JD	18,750	225,000	05/11/2020	06/01/2027
337932-AN-7	FIRSTENERGY CORP SERIES A	1			3.A FE	1,822,263	.930050	1,697,345	1,825,000	1,823,981		488			1.600	1.628	JJ	13,464	29,200	06/03/2020	01/15/2026
338340-AA-2	FIVE CORNERS FND TR II SERIES 144A	1			1.G FE	8,432,300	.884230	7,383,328	8,350,000	8,404,294		(8,048)			2.850	2.734	MN	30,408	237,975	05/21/2020	05/15/2030
340711-AY-6	FLORIDA GAS TRANSMISSION SERIES 144A	1			2.B FE	1,995,260	.856310	1,712,613	2,000,000	1,996,793		448			2.550	2.577	JJ	25,500	51,000	06/10/2020	07/01/2030
341081-FZ-5	FLORIDA POWER & LIGHT CO	1			1.D FE	1,873,088	.976410	1,830,774	1,875,000	1,874,499		388			2.850	2.872	AO	13,359	53,438	03/24/2020	04/01/2025
341081-GG-6	FLORIDA POWER & LIGHT CO	1			1.D FE	6,988,800	.858710	6,010,996	7,000,000	6,990,826		1,013			2.450	2.468	FA	70,506	171,500	01/12/2022	02/03/2032
345397-B2-8	FORD MOTOR CREDIT CO LLC	1			2.C FE	1,458,750	.956910	1,435,368	1,500,000	1,478,116		11,050			3.375	4.197	MN	6,750	50,625	03/21/2022	11/13/2025
345397-B8-5	FORD MOTOR CREDIT CO LLC	1			2.C FE	3,499,965	.961670	3,365,848	3,500,000	3,500,003		(3)			2.300	2.300	FA	31,529	80,500	01/05/2022	02/10/2025
361448-AW-3	GATX CORP SR UNSEC	1			2.B FE	1,409,092	.973340	1,387,015	1,425,000	1,422,758		1,734			3.250	3.380	MS	11,707	46,313	02/04/2015	03/30/2025
361841-AN-9	GLP CAPITAL LP / FIN II CO.GUARNT	2			2.C FE	4,477,215	.986870	4,159,640	4,215,000	4,265,733		(86,219)			3.350	1.266	MS	47,068	141,203	07/08/2021	09/01/2024
36264F-AK-7	HALEON US CAPITAL LLC SERIES III	1			2.B FE	6,138,016	.962150	5,917,251	6,150,000	6,141,149		2,623			3.375	3.422	MS	55,927	207,563	10/28/2022	03/24/2027
369650-BK-3	GENERAL DYNAMICS CORP	1			1.G FE	9,955,500	.979560	9,795,616	10,000,000	9,988,244		9,066			3.250	3.347	AO	81,250	325,000	03/23/2020	04/01/2025
369650-BL-1	GENERAL DYNAMICS CORP	1			1.G FE	4,957,600	.974200	4,871,023	5,000,000	4,979,054		5,963			3.500	3.638	AO	43,750	175,000	03/23/2020	04/01/2027
369650-BM-9	GENERAL DYNAMICS CORP	1			1.G FE	4,625,772	.960570	4,490,668	4,675,000	4,642,202		4,572			3.625	3.752	AO	42,367	169,469	03/23/2020	04/01/2030
370334-CL-6	GENERAL MILLS INC	1			2.B FE	773,450	.903680	700,350	775,000	773,981		146			2.875	2.898	AO	4,704	22,281	03/31/2020	04/15/2030
37045X-B0-8	GENERAL MOTORS FINL CO CO.GUARNT	1			2.B FE	998,610	.972870	972,873	1,000,000	999,559		148			4.000	4.017	AO	9,444	40,000	10/03/2016	10/06/2026
37045X-DD-5	GENERAL MOTORS FINL CO	1			2.B FE	7,984,560	.925220	7,401,736	8,000,000	7,993,646		3,087			1.250	1.290	JJ	48,056	100,000	01/05/2021	01/08/2026
375558-BX-0	GILEAD SCIENCES INC	1			2.A FE	1,124,021	.889890	1,001,121	1,125,000	1,124,466		138			1.200	1.213	AO	3,375	13,500	09/23/2020	10/01/2027
375558-BY-8	GILEAD SCIENCES INC	1			2.A FE	2,693,547	.837860	2,262,231	2,700,000	2,695,530		620			1.650	1.676	AO	11,138	44,550	09/23/2020	10/01/2030
37959E-AA-0	GLOBE LIFE INC	1			2.A FE	10,631,043	.835650	8,899,658	10,650,000	10,637,770		1,700			2.150	2.169	FA	86,502	228,975	08/18/2020	08/15/2030
37959E-AB-8	GLOBE LIFE INC	1			2.A FE	1,918,686	.968030	1,863,462	1,925,000	1,919,585		507			4.800	4.841	JD	4,107	92,400	05/16/2022	06/15/2032
38141G-XG-4	GOLDMAN SACHS GROUP INC	1			1.F FE	3,998,600	.878740	3,514,966	4,000,000	3,999,103		134			2.600	2.604	FA	41,600	104,000	02/05/2020	02/07/2030
40139L-AH-6	GUARDIAN LIFE GLOB FUND SERIES 144A	1			1.B FE	12,479,250	.892690	11,158,609	12,500,000	12,489,643		2,854			1.400	1.424	JJ	85,069	175,000	06/30/2020	07/06/2027
40414L-AR-0	HCP INC HCP Inc 3.5 07/15/2029	2			2.A FE	224,037	.932830	209,886	225,000	224,425		92			3.500	3.551	JJ	3,631	7,875	06/20/2019	07/15/2029
416515-BE-3	HARTFORD FINL SVCS GRP	1			2.A FE	6,377,640	.908040	5,448,210	6,000,000	6,271,205		(47,482)			2.800	1.911	FA	61,600	168,000	09/22/2021	08/19/2029
42225U-AD-6	HEALTHCARE TRUST OF AMER CO.GUARNT	1			2.B FE	947,350	.954320	906,604	950,000	949,232		279			3.500	3.533	FA	13,854	33,250	07/07/2016	08/01/2026
42225U-AG-5	HEALTHCARE TRUST OF AMER CO.GUARNT	2			2.B FE	4,982,900	.874200	4,370,993	5,000,000	4,989,231		1,572			3.100	3.139	FA	58,556	155,000	09/05/2019	02/15/2030
42225U-AH-7	HEALTHCARE TRUST OF AMER	1			2.B FE	7,290,906	.800360	5,882,638	7,350,000	7,307,949		5,348			2.000	2.086	MS	43,283	147,000	09/14/2020	03/15/2031
42225U-AJ-3	HEALTHCARE TRUST OF AMER	1			2.B FE	2,941,095	.970120	2,910,359	3,000,000	2,970,890		20,711			3.875	4.635	MN	19,375	116,250	07/20/2022	05/01/2025
42225U-AK-0	HEALTHCARE TRUST OF AMER	1			2.B FE	445,440	.921640	437,777	475,000	452,496		4,922			3.625	4.934	JJ	7,940	17,219	07/20/2022	01/15/2028
42225U-AL-8	HEALTHCARE TRUST OF AMER	1			2.B FE	905,281	.821130	882,712	1,075,000	932,851		19,154			2.400	4.898	MS	7,597	25,800	07/20/2022	03/15/2030
42250P-AB-9	HEALTHPEAK PROPERTIES	1			2.A FE	718,656	.867950	629,265	725,000	720,564		559			2.875	2.972	JJ	9,611	20,844	06/09/2020	01/15/2031
42824C-BJ-7	HP ENTERPRISE CO	1			2.B FE	9,988,300	.989040	9,890,351	10,000,000	9,999,207		3,162			1.450	1.482	AO	36,250	145,000	07/14/2020	04/01/2024
42981C-AA-6	HIGH STREET FNDG TRUST I SECURED	1			2.A FE	3,500,437	.945990	3,310,981	3,500,000	3,499,928		(9)			4.111	4.111	FA	54,357	143,885	03/05/2019	02/15/2028
431282-AR-3	HIGHWOODS REALTY LP SR UNSEC	2			2.B FE	747,878	.904600	678,452	750,000	748,802		198			4.200	4.234	AO	6,650	31,500	02/26/2019	04/15/2029
437076-BC-5	HOME DEPOT INC SR UNSEC	1			1.F FE	2,584,900	.997330	2,583,054	2,600,000	2,589,788		1,709			3.750	3.818	FA	36,833	97,500	09/18/2013	02/15/2024
437076-BW-1	HOME DEPOT INC SR UNSEC	2			1.F FE	3,475,955	.985010	3,447,533	3,500,000	3,486,967		2,348			3.900	3.984	JD	9,479	136,500	11/27/2018	12/06/2028
437076-BY-7	HOME DEPOT INC SR UNSEC	2			1.F FE	1,988,520	.939860	1,879,716	2,000,000	1,993,312		1,112			2.950	3.017	JD	2,622	59,000	06/03/2019	06/15/2029
437076-CA-8	HOME DEPOT INC	2			1.F FE	3,582,468	.941970	3,391,110	3,600,000	3,593,437		2,463			2.900	2.576	AO	19,000	90,000	03/26/2020	04/15/2027
437076-CB-6	HOME DEPOT INC	1			1.F FE	2,461,165	.913320	2,260,473	2,475,000	2,465,912		1,305			2.700	2.764	AO	14,108	66,825	03/26/2020	04/15/2030
438516-BZ-8	HONEYWELL INTERNATIONAL	1			1.F FE	1,273,610	.866190	1,104,396	1,275,000	1,274,084		133			1.950	1.962	JD	2,072	24,863	05/14/2020	06/01/2030
44107T-AW-6	HOST HOTELS & RESORTS LP SR UNSEC	1			2.C FE	423,640	.980930	416,896	425,000	424,666		150			4.500	4.540	FA	7,969	19,125	10/08/2015	02/01/2026
443201-AA-6	HOMENET AEROSPACE INC	1			2.C FE	650,000	.1012960	658,426	650,000	650,000					6.875	6.875	MN	7,448	44,688	04/22/2020	05/01/2025
44403M-AC-0	HUDSON PACIFIC PROPERTIE	1			2.C FE	2,978,040	.734430	2,203,277	3,000,000	2,986,151		2,038			3.250	3.335	JJ	44,958	97,500	09/24/2019	01/15/2030
444859-BF-8	HUMANA INC SR UNSEC	1			2.B FE	1,697,909	.977580	1,661,885	1,700,000	1,699,238		219			3.950	3.965	MS	19,772	67,150	03/13/2017	03/15/2027

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
444859-BK-7	HUMANA INC SR UNSEC			2	2.B FE	724,261	92.5670	671,109	725,000	724,556		71			3.125	3.137	FA	8,559	22,656	08/08/2019	08/15/2029
444859-BQ-4	HUMANA INC			1	2.B FE	7,992,400	90.1870	7,214,943	8,000,000	7,995,661		1,366			1.350	1.368	FA	44,400	108,000	07/29/2021	02/03/2027
446150-AQ-7	HUNTINGTON BANCSHARES SR UNSEC			2	2.A FE	4,989,050	98.1300	4,906,520	5,000,000	4,988,614		2,271			2.625	2.672	FA	52,865	131,250	07/30/2019	08/06/2024
44891A-AK-3	HYUNDAI CAPITAL AMERICA SR UNSEC			1	2.A FE	1,998,260	93.3500	1,867,003	2,000,000	1,999,476		182			2.750	2.760	MS	14,361	55,000	09/22/2016	09/27/2026
458140-AX-8	INTEL CORP SR UNSEC			1	1.F FE	996,680	96.1070	961,071	1,000,000	998,766		343			3.150	3.189	MN	4,375	31,500	05/08/2017	05/11/2027
458140-BD-1	INTEL CORP SR UNSEC			1	1.F FE	4,998,750	99.0270	4,951,346	5,000,000	4,999,930		192			2.875	2.879	MN	19,965	143,750	05/08/2017	05/11/2024
458140-BH-2	INTEL CORP			1	1.F FE	2,068,031	90.0070	1,822,644	2,025,000	2,051,549		(4,383)			2.450	2.201	MN	6,339	49,613	02/10/2020	11/15/2029
458140-BQ-2	INTEL CORP			1	1.F FE	6,661,984	97.9590	6,538,742	6,675,000	6,668,570		1,836			3.750	3.782	MS	66,750	250,313	03/20/2020	03/25/2027
459200-JZ-5	IBM CORP SR UNSEC			1	1.G FE	9,996,900	97.1030	9,710,260	10,000,000	9,998,867		451			3.300	3.305	MN	42,167	330,000	05/08/2019	05/15/2026
460690-BP-4	INTERPUBLIC GROUP COS SR UNSEC			2	2.B FE	5,036,807	98.9850	4,973,973	5,025,000	5,031,483		(1,274)			4.650	4.618	AO	58,416	233,663	02/04/2019	10/01/2028
461070-AP-9	INTERSTATE POWER & LIGHT SR UNSEC			2	2.A FE	2,244,330	97.0410	2,183,424	2,250,000	2,247,028		557			4.100	4.131	MS	24,344	92,250	09/19/2018	09/26/2028
465685-AJ-4	ITC HOLDINGS CORP SR UNSEC			1	2.B FE	597,996	98.8260	592,954	600,000	599,893		230			3.650	3.690	JD	973	21,900	05/28/2014	06/15/2024
46625H-RX-0	JPMORGAN CHASE & CO SUBORD			1	1.G FE	4,991,350	95.9590	4,797,928	5,000,000	4,996,561		803			3.625	3.644	JD	15,104	181,250	11/10/2016	12/01/2027
46647P-BF-2	JPMORGAN CHASE & CO SR UNSEC			2	1.E FE	5,000,000	97.4420	4,872,116	5,000,000	5,000,000					2.301	2.301	AO	24,288	115,050	09/05/2019	10/15/2025
46647P-BR-6	JPMORGAN CHASE & CO			1	1.E FE	3,000,000	91.4660	2,743,969	3,000,000	3,000,000					2.182	2.154	JD	5,455	65,460	05/19/2020	06/01/2028
46849L-SS-1	JACKSON NATL LIFE GLOBAL SR SEC			1	1.F FE	2,997,750	99.8100	2,994,287	3,000,000	2,999,972		353			3.250	3.262	JJ	40,896	97,500	01/24/2017	01/30/2024
46849L-TK-7	JACKSON NATL LIFE GLOBAL SECURED			1	1.F FE	3,992,200	98.1820	3,927,261	4,000,000	3,999,222		1,624			2.650	2.692	JD	2,944	106,000	06/17/2019	06/21/2024
476556-DC-6	JERSEY CENTRAL PWR & LT SR UNSEC			1	2.A FE	3,044,130	97.8170	2,934,512	3,000,000	3,013,115		(6,851)			4.300	4.047	JJ	59,483	129,000	02/05/2019	01/15/2025
485134-BP-4	KANSAS CITY POWER & LT SR UNSEC			1	1.F FE	996,440	97.7980	977,981	1,000,000	999,330		394			3.650	3.693	FA	13,789	36,500	08/13/2015	08/15/2025
487836-BP-2	KELLOGG CO SR UNSEC			1	2.B FE	849,116	96.9170	823,794	850,000	849,781		92			3.250	3.262	AO	6,906	27,625	02/25/2016	04/01/2026
491674-BK-2	KENTUCKY UTILITIES CO 1ST MORTG			1	1.F FE	574,753	97.4830	560,527	575,000	574,951		27			3.300	3.305	AO	27	18,975	09/21/2015	10/01/2025
49326E-EH-2	KEYCORP SR UNSEC			2	2.B FE	3,297,822	97.5030	3,217,583	3,300,000	3,299,371		325			4.150	4.161	AO	23,586	136,950	10/22/2018	10/29/2025
49327M-2K-9	KEY BANK NA SR UNSEC			2	2.A FE	962,990	96.1730	961,726	1,000,000	993,856		4,150			3.300	3.750	JD	2,750	33,000	06/25/2015	06/01/2025
49427R-AN-2	KILROY REALTY LP CO GUARNT			2	2.B FE	1,046,157	95.2330	999,950	1,050,000	1,047,893		369			4.750	4.796	JD	2,217	49,875	11/14/2018	12/15/2028
49427R-AP-7	KILROY REALTY LP CO GUARNT			2	2.B FE	1,997,560	85.0050	1,700,101	2,000,000	1,998,452		227			3.050	3.064	FA	23,044	61,000	09/03/2019	02/15/2030
494368-CB-7	KIMBERLY CLARK CORP			1	1.F FE	624,519	93.2820	583,013	625,000	624,683		45			3.100	3.109	MS	5,113	19,375	03/24/2020	03/26/2030
494368-CC-5	KIMBERLY CLARK CORP			1	1.F FE	4,625,000	89.1630	4,123,784	4,625,000	4,625,000					1.050	1.050	MS	14,299	48,563	09/08/2020	09/15/2027
49446R-AP-4	KIMCO REALTY CORP SR UNSEC			1	2.A FE	1,474,350	94.3460	1,415,192	1,500,000	1,492,145		2,699			2.800	3.000	AO	10,500	42,000	10/26/2016	10/01/2026
49446R-AR-0	KIMCO REALTY CORP SR UNSEC			1	2.A FE	4,974,450	99.4450	4,972,273	5,000,000	4,999,365		3,800			2.700	2.778	MS	45,000	135,000	11/01/2016	03/01/2024
49446R-AU-3	KIMCO REALTY CORP SR UNSEC			1	2.A FE	2,993,290	97.7970	2,933,917	3,000,000	2,999,240		678			3.300	3.324	FA	41,250	99,000	08/01/2017	01/01/2025
49456B-AR-2	KINDER MORGAN INC			1	2.B FE	2,253,615	83.0090	1,888,452	2,275,000	2,260,031		1,929			2.000	2.100	FA	17,189	45,500	07/27/2020	02/15/2031
50077L-BC-9	KRAFT HEINZ FOODS CO SERIES W1			1	2.B FE	2,275,000	98.0820	2,231,368	2,275,000	2,275,000					3.875	3.875	MN	11,264	88,156	01/19/2021	05/15/2027
501044-DC-2	KROGER CO SR UNSEC			1	2.A FE	498,815	97.3960	486,978	500,000	499,721		127			3.500	3.528	FA	7,292	17,500	01/08/2016	02/01/2026
501044-DL-2	KROGER CO SR UNSEC			2	2.A FE	3,280,382	99.3210	3,277,581	3,300,000	3,289,018		1,898			4.500	4.575	JJ	68,475	148,500	01/11/2019	01/15/2029
501044-DP-3	KROGER CO			1	2.B FE	11,573,736	85.5790	9,927,135	11,600,000	11,582,723		2,512			2.200	2.225	MN	42,533	255,200	04/21/2020	05/01/2030
502431-AF-6	L3HARRIS TECHNOLOGIES INC			1	2.B FE	349,059	90.3650	316,277	350,000	349,412		89			2.900	2.931	JD	89	10,150	11/13/2019	05/15/2029
502431-AM-1	L3HARRIS TECH INC SERIES W1			1	2.B FE	1,627,405	98.8410	1,482,622	1,500,000	1,571,987		(15,753)			4.400	3.172	JD	2,933	66,000	05/01/2020	06/15/2028
502431-AN-9	L3HARRIS TECH INC			1	2.B FE	5,354,080	82.1350	5,303,440	6,457,000	5,538,563		110,261			1.800	4.151	JJ	53,593	116,226	04/19/2022	01/15/2031
50540R-AQ-5	LABORATORY CORP OF AMER SR UNSEC			1	2.B FE	1,001,776	98.2880	982,875	1,000,000	1,000,186					3.600	3.578	FA	15,000	36,000	01/22/2015	02/01/2025
512807-AS-7	LAM RESEARCH CORP SR UNSEC			2	1.G FE	4,919,533	98.1970	4,836,197	4,925,000	4,923,150		790			3.750	3.768	MS	54,380	184,688	02/25/2019	03/15/2026
512807-AU-2	LAM RESEARCH CORP SR UNSEC			2	1.G FE	2,794,932	98.6680	2,762,704	2,800,000	2,797,141		484			4.000	4.022	MS	32,978	112,000	02/25/2019	03/15/2029
521865-AY-1	LEAR CORP SR UNSEC			1	2.B FE	2,863,748	96.3420	2,769,824	2,875,000	2,870,395		1,134			3.800	3.847	MS	32,168	109,250	08/21/2017	09/15/2027
531546-AB-5	LIBERTY UTILITIES FIN SERIES 144A			1	2.B FE	4,987,000	81.1140	4,055,676	5,000,000	4,991,314		1,194			2.050	2.078	MS	30,181	102,500	09/16/2020	09/15/2030
532457-BP-2	ELI LILLY & CO SR UNSEC			1	1.E FE	3,998,600	96.4790	3,859,145	4,000,000	3,999,486		142			3.100	3.104	MN	15,844	124,000	05/04/2017	05/15/2027
534187-BH-1	LINCOLN NATIONAL CORP SR UNSEC			1	2.B FE	3,952,738	95.9860	3,815,447	3,975,000	3,964,664		2,283			3.800	3.869	JD	12,588	151,050	04/11/2018	03/01/2028

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
534187-BJ-7	LINCOLN NATIONAL CORP SR UNSEC	2			2.B FE	1,922,998	.88 3380	1,700,506	1,925,000	1,923,741		187			3.050	3.062	JJ	27,073	58,713	08/12/2019	01/15/2030
539830-BH-1	LOOKHEED MARTIN CORP SR UNSEC	1			1.G FE	744,210	.98 1890	736,415	750,000	748,671		617			3.550	3.641	JJ	12,277	26,625	11/16/2015	01/15/2026
539830-BR-9	LOOKHEED MARTIN CORP	1			1.G FE	2,872,470	.96 4370	2,772,555	2,875,000	2,872,740		222			3.900	3.911	JD	4,983	112,125	04/21/2022	06/15/2032
546676-AW-7	LOUISVILLE GAS & ELEC 1ST MORTG	1			1.F FE	774,667	.97 5740	756,198	775,000	774,934		36			3.300	3.305	AO	6,394	25,575	09/21/2015	10/01/2025
548661-DR-5	LOWE'S COS INC SR UNSEC	2			2.A FE	4,899,870	.96 3850	4,819,229	5,000,000	4,922,213		12,967			3.650	3.980	AO	43,597	182,500	06/01/2022	04/05/2029
548661-EG-8	LOWE'S COS INC	1			2.A FE	6,994,820	.96 3190	6,742,322	7,000,000	6,996,576		980			3.350	3.366	AO	58,625	234,500	03/22/2022	04/01/2027
55336V-AK-6	MPLX LP SR UNSEC	2			2.B FE	1,921,805	.97 8880	1,884,351	1,925,000	1,923,868		328			4.125	4.145	MS	26,469	79,406	02/07/2017	03/01/2027
56585A-AG-7	MARATHON PETROLEUM CORP SR UNSEC	1			2.B FE	697,487	.98 4320	689,025	700,000	699,793		285			3.625	3.668	MS	7,472	25,375	09/02/2014	09/15/2024
571748-BG-6	MARSH & MCLENNAN COS INC SR UNSEC	2			1.G FE	2,449,143	.99 5030	2,437,823	2,450,000	2,449,657		57			4.375	4.378	MS	31,561	107,188	01/08/2019	03/15/2029
571748-BN-1	MARSH & MCLENNAN COS INC	1			1.G FE	6,242,113	.86 0760	6,025,308	7,000,000	6,362,686		77,677			2.250	3.738	MN	20,125	157,500	06/22/2022	11/15/2030
571748-BR-2	MARSH & MCLENNAN COS INC	1			1.G FE	5,957,700	.107 5170	6,451,000	6,000,000	5,961,503		3,261			5.750	5.844	MN	57,500	345,958	10/24/2022	11/01/2032
57629W-BV-1	MASSMUTUAL GLOBAL FUNDIN SR SEC	1			1.B FE	1,994,500	.99 4260	1,988,523	2,000,000	1,999,824		636			3.600	3.633	AO	16,400	72,000	04/02/2014	04/09/2024
57629W-CH-1	MASSMUTUAL GLOBAL FUNDIN SR SEC	1			1.B FE	4,989,800	.97 3730	4,868,652	5,000,000	4,996,555		1,492			3.400	3.433	MS	53,361	170,000	03/05/2019	03/08/2026
57636Q-AP-9	MASTERCARD INC	1			1.D FE	4,990,300	.95 3680	4,768,415	5,000,000	4,993,580		910			3.350	3.373	MS	44,201	167,500	03/24/2020	03/26/2030
57636Q-AR-5	MASTERCARD INC	1			1.D FE	3,988,840	.96 9720	3,878,881	4,000,000	3,994,524		1,576			3.300	3.345	MS	34,833	132,000	03/24/2020	03/26/2027
58013M-FL-3	MCDONALD S CORP SERIES MTN	1			2.A FE	11,975,065	.94 6450	11,357,344	12,000,000	11,992,238		4,570			1.450	1.490	MS	56,067	174,000	03/03/2020	09/01/2025
58013M-FS-8	MCDONALD S CORP	1			2.A FE	2,936,902	.100 9550	2,978,179	2,950,000	2,938,300		1,069			4.600	4.656	MS	42,218	135,700	09/06/2022	09/09/2032
581557-BU-8	MCKESSON CORP	1			2.A FE	6,972,477	.102 7650	7,193,553	7,000,000	6,973,999		1,522			5.100	5.150	JJ	194,367		06/08/2023	07/15/2033
58933Y-AR-6	MERCK & CO INC SR UNSEC	1			1.E FE	648,759	.97 7780	635,557	650,000	649,845		136			2.750	2.772	FA	7,001	17,875	03/26/2015	02/10/2025
58933Y-AZ-8	MERCK & CO INC	1			1.E FE	1,264,048	.83 5680	1,065,496	1,275,000	1,267,715		1,061			1.450	1.543	JD	359	18,488	06/16/2020	06/24/2030
58933Y-AG-0	MERCK & CO INC	1			1.E FE	7,992,960	.100 7390	8,059,129	8,000,000	7,993,314		354			4.500	4.511	MN	44,000	180,000	05/08/2023	05/17/2033
59156R-BQ-0	METLIFE INC SR UNSEC	1			1.G	999,920	.98 1810	981,813	1,000,000	999,983		9			3.600	3.601	MN	4,800	36,000	11/09/2015	11/13/2025
59156R-BZ-0	METLIFE INC	1			1.G FE	1,593,520	.100 5630	1,609,010	1,600,000	1,595,628		593			4.550	4.601	MS	19,818	72,800	03/19/2020	03/23/2030
59217G-ET-2	MET LIFE GLOB FUNDING I SERIES 144A	1			1.D FE	6,991,950	.82 9160	5,804,120	7,000,000	6,993,389		738			2.400	2.413	JJ	79,333	168,000	01/03/2022	01/11/2032
59217G-EZ-8	MET LIFE GLOB FUNDING I SERIES 144A	1			1.D FE	4,112,996	.92 7460	3,825,758	4,125,000	4,115,791		1,587			3.300	3.347	MS	37,813	136,125	03/14/2022	03/21/2029
59217G-GU-7	MET LIFE GLOB FUNDING I SERIES 144A	1			1.D FE	4,086,250	.80 0630	4,003,155	5,000,000	4,219,297		94,112			1.550	4.137	JJ	37,458	77,500	07/26/2022	01/07/2031
594918-CG-7	MICROSOFT CORP SERIES 144A	1			1.A FE	356,261	.97 4670	365,501	375,000	357,215		35			3.400	5.305	MS	3,754		10/27/2023	09/15/2026
594918-CH-5	MICROSOFT CORP SERIES 144A	1			1.A FE	2,347,977	.97 0810	2,427,016	2,500,000	2,354,041		6,064			3.400	5.271	JD	3,778	42,500	10/27/2023	06/15/2027
59523U-AR-8	MID AMERICA APARTMENTS	1			1.G FE	3,704,634	.87 4870	3,237,018	3,700,000	3,702,789		(485)			2.750	2.735	MS	29,960	101,750	01/15/2020	03/15/2030
59523U-AS-6	MID AMERICA APARTMENTS	1			1.G FE	4,898,651	.81 0790	4,893,133	4,925,000	4,906,622		2,402			1.700	1.756	FA	31,629	83,725	08/03/2020	02/15/2031
609207-AT-2	MONDELEZ INTERNATIONAL INC	1			2.B FE	568,444	.90 3230	518,456	574,000	570,328		526			2.750	2.862	AO	3,420	15,785	04/07/2020	04/13/2030
609207-AX-3	MONDELEZ INTERNATIONAL	1			2.B FE	6,729,429	.81 4810	6,477,739	7,950,000	6,929,136		120,969			1.500	3.523	FA	48,694	119,250	05/03/2022	02/04/2031
617446-BJ-1	MORGAN STANLEY SR UNSEC	1			1.E FE	3,226,883	.98 3490	3,171,765	3,225,000	3,225,222		(391)			2.720	2.707	JJ	38,743	87,720	07/18/2019	07/22/2025
617446-BQ-5	MORGAN STANLEY	2			1.E FE	1,000,000	.96 0650	960,655	1,000,000	1,000,000					2.188	2.155	AO	3,829	21,880	04/23/2020	04/28/2026
61744Y-AP-3	MORGAN STANLEY SR UNSEC	1			1.G FE	3,000,000	.95 3680	2,861,047	3,000,000	3,000,000					3.772	3.772	JJ	49,350	113,160	01/18/2018	01/24/2029
61746B-DZ-6	MORGAN STANLEY SR UNSEC	1			1.G FE	1,500,695	.97 9410	1,469,115	1,500,000	1,500,167		(76)			3.875	3.865	JJ	24,865	58,125	01/27/2018	01/27/2026
61761J-3R-8	MORGAN STANLEY SR UNSEC	1			1.G FE	3,476,200	.95 7550	3,351,433	3,500,000	3,493,148		2,518			3.125	3.205	JJ	46,788	109,375	07/20/2016	07/27/2026
631005-BJ-3	NARRAGANSETT ELECTRIC SERIES 144A	1			1.G FE	950,000	.91 0760	865,226	950,000	950,000					3.395	3.395	AO	7,346	32,253	04/07/2020	04/09/2030
637417-AG-1	NATIONAL RETAIL PROP INC SR UNSEC	1			2.A FE	1,506,090	.98 9810	1,484,718	1,500,000	1,500,207		(734)			3.900	3.850	JD	2,600	58,500	05/08/2014	06/15/2024
637417-AH-9	NATIONAL RETAIL PROP INC SR UNSEC	1			2.A FE	2,768,325	.97 8360	2,445,904	2,500,000	2,606,580		(64,560)			4.000	1.333	MN	12,778	100,000	06/17/2021	11/15/2025
637417-AL-0	NATIONAL RETAIL PROP INC SR UNSEC	2			2.A FE	943,236	.97 0270	921,757	950,000	946,424		657			4.300	4.388	AO	8,624	40,850	09/18/2018	10/15/2028
637432-NG-4	NATIONAL RURAL UTIL COOP COLLAT TRST	2			1.E FE	4,996,700	.97 0250	4,851,250	5,000,000	4,998,249		323			3.900	3.908	MN	32,500	195,000	10/24/2018	11/01/2028
637432-NS-0	NATIONAL RURAL UTIL COOP COLLAT TRST	2			1.E FE	4,988,850	.94 9080	4,745,401	5,000,000	4,993,900		1,043			3.700	3.726	MS	54,472	185,000	01/28/2019	03/15/2029
641423-CC-0	NEVADA POWER CO GENL REF MORT	2			1.F FE	4,980,800	.95 8570	4,792,842	5,000,000	4,988,989		1,832			3.700	3.746	MN	30,833	185,000	01/28/2019	05/01/2029
641423-CD-8	NEVADA POWER CO SERIES DD	1			1.F FE	2,992,200	.86 6810	2,600,433	3,000,000	2,994,923		733			2.400	2.429	MN	12,000	72,000	01/28/2020	05/01/2030

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
64952W-EZ-2	NEW YORK LIFE GLOBAL FDG SERIES 144A				1.A FE	7,985,360	.98	7,884,761	8,000,000	7,986,430		1,070			4.550	4.573	JJ	154,700	179,978	01/24/2023	01/28/2033
651229-AW-6	NEWELL BRANDS INC SR UNSEC				3.C FE	2,037,500	.98	1,972,422	2,000,000	2,020,522	(9,670)				4.200	3.665	AO	21,000	91,500	03/17/2022	04/01/2026
651229-BC-9	NEWELL BRANDS INC				3.B FE	720,000	.99	714,846	720,000	720,000					6.375	6.375	MS	13,515	46,028	09/09/2022	09/15/2027
65339K-BR-0	NEXTERA ENERGY CAPITAL				2.A FE	2,274,158	.85	1,946,100	2,275,000	2,274,452		78			2.250	2.254	JD	4,266	51,188	05/05/2020	06/01/2030
65342Q-AC-6	NEXTERA ENERGY OPERATING CO.GUARNT				3.A FE	3,313,533	.96	3,179,205	3,286,000	3,292,953		(12,724)			4.250	3.843	MS	41,121	139,655	03/17/2022	09/15/2024
65364U-AQ-9	NIAGARA MOHAWK POWER SERIES 144A				2.A FE	4,100,000	.83	3,439,204	4,100,000	4,100,000					2.759	2.759	JJ	53,732	113,119	01/05/2022	01/10/2032
665859-AV-6	NORTHERN TRUST CORP				1.E FE	7,048,186	.85	6,079,549	7,075,000	7,057,410		2,579			1.950	1.992	MN	22,994	137,963	04/28/2020	05/01/2030
666807-BN-1	NORTHROP GRUMMAN CORP SR UNSEC				2.A FE	2,073,900	.95	1,982,826	2,075,000	2,074,613		88			3.250	3.255	JJ	31,096	67,438	10/10/2017	01/15/2028
666807-BS-0	NORTHROP GRUMMAN CORP				2.A FE	2,738,973	.99	2,734,908	2,750,000	2,742,643		985			4.400	4.449	MN	20,167	121,000	03/19/2020	05/01/2030
66765R-CE-4	NORTHWEST NATURAL GAS CO 1ST MORTG				1.F FE	800,000	.90	723,780	800,000	800,000					2.822	2.822	MS	6,773	22,576	09/06/2017	09/13/2027
66815L-2K-4	NORTHWESTERN MUTUAL GLBL SERIES 144A				1.A FE	4,998,000	.98	4,929,456	5,000,000	4,998,479		370			4.350	4.359	MS	64,042	217,500	09/08/2022	09/15/2027
66980P-2A-6	BOC AVIATION USA CORP SERIES 144A				1.G FE	2,392,800	.98	2,369,538	2,400,000	2,399,203		2,425			1.625	1.728	AO	6,717	39,000	04/22/2021	04/29/2024
67021C-AP-2	NSTAR ELECTRIC CO				1.F FE	298,356	.95	286,127	300,000	298,900		152			3.950	4.017	AO	2,963	11,850	03/23/2020	04/01/2030
67021C-AR-8	NSTAR ELECTRIC CO				1.F FE	6,959,680	.81	5,723,674	7,000,000	6,968,475		3,790			1.950	2.014	FA	51,567	136,500	08/10/2021	08/15/2031
670346-AQ-6	NUCOR CORP				1.G FE	1,397,872	.95	1,343,978	1,400,000	1,399,380		428			2.000	2.032	JD	2,333	28,000	05/20/2020	06/01/2025
67103H-AE-7	O'REILLY AUTOMOTIVE INC SR UNSEC				2.A FE	249,580	.97	242,917	250,000	249,895		45			3.550	3.570	MS	2,613	8,875	03/01/2016	03/15/2026
67103H-AK-3	O'REILLY AUTOMOTIVE INC				2.B FE	4,827,884	.81	3,929,924	4,850,000	4,834,351		2,014			1.750	1.798	MS	24,991	84,875	09/09/2020	03/15/2031
67103H-AL-1	O'REILLY AUTOMOTIVE INC				2.B FE	7,974,720	.98	7,913,697	8,000,000	7,977,900		2,081			4.700	4.740	JD	16,711	376,000	06/06/2022	06/15/2032
677415-CS-8	OHIO POWER COMPANY SERIES P				2.A FE	1,848,039	.87	1,620,063	1,850,000	1,848,729		185			2.600	2.612	AO	12,025	48,100	03/13/2020	04/01/2030
678858-BU-4	OKLAHOMA G&E CO SR UNSEC				1.G FE	1,495,605	.91	1,370,002	1,500,000	1,497,249		392			3.300	3.333	MS	14,575	49,500	06/04/2019	03/15/2030
68233J-BU-7	ONCOR ELECTRIC DELIVERY				1.F FE	7,124,414	.89	6,216,809	6,950,000	7,090,276		(21,133)			2.750	2.392	MN	24,422	191,125	05/09/2022	05/15/2030
68233J-CF-9	ONCOR ELECTRIC DELIVERY SERIES W/I				1.F FE	6,676,799	.95	6,430,596	6,700,000	6,679,034		2,234			4.150	4.195	JD	23,171	278,050	01/13/2023	06/01/2032
68235P-AE-8	ONE GAS INC SR UNSEC				1.G FE	600,000	.99	598,869	600,000	600,000					3.610	3.610	FA	9,025	21,660	01/13/2014	02/01/2024
68235P-AH-1	ONE GAS INC				1.G FE	497,380	.84	424,070	500,000	498,275		251			2.000	2.058	MN	1,278	10,000	04/29/2020	05/15/2030
68389X-AU-9	ORACLE CORP SR UNSEC				2.B FE	424,035	.98	420,036	425,000	424,941		110			3.400	3.427	JJ	6,944	14,450	06/30/2014	07/08/2024
68389X-BM-6	ORACLE CORP SR UNSEC				2.B FE	1,494,360	.94	1,422,262	1,500,000	1,498,428		591			2.650	2.693	JJ	18,329	39,750	06/29/2016	07/15/2026
68389X-BU-8	ORACLE CORP				2.B FE	8,825,474	.94	9,432,406	10,000,000	8,825,474					3.000	4.795	AO	70,000	280,000	03/30/2020	04/01/2027
693475-AW-5	PNC FINANCIAL SERVICES SR UNSEC				1.G FE	1,272,960	.94	1,207,149	1,275,000	1,273,831		197			3.450	3.469	AO	8,309	43,988	04/16/2019	04/23/2029
693475-AX-3	PNC FINANCIAL SERVICES SR UNSEC				2	3,992,360	.94	3,787,665	4,000,000	3,997,043		1,103			2.600	2.630	JJ	45,644	104,000	07/18/2019	07/23/2026
693475-AZ-8	PNC FINANCIAL SERVICES				1.G FE	1,994,400	.87	1,749,546	2,000,000	1,996,438		537			2.550	2.525	JJ	22,525	51,000	01/16/2020	01/22/2030
69349L-AR-9	PNC BANK NA SUBORD				1.G FE	5,102,589	.96	4,914,199	5,100,000	5,101,319		(259)			4.050	4.044	JJ	88,931	206,550	07/30/2018	07/26/2028
69349L-AS-7	PNC BANK NA SERIES BKNT				1.G FE	2,414,888	.87	2,125,705	2,425,000	2,418,797		972			2.700	2.740	AO	12,549	65,475	10/17/2019	10/22/2029
69352P-AL-7	PPL CAPITAL FUNDING INC CO.GUARNT				2.A FE	2,097,312	.95	2,012,672	2,100,000	2,099,285		286			3.100	3.115	MN	8,318	65,100	05/12/2016	05/15/2026
6944PL-2S-7	PACIFIC LIFE GF II SERIES 144A				1.D FE	5,976,780	.99	5,988,220	6,000,000	5,979,961		3,181			4.900	4.988	AO	71,050	150,267	03/28/2023	04/04/2028
695156-AT-6	PACKAGING CORP OF AMERIC SR UNSEC				2.B FE	1,495,080	.95	1,427,989	1,500,000	1,497,855		498			3.400	3.439	JD	2,267	51,000	12/11/2017	12/15/2027
695156-AU-3	PACKAGING CORP OF AMERIC				2.B FE	773,985	.90	701,470	775,000	774,371		95			3.000	3.287	JD	1,033	23,250	11/18/2019	12/15/2029
701094-AM-6	PARKER-HANNIFIN CORP SR UNSEC				2.A FE	2,074,046	.98	2,047,750	2,075,000	2,074,909		199			2.700	2.710	JD	2,646	56,025	06/05/2019	06/14/2024
701094-AN-4	PARKER-HANNIFIN CORP SR UNSEC				2.A FE	797,496	.94	752,721	800,000	798,535		242			3.250	3.287	JD	1,228	26,000	06/05/2019	06/14/2029
708696-BZ-1	PENNSYLVANIA ELECTRIC CO SR UNSEC				2.A FE	698,663	.92	744,000	700,000	699,216		129			3.600	3.623	JD	2,100	25,200	05/28/2019	06/01/2029
713448-ER-5	PEPSICO INC				1.E FE	1,964,868	.94	1,872,843	1,975,000	1,970,277		1,387			2.625	2.703	MS	14,689	51,844	03/17/2020	03/19/2027
713448-ES-3	PEPSICO INC				1.E FE	2,014,126	.91	1,860,207	2,025,000	2,018,140		996			2.750	2.810	MS	15,778	55,688	03/17/2020	03/19/2030
713448-EZ-7	PEPSICO INC				1.E FE	2,837,717	.85	2,427,783	2,850,000	2,841,987		1,189			1.625	1.672	MN	7,719	46,313	04/29/2020	05/01/2030
713448-FM-5	PEPSICO INC				1.E FE	5,441,498	.97	5,331,059	5,450,000	5,442,539		722			3.900	3.919	JJ	96,238	212,550	07/14/2022	07/18/2032
714046-AN-9	PERKINELMER INC				2.B FE	4,114,800	.81	4,099,722	5,000,000	4,245,466		79,852			2.250	4.599	MS	33,125	112,500	05/04/2022	09/15/2031
714270-AA-6	PERNOD RIC INTL FIN LLC SERIES 144A				2.A FE	6,997,127	.87	6,405,008	7,350,000	7,124,711		50,244			1.250	2.006	AO	22,969	91,875	06/03/2021	04/01/2028

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ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
714270-AB-4	PERNOD RIC INTL FIN LLC SERIES 144A	1			2.A FE	5,668,180	.80	4,980	7,000,000	5,862,380		131,163		-1,625	4.253	AO		28,438	113,750	09/12/2022	04/01/2031
717081-EH-9	PFIZER INC	1			1.F FE	7,473,750	.90	1,950	7,500,000	7,482,821		2,492		-2,625	2.665	AO		49,219	196,875	03/25/2020	04/01/2030
718546-AY-0	PHILLIPS 66	1			2.A FE	6,717,737	.99	3810	6,725,000	6,724,722		2,267		0.900	0.934	FA		22,865	60,525	11/16/2020	02/15/2024
718547-AF-9	PHILLIPS 66 CO SERIES W1	1			2.A FE	1,419,663	.96	4120	1,450,000	1,425,229		5,566		-3,550	4.215	AO		12,869	25,738	05/05/2023	10/01/2026
722844-AA-5	PINE STREET TRUST I SECURED	2			2.A FE	2,936,370	.95	0900	3,000,000	2,949,518		8,467		-4,572	4.948	FA		51,816	137,160	06/09/2022	02/15/2029
73179P-AM-8	POLYONE CORP SERIES 144A	1			3.C FE	375,000	100.00	3000	375,000	375,000				-5,750	5.750	MN		2,755	21,563	04/29/2020	05/15/2025
74153W-CL-1	PRICOA GLOBAL FUNDING 1 SERIES 144A	1			1.D FE	9,999,100	.97	7850	10,000,000	9,999,863		185		-2,400	2.402	MS		65,333	240,000	09/16/2019	09/23/2024
74166M-AB-2	PRIME SECSVC BRW/FINANC SR SEC	1			3.B FE	690,975	.99	1370	666,000	667,838		(6,072)		-5,250	4.297	FA		13,209	34,965	12/04/2019	04/15/2024
74251V-AM-4	PRINCIPAL FINANCIAL GROU CO GUARNT	1			1.G FE	2,681,695	.95	2280	2,675,000	2,677,045		(714)		-3,100	3.070	MN		10,596	82,925	11/07/2016	11/15/2026
74256L-EG-0	PRINCIPAL LIFE GLB FND II SERIES 144A	1			1.E FE	1,987,820	.79	2820	2,000,000	1,991,764		1,165		-1,500	1.565	FA		10,333	30,000	08/20/2020	08/27/2030
742718-FG-9	PROCTER & GAMBLE CO THE	1			1.D FE	4,638,282	.95	7340	4,650,000	4,644,305		1,658		-2,800	2.840	MS		34,720	130,200	03/23/2020	03/25/2027
742718-FH-7	PROCTER & GAMBLE CO THE	1			1.D FE	1,845,560	.93	6440	1,850,000	1,847,079		419		-3,000	3.028	MS		14,800	55,500	03/23/2020	03/25/2030
743315-AW-3	PROGRESSIVE CORP	1			1.F FE	475,000	.92	4350	475,000	475,000				-3,200	3.197	MS		4,011	15,200	03/17/2020	03/26/2030
743315-BB-8	PROGRESSIVE CORP	1			1.F FE	7,995,280	102.59	4000	8,000,000	7,995,781		501		-4,950	4.957	JD		17,600	220,000	05/22/2023	06/15/2033
74340X-BK-6	PROLOGIS LP	1			1.G FE	894,738	.96	4710	900,000	897,693		788		-3,250	3.348	AO		7,313	29,250	01/23/2020	10/01/2026
74340X-BL-4	PROLOGIS LP	1			1.G FE	3,042,821	.98	3000	3,050,000	3,045,614		754		-4,375	4.407	FA		55,599	133,438	01/23/2020	02/01/2029
74340X-BX-8	PROLOGIS LP	1			1.G FE	2,645,347	.97	5250	2,850,000	2,682,915		30,419		-4,000	5.430	MS		33,567	114,000	10/04/2022	09/15/2028
74340X-BZ-3	PROLOGIS LP	1			1.G FE	739,896	.83	4090	950,000	768,086		22,923		-1,750	5.267	JJ		8,313	16,625	10/04/2022	07/01/2030
74368C-BG-8	PROTECTIVE LIFE SERIES 144A	1			1.D FE	7,000,000	.88	5360	7,000,000	7,000,000				-1,900	1.900	JJ		64,653	133,000	06/28/2021	07/06/2028
743820-AA-0	PROV ST JOSEPH HLTH OBL SERIES 19A	1			1.F FE	5,115,000	.87	5070	4,475,958	5,115,000				-2,532	2.531	AO		32,378	129,512	09/24/2019	10/01/2029
744320-CG-8	PRUDENTIAL FINANCIAL INC SERIES MTN	1			1.G FE	2,992,470	.87	6180	3,000,000	2,995,154		724		-2,100	2.128	MS		19,425	63,000	03/05/2020	03/10/2030
744320-CH-6	PRUDENTIAL FINANCIAL INC SERIES MTN	1			1.G FE	1,941,654	.93	2090	1,950,000	1,946,864		1,395		-1,500	1.575	MS		9,019	29,250	03/05/2020	03/10/2026
744448-CW-9	PUBLIC SERVICE COLORADO SERIES 38	1			1.E FE	3,800,979	.95	7920	3,825,000	3,804,280		2,016		-4,100	4.177	JD		13,069	156,825	05/10/2022	06/01/2032
744533-BQ-2	PUBLIC SERVICE OKLAHOMA	1			1.G FE	6,978,300	100.69	5000	7,000,000	6,980,100		1,800		-5,250	5.290	JJ		169,458	193,958	01/03/2023	01/15/2033
74834L-AZ-3	QUEST DIAGNOSTICS INC SR UNSEC	1			2.B FE	847,646	.97	2220	850,000	849,357		251		-3,450	3.483	JD		2,444	29,325	05/23/2016	06/01/2026
74949L-AC-6	RELX CAPITAL INC CO GUARNT	2			2.A FE	691,873	.98	3030	700,000	695,352		783		-4,000	4.143	MS		8,011	28,000	03/11/2019	03/18/2029
74949L-AD-1	RELX CAPITAL INC	1			2.A FE	2,143,803	.92	0120	2,150,000	2,145,821		580		-3,000	3.034	MN		6,988	64,500	05/18/2020	05/22/2030
74949L-AE-2	RELX CAPITAL INC	1			2.A FE	1,685,057	100.78	6000	1,700,000	1,687,014		1,227		-4,750	4.862	MN		9,197	80,750	05/17/2022	05/20/2032
75513E-CG-4	RTX CORP SERIES W1	1			2.A FE	5,265,202	.99	5070	4,975,340	5,003,322		(86,491)		-3,200	1.444	MS		47,111	160,000	12/08/2020	03/15/2024
75513E-CH-2	RTX CORP SERIES W1	1			2.A FE	1,444,334	.96	3560	1,350,000	1,397,891		13,913		-3,500	2.252	MS		13,913	47,250	12/08/2020	03/15/2027
75884R-AU-7	REGENCY CENTERS LP CO GUARNT	1			2.A FE	3,777,920	.96	9100	3,876,394	3,862,171		69,237		-3,900	5.913	MN		26,000	156,000	10/07/2022	11/01/2025
75884R-AX-1	REGENCY CENTERS LP CO GUARNT	1			2.A FE	1,173,085	.95	8940	1,175,000	1,174,104		191		-4,125	4.145	MS		14,271	48,469	02/28/2018	03/15/2028
75884R-AY-6	REGENCY CENTERS LP CO UNSEC	2			2.A FE	3,996,120	.89	6670	4,000,000	3,997,704		364		-2,950	2.961	MS		34,744	118,000	08/13/2019	09/15/2029
75951A-AL-2	RELIANCE STAND LIFE II SERIES 144A	1			1.E FE	15,192,411	.97	3270	15,300,000	15,279,458		24,209		-2,500	2.665	AO		64,813	382,500	04/22/2020	10/30/2024
75951A-AN-8	RELIANCE STAND LIFE II SERIES 144A	1			1.E FE	7,130,123	.91	8780	7,150,000	7,140,852		2,831		-2,750	2.794	JJ		87,389	196,625	01/13/2020	01/21/2027
760759-AQ-1	REPUBLIC SERVICES INC SR UNSEC	1			2.A FE	1,148,218	.95	9960	1,150,000	1,149,504		189		-2,900	2.918	JJ		16,675	33,350	06/23/2016	07/01/2026
760759-AS-9	REPUBLIC SERVICES INC SR UNSEC	1			2.A FE	324,454	.96	0470	325,000	324,767		56		-3,375	3.395	MN		1,402	10,969	11/13/2017	11/15/2027
760759-AU-4	REPUBLIC SERVICES INC SR UNSEC	2			2.A FE	3,120,000	.98	0990	3,125,000	3,124,348		1,028		-2,500	2.534	FA		29,514	78,125	07/29/2019	08/15/2024
760759-AX-8	REPUBLIC SERVICES INC	1			2.A FE	6,287,564	.81	1200	7,763,000	6,527,559		146,438		-1,450	4.033	FA		42,524	112,564	04/19/2022	02/15/2031
760759-AY-6	REPUBLIC SERVICES INC	1			2.A FE	1,948,011	.92	6320	1,950,000	1,949,241		400		-0,875	0.896	MN		2,180	17,063	11/09/2020	11/15/2025
76209P-AB-9	RGA GLOBAL FUNDING SERIES 144A	1			1.E FE	8,309,702	.88	7010	8,850,000	8,420,964		72,841		-2,700	3.736	JJ		108,191	238,950	06/14/2022	01/18/2029
77313L-AA-1	ROCKETMTCOE CO ISSUER INC SERIES 144A	1			3.A FE	4,537,500	.92	2500	5,000,000	4,705,932		95,677		-2,875	5.169	AO		30,347	143,750	03/15/2022	10/15/2026
776743-AL-0	ROPER TECHNOLOGIES INC	1			2.A FE	14,975,850	.82	3650	15,000,000	14,983,769		2,121		-1,750	1.766	FA		99,167	262,500	08/18/2020	02/15/2031
78403D-AT-7	SBA TOWER TRUST SERIES 144A	2			1.F FE	2,500,000	.89	3890	2,500,000	2,500,000				-1,631	1.631	MON		1,812	40,775	04/29/2021	05/15/2051
78403D-AV-2	SBA TOWER TRUST SERIES 144A	2			1.F FE	4,200,000	.88	6260	4,200,000	4,200,000				-1,840	1.840	MON		3,435	77,280	10/08/2021	10/15/2051

E10.11

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
79466L-AF-1	SALESFORCE.COM INC SR UNSEC	1			1.F FE	4,848,788	.97 9850	4,752,274	4,850,000	4,849,427		121			3.700	3.703	AO	39,878	179,450	04/05/2018	04/11/2028
808513-BA-2	CHARLES SCHWAB CORP SR UNSEC	2			1.F FE	2,989,590	.93 7720	2,813,148	3,000,000	2,993,970		1,006			3.250	3.291	MM	10,563	97,500	05/20/2019	05/22/2029
808513-BF-1	CHARLES SCHWAB CORP	1			1.F FE	6,991,460	.91 6700	6,416,934	7,000,000	6,996,376		1,626			0.900	0.924	MS	19,250	63,000	12/08/2020	03/11/2026
808513-CJ-2	CHARLES SCHWAB CORP	1			1.F FE	8,000,000	104 8650	8,389,178	8,000,000	8,000,000					6.196	6.191	MM	60,583		11/15/2023	11/17/2029
824348-AV-8	SHERWIN-WILLIAMS CO SR UNSEC	1			2.B FE	4,992,400	.98 9350	4,946,733	5,000,000	4,999,508		1,160			3.125	3.149	JD	13,021	156,250	05/02/2017	06/01/2024
824348-AW-6	SHERWIN-WILLIAMS CO SR UNSEC	1			2.B FE	1,594,192	.96 5250	1,544,399	1,600,000	1,597,803		596			3.450	3.493	JD	4,600	55,200	05/02/2017	06/01/2027
824348-BN-5	SHERWIN WILLIAMS CO	1			2.B FE	2,340,318	.83 1700	1,954,491	2,350,000	2,342,121		864			2.200	2.245	MS	15,223	51,700	11/08/2021	03/15/2032
828807-DC-8	SIMON PROPERTY GROUP LP SR UNSEC	1			1.G FE	1,987,680	.95 8040	1,916,079	2,000,000	1,995,287		1,264			3.375	3.448	JD	3,000	67,500	05/22/2017	06/15/2027
828807-DE-4	SIMON PROPERTY GROUP LP SR UNSEC	1			1.G FE	1,984,280	.95 2480	1,904,963	2,000,000	1,993,173		1,601			3.375	3.469	JD	5,625	67,500	11/30/2017	12/01/2027
82967N-BL-1	SIRIUS XM RADIO INC SERIES 144A	1			3.C FE	4,425,000	.93 9670	4,425,846	4,710,000	4,532,299		60,882			3.125	4.643	MS	49,063	147,188	03/15/2022	09/01/2026
832696-AR-9	JM SMUCKER CO SR UNSEC	1			2.B FE	1,999,320	.95 0400	1,900,802	2,000,000	1,999,710		67			3.375	3.379	JD	3,000	67,500	12/04/2017	12/15/2027
845011-AA-3	SOUTHWEST GAS CORP SR UNSEC	1			2.A FE	1,597,040	.95 6840	1,530,946	1,600,000	1,598,626		293			3.700	3.722	AO	14,800	59,200	03/12/2018	04/01/2028
845011-AC-9	SOUTHWEST GAS CORP	1			2.A FE	549,307	.85 1050	468,078	550,000	549,538		66			2.200	2.214	JD	538	12,100	06/01/2020	06/15/2030
84756N-AH-2	SPECTRA ENERGY PARTNERS CO GUARNT	1			2.A FE	424,426	.96 2730	409,159	425,000	424,820		61			3.375	3.391	AO	3,028	14,344	10/05/2016	10/15/2026
85172F-AM-1	SPRINGLEAF FINANCE CORP	1			3.B FE	1,049,800	101 2280	1,012,280	1,000,000	1,021,001		(16,513)			6.875	5.052	MS	20,243	68,750	03/21/2022	03/15/2025
85434V-AB-4	STANFORD HEALTH CARE	1			1.D FE	190,000	.92 3270	175,421	190,000	190,000					3.310	3.310	FA	2,376	6,289	03/25/2020	08/15/2030
855244-AZ-2	STARBUCKS CORP	1			2.A FE	6,112,540	.88 4420	6,190,968	7,000,000	6,253,538		91,293			2.550	4.363	MM	22,808	178,500	06/08/2022	11/15/2030
857477-BG-7	STATE STREET CORP	1			1.F FE	1,469,012	.89 2550	1,316,505	1,475,000	1,471,198		575			2.400	2.446	JJ	15,438	35,400	01/21/2020	01/24/2030
857477-BY-8	STATE STREET CORP	2			1.F FE	4,375,000	103 7620	4,539,579	4,375,000	4,375,000					5.820	5.820	MM	40,316	254,625	11/01/2022	11/04/2028
858119-BJ-8	STEEL DYNAMICS INC	1			2.B FE	4,746,438	.97 5160	4,632,014	4,750,000	4,749,285		729			2.800	2.816	JD	5,911	133,000	12/09/2019	12/15/2024
863667-BA-8	STRYKER CORP	1			2.A FE	2,419,326	.94 5510	2,292,860	2,425,000	2,423,326		1,135			1.150	1.198	JD	1,239	27,888	05/26/2020	06/15/2025
871829-BC-0	SYSCO CORP CO GUARNT	1			2.B FE	796,984	.96 5240	772,192	800,000	799,151		316			3.300	3.344	JJ	12,173	26,400	03/22/2016	07/15/2026
871829-BF-3	SYSCO CORP CO GUARNT	1			2.B FE	994,630	.95 5850	955,855	1,000,000	997,914		647			3.250	3.313	JJ	14,986	32,500	06/19/2017	07/15/2027
871829-BK-0	SYSCO CORPORATION	1			2.B FE	1,992,940	.88 2080	1,764,161	2,000,000	1,995,670		549			2.400	2.438	FA	18,400	48,000	02/11/2020	02/15/2030
87264A-BR-5	T MOBILE USA INC	1			2.B FE	3,450,000	.94 7580	3,269,153	3,450,000	3,450,000					2.250	2.250	FA	29,325	77,625	01/11/2021	02/15/2026
872898-AF-8	TSMC ARIZONA CORP	1			1.D FE	3,319,314	.97 7910	3,251,539	3,325,000	3,321,120		1,078			3.875	3.913	AO	24,695	128,844	04/19/2022	04/22/2027
87612E-BJ-4	TARGET CORP	1			1.F FE	598,878	.89 2240	535,343	600,000	599,288		107			2.350	2.371	FA	5,327	14,100	01/21/2020	02/15/2030
87612E-BK-1	TARGET CORP	1			1.F FE	497,965	.89 5190	447,596	500,000	498,629		184			2.650	2.695	MS	3,901	13,250	03/26/2020	09/15/2030
87612E-BL-9	TARGET CORP	1			1.F FE	10,083,234	.96 9820	9,793,113	10,100,000	10,095,554		3,364			2.250	2.285	AO	47,975	227,250	03/26/2020	04/15/2025
882508-BB-9	TEXAS INSTRUMENTS INC SR UNSEC	1			1.D FE	1,761,350	.98 9680	1,766,678	1,775,000	1,774,215		2,081			2.625	2.746	MM	5,954	46,594	04/27/2017	05/15/2024
882508-BH-6	TEXAS INSTRUMENTS INC	1			1.E FE	2,346,499	.96 1660	2,259,898	2,350,000	2,349,141		707			1.375	1.406	MS	9,784	32,313	03/03/2020	03/12/2025
882508-CB-8	TEXAS INSTRUMENTS INC	1			1.E FE	5,187,550	103 8360	5,191,808	5,000,000	5,177,880		(9,670)			4.900	4.415	MS	72,819	122,500	05/11/2023	03/14/2033
883203-BI-0	TEXTRON INC SR UNSEC	1			2.B FE	1,017,231	.98 0050	1,004,555	1,025,000	1,023,012		844			4.000	4.093	MS	12,072	41,000	03/04/2016	03/15/2026
883203-BY-6	TEXTRON INC SR UNSEC	1			2.B FE	1,822,100	.94 2440	1,719,957	1,825,000	1,823,716		282			3.375	3.393	MS	20,531	61,594	10/12/2017	03/01/2028
883556-CL-4	THERMO FISHER SCIENTIFIC	1			1.G FE	1,309,458	.84 2560	1,116,390	1,325,000	1,312,799		1,425			2.000	2.129	AO	5,594	26,500	08/09/2021	10/15/2031
883556-CS-9	THERMO FISHER SCIENTIFIC	1			1.G FE	7,000,000	.96 8150	6,777,050	7,000,000	7,000,000					1.215	1.215	AO	17,246	85,050	10/19/2021	10/18/2024
883556-CU-4	THERMO FISHER SCIENTIFIC	1			1.G FE	6,985,790	103 1950	7,223,645	7,000,000	6,987,050		1,133			4.950	4.976	MM	38,500	346,500	11/14/2022	11/21/2032
887389-AJ-3	TIMKEN CO SR UNSEC	1			2.B FE	989,710	.98 5870	985,873	1,000,000	999,139		1,253			3.875	4.008	MS	12,917	38,750	08/13/2014	09/01/2024
892356-AA-4	TRACTOR SUPPLY CO	1			2.B FE	4,301,019	.81 8980	3,562,547	4,350,000	4,315,569		4,677			1.750	1.874	MM	12,688	76,125	10/27/2020	11/01/2030
89236T-FT-7	TOYOTA MOTOR CREDIT CORP SR UNSEC	1			1.E FE	4,981,350	.97 6860	4,884,309	5,000,000	4,989,789		1,820			3.650	3.695	JJ	87,701	182,500	01/03/2019	01/08/2029
89236T-JZ-9	TOYOTA MOTOR CREDIT CORP	1			1.E FE	6,999,370	.95 8290	6,708,031	7,000,000	6,999,583		121			3.050	3.052	MS	58,713	213,500	03/17/2022	03/22/2027
89788J-AA-7	TRUIST BANK SERIES BKNT	2			1.F FE	4,989,700	.95 5240	4,776,184	5,000,000	4,997,549		2,027			1.500	1.542	MS	23,333	75,000	03/04/2020	03/10/2025
89788K-AA-4	TRUIST BANK SERIES BKNT	2			1.F FE	1,472,640	.82 8830	1,222,519	1,475,000	1,473,596		211			2.250	2.267	MS	10,325	33,188	03/04/2020	03/11/2030
902494-BJ-1	TYSON FOODS INC SR UNSEC	1			2.B FE	4,982,350	.98 0540	4,902,687	5,000,000	4,994,054		2,574			4.000	4.058	MS	66,667	200,000	02/13/2019	03/01/2026
904764-AS-6	UNILEVER CAPITAL CORP CO GUARNT	1			1.E FE	518,900	.97 7900	513,398	525,000	523,902		667			3.100	3.237	JJ	6,826	16,275	07/28/2015	07/30/2025

E10.12

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
904764-BH-9	UNILEVER CAPITAL CORP CO.GUARNT				1.E FE	1,337,837	.89.1910	1,204,077	1,350,000	1,342,765		1,181			2.125	2.226	MS	9,164	28,688	09/03/2019	09/06/2029
906548-CR-1	UNION ELECTRIC CO				1.F FE	2,997,420	.90.2840	2,708,517	3,000,000	2,998,709		187			2.950	2.958	MS	26,058	88,500	03/17/2020	03/15/2030
91159H-HG-8	US BANCORP SR UNSEC				1.G FE	1,398,488	.99.7990	1,397,184	1,400,000	1,399,986		177			3.700	3.713	JJ	21,727	51,800	01/27/2014	01/30/2024
91159H-HZ-6	US BANCORP				1.G FE	4,994,250	.95.1710	4,758,535	5,000,000	4,998,391		1,160			1.450	1.474	MN	9,868	72,500	05/08/2020	05/12/2025
91324P-CV-2	UNITEDHEALTH GROUP INC SR UNSEC				1.F FE	524,585	.97.0850	509,695	525,000	524,900		43			3.100	3.109	MS	4,792	16,275	02/22/2016	03/15/2026
91324P-DS-8	UNITEDHEALTH GROUP INC SR UNSEC				1.F FE	9,997,300	.92.8150	9,281,502	10,000,000	9,998,470		247			2.875	2.878	FA	108,611	287,500	07/23/2019	08/15/2029
91324P-DW-9	UNITEDHEALTH GROUP INC				1.F FE	4,482,585	.93.6330	4,213,464	4,500,000	4,493,570		3,092			1.250	1.321	JJ	25,938	56,250	05/13/2020	01/15/2026
91324P-DX-7	UNITEDHEALTH GROUP INC				1.F FE	1,412,987	.86.4300	1,231,624	1,425,000	1,417,054		1,153			2.000	2.094	MN	3,642	28,500	05/13/2020	05/15/2030
92277G-AG-2	VENTAS REALTY LP CO.GUARNT				2.A FE	595,308	.97.4880	584,927	600,000	598,921		497			4.125	4.218	JJ	11,413	24,750	07/09/2015	01/15/2026
92277G-AM-9	VENTAS REALTY LP CO.GUARNT				2.A FE	2,976,990	.95.5420	2,866,264	3,000,000	2,989,309		2,306			4.000	4.094	MS	40,000	120,000	02/13/2018	03/01/2028
92343V-EN-0	VERIZON COMMUNICATIONS SR UNSEC				2.A FE	2,368,828	.98.1240	2,349,083	2,394,000	2,389,585		3,792			3.376	3.545	FA	30,533	80,821	01/19/2018	02/15/2025
92343V-ER-1	VERIZON COMMUNICATIONS SR UNSEC				2.A FE	698,824	.98.9260	697,426	705,000	701,810		594			4.329	4.436	MS	8,478	30,519	10/23/2018	09/21/2028
92343V-ES-9	VERIZON COMMUNICATIONS SR UNSEC				2.A FE	1,746,693	.96.9480	1,696,593	1,750,000	1,748,154		321			3.875	3.898	FA	26,937	67,813	02/05/2019	02/08/2029
92343V-FE-9	VERIZON COMMUNICATIONS				2.A FE	5,341,174	.91.4010	5,438,365	5,950,000	5,425,704		68,571			3.150	4.773	MS	51,542	187,425	10/12/2022	03/22/2030
92343V-FF-6	VERIZON COMMUNICATIONS				2.A FE	3,298,350	.95.0730	3,137,398	3,300,000	3,299,200		233			3.000	3.008	MS	27,225	99,000	03/17/2020	03/22/2027
92343V-FL-3	VERIZON COMMUNICATIONS				2.A FE	3,895,671	.82.3860	3,213,039	3,900,000	3,897,023		418			1.500	1.512	MS	16,738	58,500	09/16/2020	09/18/2030
92345Y-AD-8	VERISK ANALYTICS INC SR UNSEC				2.B FE	994,630	.98.2470	982,472	1,000,000	999,092		595			4.000	4.065	JD	1,778	40,000	05/11/2015	06/15/2025
92345Y-AF-3	VERISK ANALYTICS INC SR UNSEC				2.B FE	972,767	.97.5500	951,115	975,000	973,733		214			4.125	4.153	MS	11,842	40,219	02/27/2019	03/15/2029
92345Y-AH-9	VERISK ANALYTICS INC				2.B FE	5,942,340	107.2580	6,435,499	6,000,000	5,946,228		3,888			5.750	5.877	AO	86,250	195,500	03/02/2023	04/01/2033
92556V-AC-0	VIATRIS INC				2.C FE	2,599,318	.90.6930	2,358,017	2,600,000	2,599,592		111			2.300	2.305	JD	1,495	59,800	10/28/2021	06/22/2027
92556V-AD-8	VIATRIS INC				2.C FE	2,542,976	.84.6520	2,158,618	2,550,000	2,544,628		749			2.700	2.736	JD	1,721	68,850	10/28/2021	06/22/2030
927804-FU-3	VIRGINIA ELEC & POWER CO SR UNSEC				2.A FE	1,374,876	.96.9210	1,332,667	1,375,000	1,374,972		13			3.150	3.151	JJ	19,972	43,313	01/12/2016	01/15/2026
92826C-AH-5	VISA INC SR UNSEC				1.D FE	3,461,280	.95.1960	3,331,877	3,500,000	3,484,328		3,948			2.750	2.878	MS	28,340	96,250	09/28/2017	09/15/2027
92826C-AL-6	VISA INC				1.D FE	7,478,850	.92.9490	6,971,154	7,500,000	7,489,776		2,989			1.900	1.943	AO	30,083	142,500	03/31/2020	04/15/2027
928563-AH-8	VMIARE INC				2.C FE	3,998,080	.97.1230	3,884,920	4,000,000	3,999,603		634			1.000	1.016	FA	15,111	40,000	07/20/2021	08/15/2024
928668-BN-1	VOLKSWAGEN GROUP AMERICA SERIES 144A				2.A FE	6,909,070	.88.1790	6,172,506	7,000,000	6,944,216		13,683			1.625	1.838	MN	11,691	113,820	05/20/2021	11/24/2027
928668-BT-8	VOLKSWAGEN GROUP AMERICA SERIES 144A				2.A FE	5,992,200	.98.0650	5,883,900	6,000,000	5,993,735		993			4.600	4.622	JD	17,633	276,000	05/31/2022	06/08/2029
929160-AT-6	VULCAN MATERIALS CO SR UNSEC				2.B FE	1,553,942	.96.7840	1,451,764	1,500,000	1,518,947		(5,873)			3.900	3.454	AO	14,625	58,500	06/12/2017	04/01/2027
92939U-AD-8	WEC ENERGY GROUP INC				2.A FE	9,992,000	.88.3880	8,838,772	10,000,000	9,995,591		1,125			1.375	1.388	AO	29,028	137,500	10/05/2020	10/15/2027
92940P-AE-4	WRKCO INC CO.GUARNT				2.B FE	969,767	.95.4310	925,683	970,000	969,882		24			3.900	3.903	JD	3,153	37,830	05/16/2019	06/01/2028
931427-AQ-1	WALGREENS BOOTS ALLIANCE SR UNSEC				2.C FE	2,295,667	.95.0790	2,163,055	2,275,000	2,280,205		(2,286)			3.450	3.339	JD	6,541	78,488	06/23/2016	06/01/2026
94106L-BS-7	WASTE MANAGEMENT INC				2.A FE	6,989,500	.97.6290	6,834,060	7,000,000	6,990,790		912			4.150	4.169	AO	61,328	290,500	04/28/2022	04/15/2032
948741-AM-5	WEINGARTEN REALTY INVEST SR UNSEC				2.A FE	495,775	.94.7050	473,546	500,000	498,755		447			3.250	3.350	FA	6,139	16,250	08/02/2016	08/15/2026
949746-RW-3	WELLS FARGO & COMPANY SR UNSEC				2.A FE	1,993,140	.95.7890	1,915,783	2,000,000	1,998,230		729			3.000	3.040	AO	11,500	60,000	04/15/2016	04/22/2026
94974B-GH-7	WELLS FARGO & COMPANY SR UNSEC				2.A FE	996,660	.97.7480	977,479	1,000,000	999,569		368			3.000	3.039	FA	11,000	30,000	02/11/2015	02/19/2025
95000U-2D-4	WELLS FARGO & COMPANY SR UNSEC				2.A FE	4,276,168	.97.1970	4,276,673	4,400,000	4,395,633		760			4.150	4.172	JJ	79,634	182,600	01/16/2019	01/24/2029
95000U-2N-2	WELLS FARGO & COMPANY				2.A FE	3,000,000	.95.8370	2,875,098	3,000,000	3,000,000					2.188	2.163	AO	11,122	65,640	04/23/2020	04/30/2026
95040Q-AD-6	WELLTOWER INC SR UNSEC				2.A FE	2,483,810	.98.1150	2,452,881	2,500,000	2,492,300		1,654			4.250	4.332	AO	22,431	106,250	08/09/2018	04/15/2028
95040Q-AF-7	WELLTOWER INC SR UNSEC				2.A FE	1,244,438	.96.5360	1,206,697	1,250,000	1,246,871		527			4.125	4.179	MS	5,182	51,563	02/13/2019	03/15/2029
96145D-AB-1	WRKCO INC CO.GUARNT				2.B FE	2,544,286	.98.0950	2,501,415	2,550,000	2,549,232		1,063			3.000	3.044	MS	22,525	76,500	02/15/2019	09/15/2024
96145D-AH-8	WRKCO INC CO.GUARNT				2.B FE	1,272,979	.96.4300	1,229,479	1,275,000	1,273,992		216			4.000	4.021	MS	15,017	51,000	02/15/2019	03/15/2028
970648-AF-8	WILLIS NORTH AMERICA INC CO.GUARNT				2.B FE	1,049,097	.99.0830	1,040,374	1,050,000	1,049,946		141			3.600	3.614	MN	4,830	37,800	05/11/2017	05/15/2024
970648-AG-6	WILLIS NORTH AMERICA INC CO.GUARNT				2.B FE	9,996,700	.97.3390	9,733,923	10,000,000	9,998,304		317			4.500	4.504	MS	132,500	450,000	09/05/2018	09/15/2028
970648-AL-5	WILLIS NORTH AMERICA INC				2.B FE	3,936,760	.98.8980	3,955,905	4,000,000	3,954,256		11,848			4.650	5.015	JD	8,267	186,000	07/14/2022	06/15/2027
976656-CL-0	WISCONSIN ELECTRIC POWER				1.F FE	3,274,378	.97.1180	3,180,606	3,275,000	3,274,878		126			2.050	2.054	JD	2,984	67,138	12/03/2019	12/15/2024

E10.13

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	Code	Rating	Bond Char	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
976656-CN-6	WISCONSIN ELECTRIC POWER	1			1.F FE	5,688,258	100.7070	5,740,311	5,700,000	5,689,531		989			4.750	4.776	MS	68,440	276,767	09/14/2022	09/30/2032
976826-BL-0	WISCONSIN POWER & LIGHT SR UNSEC	1			2.A FE	972,163	94.3910	920,314	975,000	973,825		288			3.050	3.084	AO	6,278	29,738	10/02/2017	10/15/2027
976826-BQ-9	WISCONSIN POWER & LIGHT	1			2.A FE	7,905,760		7,576,850	8,000,000	7,916,690		794			3.950	4.094	MS	105,333	330,044	08/08/2022	09/01/2032
98389B-AW-0	XCEL ENERGY INC	1			2.A FE	3,201,748	89.5820	2,889,023	3,225,000	3,210,615		2,215			2.600	2.682	JD	6,988	83,850	11/04/2019	12/01/2029
98389B-AY-6	XCEL ENERGY INC	1			2.A FE	1,345,545	92.4750	1,248,406	1,350,000	1,347,070		402			3.400	3.438	JD	3,825	45,900	03/27/2020	06/01/2030
98419M-AM-2	XYLEM INC	1			2.B FE	2,288,523	90.3810	2,078,772	2,300,000	2,293,633		1,483			1.950	2.021	JJ	18,812	44,850	06/24/2020	01/30/2028
98877D-AD-7	ZF NA CAPITAL SERIES 144A	1			3.A FE	747,660	103.6270	777,202	750,000	747,949		289			6.875	6.950	AO	11,029	25,781	04/04/2023	04/14/2028
98978V-AL-7	ZOETIS INC SR UNSEC	1			2.A FE	2,013,741	94.8470	1,920,651	2,025,000	2,020,437		1,148			3.000	3.065	MS	18,394	60,750	09/05/2017	09/12/2027
98978V-AV-5	ZOETIS INC	1			2.B FE	6,988,870	107.1900	7,503,286	7,000,000	6,989,839		862			5.600	5.621	MN	49,000	392,000	11/08/2022	11/16/2032
BQ1012-88-0	WIPRO IT SERVICES	1			1.G FE	4,981,800	91.6120	4,580,588	5,000,000	4,990,811		3,612			1.500	1.576	JD	1,667	75,000	06/16/2021	06/23/2026
JK1380-51-4	TBM CORP SR UNSEC	1			1.G FE	1,993,300	97.3930	1,947,866	2,000,000	1,998,371		724			3.450	3.490	FA	25,300	69,000	02/16/2016	02/19/2026
JK3458-64-9	STRYKER CORP SR UNSEC	1			2.A FE	645,762	97.5500	634,076	650,000	648,936		456			3.500	3.578	MS	6,699	22,750	03/03/2016	03/15/2026
06367W-BB-5	BANK OF MONTREAL SERIES MTN	A			1.F FE	9,992,400	95.8750	9,587,550	10,000,000	9,997,913		1,532			1.850	1.866	MN	30,833	185,000	04/22/2020	05/01/2025
06368E-DC-3	BANK OF MONTREAL SERIES MTN	A			1.F FE	6,480,250	92.1970	6,453,756	7,000,000	6,665,309		103,909			0.949	2.586	JJ	29,340	66,430	03/10/2022	01/22/2027
064159-QE-9	BANK OF NOVA SCOTIA SR UNSEC	A			1.F FE	2,992,200	94.7620	2,842,850	3,000,000	2,996,947		1,123			2.740	2.741	FA	33,300	81,000	07/24/2019	08/03/2026
13607G-RR-7	CANADIAN IMPERIAL BANK	A			1.F FE	9,996,100	93.3870	9,338,684	10,000,000	9,998,651		735			0.950	0.958	AO	17,944	95,000	10/19/2020	10/23/2025
13607H-RS-3	CANADIAN IMPERIAL BANK	A			1.F FE	4,625,050	91.1800	4,558,984	5,000,000	4,676,797		31,539			3.600	4.547	AO	42,000	180,000	05/03/2022	04/07/2032
136375-CJ-9	CANADIAN NATL RAILWAY SR UNSEC	A			1.F FE	996,170	96.3110	963,106	1,000,000	999,082		405			2.750	2.794	MS	9,167	27,500	02/18/2016	03/01/2026
13645R-AS-3	CANADIAN PACIFIC RAILWAY SR UNSEC	A			2.B FE	988,830	97.5730	975,730	1,000,000	998,614		1,240			2.900	3.031	FA	12,083	29,000	02/24/2015	02/01/2025
13648T-AA-5	CANADIAN PACIFIC RAILWAY	A			2.B FE	4,788,113	85.5820	5,134,913	6,000,000	4,949,955		139,811			2.050	5.423	MS	39,633	123,000	11/02/2022	03/05/2030
29250N-AY-1	ENBRIDGE INC	A			2.A FE	2,520,304	97.0170	2,449,668	2,525,000	2,524,025		915			2.500	2.538	JJ	29,108	63,125	11/13/2019	01/15/2025
29250N-AZ-8	ENBRIDGE INC	A			2.A FE	999,230	91.2220	912,217	1,000,000	999,519		73			3.125	3.134	MN	3,993	31,250	11/13/2019	11/15/2029
36168Q-AK-0	GFL ENVIRONMENTAL INC SERIES 144A	A			3.C FE	2,355,000	97.6610	2,343,856	2,400,000	2,378,055		13,087			3.750	4.353	FA	37,500	90,000	03/16/2022	08/01/2025
55922Z-AV-6	MAGNA INTERNATIONAL INC	A			1.G FE	7,354,697	87.5740	6,589,939	7,525,000	7,387,460		18,863			2.450	2.757	JD	8,194	184,363	02/18/2022	06/15/2030
66977W-AQ-2	NOVA CHEMICALS CORP SR UNSEC	A			3.C FE	1,970,000	99.1260	1,982,520	2,000,000	1,996,972		5,757			4.875	5.185	JD	8,125	97,500	07/10/2018	06/01/2024
683715-AF-3	OPEN TEXT CORP SERIES 144A	A			2.C FE	680,000	103.9650	706,963	680,000	680,000					6.900	6.900	JD	3,910	46,920	11/16/2022	12/01/2027
78016F-ZQ-0	ROYAL BANK OF CANADA	A			1.E FE	5,988,960	94.3630	5,661,788	6,000,000	5,990,671		929			3.875	3.897	MN	36,813	232,500	04/07/2022	05/04/2032
89114T-ZV-7	TORONTO DOMINION BANK SERIES MTN	A			1.E FE	6,986,350	88.5800	6,200,590	7,000,000	6,988,510		1,206			3.200	3.223	MS	69,067	224,000	03/07/2022	03/10/2032
94106B-AF-8	WASTE CONNECTIONS INC	1			2.A FE	6,957,190	97.0970	6,796,775	7,000,000	6,961,600		3,390			4.200	4.274	JJ	135,567	267,050	08/05/2022	01/15/2033
00182E-BK-4	ANZ NEW ZEALAND INTL/LDN CO.GUARNT	D			1.E FE	1,649,852	99.5780	1,643,043	1,650,000	1,649,993		31			3.400	3.402	MS	15,895	56,100	03/12/2019	03/19/2024
00205G-AD-9	APT PIPELINES LTD CO.GUARNT	D			2.B FE	496,525	97.0110	485,055	500,000	498,621		353			4.250	4.335	JJ	9,799	21,250	03/16/2017	07/15/2027
00652M-AF-9	ADANI PORTS AND SPECIAL SR UNSEC	D			2.C FE	1,274,133	97.9210	1,248,495	1,275,000	1,274,895		182			3.375	3.390	JJ	18,766	43,031	07/16/2019	07/24/2024
00774M-AU-9	AERCAP IRELAND CAP GLOBA	D			2.B FE	5,992,680	96.5100	5,790,627	6,000,000	5,997,951		2,445			1.650	1.692	AO	10,219	99,000	10/21/2021	10/29/2024
00913R-AF-3	AIR LIQUIDE FINANCE CO.GUARNT	D			1.F FE	5,768,890	90.9210	5,568,928	6,125,000	5,846,171		42,980			2.250	3.115	MS	42,492	137,813	05/11/2022	09/10/2029
009279-AA-8	AIRBUS SE SR UNSEC	D			1.F FE	2,997,180	95.6070	2,868,207	3,000,000	2,998,978		292			3.150	3.161	AO	21,263	94,500	04/05/2017	04/10/2027
03835V-AG-1	APTIV PLC CO.GUARNT	D			2.B FE	3,061,299	97.5270	3,023,329	3,100,000	3,096,955		4,996			4.350	4.561	MS	39,706	134,850	04/19/2022	03/15/2029
046353-AT-5	ASTRAZENECA PLC SR UNSEC	D			1.G FE	3,684,830	98.7130	3,652,373	3,700,000	3,691,811		1,436			4.000	4.049	JJ	67,422	148,000	08/14/2018	01/17/2029
05523R-AD-9	BAE SYSTEMS PLC SERIES 144A	D			2.A FE	893,664	92.2720	830,445	900,000	895,768		582			3.400	3.484	AO	6,460	30,600	04/07/2020	04/15/2030
05565Q-DN-5	BP CAPITAL MARKETS PLC CO.GUARNT	D			1.F FE	1,525,000	96.1480	1,466,250	1,525,000	1,525,000					3.279	3.279	MS	14,168	50,005	09/14/2017	09/19/2027
05583J-AG-7	BPOE SA SERIES 144A	D			2.A FE	3,578,472	96.6790	3,480,441	3,600,000	3,595,321		4,407			2.375	2.503	JJ	39,663	85,500	01/06/2020	01/14/2025
056752-AM-0	BAIDU INC SR UNSEC	D			1.G FE	2,145,743	99.5790	2,140,949	2,150,000	2,149,683		838			4.375	4.416	MN	12,280	94,063	11/08/2018	05/14/2024
056752-AQ-1	BAIDU INC	D			1.G FE	1,521,843	96.7510	1,475,449	1,525,000	1,524,155		644			3.075	3.120	AO	10,942	46,894	04/01/2020	04/07/2025
05965M-AG-8	BANCO DEL ESTADO CHILE SERIES 144A	D			1.F FE	2,975,000	96.5150	2,871,316	2,975,000	2,975,000					2.704	2.704	JJ	38,434	80,444	01/06/2020	01/09/2025
05969B-AD-5	BANCO SANTANDER MEXICO SERIES 144A	D			2.A FE	3,550,000	99.8380	3,544,241	3,550,000	3,550,000					5.375	5.375	AO	39,223	190,813	04/14/2020	04/17/2025
05971K-AC-3	BANCO SANTANDER SA Banco Santander SA 3.306 06/27	D			1.F FE	600,000	92.1730	553,036	600,000	600,000					3.306	3.306	JD	220	19,836	06/20/2019	06/27/2029

E10.14

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
05971K-AD-1	BANCO SANTANDER SA Banco Santander SA 2.706 06/27	D			1.F FE	4,200,000	.98 6600	4,143,719	4,200,000	4,200,000					2.706	2.706	JD	1,263	113,652	06/20/2019	06/27/2024
05971U-2A-4	BANCO DE CREDITO DEL PER SR UNSEC	D	2		2.B FE	3,496,955	.97 0450	3,396,587	3,500,000	3,499,365					2.700	2.718	JJ	44,625	94,500	09/06/2019	01/11/2025
09659W-2C-7	BNP PARIBAS SR UNSEC	D			1.G FE	1,527,136	.94 3250	1,509,207	1,600,000	1,567,401					3.500	4.074	MN	7,000	56,000	03/13/2018	11/16/2027
09659W-2D-5	BNP PARIBAS SR UNSEC	D			1.G FE	4,991,050	.97 8960	4,894,791	5,000,000	4,998,558					3.375	3.404	JJ	80,625	168,750	01/02/2018	01/09/2025
21684A-AF-3	COOPERATIVE RABOBANK UA CO.GUARNT	D			2.A FE	2,687,742	.95 7390	2,584,965	2,700,000	2,696,418					3.750	3.805	JJ	45,000	101,250	07/14/2016	07/21/2026
225313-AM-7	CREDIT AGRICOLE SA SERIES 144A	D			2.A FE	4,522,336	.88 2720	4,016,367	4,550,000	4,532,229					3.250	3.322	JJ	68,598	147,875	01/08/2020	01/14/2030
22534P-AA-1	CREDIT AGRICOLE LONDON SERIES 144A	D			1.D FE	4,981,950	.96 8250	4,841,255	5,000,000	4,996,160					2.375	2.449	JJ	52,448	118,750	10/15/2019	01/22/2025
23291K-AH-8	DH EUROPE FINANCE II	D	1		1.G FE	2,197,866	.90 5090	1,991,188	2,200,000	2,198,689					2.600	2.611	MN	7,309	57,200	10/29/2019	11/15/2029
25243Y-BB-4	DIAGEO CAPITAL PLC	D	1		1.G FE	2,898,558	.90 0300	2,833,367	2,925,000	2,908,949					2.375	2.477	AO	12,929	69,469	09/30/2019	10/24/2029
25243Y-BD-0	DIAGEO CAPITAL PLC	D	1		1.G FE	7,312,965	.86 3650	6,909,185	8,000,000	7,432,517					2.000	3.219	AO	27,556	160,000	06/17/2022	04/29/2030
29336E-AA-1	ENN ENERGY HOLDINGS LTD SERIES 144A	D	1		2.A FE	1,015,594	.98 7590	1,007,337	1,020,000	1,016,914					4.625	4.723	MN	5,766	47,175	05/11/2022	05/17/2027
377373-AH-8	GLAXOSMITHKLINE CAPITAL CO.GUARNT	D	2		1.F FE	2,968,410	.96 2930	2,888,775	3,000,000	2,981,947					3.375	3.498	JD	8,438	101,250	03/18/2019	06/01/2029
404280-AP-4	HSBC HOLDINGS PLC SUBORD	D			2.A FE	2,076,280	.99 6210	1,992,413	2,000,000	2,002,530					4.250	3.608	MS	25,264	85,000	06/07/2017	03/14/2024
404280-BB-4	HSBC HOLDINGS PLC SR UNSEC	D			1.G FE	1,718,911	.97 3440	1,679,181	1,725,000	1,723,317					3.900	3.943	MN	6,728	67,275	05/18/2016	05/25/2026
404280-CG-2	HSBC HOLDINGS PLC	D	2		1.G FE	7,000,000	.95 1980	6,663,839	7,000,000	7,000,000					7.250	1.997	JD	38,110	146,930	05/28/2020	06/04/2026
409634-AB-8	HANA BANK SERIES 144A	D			1.E FE	4,988,100	.90 0050	4,500,250	5,000,000	4,993,499					1.250	1.295	JD	2,604	62,500	06/09/2021	12/16/2026
423012-AF-0	HEINIKEN NV SR UNSEC	D	1		2.A FE	1,937,364	.96 8880	1,889,312	1,950,000	1,944,642					3.500	3.573	JJ	28,817	68,250	03/20/2017	01/29/2028
456837-AQ-6	ING GROEP NV SR UNSEC	D			1.G FE	1,924,365	.96 5050	1,857,714	1,925,000	1,924,634					4.050	4.054	AO	77,963	106,400	04/02/2019	04/09/2029
456837-AV-5	ING GROEP NV SERIES VAR	D	1		1.G FE	6,000,000	.92 5090	5,550,552	6,000,000	6,000,000					1.726	1.599	AO	25,890	103,560	03/24/2021	04/01/2027
45685N-AA-4	ING GROEP NV SR UNSEC	D			1.G FE	2,294,112	.99 3080	2,284,094	2,300,000	2,298,208					4.625	4.666	JJ	51,710	106,375	11/08/2018	01/06/2026
456873-AD-0	INGERSOLL-RAND LUX FINAN CO.GUARNT	D	2		2.A FE	2,847,516	.96 7800	2,709,841	2,800,000	2,826,382					3.800	3.592	MS	29,556	106,400	03/27/2019	03/21/2029
460599-AF-0	INTERNATIONAL GAME TECH SERIES 144A	D	1		3.A FE	4,295,000	.97 1930	4,276,493	4,400,000	4,338,717					4.125	4.775	AO	38,317	181,500	03/15/2022	04/15/2026
46132F-AB-6	INVESCO FINANCE PLC CO.GUARNT	D	1		2.A FE	992,840	.99 8660	998,664	1,000,000	999,934					4.000	4.085	JJ	16,778	49,000	11/06/2013	01/30/2024
48268K-AG-6	KT CORP SERIES 144A	D			1.G FE	3,983,417	.98 3090	3,922,531	3,990,000	3,986,373					4.000	4.059	FA	66,500	159,600	08/01/2022	08/08/2025
49374J-AA-1	KIA CORP SERIES 144A	D			2.A FE	4,989,850	.91 2350	4,561,772	5,000,000	4,994,729					1.750	1.789	AO	18,229	87,500	04/12/2021	10/16/2026
50050G-AQ-1	KOOKMIN BANK SERIES 144A	D			1.E FE	4,989,150	.96 8240	4,841,200	5,000,000	4,995,859					2.125	2.200	FA	40,139	106,250	02/09/2022	02/15/2025
500630-CW-6	KOREA DEVELOPMENT BANK SR UNSEC	D			1.C FE	2,987,190	.99 7390	2,992,157	3,000,000	2,999,633					3.250	3.343	FA	35,750	97,500	02/12/2019	02/19/2024
500631-AW-6	KOREA ELECTRIC POWER CO SERIES 144A	D			1.C FE	3,744,263	.97 7640	3,666,145	3,750,000	3,745,920					4.000	4.034	JD	7,083	150,000	06/07/2022	06/14/2027
500631-AY-2	KOREA ELECTRIC POWER CO SERIES 144A	D			1.C FE	2,488,550	103 0610	2,576,522	2,500,000	2,490,836					5.500	5.598	AO	32,465	137,500	09/29/2022	04/06/2028
50064Y-AQ-6	KOREA HYDRO & NUCLEAR PO SERIES 144A	D			1.C FE	2,980,650	.98 3450	2,950,350	3,000,000	2,995,762					4.250	4.395	JJ	54,542	127,500	07/20/2022	07/27/2027
50066P-AK-7	KOREA EAST WEST POWER CO SERIES 144A	D			1.C FE	992,690	.95 5820	955,817	1,000,000	997,964					1.750	1.904	MN	2,674	17,500	04/27/2020	05/06/2025
50066P-AL-5	KOREA EAST WEST POWER CO SERIES 144A	D			1.C FE	3,007,105	.98 0870	2,962,240	3,020,000	3,014,040					3.600	3.752	MN	16,610	108,720	04/28/2022	05/06/2025
501955-AC-2	LG CHEM LTD SERIES 144A	D			2.A FE	2,989,920	.91 0950	2,732,861	3,000,000	2,994,834					1.375	1.445	JJ	19,938	41,250	08/05/2021	07/07/2026
539439-AQ-2	LLOYDS BANKING GROUP PLC SR UNSEC	D	1		1.G FE	6,000,000	.93 9550	5,637,321	6,000,000	6,000,000					3.574	3.574	MN	32,166	214,440	10/31/2017	11/07/2028
55608J-AR-9	MACQUARIE GROUP LTD SERIES 144A	D	2		1.F FE	6,000,000	.91 8740	5,512,422	6,000,000	6,000,000					1.340	1.337	JJ	37,743	80,400	01/05/2021	01/12/2027
60475D-AA-9	MISC CAPITAL TWO LABUAN SERIES 144A	D			2.B FE	5,660,865	.97 7740	5,538,921	5,665,000	5,663,207					3.625	3.651	AO	48,487	205,356	03/30/2022	04/06/2025
606822-AV-6	MITSUBISHI UFJ FIN GRP SR UNSEC	D			1.G FE	2,000,000	.97 3770	1,947,544	2,000,000	2,000,000					3.961	3.961	MS	26,187	79,220	02/26/2018	03/02/2028
606822-BC-7	MITSUBISHI UFJ FIN GRP SR UNSEC	D			1.G FE	3,000,000	.97 8060	2,934,191	3,000,000	3,000,000					4.050	4.050	MS	37,125	121,500	09/04/2018	09/11/2028
606822-BM-5	MITSUBISHI UFJ FIN GRP SR UNSEC	D			1.G FE	3,000,000	.91 8650	2,755,959	3,000,000	3,000,000					3.195	3.195	JJ	43,399	95,850	07/11/2019	07/18/2029
62877P-AB-0	NBK SPC LTD SERIES 144A	D	2		1.E FE	6,120,357	.90 5120	5,566,463	6,150,000	6,131,350					1.625	1.710	MS	29,426	99,938	09/09/2021	09/15/2027
62878U-2D-3	NBN CO LTD SERIES 144A	D	1		1.D FE	5,976,660	.91 2430	5,474,564	6,000,000	5,986,295					1.625	1.703	JJ	46,854	97,500	09/28/2021	01/08/2027
63254A-AP-3	NATIONAL AUSTRALIA BK/NY SR UNSEC	D			1.D FE	1,488,420	.97 3900	1,480,850	1,500,000	1,497,310					3.375	3.467	JJ	23,484	50,625	01/06/2016	01/14/2026
716973-AE-2	PFIZER INVESTMENT ENTER	D	1		1.F FE	7,962,630	100 2240	8,017,958	8,000,000	7,964,477					4.750	4.809	MN	44,333	190,000	05/25/2023	05/19/2033
73730E-AC-7	POSCO SERIES 144A	D			2.A FE	2,982,000	100 8610	3,025,835	3,000,000	2,987,408					5.625	5.846	JJ	76,875	84,375	01/09/2023	01/17/2026
744330-AA-9	PRUDENTIAL FUNDING ASIA	D			1.F FE	1,092,295	.90 7460	998,211	1,100,000	1,093,128					3.125	3.236	AO	7,352	34,375	03/03/2023	04/14/2030

E10.15

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest				Dates		
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
74977R-DF-8	COOPERATIVE RABOBANK UA SR UNSEC	D			1.G FE	3,092,653	.98 4330	3,051,411	3,100,000	3,099,133		1,526			2.625	2.676	JJ	35,941	81,375	07/15/2019	07/22/2024
75625Q-AE-9	RECKITT BENCKISER TSY CO.GUARNT	D			1.G FE	4,838,350	.94 9620	4,748,108	5,000,000	4,926,086		19,638			3.000	3.454	JD	2,083	150,000	03/29/2019	06/26/2027
80414L-2H-7	SAUDI ARABIAN OIL CO SERIES 144A	D			1.E FE	2,499,175	.94 0030	2,350,085	2,500,000	2,499,743		133			1.625	1.631	MN	4,175	40,625	11/17/2020	11/24/2025
822582-CB-6	SHELL INTERNATIONAL FIN CO.GUARNT	D			1.D FE	6,946,100	.98 3940	6,887,565	7,000,000	6,971,139		5,276			3.875	3.969	MN	36,167	271,250	11/07/2018	11/13/2028
82620K-BD-4	SIEMENS FINANCIERINGSMAT SERIES 144A	D			1.E FE	6,988,030	.89 7710	6,283,942	7,000,000	6,992,660		1,672			1.700	1.726	MS	36,361	119,000	03/02/2021	03/11/2028
82620K-BE-2	SIEMENS FINANCIERINGSMAT SERIES 144A	D			1.E FE	4,214,100	.85 2800	4,264,015	5,000,000	4,311,278		77,584			2.150	4.335	MS	32,847	107,500	06/22/2022	03/11/2031
85771P-AK-8	EQUINOR ASA CO.GUARNT	D			1.D FE	399,208	.99 8880	399,553	400,000	399,997		82			2.650	2.671	JJ	4,888	10,600	05/08/2013	01/15/2024
86562M-BT-6	SUMITOMO MITSUI FINL GRP	D			1.G FE	9,000,000	.97 8270	8,804,468	9,000,000	9,000,000					2.448	2.448	MS	57,528	220,320	09/24/2019	09/27/2024
86562M-BW-9	SUMITOMO MITSUI FINL GRP	D			1.G FE	5,000,000	.88 3980	4,419,915	5,000,000	5,000,000					2.750	2.750	JJ	63,403	137,500	01/06/2020	01/15/2030
874060-AX-4	TAKEDA PHARMACEUTICAL	D			2.A FE	5,663,242	.85 6880	5,184,096	6,050,000	5,743,989		43,665			2.050	2.938	MS	31,351	124,025	02/17/2022	03/31/2030
88032W-AL-0	TENCENT HOLDINGS LTD SR UNSEC	D			1.E FE	2,999,730	.99 3960	2,981,891	3,000,000	2,999,984		57			3.280	3.282	AO	21,867	98,400	04/03/2019	04/11/2024
89153V-AG-4	TOTAL CAPITAL INTL SA CO.GUARNT	D			1.E FE	2,101,864	.99 9190	2,098,298	2,100,000	2,100,008		(204)			3.700	3.690	JJ	35,828	77,700	08/09/2013	01/15/2024
89153V-AL-3	TOTAL CAPITAL INTL SA CO.GUARNT	D			1.E FE	595,494	.99 4610	596,764	600,000	599,859		507			3.750	3.838	AO	5,063	22,500	01/08/2014	04/10/2024
902133-AR-8	TYCO ELECTRONICS GROUP S CO.GUARNT	D			1.G FE	1,508,310	.98 7920	1,481,874	1,500,000	1,500,384		(968)			3.450	3.383	FA	21,563	51,750	08/04/2014	08/01/2024
902133-AT-4	TYCO ELECTRONICS GROUP S CO.GUARNT	D			1.G FE	324,210	.97 8960	318,163	325,000	324,809		85			3.700	3.729	FA	4,543	12,025	01/25/2016	02/15/2026
902133-AU-1	TYCO ELECTRONICS GROUP S CO.GUARNT	D			1.G FE	495,995	.95 2370	476,184	500,000	498,406		409			3.125	3.219	FA	5,903	15,625	07/31/2017	08/15/2027
902133-AY-3	TYCO ELECTRONICS GROUP S	D			1.G FE	5,994,773	.86 5130	5,277,271	6,100,000	6,012,733		9,527			2.500	2.698	FA	62,271	152,500	02/02/2022	02/04/2032
902613-AE-8	UBS GROUP AG SERIES 144A	D			1.G FE	6,564,110	.79 7620	5,583,330	7,000,000	6,687,267		67,481			2.095	2.770	FA	57,031	146,650	01/21/2022	02/11/2032
92936M-AF-4	WPP FINANCE 2010 CO.GUARNT	D			2.B FE	926,190	.98 3130	884,813	900,000	902,946		(4,011)			3.750	3.282	MS	9,563	33,750	09/13/2017	09/19/2024
961214-DW-0	WESTPAC BANKING CORP SR UNSEC	D			1.D FE	4,982,350	.95 4030	4,770,167	5,000,000	4,992,093		1,783			3.400	3.442	JJ	73,667	170,000	01/17/2018	01/25/2028
980236-AQ-6	WOODSIDE FINANCE LTD CO.GUARNT	D			2.A FE	4,990,850	.96 0540	4,802,702	5,000,000	4,994,760		879			4.500	4.523	MS	73,125	225,000	02/25/2019	03/04/2029
984851-AD-7	YARA INTERNATIONAL ASA SR UNSEC	D			2.B FE	846,566	.96 5210	820,426	850,000	849,042		369			3.800	3.849	JD	2,243	32,300	06/01/2016	06/06/2026
G7302V-MQ-4	QNB FINANCE LTD SERIES EMTN	D			1.E FE	3,988,000	.92 2550	3,690,216	4,000,000	3,994,472		2,615			1.375	1.443	JJ	23,681	55,000	08/05/2021	01/26/2026
LI9258-4Q-8	TEVA PHARMACEUTICALS NE CO.GUARNT	D			3.C FE	1,471,077	.92 5900	1,365,702	1,475,000	1,473,845		396			3.150	3.180	AO	11,616	46,463	07/18/2016	10/01/2026
1019999999	Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated) - Issuer Obligations					2,311,169,759	XXX	2,184,337,633	2,340,201,000	2,315,766,823		2,984,104			XXX	XXX	XXX	18,142,750	66,605,557	XXX	XXX
46649K-AC-9	JP MORGAN MORTGAGE TRUST SERIES 2018-5 CLASS A3 144A				1.A	321,455	.90 0460	284,218	315,636	315,987		(12)			3.500	3.480	MON	921	11,047	12/05/2019	10/25/2048
81744N-AA-8	SEMT 2012-6 A1 CSTR AFC SEQUOIA MORTGAGE TRUST SERIES 2013-5 CLASS A2 144A				1.A FM	40,323	.89 8970	35,470	39,456	40,007		(27)			2.500	2.235	MON	82	987	07/11/2016	12/25/2042
81745A-AB-3					1.A	1,250,617	.87 3950	1,061,137	1,214,192	1,243,504		(937)			3.000	2.521	MON	3,035	36,426	10/15/2020	05/25/2043
1029999999	Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated) - Residential Mortgage-Backed Securities					1,612,395	XXX	1,380,825	1,569,284	1,599,498		(976)			XXX	XXX	XXX	4,038	48,460	XXX	XXX
01449N-AA-4	ALEN 2021 ACEN MORTGAGE TRUST SERIES 2021-ACEN CLASS A 144A				1.A FE	4,000,000	.90 1070	3,604,297	4,000,000	4,000,000					6.626	6.717	MON	12,515	250,801	03/11/2021	04/15/2038
01449N-AC-0	ALEN 2021 ACEN MORTGAGE TRUST SERIES 2021-ACEN CLASS B 144A				1.D FE	3,998,750	.82 7910	3,311,638	4,000,000	4,000,000		1,118			7.126	7.232	MON	13,460	271,069	12/20/2021	04/15/2038
05493E-AV-4	BARCLAYS COMMERCIAL MORTGAGE SERIES 2021-C9 CLASS A2				1.A	4,634,915	.93 1340	4,191,039	4,500,000	4,557,135		(27,984)			1.846	1.207	MON	6,923	83,070	02/17/2021	02/15/2054
05530S-AA-4	BANC OF AMERICA MERRILL LYNCH SERIES 2022-DK LX CLASS A 144A				1.A	5,000,000	.97 8800	4,893,984	5,000,000	5,000,000					6.512	6.491	MON	15,375	311,107	01/31/2022	01/15/2039
05547H-AJ-0	BARCLAYS COMMERCIAL MORTGAGE S SERIES 2015-SRCH CLASS B 144A				1.A	2,439,844	.87 5860	2,189,662	2,500,000	2,456,216		10,488			4.498	5.067	MON	7,809	112,450	05/27/2022	08/10/2035
05551U-AA-3	BROWNSTONE INVESTMENT GROUP SERIES 2022-BIG CLASS A 144A				1.A FE	4,779,399	.98 0950	4,701,585	4,792,893	4,791,984		6,966			6.704	6.951	MON	15,173	307,521	02/11/2022	02/15/2039
05553R-AZ-3	BARCLAYS COMMERCIAL MORTGAGE SERIES 2023-C19 CLASS A2B				1.A	10,099,609	102.1840	10,218,384	10,000,000	10,087,959		(11,650)			5.753	5.579	MON	25,569	383,533	04/10/2023	04/15/2056

E10.16

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
05591U-AA-5	SERIRS 21-DC CLASS A SERIES 2021-DC CLASS A 144A				1.A	3,160,600	94.1680	2,976,286	3,160,600	3,160,600					6.426	6.512	MON	9,591	191,752	08/03/2021	08/15/2038
05606D-AS-7	BX TRUST SERIES 2022-PSB CLASS A 144A			4	1.A	6,159,166	100.3890	6,224,518	6,200,378	6,186,648			19,291		7.813	8.646	MON	22,876	467,556	08/04/2022	08/15/2039
05607C-AA-7	BXP TRUST SERIES 2017-CC CLASS A 144A			4	1.A	2,815,332	91.3690	2,900,978	3,175,000	2,895,535			66,070		3.459	6.222	MON	9,152	109,823	10/06/2022	08/13/2037
05609C-AA-5	BX TRUST SERIES 2021-21M CLASS A 144A				1.A	1,735,956	98.1570	1,722,430	1,754,778	1,754,778			7,591		6.206	6.273	MON	5,142	102,545	10/27/2021	10/15/2036
05609K-AC-3	BX TRUST SERIES 2021-XL2 CLASS B 144A				1.A	4,668,112	97.9870	4,597,148	4,691,581	4,691,581			9,570		6.474	6.547	MON	14,343	286,903	10/14/2021	10/15/2036
05610F-AA-5	BX TRUST SERIES 2022-AHP CLASS A 144A			4	1.A	4,985,450	98.2310	4,911,549	5,000,000	4,999,068			7,072		6.352	6.451	MON	14,997	302,974	02/02/2022	02/15/2039
065404-AZ-8	BANK 2018-BN10 ASB SEQ			4	1.A	5,109,393	97.0570	4,814,644	4,980,619	4,997,240			(12,218)		3.641	3.180	MON	15,051	180,616	01/26/2018	02/15/2061
07336D-AT-8	BLA CLAYS COMMERCIAL MORTGAGE SERIES 2023-C20 CLASS A2			4	1.A	10,187,469	103.7870	10,378,652	10,000,000	10,172,256			(15,213)		6.383	5.940	MON	53,192	265,958	06/21/2023	07/15/2056
08160K-AE-4	BENCHMARK MORTGAGE TRUST SERIES 2019-B15 CLASS A5				1.A	3,941,379	86.8000	3,862,599	4,450,000	3,997,884			56,505		2.928	4.950	MON	10,858	108,580	02/06/2023	12/15/2072
08162B-BE-1	BMARK 2019-B11 A5			4	1.A	6,486,563	90.6330	6,344,337	7,000,000	6,555,257			67,652		3.542	4.918	MON	20,662	239,092	01/26/2023	05/15/2052
08162P-AV-3	BMARK 2018-B1 ASB AFC SEQ			4	1.A	3,357,527	97.0000	3,162,130	3,259,915	3,283,690			(6,970)		3.602	3.104	MON	9,785	117,422	01/19/2018	01/15/2051
08162P-AZ-4	BMARK 2018-B1 AM SUB AFC			4	1.A	3,920,076	89.8270	3,813,165	4,245,000	3,979,165			55,258		3.878	5.667	MON	13,718	154,926	01/13/2023	01/15/2051
08162U-AW-0	BENCHMARK MORTGAGE TRUST SERIES 2018-B8 CLASS A5			4	1.A	7,134,208	94.5170	7,050,947	7,460,000	7,182,978			47,615		4.232	5.121	MON	26,307	315,685	12/20/2022	01/15/2052
081926-AC-1	BENCHMARK MORTGAGE TRUST SERIES 2023-V4 CLASS A3			4	1.A	6,447,792	107.0660	6,702,338	6,260,000	6,443,565			(4,228)		6.841	6.114	MON	35,687	35,687	11/09/2023	11/15/2056
17291H-AA-2	CITIGROUP COMMERCIAL MORTGAG				1.A	6,000,000	98.3560	5,901,381	6,000,000	6,000,000					6.402	6.008	MON	18,139	364,031	10/22/2021	10/15/2036
26863L-AE-4	ELP 2021 ELP SERIES 2021-ELP CLASS B 144A				1.A	5,969,587	98.1200	5,880,345	5,993,024	5,992,915			10,310		6.696	6.777	MON	18,949	373,947	11/01/2021	11/15/2036
29478J-AA-8	EQLS 2021 EQAZ MORTGAGE TRUST SERIES 2021-EQAZ CLASS A 144A				1.A	5,974,210	98.1000	5,885,875	5,999,880	5,999,880			10,474		13.114	13.448	MON	37,156	352,146	10/27/2021	10/15/2036
36167R-AA-1	GCT COMMERCIAL MORTGAGE TRUST SERIES 2021-GCT CLASS A 144A			4	2.A FE	6,000,000	75.2100	4,512,596	6,000,000	6,000,000					6.276	6.358	MON	17,783	354,900	01/29/2021	02/15/2038
36257H-AU-0	GS MORTGAGE SECURITIES TRUST SERIES 2019-GC40 CLASS DBA 144			4	1.A	4,256,563	98.4730	3,938,918	4,000,000	4,031,737			(78,674)		3.349	1.360	MON	11,163	133,960	02/05/2021	07/10/2052
36259D-AA-1	GS MORTGAGE SECURITIES TRUST SERIES 2019-GC40 CLASS DBA 144			4	1.A FE	3,456,773	91.1630	3,157,223	3,463,266	3,463,266					6.566	6.582	MON	10,739	214,293	12/06/2021	10/15/2031
36266C-AA-4	GS MORTGAGE SECURITIES TRUST COMMERCIAL MORTGAGE PASS THR SERIES 2022-LPF2 CLASS B 144A			4	1.A	6,000,000	97.2480	5,834,875	6,000,000	6,000,000					6.587	6.678	MON	17,565	382,288	10/26/2021	11/15/2026
449652-AC-0	GS MORTGAGE SECURITIES TRUST COMMERCIAL MORTGAGE PASS THR SERIES 2022-LPF2 CLASS B 144A			4	1.A	1,994,942	97.8270	1,956,535	2,000,000	1,997,964			2,395		8.106	8.378	MON	7,655	156,742	09/08/2022	10/15/2039
46590T-AE-5	JPMDB 2017-CS A5 SEQ			4	1.A	4,969,594	93.7930	4,126,896	4,400,000	4,682,043			(93,443)		3.694	1.462	MON	13,544	162,532	11/12/2020	03/15/2050
466317-AA-2	JP MORGAN CHASE COMMERCIAL SERIES 2022-NLP CLASS A 144A			4	1.A	6,574,267	92.2300	6,302,986	6,833,957	6,784,947			149,615		5.958	10.534	MON	19,228	386,303	04/28/2022	04/15/2037
466317-AA-2	JP MORGAN CHASE COMMERCIAL SERIES 2022-NLP CLASS A 144A			4	1.A FE		0.0000								5.958	0.000	MON			11/15/2022	04/15/2037
46651E-AA-2	JP MORGAN CHASE COMMERCIAL MOR SERIES 2019-OSB CLASS A 144A			4	1.A	4,364,453	90.1350	4,506,753	5,000,000	4,443,459			79,006		3.397	5.853	MON	14,155	155,710	12/29/2022	06/05/2039
46652R-AA-2	JP MORGAN CHASE COMMERCIAL SERIES 2020-609M CLASS A 144A			4	1.A FE	5,058,631	94.6890	4,919,073	5,195,000	5,195,000					21.676	22.678	MON	50,047	339,512	06/22/2022	10/15/2033
53218D-AE-8	LIFE FINANCIAL SERVICES TRUST SERIES 2022-BMR2 CLASS B 144A			4	1.A	4,974,998	97.6810	4,884,033	5,000,000	4,995,093			12,607		7.156	7.536	MON	16,895	343,727	05/03/2022	05/15/2039
55316V-AA-2	MHC COMMERCIAL MORTGAGE TRUST SERIES 2021-MHC CLASS A 144A				1.A	4,601,315	99.0280	4,567,611	4,612,455	4,612,455			5,552		13.486	13.835	MON	29,373	273,620	04/06/2021	04/15/2026
55318E-AA-8	MIRAVET SERIES 2023-MILE CLASS A 144A				1.A	10,100,000	103.2710	10,327,062	10,000,000	10,087,622			(12,378)		6.755	6.344	MON	56,289	337,735	06/02/2023	06/06/2028
61691R-AE-6	MORGAN STANLEY CAPITAL I TRUST SERIES 2018-H4 CLASS A4			4	1.A	4,784,375	96.3920	4,819,624	5,000,000	4,812,518			27,946		4.310	5.191	MON	17,958	215,500	12/20/2022	12/15/2051
61765D-AT-5	MSC 2015-MS1 A3 SEQ			4	1.A	1,725,366	96.7340	1,665,021	1,721,242	1,720,085			(883)		3.510	3.429	MON	5,035	60,416	03/28/2018	05/15/2048
62475W-AA-3	MTN COMMERCIAL MORTGAGE TRU SERIES 2022-LPFL CLASS A 144A			4	1.A	6,964,985	97.6430	6,835,032	7,000,000	6,995,397			21,694		6.755	7.181	MON	22,330	453,392	03/08/2022	03/15/2039
63875F-AA-4	NATIXIS COMMERCIAL MORTGAGE S 2019-MILE CLASS A 144A			4	1.A	3,306,299	90.8790	3,085,715	3,395,429	3,395,429					6.941	7.022	MON	11,129	237,201	05/12/2022	07/15/2036

E10.17

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
67118A-AG-0	BEKARDIA COMMERCIAL MORTGAGE				1.A	3,917,351	.97.3560	3,845,692	3,950,119	3,950,119			13,152		.6.189	6.269	MON	11,545	230,632	09/30/2021	10/15/2036
68236J-AA-9	ONE BRYANT PARK SERIES 2019-OBP CLASS A 144A			4	1.A	4,877,813	.84.8650	5,091,876	6,000,000	5,008,498			126,602		.2.516	5.989	MON	12,582	150,985	11/18/2022	09/13/2049
74969C-AJ-6	RLGH SERIES 2021-TROT CLASS B				1.A	4,991,450	.97.3020	4,865,117	5,000,000	5,000,000			2,516		.6.641	6.733	MON	15,680	314,225	04/28/2021	04/15/2026
78458M-AA-2	SMR 2022 IND MORTGAGE TRUST SERIES 2022-IND CLASS A 144A			4	1.A FE	6,297,555	.94.8530	6,027,821	6,354,915	6,348,943			34,139		.7.012	8.231	MON	21,042	427,600	07/21/2022	02/15/2039
95000F-AU-0	WFCM 2016-C35 ASB SEQ			4	1.A	445,590	.97.8910	439,348	448,816	447,850			254		.2.788	2.926	MON	1,043	12,513	01/11/2018	07/15/2048
1039999999	Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated) - Commercial Mortgage-Backed Securities					222,667,657	XXX	215,949,718	225,778,867	223,158,759			587,817		XXX	XXX	XXX	815,209	11,032,980	XXX	XXX
05377R-FK-5	AVIS BUDGET RENTAL CAR FUNDING SERIES 2022-3A CLASS A 144A			4	1.A FE	4,998,885	.98.6280	4,931,413	5,000,000	4,999,174			183		.4.620	4.669	MON	7,058	231,000	07/12/2022	02/20/2027
05377R-GU-2	AVIS BUDGET RENTAL CAR FUNDING SERIES 2023-3A CLASS A 144A			4	1.A FE	3,349,437	100.9780	3,382,757	3,350,000	3,349,495			59		.5.440	5.504	MON	5,568	128,580	03/30/2023	02/22/2028
05377R-GY-4	AVIS BUDGET RENTAL CAR FUNDING SERIES 2023-4A CLASS A 144A			4	1.A FE	5,097,828	100.9240	5,147,144	5,100,000	5,098,113			285		.5.490	5.561	MON	8,555	197,549	03/30/2023	06/20/2029
05377R-GZ-1	AVIS BUDGET RENTAL CAR FUNDING SERIES 2023-4A CLASS B 144A			4	1.F FE	1,799,294	101.4660	1,826,382	1,800,000	1,799,382			89		.6.320	6.411	MON	3,476	80,264	03/30/2023	06/20/2029
08862B-AB-1	BANKERS HEALTHCARE GROUP SEC SERIES 2021-B CLASS B 144A				1.B FE	1,098,871	.91.2880	1,004,173	1,100,000	1,099,930			26		.1.670	1.679	MON	714	18,370	09/10/2021	10/17/2034
12510H-AK-6	CAPITAL AUTOMOTIVE REIT SERIES 2021-1A CLASS A1 144A				1.A FE	1,913,700	.89.1530	1,706,879	1,914,543	1,914,087			163		.1.440	1.462	MON	1,225	27,570	07/27/2021	08/15/2051
12510H-AP-5	CAPITAL AUTOMOTIVE REIT SERIES 2022-1A CLASS A1 144A			4	1.A FE	4,649,597	.89.1350	4,144,782	4,650,000	4,649,663			52		.3.350	3.376	MON	6,923	155,784	03/08/2022	03/15/2052
14686G-AB-2	CARVANA AUTO RECEIVABLES TRUST SERIES 2022-N1 CLASS A2 144A			4	1.A FE	4,999,764	.95.1040	4,755,216	5,000,000	4,999,797			25		.3.210	3.232	MON	9,363	160,500	03/11/2022	12/11/2028
14686M-AD-5	CARVANA AUTO RECEIVABLES TRUST SERIES 2022-P3 CLASS A4			4	1.A FE	7,497,451	.98.7740	7,408,040	7,500,000	7,498,150			552		.4.850	4.908	MON	21,219	363,750	08/30/2022	06/12/2028
233046-AN-1	DB MASTER FINANCE LLC SERIES 2021-1A CLASS A21 144A				2.B FE	3,332,000	.91.1720	3,037,857	3,332,000	3,332,000					.2.045	2.023	FMAN	7,382	68,168	10/15/2021	11/20/2051
30260G-AA-4	FIC FUNDING LLC SERIES 2021-1A CLASS A 144A				1.A FE	534,323	.98.6130	526,936	534,346	534,338			6		.1.130	1.133	MON	268	6,038	04/06/2021	04/15/2033
33938M-AA-7	FLEXENTIAL ISSUER LLC SERIES 2021-1A CLASS A2 144A			4	1.G FE	5,460,320	.89.9310	4,946,223	5,500,000	5,475,290			7,973		.3.250	3.437	MON	2,979	178,750	11/23/2021	11/27/2051
345280-HF-4	FORDF SERIES 2019-4 CLASS A				1.A FE	2,149,745	.97.9410	2,105,722	2,150,000	2,149,837			23		.2.440	2.454	MON	2,332	52,460	09/17/2019	09/15/2026
35041L-AA-8	FOUNDATION FINANCE TRUST SERIES 2021-1A CLASS A 144A				1.B FE	1,766,755	.89.4960	1,589,450	1,776,002	1,769,998			1,035		.1.270	1.391	MON	1,002	22,555	03/19/2021	05/15/2041
35042P-AA-8	FOUNDATION FINANCE TRUST SERIES 2021-2A CLASS A 144A				1.C FE	2,471,066	.90.8050	2,243,913	2,471,127	2,471,073			2		.2.190	2.200	MON	2,405	54,118	11/17/2021	01/15/2042
362590-AC-5	GM FINANCIAL SECURITIZED TERM SERIES 2020-3 CLASS A3			4	1.A FE	131,729	.99.6660	131,319	131,759	131,759			5		.0.450	0.457	MON	25	593	08/11/2020	04/16/2025
40441T-AD-1	HPEFS EQUIPMENT TRUST SERIES 2022-2A CLASS B 144A			4	1.B FE	3,499,785	.98.3170	3,441,092	3,500,000	3,499,910			74		.4.200	4.239	MON	4,492	147,000	05/17/2022	09/20/2029
42806M-AE-9	HERTZ VEHICLE FINANCING LLC SERIES 2021-2A CLASS A 144A				1.A FE	3,799,408	.90.7000	3,446,586	3,800,000	3,799,641			95		.1.680	1.689	MON	1,064	63,840	06/24/2021	12/27/2027
42806M-BJ-7	HERTZ VEHICLE FINANCING LLC SERIES 2022-5A CLASS A 144A			4	1.A FE	1,148,340	.95.4480	1,193,106	1,250,000	1,169,365			20,135		.3.890	5.992	MON	810	48,625	11/17/2022	09/25/2028
43283B-AA-1	HILTON GRAND VACATIONS TRUST SERIES 2022-1D CLASS A 144A			4	1.A FE	2,556,061	.96.5570	2,474,988	2,563,243	2,556,630			560		.3.610	3.708	MON	2,827	90,569	04/20/2023	06/20/2034
55400W-AA-7	MVW OWNER TRUST SERIES 2023-2A CLASS A 144A			4	1.A FE	7,874,263	102.2590	8,053,803	7,875,860	7,874,257			(6)		.6.180	6.262	MON	14,872	45,969	11/07/2023	11/20/2040
62848P-AA-8	MVW OWNER TRUST SERIES 2023-1A CLASS A 144A			4	1.A FE	8,374,063	.99.5660	8,374,063	8,374,366	8,374,057			(6)		.4.930	4.980	MON	12,615	285,599	04/04/2023	10/20/2040
637432-NN-1	NATIONAL RURAL UTIL COOP COLLAT TRST			1	1.E FE	1,496,925	.95.0150	1,425,228	1,500,000	1,498,876			317		.3.050	3.074	AO	8,388	45,750	04/18/2017	04/25/2027
63935B-AA-1	NAVIENT STUDENT LOAN TRUST SERIES 2020-HA CLASS A 144A			4	1.A FE	1,381,705	.91.5900	1,265,617	1,381,823	1,381,750			14		.1.310	1.315	MON	805	18,102	11/03/2020	01/15/2069

E10.18

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
63941G-AC-8	NAVIENT STUDENT LOAN TRUST SERIES 2020-BA CLASS B 144A			4	1.B FE	727,773	80.3880	623,004	775,000	736,137		5,879			2.770	3.730	MON	954	21,468	03/31/2022	01/15/2069
63942B-AA-2	NAVIENT STUDENT LAON TRUST SERIES 2021-A CLASS A 144A				1.A FE	2,320,486	88.1800	2,050,317	2,325,137	2,321,681		628			0.840	0.896	MON	868	19,531	03/17/2022	05/15/2069
67181D-AJ-0	OAK STREET INVESTMENT GRADE SERIES 2021-2A CLASS A1 144A			4	1.A FE	4,241,443	88.4370	3,752,372	4,242,981	4,241,983		281			2.380	2.406	MON	3,086	100,983	11/19/2021	11/20/2051
68268V-AA-3	ONEMAIN FINANCIAL ISSUANCE TR SERIES 2022-2A CLASS A 144A			4	1.A FE	5,998,555	98.7950	5,927,716	6,000,000	5,999,012		388			4.890	4.947	MON	13,855	293,400	08/31/2022	10/14/2034
68269D-AA-2	ONEMAIN DIRECT AUTO RECEIVABLE SERIES 2022-1A CLASS A1 144A			4	1.A FE	4,749,691	98.9430	4,699,781	4,750,000	4,749,686		8			4.650	4.696	MON	10,430	220,875	06/10/2022	03/14/2029
68377B-AA-5	OPORTUN FUNDING LLC SERIES 2021-A CLASS A 144A				1.F FE	1,528,550	95.4670	1,459,483	1,528,789	1,528,711		29			1.210	1.216	MON	1,182	18,498	03/02/2021	03/08/2028
68377G-AA-4	OPORTUN FUNDING LLC SERIES 2021-B CLASS A 144A				1.F FE	2,999,696	93.4560	2,803,671	3,000,000	2,999,841		55			1.470	1.476	MON	2,818	44,100	04/28/2021	05/08/2031
68504W-AA-5	ONGLT 2018-A A SEQ			4	1.A FE	411,848	97.2910	399,568	410,693	411,063		(181)			3.100	3.030	MON	813	12,732	05/01/2019	11/08/2030
69335P-DX-0	PFS FINANCING CORP SERIES 2020-G CLASS A 144A			4	1.A FE	3,687,517	99.4150	3,666,415	3,688,000	3,687,982		147			0.970	0.976	MON	1,590	35,774	10/14/2020	02/15/2026
69363P-AB-6	PSNH 2018-1 A2 SEQ			4	1.A FE	1,999,922	97.6510	1,953,029	2,000,000	1,999,983		(19)			3.506	3.505	FA	29,217	70,120	05/01/2018	08/01/2028
72703P-AD-5	PLANET FITNESS MASTER ISSUER L SERIES 2022-1A CLASS A21 144A			4	2.B FE	5,698,500	92.8920	5,293,439	5,698,500	5,698,500					3.251	3.262	MJSD	13,380	185,258	01/25/2022	12/05/2051
75907J-AA-2	REGIONAL MANAGEMENT ISSUANC SERIES 2022-2B CLASS A 144A			4	1.A FE	4,999,336	100.9670	5,048,340	5,000,000	4,999,335		36			7.100	7.207	MON	15,778	355,000	10/13/2022	11/17/2032
784033-AS-1	SCF EQUIPMENT TRUST LLC SERIES 2022-1A CLASS A3 144A			4	1.A FE	2,109,565	97.5350	2,057,876	2,109,890	2,109,722		92			2.920	2.944	MON	1,882	61,609	02/15/2022	07/20/2029
78450F-AA-5	SMB PRIVATE EDUCATION LOAN TR SERIES 2022-A CLASS APT 144A			4	1.A FE	3,274,759	92.4740	3,046,962	3,294,923	3,277,639		1,883			2.850	2.993	MON	4,174	93,905	03/08/2022	11/16/2054
81761T-AA-3	SERVICEMASTER BRANDS SERIES 2020-1 CLASS A21 144A			4	2.C FE	2,369,900	87.6830	2,078,000	2,369,900	2,369,900					2.841	2.850	JAJO	11,409	67,329	11/20/2020	01/30/2051
82650B-AA-4	SIERRA RECEIVABLES FUNDING CO SERIES 2023-2A CLASS A 144A			4	1.A FE	3,125,471	101.8080	3,182,030	3,125,512	3,125,448		(23)			5.800	5.869	MON	5,539	75,533	07/11/2023	04/20/2040
82650T-AA-5	SIERRA RECEIVABLES FUNDING CO SERIES 2022-2A CLASS A 144A			4	1.A FE	1,320,382	99.1640	1,309,424	1,320,462	1,320,377		(3)			4.730	4.777	MON	1,908	62,458	07/08/2022	06/20/2040
82652Q-AB-7	SIERRA RECEIVABLES FUNDING CO SERIES 2021-1A CLASS B 144A				1.F FE	1,181,517	94.3540	1,115,064	1,181,783	1,181,611		32			1.340	1.348	MON	484	15,836	03/08/2021	11/20/2037
83406E-AC-9	SOFI 2018-A A2B SEQ			4	1.A FE	495,666	97.3990	487,208	500,220	499,356		586			2.950	3.196	MON	246	14,757	04/13/2018	02/25/2042
86190B-AA-2	STORE MASTER FUNDING LLC SERIES 2021-1A CLASS A1 144A				1.A FE	4,555,575	84.7010	3,897,741	4,601,750	4,569,777		6,826			2.120	2.445	MON	2,981	97,557	11/12/2021	06/20/2051
86746B-AA-1	SUNNOVA HESTIA I ISSUER LLC SERIES 2023-GRID1 CLASS 1A 144			4	1.B FE	2,370,185	102.7250	2,496,304	2,430,083	2,371,488		1,303			5.750	6.595	MON	4,270	16,302	10/18/2023	12/20/2050
87342R-AG-9	TACO BELL FUNDING LLC SERIES 2021-1A CLASS A21 144A				2.B FE	6,701,608	89.8930	6,182,384	6,877,500	6,757,518		33,767			1.946	3.030	FIAN	13,384	133,836	04/12/2022	08/25/2051
89239R-AD-8	TOYOTA AUTO RECEIVABLES OWNER SERIES 2020-B CLASS A4			4	1.A FE	1,155,201	99.3380	1,147,903	1,155,559	1,155,522		59			1.660	1.670	MON	853	19,182	04/20/2020	09/15/2025
918286-AA-3	VSTNA 2018-A A SEQ			4	1.A FE	269,756	98.0720	266,904	272,151	270,732		270			3.560	3.807	MON	296	9,689	04/07/2020	02/20/2036
1049999999	Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated) - Other Loan-Backed and Structured Securities					149,675,217	XXX	143,471,624	150,213,902	149,809,576		83,704			XXX	XXX	XXX	267,764	4,537,235	XXX	XXX
1109999999	Total - Industrial and Miscellaneous (Unaffiliated) Bonds					2,685,125,028	XXX	2,545,139,800	2,717,763,053	2,690,334,656		3,654,649			XXX	XXX	XXX	19,229,761	82,224,232	XXX	XXX
1309999999	Total - Hybrid Securities						XXX								XXX	XXX	XXX			XXX	XXX
1509999999	Total - Parent, Subsidiaries and Affiliates Bonds						XXX								XXX	XXX	XXX			XXX	XXX
03765V-AK-6	PRIME SECURITY SERVICES BOR				3.B FE	100.4140								0.000	0.000	N/A		39		01/28/2021	09/23/2026
05377J-AR-3	AVIS BUDGET CAR RENTAL LLC TERM B				3.A FE	1,391,176	99.9250	1,388,853	1,389,896	1,390,562		(132)			7.220	7.418	N/A	836	96,303	02/07/2020	07/31/2027
05400K-AF-7	AVOLON TLB BORROWER 1 US TERM B4				2.B FE	480,047	100.2240	482,328	481,250	480,684		191			6.972	7.226	N/A	1,025	34,539	02/06/2020	02/10/2027
05400K-AJ-9	AVOLON TLB BORROWER 1 US LLC TERM B				2.B FE	379,882	100.3420	381,327	380,029	379,797		(85)			7.857	8.119	N/A	829	10,578	06/22/2023	06/22/2028

E10.19

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
12505M-AF-3	OUT FRONT MEDIA OUTFRONT MEDIA CAPITAL L				3.B FE	1,375,857	99.8540	1,370,606	1,372,610	1,374,077		(373)			7.220	7.394	N/A	826	94,078	11/21/2019	11/18/2026
13134M-BT-9	CALPINE CORP				3.A FE	631,446	100.3170	635,433	633,428	632,158		267			7.970	8.282	N/A	421	43,878	12/04/2020	12/02/2027
16117L-CB-3	CHARTER COMMUNICATION OPERATIO TERM B				3.A FE	1,743,498	99.8260	1,740,591	1,743,625	1,743,259		(238)			7.357	7.584	N/A	8,193		12/07/2023	12/09/2030
23918V-AY-0	DAVITA INC Term B				3.A FE	1,902,865	100.0810	1,895,187	1,893,662	1,897,806		(1,319)			7.220	7.337	N/A	1,139	102,279	02/14/2020	08/12/2026
43289D-AK-9	HILTON DOMESTIC OPERATIN TERM B4				2.C FE	751,093	100.4740	752,638	749,091	751,021		(72)			7.380	7.555	N/A	768	4,646	11/08/2023	11/08/2030
45672J-AK-6	INEOS US FINANCE LLC INEOS US FINANCE LLC				3.B FE		100.1880								0.000	0.000	N/A		79,538		03/31/2024
57665V-AF-4	MATCH GROUP INC TERM B				3.A FE	473,813	100.2500	476,188	475,000	474,384		186			7.220	7.606	N/A	1,169	33,518	02/07/2020	02/07/2027
64072U-AK-8	CSC HOLDINGS LLC CSC HOLDINGS LLC				4.B FE	2,092,228	94.9170	2,004,843	2,112,206	2,101,832		2,407			7.973	8.286	N/A	7,956	161,284	10/04/2019	04/15/2027
72584D-AF-1	KFC HOLDING CO KFC HOLDING CO				2.C FE	1,533,957	100.2400	1,535,356	1,531,687	1,532,800		(263)			7.222	7.414	N/A	3,695	105,140	03/16/2021	03/15/2028
73179Y-AM-9	AVIENT CORPORATION TERM B				3.A FE	999,717	100.3340	1,001,151	997,823	999,473		(244)			7.856	8.009	N/A	10,002	22,541	08/16/2023	08/29/2029
80862Q-AD-3	SCIENCE APPLICATIONS INTERN SCIENCE APPLICATIONS INTERN				3.A FE	315,234	100.3480	315,542	314,448	314,724		(130)			7.345	7.406	N/A	192	20,414	10/23/2019	10/31/2025
88233F-AK-6	VISTRA OPERATIONS CO LLC VISTRA OPERATIONS CO LLC				2.C FE	274,190	100.1300	274,545	274,190	274,190					7.223	7.076	N/A	315	21,556	11/13/2019	12/31/2025
98310C-AE-2	WYNDHAM HOTELS & RESORTS Inc TERM B				2.C FE	2,606,700	100.3820	2,630,711	2,620,726	2,606,706		(33)			7.606	7.941	N/A	554	137,872	05/25/2023	05/25/2030
BL4122-52-1	INEOS UD FINANCE LLC TERM B				3.B FE	1,416,088	100.2500	1,417,716	1,414,181	1,416,139		51			9.098	9.381	N/A	357	32,278	02/16/2023	02/09/2030
68368P-BC-7	VIRGIN MEDIA BRISTOL LLC VIRGIN MEDIA BRISTOL LLC				3.C FE	1,272,451	99.8200	1,272,699	1,275,000	1,273,332		316			7.976	8.266	N/A	4,802	97,352	10/16/2019	01/31/2028
68371Y-AJ-2	OPEN TEXT CORP OPEN TEXT CORP				2.C FE	687,766	100.2920	688,264	686,264	686,629		(226)			7.220	7.289	N/A	413	47,413	06/01/2018	05/30/2025
1829999999	Subtotal - Bonds - Unaffiliated Bank Loans - Acquired					20,328,008	XXX	20,263,978	20,345,116	20,329,573		303			XXX	XXX	XXX	43,531	1,145,207	XXX	XXX
1909999999	Subtotal - Bonds - Unaffiliated Bank Loans					20,328,008	XXX	20,263,978	20,345,116	20,329,573		303			XXX	XXX	XXX	43,531	1,145,207	XXX	XXX
2419999999	Total - Issuer Obligations					2,396,150,060	XXX	2,262,878,246	2,425,806,000	2,400,882,508		3,050,578			XXX	XXX	XXX	18,804,168	69,052,502	XXX	XXX
2429999999	Total - Residential Mortgage-Backed Securities					71,157,230	XXX	62,057,730	68,723,709	70,848,044		(121,802)			XXX	XXX	XXX	158,520	1,704,001	XXX	XXX
2439999999	Total - Commercial Mortgage-Backed Securities					222,667,657	XXX	215,949,718	225,778,867	223,158,759		587,817			XXX	XXX	XXX	815,209	11,032,980	XXX	XXX
2449999999	Total - Other Loan-Backed and Structured Securities					149,675,217	XXX	143,471,624	150,213,902	149,809,576		83,704			XXX	XXX	XXX	267,764	4,537,235	XXX	XXX
2459999999	Total - SVO Identified Funds						XXX								XXX	XXX	XXX			XXX	XXX
2469999999	Total - Affiliated Bank Loans						XXX								XXX	XXX	XXX			XXX	XXX
2479999999	Total - Unaffiliated Bank Loans					20,328,008	XXX	20,263,978	20,345,116	20,329,573		303			XXX	XXX	XXX	43,531	1,145,207	XXX	XXX
2489999999	Total - Unaffiliated Certificates of Deposit						XXX								XXX	XXX	XXX			XXX	XXX
2509999999	Total Bonds					2,859,978,172	XXX	2,704,621,296	2,890,867,594	2,865,028,460		3,600,600			XXX	XXX	XXX	20,089,192	87,471,925	XXX	XXX

1. Line Book/Adjusted Carrying Value by NAIC Designation Category Footnote:
 Number
 1A 1A ...\$ 408,182,379 1B ...\$ 41,587,618 1C ...\$ 40,500,425 1D ...\$ 158,185,242 1E ...\$ 247,057,379 1F ...\$ 384,303,410 1G ...\$ 424,161,265
 1B 2A ...\$ 507,247,711 2B ...\$ 512,442,099 2C ...\$ 97,648,122
 1C 3A ...\$ 22,361,898 3B ...\$ 5,199,055 3C ...\$ 14,050,025
 1D 4A ...\$ 2,101,832 4B ...\$ 2,101,832 4C ...\$
 1E 5A ...\$ 5B ...\$ 5C ...\$
 1F 6 ...\$

E10.20

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 1

Showing All PREFERRED STOCKS Owned December 31 of Current Year

1 CUSIP Identi- fication	2 Description	Codes		5 Number of Shares	6 Par Value Per Share	7 Rate Per Share	8 Book/ Adjusted Carrying Value	Fair Value		11 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				20 NAIC Desig- nation, NAIC Desig- nation Modifier and SVO Admini- strative Symbol	21 Date Acquired		
		3 Code	4 For- eign					9 Rate Per Share Used to Obtain Fair Value	10 Fair Value		12 Declared but Unpaid	13 Amount Received During Year	14 Nonadmitted Declared But Unpaid	15 Unrealized Valuation Increase/ (Decrease)	16 Current Year's (Amor- tization)/ Accretion	17 Current Year's Other-Than- Temporary Impairment Recognized	18 Total Change in Book/Adjusted Carrying Value (15 + 16 - 17)			19 Total Foreign Exchange Change in Book/ Adjusted Carrying Value	
NONE																					
4509999999 - Total Preferred Stocks								XXX												XXX	XXX

E11

1. Line Book/Adjusted Carrying Value by NAIC Designation Category Footnote:
 Number
 1A 1A ..\$ 1B ..\$ 1C ..\$ 1D ..\$ 1E ..\$ 1F ..\$ 1G ..\$
 1B 2A ..\$ 2B ..\$ 2C ..\$
 1C 3A ..\$ 3B ..\$ 3C ..\$
 1D 4A ..\$ 4B ..\$ 4C ..\$
 1E 5A ..\$ 5B ..\$ 5C ..\$
 1F 6\$

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1	2	Codes		5	6	Fair Value		9	Dividends			Change in Book/Adjusted Carrying Value				17	18
		3	4			7	8		10	11	12	13	14	15	16		
CUSIP Identification	Description	Code	Foreign	Number of Shares	Book/Adjusted Carrying Value	Rate Per Share Used to Obtain Fair Value	Fair Value	Actual Cost	Declared but Unpaid	Amount Received During Year	Nonadmitted Declared But Unpaid	Unrealized Valuation Increase/ (Decrease)	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (13 - 14)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Date Acquired	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
03748R-75-4	APARTMENT INVT & MGMT CO A			0.000			0.000		169,818							01/05/2022	
000320-10-4	AADI BIOSCIENCE INC			382.000	772	2.021	772	4,645				(4,129)		(4,129)		06/24/2022	
000360-20-6	AADN INC			1,275.000	141,239	73.870	141,239	4,722	102	510		(1,849)		(1,849)		12/17/2022	
000361-10-5	AAR CORP			981.000	61,214	62.400	61,214	39,595				17,168		17,168		03/19/2021	
00081T-10-8	ACCO BRANDS CORP			3,257.000	19,803	6.080	19,803	34,650		977		1,596		1,596		05/01/2012	
000899-10-4	ADMA BIOLOGICS INC			4,828.000	21,823	4.520	21,823	9,366				3,090		3,090		06/24/2022	
000900-10-3	ADT INC			4,141.000	28,242	6.820	28,242	38,205	145	580		(9,317)		(9,317)		06/25/2021	
00091G-10-4	ACV AUCTIONS INC A			2,888.000	43,753	15.150	43,753	20,099				20,043		20,043		06/24/2022	
000957-10-0	ABM INDUSTRIES INC			1,382.000	61,955	44.830	61,955	17,616		1,216		567		567		12/17/2022	
001055-10-2	AFLAC INC			15,648.000	1,290,960	82.500	1,290,960	164,843		26,289		165,243		165,243		11/26/2003	
001084-10-2	AGCO CORP			1,525.000	185,150	121.410	185,150	41,655		9,318		(26,352)		(26,352)		06/24/2016	
00108J-10-9	ACM RESEARCH INC CLASS A			1,170.000	22,862	19.540	22,862	18,017				13,841		13,841		06/24/2022	
001230-10-4	AGNC INVESTMENT CORP			13,354.000	131,003	9.810	131,003	324,179	1,602	19,230		(7,211)		(7,211)		06/26/2020	
00130H-10-5	AES CORP THE			16,241.000	312,639	19.250	312,639	177,411		10,778		(154,452)		(154,452)		06/26/2015	
00164V-10-3	AIC NETWORKS INC			921.000	17,306	18.790	17,306	34,587				2,874		2,874		06/26/2020	
00166B-10-5	ALX ONCOLOGY HOLDINGS INC			515.000	7,668	14.889	7,668	23,913				1,864		1,864		06/25/2021	
001744-10-1	AMN HEALTHCARE SERVICES INC			986.000	73,832	74.880	73,832	52,493				(27,549)		(27,549)		12/17/2021	
00175J-10-7	AMMO INC			1,837.000	3,858	2.100	3,858	16,532				680		680		06/25/2021	
00181T-10-7	A MARK PRECIOUS METALS INC			406.000	12,282	30.251	12,282	9,890		731		(1,819)		(1,819)		06/25/2021	
00182C-10-3	ANI PHARMACEUTICALS INC			292.000	16,101	55.140	16,101	10,188				4,354		4,354		06/27/2014	
00187Y-10-0	API GROUP CORP			5,093.000	176,218	34.600	176,218	82,688				80,418		80,418		06/25/2021	
00191U-10-2	ASGN INC			1,481.000	142,428	96.170	142,428	24,055				21,756		21,756		06/27/2014	
00206R-10-2	AT&T INC			186,374.000	3,127,356	16.780	3,127,356	3,209,732		206,875		(303,790)		(303,790)		06/28/2019	
002121-10-1	A10 NETWORKS INC			1,883.000	24,799	13.170	24,799	16,450		452		(6,515)		(6,515)		06/23/2017	
00215F-10-7	ATLANTIC TELE-NETWORK INC			373.000	14,536	38.971	14,536	16,511	90	324		(2,365)		(2,365)		06/23/2017	
002474-10-4	AZZ INC			922.000	53,559	58.090	53,559	13,485		627		16,495		16,495		06/22/2007	
00258W-10-8	AARONS COMPANY INC THE			1,062.000	11,555	10.880	11,555	6,271	133	531		(1,136)		(1,136)		12/01/2020	
002824-10-0	ABBOTT LABORATORIES			44,563.000	4,905,049	110.070	4,905,049	919,531		90,576		13,047		13,047		06/23/2023	
00287Y-10-9	ABBVIE INC			45,489.000	7,049,430	154.970	7,049,430	1,465,025		269,295		(302,047)		(302,047)		05/11/2020	
002896-20-7	ABERCROMBIE & FITCH CO			1,255.000	110,716	88.220	110,716	35,441	194	79,133		79,133		79,133		03/17/2023	
00402L-10-7	ACADEMY SPORTS & OUTDOORS INC			2,150.000	141,900	66.000	141,900	75,134		774		28,939		28,939		06/24/2022	
00404A-10-9	ACADIA HEALTHCARE CO INC			2,626.000	204,198	77.760	204,198	117,681				(11,975)		(11,975)		06/24/2016	
004225-10-8	ACADIA PHARMACEUTICALS INC			3,739.000	117,068	31.310	117,068	73,156	354			57,543		57,543		06/24/2016	
004239-10-9	ACADIA REALTY TRUST			1,964.000	33,368	16.990	33,368	46,087		1,414		5,185		5,185		06/23/2021	
004360-10-6	ACCEL ENTERTAINMENT INC			1,229.000	12,622	10.270	12,622	11,049				3,159		3,159		06/26/2020	
00437E-10-2	ACCOLADE INC			1,487.000	17,859	12.010	17,859	72,037				26,945		26,945		06/25/2021	
004498-10-1	ACI WORLDWIDE INC			3,560.000	108,936	30.600	108,936	22,215				27,056		27,056		06/22/2012	
00461U-10-5	ACLARIS THERAPEUTICS INC			1,604.000	1,684	1.050	1,684	27,472				226		(23,579)		06/24/2022	
00486H-10-5	ADTRAN HOLDINGS INC			1,592.000	11,685	7.340	11,685	45,651		430		(18,228)		(18,228)		07/11/2022	
00508Y-10-2	ACUITY BRANDS INC			718.000	147,068	204.830	147,068	45,408				898		898		06/24/2022	
005098-10-8	ACUSHNET HOLDINGS CORP			821.000	51,863	63.171	51,863	15,709		640		974		17,003		12/16/2016	
00650F-10-9	ADAPTIVE BIOTECHNOLOGIES			3,224.000	15,798	4.900	15,798	99,213				10,750		(8,834)		06/25/2021	
006530-10-2	ADAPTHEALTH CORP			2,296.000	16,738	7.290	16,738	74,115				(27,391)		(27,391)		03/19/2021	
006739-10-6	ADDUS HOMECARE CORP			409.000	37,976	92.851	37,976	18,752				896		(2,716)		06/26/2020	
00676P-10-7	ADEIA INC COMMON STOCK			2,653.000	32,871	12.390	32,871	598,837		531		2,937		7,720		06/02/2020	
007002-10-8	ADICET BIO INC			546.000	1,032	1.890	1,032	5,296				1,619		(3,849)		06/25/2021	

E12

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 Foreign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
00724F-10-1 ...	ADOBE SYSTEMS INC			11,792,000	7,035,107	596,600	7,035,107	318,876			18,389	3,066,745		3,066,745	06/23/2017		
00737L-10-3 ...	ADTALEM GLOBAL ED INC			1,204,000	70,976	58,950	70,976	38,031				28,611		28,611	06/23/2023		
00751Y-10-6 ...	ADVANCE AUTO PARTS INC			1,149,000	70,123	61,030	70,123	36,169	1,652		179	(98,814)		(98,814)	06/26/2009		
00760J-10-8 ...	AEHR TEST SYSTEMS			686,000	18,200	26,531	18,200	27,404			506	(9,204)		(9,204)	06/23/2023		
00766T-10-0 ...	AECOM TECHNOLOGY CORP			3,276,000	302,801	92,430	302,801	68,599		2,359		24,570		24,570	06/23/2017		
00773T-10-1 ...	ADVANSIX INC			889,000	26,634	29,960	26,634	4,531		542		(7,165)		(7,165)	10/03/2016		
007903-10-7 ...	ADVANCED MICRO DEVICES INC			41,254,000	6,081,252	147,410	6,081,252	836,320				3,409,231		3,409,231	02/15/2022		
00790R-10-4 ...	ADVANCED DRAINAGE SYSTEMS INC			1,712,000	240,776	140,640	240,776	51,760		924		100,443		100,443	09/18/2020		
00791N-10-2 ...	ADVANTAGE SOLUTIONS INC			1,783,000	6,454	3,620	6,454	20,200				2,746		2,746	06/25/2021		
007973-10-0 ...	ADVANCED ENERGY INDUSTRIES INC			1,075,000	117,089	108,920	117,089	14,414		430		24,876		24,876	06/24/2011		
008073-10-8 ...	AEROVIRONMENT INC			721,000	90,875	126,040	90,875	18,333				29,114		29,114	06/22/2012		
008252-10-8 ...	AFFILIATED MANAGERS GROUP INC			758,000	114,776	151,420	114,776	60,508		30		(5,314)		(5,314)	06/23/2017		
00827B-10-6 ...	AFFIRM HOLDINGS INC			5,810,000	285,503	49,140	285,503	153,974			1,283	198,279		198,279	12/15/2023		
008350-10-3 ...	AEVA TECHNOLOGIES INC			1,335,000	1,012	0,758	1,012	12,768	1,777			(804)		(804)	09/17/2021		
00846U-10-1 ...	AGILENT TECHNOLOGIES INC			7,531,000	1,047,035	139,030	1,047,035	194,998		6,719		(79,979)		(79,979)	12/15/2003		
00847G-70-5 ...	AGENUS INC			5,844,000	4,838	0,828	4,838	25,316		181		(8,922)		(8,922)	06/25/2021		
00847J-10-5 ...	AGILYSYS INC			675,000	57,254	84,821	57,254	13,122			3,995	3,834		3,834	06/28/2019		
00847X-10-4 ...	AGIOS PHARMACEUTICALS INC			1,876,000	41,779	22,270	41,779	128,254				(10,900)		(10,900)	06/22/2018		
00848J-10-4 ...	AGILITI INC			462,000	3,659	7,920	3,659	3,659	530			958		958	06/23/2023		
008492-10-0 ...	AGREE REALTY CORP			2,147,000	135,154	62,950	135,154	112,662		6,252		(17,133)		(17,133)	12/16/2022		
00857U-10-7 ...	AGILON HEALTH INC			7,389,000	92,732	12,550	92,732	177,026				76,020		(28,693)	06/23/2023		
009066-10-1 ...	AIRBNB INC CLASS A			10,403,000	1,416,264	136,140	1,416,264	1,101,599		527		10,577		497,313	06/23/2023		
00912X-30-2 ...	AIR LEASE CORP			2,509,000	105,227	41,940	105,227	71,350	9,926		2,032	60,587		8,832	06/27/2014		
009158-10-6 ...	AIR PRODUCTS & CHEMICALS INC			5,672,000	1,552,994	273,800	1,552,994	287,102		38,967		(195,457)		(195,457)	06/22/2018		
00922R-10-5 ...	AIR TRANSPORT SERVICES GROUP I			2,138,000	37,650	17,610	37,650	21,456				(17,895)		(17,895)	06/24/2016		
00971T-10-1 ...	AKAMA TECHNOLOGIES INC			3,838,000	454,227	118,350	454,227	127,498				4,114		130,684	09/30/2010		
00973N-10-2 ...	AKOUSTIS TECHNOLOGIES INC			899,000	750	0,834	750	9,920				(1,785)		(1,785)	12/18/2020		
00973Y-10-8 ...	AKERO THERAPEUTICS INC			1,191,000	27,810	23,350	27,810	47,819				1,930		(35,578)	06/23/2023		
011311-10-7 ...	ALAMO GROUP INC			191,000	40,146	210,188	40,146	3,952		168		13,101		13,101	06/27/2008		
011642-10-5 ...	ALARM.COM HOLDINGS INC			1,443,000	93,247	64,620	93,247	62,235				21,847		21,847	06/26/2020		
011659-10-9 ...	ALASKA AIR GROUP INC			2,504,000	97,831	39,070	97,831	25,006	216		6,367	(9,690)		(9,690)	06/23/2017		
012348-10-8 ...	ALBANY INTERNATIONAL CORP			830,000	81,523	98,220	81,523	18,577	1,231		830	(307)		(307)	12/17/2002		
012653-10-1 ...	ALBEMARLE CORP			3,077,000	444,565	144,480	444,565	210,148			4,908	(222,713)		(222,713)	09/16/2022		
013091-10-3 ...	ALBERTSONS COMPANIES INC			11,066,000	254,518	23,000	254,518	23,000		66,655		22,494		22,494	12/15/2023		
013872-10-6 ...	ALCOA CORP			5,296,000	180,064	34,000	180,064	195,970		2,118		(60,745)		(60,745)	06/23/2017		
01438T-10-6 ...	ALDEYRA THERAPEUTICS INC			1,235,000	4,335	3,510	4,335	8,780				(4,446)		(4,446)	06/23/2023		
014442-10-7 ...	ALECTOR INC			1,504,000	12,002	7,980	12,002	32,161	60			8,152		(1,880)	06/26/2020		
01446U-10-3 ...	ALERUS FINANCIAL CORP			315,000	7,053	22,390	7,053	10,788	319		236	(302)		(302)	03/19/2021		
014491-10-4 ...	ALEXANDER & BALDWIN INC			1,433,000	27,256	19,020	27,256	30,687			1,261	416		416	06/25/2021		
014752-10-9 ...	ALEXANDER'S INC			113,000	24,133	213,566	24,133	35,767	5,791			2,034		(733)	06/24/2022		
015271-10-9 ...	ALEXANDRIA REAL ESTATE EQTY			4,560,000	578,071	126,770	578,071	433,858		22,344		6,381		(86,184)	03/18/2022		
016255-10-1 ...	ALIGN TECHNOLOGY INC			1,952,000	534,848	274,000	534,848	80,415			3,489	123,171		123,171	06/23/2017		
01625V-10-4 ...	ALIGNMENT HEALTHCARE INC			2,083,000	17,935	8,610	17,935	27,004				(6,561)		(6,561)	12/17/2021		
01626W-10-1 ...	ALIGHT INC CLASS A			8,912,000	76,019	8,530	76,019	66,658				1,515		1,515	06/24/2022		
01644J-10-8 ...	ALKAMI TECHNOLOGY INC			785,000	19,036	24,250	19,036	14,683			17,413	7,583		7,583	12/17/2021		
01675A-10-9 ...	ALLBIRDS INC CL A			2,624,000	3,214	1,225	3,214	11,833				(3,136)		(3,136)	06/24/2022		

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1	2	Codes		5	6	Fair Value		9	Dividends			Change in Book/Adjusted Carrying Value				17	18
		3	4			7	8		10	11	12	13	14	15	16		
CUSIP Identification	Description	Code	Foreign	Number of Shares	Book/Adjusted Carrying Value	Rate Per Share Used to Obtain Fair Value	Fair Value	Actual Cost	Declared but Unpaid	Amount Received During Year	Nonadmitted Declared But Unpaid	Unrealized Valuation Increase/ (Decrease)	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (13 - 14)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Date Acquired	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
01741R-10-2 ...	ALLEGHENY TECHNOLOGIES INC			3,295,000	149,824	45.470	149,824	75,449				51,435		51,435		09/16/2022	
01748H-10-7 ...	ALLEGIANCE BANCSHARES INC			444,000		41.631		10,854								06/24/2016	
01748X-10-2 ...	ALLEGIANCE TRAVEL CO			393,000	32,466	82.611	32,466	56,344		472	1,135	5,746		5,746		06/23/2017	
01749D-10-5 ...	ALLEGRO MICROSYSTEMS INC			1,709,000	51,731	30.270	51,731	55,620			238	(8,093)		(8,093)		03/17/2023	
018522-30-0 ...	ALLETE INC			1,489,000	91,067	61.160	91,067	65,038		4,035	2,667	(4,988)		(4,988)		06/23/2017	
018581-10-8 ...	ALLIANCE DATA SYSTEMS CORP			1,461,000	48,125	32.940	48,125	147,000		1,227		(6,896)		(6,896)		06/25/2021	
018802-10-8 ...	ALLIANT ENERGY CORP			6,364,000	326,473	51.300	326,473	95,224		11,519		(24,883)		(24,883)		06/24/2016	
019330-10-9 ...	ALLIED MOTION TECHNOLOGIES			307,000	9,274	30.208	9,274	4,451		35		(1,412)		(1,412)		06/26/2015	
01973R-10-1 ...	ALLISON TRANSMISSION HOLDING			2,241,000	130,314	58.150	130,314	68,369		2,062		37,089		37,089		06/23/2017	
019770-10-6 ...	ALLOGENE THERAPEUTICS INC			2,417,000	7,759	3.210	7,759	55,531				(7,444)		(7,444)		06/24/2022	
01988P-10-8 ...	ALLSCRIPTS HEALTHCARE SOLUTION			2,755,000	28,900	10.490	28,900	49,765	6,253			(19,698)		(19,698)		06/24/2022	
020002-10-1 ...	ALLSTATE CORP THE			6,766,000	947,105	139.980	947,105	210,029		24,025		29,635		29,635		11/26/2003	
02005N-10-0 ...	ALLY FINANCIAL INC			7,253,000	253,275	34.920	253,275	167,940		8,704	64	75,939		75,939		06/23/2017	
02043Q-10-7 ...	ALNYLAM PHARMACEUTICALS INC			3,180,000	608,684	191.410	608,684	157,237			2,426	(147,043)		(147,043)		06/28/2019	
020764-10-6 ...	ALPHA METALLURGICAL RESOURCE			300,000	101,676	338.920	101,676	40,219		2,207		57,759		57,759		06/24/2022	
02079K-10-7 ...	ALPHABET INC			129,469,000	18,246,066	140.930	18,246,066	2,189,555			953	6,758,282		6,758,282		03/20/2020	
02079K-30-5 ...	ALPHABET INC			153,284,000	21,412,242	139.690	21,412,242	2,489,809			119,736	7,865,920		7,865,920		12/15/2023	
02081G-20-1 ...	ALPHATEC HOLDINGS INC			2,458,000	37,140	15.110	37,140	11,159				6,784		6,784		06/28/2019	
02083G-10-0 ...	ALPINE IMMUNE SCIENCES INC			837,000	15,953	19.060	15,953	19,060			8,123	134		134		12/15/2023	
02083X-10-3 ...	ALPINE INCOME PROPERTY TRUST			1,558,000	26,346	16.910	26,346	23,743		857	8,732	2,603		2,603		06/23/2023	
021369-10-3 ...	ALTAIR ENGINEERING INC			1,317,000	110,826	84.150	110,826	47,138				50,942		50,942		06/26/2020	
02155H-20-0 ...	ALTIMUNE INC			5,079,000	57,139	11.250	57,139	38,956				198,747		198,747		12/15/2023	
02156B-10-3 ...	ALTERIX INC			1,733,000	81,728	47.160	81,728	142,467	44,691			(6,083)		(6,083)		06/26/2020	
02209S-10-3 ...	ALTRIA GROUP INC			45,603,000	1,839,625	40.340	1,839,625	449,445		170,972	400	(244,888)		(244,888)		03/20/2020	
02215L-20-9 ...	ALTUS MIDSTREAM			394,000	13,160	33.401	13,160	13,399		1,182		126		126		06/24/2022	
02217A-10-2 ...	ALTUS POWER INC			925,000	6,318	6.830	6,318	6,493			2,807	287		287		06/24/2022	
022671-10-1 ...	AMALGAMATED FINANCIAL CORP			450,000	12,123	26.940	12,123	11,709			1,061	414		414		12/15/2023	
023135-10-6 ...	AMAZON.COM INC			232,396,000	35,310,248	151.940	35,310,248	4,214,475				15,648,000		15,648,000		12/15/2023	
023139-88-4 ...	AMBAC FINANCIAL GROUP INC			1,747,000	28,791	16.480	28,791	42,833			568	(1,677)		(1,677)		06/23/2017	
023436-10-8 ...	AMEDISYS INC			872,000	82,892	95.060	82,892	51,027			2,946	10,045		10,045		06/28/2019	
023576-10-1 ...	AMERANT BANCORP INC			16,388,000	16,388	24.570	16,388	24,570		240		2,122		(1,514)		09/20/2019	
023586-10-0 ...	AMERCO INC			205,000	14,719	71.800	14,719	7,444			489	2,380		2,380		06/26/2020	
023586-50-6 ...	AMERCO NON VOTING			2,606,000	183,567	70.440	183,567	108,251		382		40,872		40,872		09/15/2023	
023608-10-2 ...	AMEREN CORP			7,109,000	514,265	72.340	514,265	306,226		17,915		(117,867)		(117,867)		06/30/2006	
02361E-10-8 ...	AMERESCO INC CL A			909,000	28,788	31.670	28,788	12,740			508	(23,152)		(23,152)		06/24/2011	
02376R-10-2 ...	AMERICAN AIRLINES GROUP INC			16,875,000	231,863	13.740	231,863	608,640				17,213		17,213		03/19/2021	
024013-10-4 ...	AMERICAN ASSETS TRUST INC			1,425,000	32,077	22.510	32,077	22,510		1,881	157	(5,686)		(5,686)		03/19/2021	
024061-10-3 ...	AMERICAN AXLE & MANUFACTURING			2,617,000	23,056	8.810	23,056	22,804				2,591		2,591		12/16/2022	
025537-10-1 ...	AMERICAN ELECTRIC POWER CO INC			13,311,000	1,081,119	81.220	1,081,119	393,026		44,858	87	(182,760)		(182,760)		06/24/2016	
02553E-10-6 ...	AMERICAN EAGLE OUTFITTERS INC			3,778,000	79,942	21.160	79,942	74,072				1,133		1,133		12/16/2022	
025676-20-6 ...	AMERICAN EQTY INVEST LIFE HLD			1,719,000	95,920	55.800	95,920	29,997				17,499		17,499		06/26/2020	
025816-10-9 ...	AMERICAN EXPRESS CO			14,961,000	2,802,794	187.340	2,802,794	403,818		34,710		592,306		592,306		06/26/2009	
025932-10-4 ...	AMERICAN FINANCIAL GROUP INC			1,947,000	231,479	118.890	231,479	123,053		13,735	3,859	(27,579)		(27,579)		06/23/2023	
02665T-30-6 ...	AMERICAN HOMES 4 RENT			8,855,000	318,426	35.960	318,426	159,287		7,792	5,399	51,536		51,536		06/23/2017	
026874-78-4 ...	AMERICAN INTL GROUP INC			18,756,000	1,270,719	67.750	1,270,719	838,076			26,258	84,590		84,590		06/28/2013	
027745-10-8 ...	AMERICAN NATL BANKSHARES INC			374,000	18,233	48.751	18,233	8,505		449		4,421		4,421		06/22/2012	

E12.2

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identi- fication	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Desig- nation, NAIC Desig- nation Modifier and SVO Admini- strative Symbol	
		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value			
029174-10-9	AMERICAN REALTY INVESTORS INC			1,201,000	20,909	17,410	20,909	26,420					(5,511)		(5,511)		06/23/2023	
029683-10-9	AMERICAN SOFTWARE INC			1,091,000	12,328	11,300	12,328	7,873		480	8,222		(3,688)		(3,688)		06/24/2016	
029899-10-1	AMERICAN STATES WATER CO			773,000	62,165	80,420	62,165	26,481	20,611	1,279	8,172		(9,376)		(9,376)		06/24/2016	
03027X-10-0	AMERICAN TOWER REIT INC			12,124,000	2,617,329	2,15,880	2,617,329	377,052	34	76,911	7,474		48,738		48,738		06/24/2022	
030371-10-8	AMERICAN VANGUARD CORP			1,143,000	12,539	10,970	12,539	20,567		137	36,998		(12,276)		(12,276)		06/22/2012	
030420-10-3	AMERICAN WATER WORKS CO INC			5,213,000	688,064	131,990	688,064	148,123		14,372	82,245		(104,773)		(104,773)		03/17/2023	
03044L-10-5	AMERICAN WELL CORP CLASS A			5,730,000	8,538	1,490	8,538	95,673			15,818		(7,678)		(7,678)		06/25/2021	
030506-10-9	AMERICAN WOODMARK CORP			568,000	52,739	92,850	52,739	15,151			323		24,986		24,986		06/24/2016	
03062T-10-5	AMERICAS CAR-MART INC			154,000	11,669	75,773	11,669	2,691	1,593		349		541		541		06/27/2008	
03064D-10-8	AMERICOLD REALTY TRUST			7,241,000	219,185	30,270	219,185	207,323		6,372	390		14,192		14,192		06/25/2021	
03071H-10-0	AMERISAFE INC			751,000	35,132	46,780	35,132	13,785		3,650	1,397		(3,898)		(3,898)		06/22/2007	
03073E-10-5	AMERISOURCEBERGEN CORP			4,061,000	834,048	205,380	834,048	58,375		7,980			161,100		161,100		11/13/2003	
03076C-10-6	AMERIPRISE FINANCIAL INC			2,714,000	379,830	379,830	1,030,859	99,296	312	14,384	1,247		185,800		185,800		06/23/2017	
03076K-10-8	AMERIS BANCORP			2,080,000	110,344	53,050	110,344	30,760		1,248	223		12,293		12,293		07/01/2019	
031100-10-0	AMETEK INC			5,823,000	960,154	164,890	960,154	16,762		5,823	22,518		146,565		146,565		12/17/2002	
031162-10-0	AMGEN INC			3,962,867	288,020	3,962,867	13,759,000	880,697		117,227	201		349,203		349,203		03/31/2016	
03152W-10-9	AMICUS THERAPEUTICS INC			8,241,000	116,940	14,190	116,940	108,753					16,317		16,317		06/26/2020	
031652-10-0	AMKOR TECHNOLOGY INC			2,094,000	69,667	33,270	69,667	35,621		636	2,178		19,453		19,453		06/27/2014	
03168L-10-5	AMNEAL PHARMACEUTICALS INC COM			2,888,000	17,530	6,070	17,530	6,070	3,265		3,938		11,783		11,783		05/07/2018	
032095-10-1	AMPHENOL CORP			14,841,000	1,471,188	99,130	1,471,188	70,323		12,466	79,947		341,195		341,195		06/24/2005	
03209R-10-3	AMPHASTAR PHARMACEUTICALS INC			766,000	47,377	61,850	47,377	13,709					25,914		25,914		06/26/2015	
03212B-10-3	AMPLIFY ENERGY CORP			1,272,000	7,543	5,930	7,543	5,930			1,891		(3,638)		(3,638)		06/24/2022	
03213A-10-4	AMPLITUDE INC CLASS A			1,464,000	18,622	12,720	18,622	23,320			2,010		937		937		06/24/2022	
03237H-10-1	AMPLYX PHARMACEUTICALS INC			1,371,000	20,181	14,720	20,181	44,074			22,544		(30,477)		(30,477)		12/16/2022	
032654-10-5	ANALOG DEVICES INC			12,939,000	2,569,168	198,560	2,569,168	500,819		44,510			446,784		446,784		08/27/2021	
032724-10-6	ANAPTYSBIO INC			679,000	14,544	21,420	14,544	48,693			645		(6,498)		(6,498)		12/15/2017	
032797-30-0	ANAVEX LIFE SCIENCES CORP			1,840,000	17,130	9,310	17,130	23,500	211				92		92		06/25/2021	
034164-10-3	ANDERSONS INC			1,108,000	63,754	57,540	63,754	13,883		820	4,326		24,985		24,985		06/26/2009	
03475V-10-1	ANGIODYNAMICS INC			1,310,000	10,270	7,840	10,270	30,309			123		(7,768)		(7,768)		06/22/2007	
035255-10-8	ANIKA THERAPEUTICS INC			566,000	12,826	22,661	12,826	7,503	8,214				(3,928)		(3,928)		06/22/2012	
035710-83-9	ANNALY CAPITAL MANAGEMENT INC			12,637,000	244,779	19,370	244,779	625,593		35,763	3,018		(21,609)		(21,609)		12/16/2022	
03589W-10-2	ANNEXON INC			7,332,000	33,287	4,540	33,287	25,514			175		7,773		7,773		06/23/2023	
03662Q-10-5	ANSYS INC			2,165,000	785,635	362,880	785,635	37,327			280		262,593		262,593		06/24/2016	
03674X-10-6	ANTERO RESOURCES CORP			7,090,000	160,801	22,680	160,801	169,103			2,347		(58,918)		(58,918)		06/24/2022	
036752-10-3	ANTHEM INC			6,114,000	2,883,118	471,560	2,883,118	274,804		36,195	1,113		(253,181)		(253,181)		09/21/2018	
03676B-10-2	ANTERO MIDSTREAM CORP			8,958,000	112,244	12,530	112,244	99,250		6,986			15,708		15,708		06/23/2023	
03676C-10-0	ANTERIX INC			410,000	13,661	33,320	13,661	17,561					472		472		06/26/2015	
03743Q-10-8	APACHE CORP			8,170,000	293,140	35,880	293,140	416,093		8,170			(88,236)		(88,236)		06/24/2016	
03748R-74-7	APARTMENT INVT & MGMT CO A			1,090,000	8,542	7,833	8,542	6,087			362		774		774		12/01/2020	
03750L-10-9	APARTMENT INCOME REIT CO			3,394,000	117,874	34,730	117,874	66,672		6,109	1,030		1,425		1,425		12/15/2020	
03753U-10-6	APELLIS PHARMACEUTICALS INC			2,514,000	150,488	59,860	150,488	75,259			10,953		20,489		20,489		06/24/2022	
037598-10-9	APOGEE ENTERPRISES INC			449,000	23,981	53,410	23,981	17,345	1,064	431	8,041		4,019		4,019		06/25/2021	
03762U-10-5	APOLLO COMMERCIAL REAL ESTATE			3,041,000	35,701	11,740	35,701	38,005		4,257	1,343		2,980		2,980		06/24/2022	
03763A-20-7	APOLLO MEDICAL HOLDINGS INC			1,046,000	40,062	38,300	40,062	54,856					9,111		9,111		06/25/2021	
03769M-10-6	APOLLO GLOBAL MANAGEMENT INC			13,278,000	1,237,377	93,190	1,237,377	676,154		21,450			379,391		379,391		06/23/2023	
03770N-10-1	APOGEE THERAPEUTICS INC			530,000	14,808	27,940	14,808	12,105			340		2,703		2,703		12/15/2023	

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1	2	Codes		5	6	Fair Value		9	Dividends			Change in Book/Adjusted Carrying Value				17	18
		3	4			7	8		10	11	12	13	14	15	16		
CUSIP Identification	Description	Code	Foreign	Number of Shares	Book/Adjusted Carrying Value	Rate Per Share Used to Obtain Fair Value	Fair Value	Actual Cost	Declared but Unpaid	Amount Received During Year	Nonadmitted Declared But Unpaid	Unrealized Valuation Increase/ (Decrease)	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (13 - 14)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Date Acquired	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
03782L-10-1	APIAN CORP			1,178,000	44,363	37.660	44,363	50,969	19,249		23,419	6,008		6,008		06/25/2021	
037833-10-0	APPLE INC			380,383,000	73,235,139	192.530	73,235,139	1,394,385		367,494	794	23,773,014		23,773,014		09/15/2023	
03783C-10-0	APPFOLIO INC			538,000	93,203	173.240	93,203	34,176		362	135	36,509		36,509		06/28/2019	
03784Y-20-0	APPLE HOSPITALITY REIT INC			4,526,000	75,177	16.610	75,177	73,900	(226)	4,933		3,757		3,757		06/26/2020	
038169-20-7	APPLIED BLOCKCHAIN INC			1,825,000	12,301	6.740	12,301	14,764			12,908	(2,464)		(2,464)		06/23/2023	
03820C-10-5	APPLIED INDUSTRIAL TECH INC			976,000	168,545	172.690	168,545	22,068		1,366		45,540		45,540		06/26/2015	
038222-10-5	APPLIED MATERIALS INC			21,643,000	3,507,681	162.070	3,507,681	348,691		26,404	3,570	1,400,086		1,400,086		12/15/2003	
03831W-10-8	APPROVIN CORP CLASS A			5,603,000	223,280	39.850	223,280	222,034				164,280		164,280		06/24/2022	
038336-10-3	APTARGROUP INC			1,496,000	184,936	123.620	184,936	34,229		2,364		20,405		20,405		06/22/2018	
03852U-10-6	ARAMARK HOLDINGS CORP			6,092,000	171,185	28.100	171,185	143,706		2,589		(11,552)		(11,552)		06/23/2017	
038923-10-8	ARBOR REALTY TRUST INC			3,729,000	56,606	15.180	56,606	37,106		6,265	4,128	7,421		7,421		06/24/2022	
03937C-10-5	ARCBEST CORP			719,000	86,431	120.210	86,431	17,502		345		36,072		36,072		06/26/2020	
03940C-10-0	ARCELLX INC			798,000	44,289	55.500	44,289	25,417			7,813	19,567		19,567		12/16/2022	
03940R-10-7	ARCH RESOURCES INC			402,000	66,708	165.940	66,708	51,661		4,285	143	9,306		9,306		03/18/2022	
03945R-10-2	ARCHER AVIATION INC A			3,399,000	20,870	6.140	20,870	13,833				14,514		14,514		06/24/2022	
039483-10-2	ARCHER DANIELS MIDLAND COMPANY			13,648,000	985,659	72.220	985,659	236,311		24,566	994	(281,558)		(281,558)		06/24/2005	
03957W-10-6	ARCHROCK INC			3,123,000	48,094	15.400	48,094	31,223		1,905	16,050	20,050		20,050		06/25/2021	
039653-10-0	ARCOSA INC			1,220,000	100,821	82.640	100,821	15,816		244	19	34,526		34,526		11/01/2018	
039697-10-7	ARDELYX INC			5,648,000	35,018	6.200	35,018	6,200				14,686		14,686		06/23/2023	
03969F-10-9	ARCUS BIOSCIENCES INC			1,321,000	25,231	19.100	25,231	17,830				(2,087)		(2,087)		06/25/2021	
03969K-10-8	ARCUTIS BIOTHERAPEUTICS INC			14,777,000	47,730	3.230	47,730	54,978			3,066	2,008		2,008		12/15/2023	
03969T-10-9	ARCTURUS THERAPEUTICS HOLDING			625,000	19,706	31.530	19,706	25,818				9,106		9,106		06/25/2021	
03990B-10-1	ARES MANAGEMENT CORP			4,057,000	482,458	118.920	482,458	162,141		12,496		204,797		204,797		06/24/2022	
04010E-10-9	ARGAN INC			555,000	25,968	46.789	25,968	11,006	335	583	1,554	5,500		5,500		06/26/2015	
04013V-10-8	ARES COMMERCIAL REAL ESTATE			1,014,000	10,505	10.360	10,505	13,118		1,714		71		71		06/27/2014	
040413-10-6	ARISTA NETWORKS INC			6,417,000	1,511,268	235.510	1,511,268	195,301				732,565		732,565		06/22/2018	
04041L-10-6	ARIS WATER SOLUTION INC A			452,000	3,792	8.389	3,792	7,607			163	(2,721)		(2,721)		06/24/2022	
041242-10-8	ARKO CORP			2,460,000	20,295	8.250	20,295	24,684				(1,009)		(1,009)		09/17/2021	
04206A-10-1	ARLO TECHNOLOGIES INC			2,522,000	24,009	9.520	24,009	7,551	323			15,157		15,157		01/02/2019	
04208T-10-8	ARMADA HOFFLER PROPERTIES INC			1,658,000	20,509	12.370	20,509	21,021		1,285		1,442		1,442		06/23/2017	
042315-70-5	ARMOUR RESIDENTIAL REIT INC			412,000	7,960	19.320	7,960	40,975		494	65,810	(33,015)		(33,015)		10/02/2023	
04247X-10-2	ARMSTRONG WORLD INDUSTRIES INC			876,000	86,128	98.320	86,128	39,697		913	2,126	26,043		26,043		06/24/2016	
04271T-10-0	ARRAY TECHNOLOGIES INC			4,146,000	69,653	16.800	69,653	122,055			657	(10,489)		(10,489)		06/24/2022	
042735-10-0	ARROW ELECTRONICS INC			1,580,000	193,155	122.250	193,155	122,250				41,337		41,337		06/25/2004	
042744-10-2	ARROW FINANCIAL CORP			476,000	13,299	27.939	13,299	11,970		503	7,417	(1,927)		(1,927)		09/19/2023	
04280A-10-0	ARROWHEAD RESEARCH CORP			2,078,000	63,587	30.600	63,587	27,553				(20,697)		(20,697)		06/22/2018	
043113-20-8	ARTESIAN RESOURCES CORP			366,000	15,171	41.451	15,171	6,016		416		(6,270)		(6,270)		06/26/2009	
04316A-10-8	ARTISAN PARTNERS ASSET MGMT			1,731,000	76,476	44.180	76,476	85,150		4,604		25,065		25,065		06/23/2017	
04335A-10-5	ARVINAS INC			1,292,000	53,179	41.160	53,179	48,301			12,995	8,979		8,979		06/25/2021	
04342Y-10-4	ASANA INC CL A			2,178,000	41,404	19.010	41,404	136,618			1,343	11,413		11,413		06/25/2021	
043436-10-4	ASBURY AUTOMOTIVE GROUP INC			588,000	132,282	224.969	132,282	16,140				26,883		26,883		06/24/2022	
044103-86-9	ASHFORD HOSPITALITY TRUST			1,000	3	3.000	3	10				(1)		(1)		12/17/2021	
044186-10-4	ASHLAND GLOBAL HOLDINGS INC			1,363,000	114,915	84.310	114,915	18,024		2,031	1,170	(31,649)		(31,649)		09/20/2016	
04523Y-10-5	ASPEN AEROGELS INC			562,000	8,868	15.779	8,868	11,301				2,242		2,242		03/19/2021	
04546L-10-6	ASSETMARK FINANCIAL HOLDINGS			802,000	24,020	29.950	24,020	18,099				5,574		5,574		06/24/2022	
045487-10-5	ASSOCIATED BANC CORP			2,827,000	60,470	21.390	60,470	46,557		2,403		(4,806)		(4,806)		09/18/2020	

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
04621X-10-8	ASSURANT INC			1,325,000	223,249	168,490	223,249	85,747		3,737	579	57,545		57,545		06/28/2019	
046224-10-1	ASTEC INDUSTRIES INC			823,000	30,616	37,200	30,616	24,705		428		(2,848)		(2,848)		06/23/2017	
04635X-10-2	ASTRIA THERAPEUTICS INC			2,552,000	19,599	7,680	19,599	25,595				(5,996)		(5,996)		06/23/2023	
046433-10-8	ASTRONICS CORP			810,000	14,110	17,420	14,110	13,038				5,767		5,767		06/26/2015	
04683R-10-6	ATEA PHARMACEUTICALS INC			1,878,000	5,728	3,050	5,728	48,567				(3,305)		(3,305)		06/25/2021	
047649-10-8	ATKORE INTERNATIONAL GROUP I			931,000	148,960	160,000	148,960	24,943				43,366		43,366		06/25/2021	
047726-10-4	ATLANTA BRAVES HOLDINGS INC			428,000	18,310	42,780	18,310	2,375				15,935		15,935		07/19/2023	
047726-30-2	ATLANTA BRAVES HOLDINGS INC			1,586,000	63,170	39,580	63,170	11,724				51,446		51,446		07/20/2023	
04911A-10-7	ATLANTIC UNION BANKSHARES CS			1,886,000	68,914	36,540	68,914	49,376		2,301	1,518	2,640		2,640		02/01/2019	
049468-10-1	ATLASSIAN CORP			3,997,000	950,726	237,860	950,726	338,286				416,822		416,822		12/15/2023	
049560-10-5	ATMOS ENERGY CORP			3,570,000	413,763	115,900	413,763	148,300		10,382		13,012		13,012		06/23/2023	
04963C-20-9	ATRICURE INC			1,229,000	43,863	35,690	43,863	18,451				(10,680)		(10,680)		06/27/2014	
04965B-10-0	ATOMERA INC			534,000	3,743	7,009	3,743	14,022				422		422		03/19/2021	
049904-10-5	ATRION CORP			40,000	15,152	378,800	15,152	25,487		348		(7,226)		(7,226)		09/18/2020	
05153U-10-7	AURA BIOSCIENCES INC			478,000	4,235	8,860	4,235	6,362			406	(784)		(784)		06/24/2022	
051774-10-7	AURORA INNOVATION INC			8,068,000	35,257	4,370	35,257	19,242			1,172	16,015		16,015		06/23/2023	
052769-10-6	AUTODESK INC			5,476,000	1,333,296	243,480	1,333,296	118,486		14,819		308,613		308,613		03/17/2023	
053015-10-3	AUTOMATIC DATA PROCESSING INC			10,585,000	2,465,987	232,970	2,465,987	288,266		52,925		(62,346)		(62,346)		11/26/2003	
05329W-10-2	AUTONATION INC			817,000	122,697	150,180	122,697	37,207			569	35,033		35,033		06/26/2020	
05333Z-10-2	AUTOZONE INC			465,000	1,202,309	2,585,611	1,202,309	177,920		6,173		3,126		55,535		06/22/2012	
053484-10-1	AVALONBAY COMMUNITIES INC			3,741,000	700,390	187,220	700,390	349,948		24,466		9,952		96,144		06/24/2016	
05350V-10-6	AVANOS MEDICAL INC			1,650,000	37,010	22,430	37,010	25,147		593		11,562		(7,640)		06/24/2014	
05351W-10-3	AVANGRID INC			1,347,000	43,656	32,410	43,656	54,627		1,985		785		(14,238)		06/24/2022	
05352A-10-0	AVANTOR INC			17,155,000	391,649	22,830	391,649	337,819			265,302	29,850		29,850		06/25/2021	
05356F-10-5	AVEANNA HEALTHCARE HOLDINGS			1,345,000	3,605	2,680	3,605	2,488				1,116		1,116		06/23/2023	
053604-10-4	AVEPOINT INC			2,977,000	24,441	8,210	24,441	16,045			4,791	12,206		12,206		06/24/2022	
053611-10-9	AVERY DENNISON CORP			2,011,000	406,544	202,160	406,544	105,513		6,395		42,553		42,553		06/26/2009	
05366Y-20-1	AIVAT NETWORKS INC			223,000	7,283	32,659	7,283	7,564				328		328		06/25/2021	
05368M-10-6	AVID BIOSERVICES INC			1,798,000	11,687	6,500	11,687	12,377		756		(13,071)		(13,071)		09/21/2018	
05368V-10-6	AVIENT CORP COMMON STOCK			2,934,000	121,966	41,570	121,966	57,518		2,934		6,843		22,915		03/13/2013	
05368X-10-2	AVIDXCHANGE HOLDINGS INC			3,908,000	48,420	12,390	48,420	32,574				9,575		9,575		06/24/2022	
05370A-10-8	AVIDITY BIOSCIENCES INC			1,307,000	11,828	9,050	11,828	34,292				(17,174)		(17,174)		06/24/2022	
053774-10-5	AVIS BUDGET GROUP INC			547,000	96,961	177,260	96,961	18,072		5,470		7,292		7,292		06/26/2015	
05379B-10-7	AVISTA CORP			1,516,000	54,182	35,740	54,182	45,149		2,789		(13,038)		(13,038)		06/24/2022	
053807-10-3	AVNET INC			2,201,000	110,930	50,400	110,930	56,099		2,641		19,413		19,413		06/28/2013	
054540-20-8	AXCELLIS TECHNOLOGIES INC			865,000	112,182	129,690	112,182	6,122				43,535		43,535		07/01/2016	
05463X-10-6	AXOGEN INC			1,009,000	6,891	6,830	6,891	6,275				162,088		(3,178)		06/24/2016	
05464C-10-1	AXON ENTERPRISE INC COM			1,836,000	474,294	258,330	474,294	57,142			11,015	169,646		169,646		09/17/2021	
05464T-10-4	AXSONE THERAPEUTICS INC			854,000	67,970	79,590	67,970	21,989			597	2,101		2,101		06/28/2019	
05465C-10-0	AXOS FINANCIAL INC			2,090,000	114,114	54,600	114,114	29,192			102,621	34,234		34,234		06/23/2017	
05465P-10-1	AXONICS INC			1,185,000	73,743	62,230	73,743	50,421			19,048	(356)		(356)		06/25/2021	
05478C-10-5	AZEK CO INC THE			2,980,000	113,985	38,250	113,985	110,617		318		517		53,431		06/25/2021	
05508R-10-6	B&G FOODS INC			1,674,000	17,577	10,500	17,577	10,500		1,272		652		(1,088)		06/24/2022	
05550J-10-1	BJ S WHOLESALE CLUB HOLDINGS			3,420,000	227,977	66,660	227,977	97,046			230	1,710		1,710		06/26/2020	
05561Q-20-1	BOK FINANCIAL CORP			655,000	56,101	85,650	56,101	53,561		138		(11,882)		(11,882)		10/01/2018	
055645-30-3	BRT REALTY TRUST			552,000	10,262	18,591	10,262	6,569		552		3,208		(580)		12/21/2018	

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 Foreign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
05589G-10-2	BRP GROUP INC A			1,510,000	36,270	24,020	36,270	38,959			73	(1,691)		(1,691)		06/24/2022	
05591L-10-7	BM TECHNOLOGIES INC			1,000		8,000		6								12/17/2020	
05605H-10-0	BWX TECHNOLOGIES INC			2,196,000	168,499	76,730	168,499	61,816	2,020			40,955		40,955		08/02/2010	
05652S-10-8	BADGER METER INC			120,563	120,563	154,370	120,563	8,431	773			35,411		35,411		06/26/2009	
05722G-10-0	BAKER HUGHES COMPANY			26,083,000	891,517	34,180	891,517	758,527	627	19,854		120,978		120,978		06/23/2023	
05766S-20-0	BALCHEM CORP			794,000	118,108	148,751	118,108	6,979		564	1,547	21,152		21,152		06/24/2005	
058498-10-6	BALL CORP			8,256,000	474,885	57,520	474,885	130,709		6,605		52,673		52,673		06/23/2017	
05875B-10-6	BALLY'S CORP COMMON STOCK			925,000	12,895	13,941	12,895	29,968	252			(5,032)		(5,032)		06/25/2021	
05945F-10-3	BANCFIRST CORP			585,000	56,938	97,330	56,938	41,474		854		5,258		5,258		06/23/2023	
05969A-10-5	BANCORP INC/DE			1,514,000	58,380	38,560	58,380	14,049		1,603		15,413		15,413		06/28/2013	
05988J-10-3	BANDWIDTH INC CLASS A			669,000	9,680	14,469	9,680	56,820	369			(5,673)		(5,673)		06/25/2021	
05990K-10-6	BANC OF CALIFORNIA INC			3,688,000	49,530	13,430	49,530	44,429		848	207	1,076		1,076		12/01/2023	
06050S-10-4	BANK OF AMERICA CORP			177,769,000	5,985,482	33,670	5,985,482	2,567,789	53	163,547	15,951	97,773		97,773		03/30/2012	
06211J-10-0	BANK FIRST NATIONAL CORP			178,000	15,425	86,657	15,425	12,171		205		(1,096)		(1,096)		09/20/2019	
062540-10-9	BANK OF HAWAII CORP			1,195,000	86,590	72,460	86,590	48,570		3,346		(6,095)		(6,095)		06/24/2016	
06342S-10-2	BANK OF MARIN BANCORP			468,000	10,305	22,019	10,305	6,820		468	630	(5,082)		(5,082)		06/26/2009	
064058-10-0	BANK OF NEW YORK MELLON CORP			20,283,000	1,055,730	52,050	1,055,730	612,041		31,155	182,517	135,681		135,681		06/23/2023	
06417N-10-3	BANK OZK			2,750,000	137,033	49,830	137,033	96,817		3,905		26,868		26,868		06/23/2017	
06652K-10-3	BANKUNITED INC			1,329,000	43,099	32,430	43,099	44,593		1,409		(2,047)		(2,047)		06/26/2015	
06652V-20-8	BANNER CORPORATION			887,000	47,508	53,560	47,508	46,927		1,703	3,320	(8,551)		(8,551)		03/19/2021	
066849-10-0	BAR HARBOR BANKSHARES			622,000	18,262	29,360	18,262	14,766		684		(1,667)		(1,667)		01/17/2017	
067806-10-9	BARNES GROUP INC			489,000	15,956	32,630	15,956	18,618		313	1,233	(4,020)		(4,020)		09/18/2020	
068463-10-8	BARRETT BUSINESS SERVICES INC			274,000	31,729	115,799	31,729	3,033		329	15,006	6,170		6,170		06/26/2009	
070830-10-4	BATH & BODY WORKS INC			5,767,000	248,904	43,160	248,904	101,187	3,704	4,614	1,945	5,882		5,882		08/03/2021	
071813-10-9	BAXTER INTERNATIONAL INC			12,773,000	493,804	38,660	493,804	231,480		14,817		(157,236)		(157,236)		06/26/2020	
07368S-10-9	BEACON ROOFING SUPPLY INC			1,298,000	112,952	87,020	112,952	45,506				44,431		44,431		06/25/2021	
07373V-10-5	BEAM THERAPEUTICS INC			1,758,000	47,853	27,220	47,853	74,856				(20,903)		(20,903)		06/24/2022	
07556Q-88-1	BEAZER HOMES USA INC			1,140,000	38,521	33,790	38,521	70,208				23,974		23,974		06/23/2017	
075887-10-9	BECTON DICKINSON & CO			7,322,000	1,785,323	243,830	1,785,323	746,570		26,945	40,249	(76,661)		(76,661)		03/19/2021	
077347-30-0	BEL FUSE INC			278,000	18,562	66,770	18,562	15,422		39		3,140		3,140		06/23/2023	
077454-10-6	BELDEN INC			1,128,000	87,138	77,250	87,138	45,309	56	226	4,837	6,035		6,035		12/17/2002	
07831C-10-3	BELLRING BRANDS INC			3,638,000	201,654	55,430	201,654	53,952				108,376		108,376		03/11/2022	
08160H-10-1	BENCHMARK ELECTRONICS INC			1,361,000	37,618	27,640	37,618	25,981	225	898	1,086	1,293		1,293		06/27/2014	
08265T-20-8	BENTLEY SYSTEMS INC CLASS B			5,140,000	268,205	52,180	268,205	292,663		974	235	70,306		70,306		06/23/2023	
084423-10-2	BERKLEY WR CORP			5,570,000	393,910	70,720	393,910	40,958		10,750	790	(10,305)		(10,305)		06/24/2005	
084670-70-2	BERKSHIRE HATHAWAY INC			47,232,000	16,845,765	356,660	16,845,765	4,753,516			117,447	2,222,548		2,222,548		12/15/2023	
084680-10-7	BERKSHIRE HILLS BANCORP INC			30,913	1,245,000	24,830	1,245,000	34,698		896	10,122	(6,312)		(6,312)		06/25/2021	
08579I-10-3	BERRY PLASTICS GROUP INC			2,865,000	193,072	67,390	193,072	93,140		2,937	3,357	19,940		19,940		06/23/2017	
08579X-10-1	BERRY PETE CORP			1,669,000	11,733	7,030	11,733	19,728		1,619	1,893	(1,619)		(1,619)		03/15/2019	
086516-10-1	BEST BUY CO INC			5,052,000	395,471	78,280	395,471	158,218	4,648			2,913		(9,750)		06/25/2021	
08862E-10-9	BEYOND MEAT INC			1,699,000	15,121	8,900	15,121	164,516			1,359	(5,794)		(5,794)		06/26/2020	
088929-10-4	BGC GROUP INC			8,951,000	64,626	7,220	64,626	50,095		179	1,159	14,531		14,531		07/03/2023	
08915P-10-1	BIG 5 SPORTING GOODS CORP			3,665	3,665	6,341	3,665	14,825		506		(1,439)		(1,439)		06/25/2021	
08975P-10-8	BIGCOMMERCE HOLDINGS INC			1,735,000	16,882	9,730	16,882	86,223			613	1,718		1,718		06/24/2022	
08986R-30-9	BIGLARI HOLDINGS INC			39,000	6,432	164,923	6,432	6,790			1,463	1,019		1,019		05/01/2018	
090043-10-0	BILL COM HOLDINGS INC			2,787,000	227,391	81,590	227,391	381,279				(76,280)		(76,280)		06/24/2022	

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1	2	Codes		5	6	Fair Value		9	Dividends			Change in Book/Adjusted Carrying Value				17	18
		3	4			7	8		10	11	12	13	14	15	16			NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
CUSIP Identification	Description	Code	Foreign	Number of Shares	Book/Adjusted Carrying Value	Rate Per Share Used to Obtain Fair Value	Fair Value	Actual Cost	Declared but Unpaid	Amount Received During Year	Nonadmitted Declared But Unpaid	Unrealized Valuation Increase/ (Decrease)	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (13 - 14)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Date Acquired	
090572-20-7	BIO RAD LABORATORIES INC			536,000	173,069	322.890	173,069	73,097				(52,314)		(52,314)		12/16/2016	
09058V-10-3	BIOCRYST PHARMACEUTICALS INC			5,428,000	32,514	5.990	32,514	69,598				(29,800)		(29,800)		03/19/2021	
09061G-10-1	BIOMARIN PHARMACEUTICAL INC			4,868,000	469,373	96.420	469,373	163,906			1,176	(34,417)		(34,417)		06/23/2017	
09062W-20-4	BIOLIFE SOLUTION INC			11,066	11,066	16.250	11,066	23,510			78	(1,328)		(1,328)		06/25/2021	
09062X-10-3	BIOGEN IDEC INC			3,685,000	953,567	258.770	953,567	173,286			17,781	(66,883)		(66,883)		06/24/2005	
09073M-10-4	BIO TECHNE CORP			4,009,000	309,334	77.160	309,334	52,334		1,283		(22,931)		(22,931)		06/24/2016	
09077A-10-6	BIOMEA FUSION INC			7,652	16,520	14.520	16,520	16,162				(8,510)		(8,510)		06/23/2023	
09077B-10-4	BIOATLA INC			6,511,000	16,017	2.460	16,017	22,787				(6,770)		(6,770)		06/23/2023	
09180C-10-6	BJ'S RESTAURANTS INC			817,000	29,420	36.010	29,420	17,363				7,868		7,868		06/22/2012	
092113-10-9	BLACK HILLS CORP			1,598,000	86,212	53.950	86,212	75,443		3,995		(26,191)		(26,191)		06/28/2019	
092270-10-0	BLACKBAUD INC			976,000	84,619	86.700	84,619	31,862				142,454		142,454		06/23/2017	
09238E-10-4	BLACKHAIK NETWORK HOLDINGS			0.000	0.000	0.000	0.000			958						06/03/2022	
09239B-10-9	BLACKLINE INC			1,613,000	100,716	62.440	100,716	82,220			2,006	(7,791)		(7,791)		06/26/2020	
09247X-10-1	BLACKROCK INC			3,801,000	3,085,652	811.800	3,085,652	1,050,571			76,020	392,149		392,149		06/24/2022	
09257W-10-0	BLACKSTONE MORTGAGE TR			4,285,000	90,717	21.270	90,717	134,629	2,644		30,132	427		427		06/26/2020	
09260D-10-7	BLACKSTONE GROUP INC THE			18,249,000	2,389,159	130.920	2,389,159	1,810,663		60,587		13,361		13,361		03/18/2022	
092667-10-4	BLADE AIR MOBILITY INC			1,241,000	4,381	3.530	4,381	6,788				(62)		(62)		06/24/2022	
09354A-10-0	BLINK CHARGING CO			1,095,000	3,712	3.390	3,712	46,283				(8,300)		(8,300)		06/25/2021	
093671-10-5	BLOCK H & R INC COM			3,457,000	167,215	48.370	167,215	81,952	1,106	4,114		41,000		41,000		06/24/2022	
093712-10-7	BLOOM ENERGY CORP A			4,522,000	66,926	14.800	66,926	91,160				(19,535)		(19,535)		06/24/2022	
094235-10-8	BLOOMIN' BRANDS INC			2,235,000	62,915	28.150	62,915	51,821		1,930		74		74		03/17/2023	
095306-10-6	BLUE BIRD CORP			7,495	26,960	4.656	26,960	4,518				4,518		4,518		06/23/2017	
09549B-10-4	BLUE FOUNDRY BANCORP			383,000	3,704	9.671	3,704	4,860				(1,218)		(1,218)		06/24/2022	
09581B-10-3	BLUE OIL CAPITAL INC			11,576,000	172,482	14.900	172,482	125,593		6,367		49,777		49,777		06/24/2022	
095825-10-5	BLUE RIDGE BANKSHARES INC			11,285,000	34,194	3.030	34,194	34,984				(790)		(790)		12/15/2023	
09609G-10-0	BLUEBIRD BIO INC			2,108,000	2,909	1.380	2,909	131,650				(11,678)		(11,678)		06/26/2020	
09624H-20-8	BLUELINX HOLDINGS INC			224,000	25,381	113.308	25,381	10,353				9,453		9,453		06/25/2021	
09627Y-10-9	BLUEPRINT MEDICINES CORP			1,758,000	162,158	92.240	162,158	71,793				85,140		85,140		06/26/2020	
097023-10-5	BOEING CO			14,377,000	3,747,509	260.660	3,747,509	693,256				1,007,535		1,007,535		03/17/2023	
09739D-10-0	BOISE CASCADE CO			937,000	121,210	129.360	121,210	35,096		8,152		56,867		56,867		03/31/2015	
097793-40-0	BONANZA CREEK ENERGY INC			784,000	44,249	56.440	44,249	22,773								06/23/2017	
09857L-10-8	BOOKING HOLDINGS INC			920,000	3,263,442	3,547.220	3,263,442	165,249				1,409,385		1,409,385		06/28/2013	
099406-10-0	BOOT BARN HOLDINGS INC			819,000	62,866	76.759	62,866	41,564				11,663		11,663		06/25/2021	
099502-10-6	BOOZ ALLEN HAMILTON HOLDING			3,394,000	434,127	127.910	434,127	90,463		6,381		79,386		79,386		06/23/2017	
099724-10-6	BORGWARNER INC			6,230,000	223,346	35.850	223,346	70,571		3,489		2,353		2,353		03/19/2021	
100557-10-7	BOSTON BEER CO INC			206,000	71,192	345.592	71,192	27,476				3,310		3,310		09/18/2020	
101044-10-5	BOSTON OMAHA CORP CL A			353,000	13,920	5.553	13,920	15,731				(3,802)		(3,802)		03/19/2021	
101121-10-1	BOSTON PROPERTIES INC			4,442,000	311,695	70.170	311,695	301,482	4,353	17,413		11,505		11,505		06/24/2016	
101137-10-7	BOSTON SCIENTIFIC CORP			37,713,000	2,180,189	57.810	2,180,189	623,944				422,885		422,885		12/15/2023	
10258P-10-2	BOWLERO CORP			590,000	8,354	14.159	8,354	6,124				401		401		06/24/2022	
10316T-10-4	BOX INC			3,187,000	81,619	25.610	81,619	69,960				(17,592)		(17,592)		06/22/2018	
103304-10-1	BOYD GAMING CORP			1,802,000	112,823	62.610	112,823	16,289	288	1,153		14,560		14,560		06/27/2014	
10482B-10-1	BRAEMAR HOTELS & RESORTS INC			1,188,000	2,970	7.033	2,970	1,913	59			(1,913)		(1,913)		06/25/2021	
105368-20-3	BRANDYVINE REALTY TRUST			3,704,000	20,002	5.400	20,002	61,863		2,667		(2,778)		(2,778)		06/26/2015	
10576N-10-2	BRAZE INC			916,000	48,667	53.130	48,667	36,766				11,901		11,901		06/23/2023	
10806X-10-2	BRIDGEBIO PHARMA INC			3,248,000	131,122	40.370	131,122	79,040				106,372		106,372		01/27/2021	

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 Foreign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
108621-10-3 ...	BRIDGEWATER BANCSHARES INC			882.000	11,925	13,520	11,925	14,482				(3,722)		(3,722)		06/24/2022	
109194-10-0 ...	BRIGHT HORIZONS FAM SOLUTION			1,598.000	150,596	94,240	150,596	94,004				49,762		49,762		06/23/2017	
10921T-10-1 ...	BRIGHTCOVE			1,247.000	3,230	2,590	3,230	12,849				(3,292)		(3,292)		06/28/2013	
10922N-10-3 ...	BRIGHTHOUSE FINANCIAL INC			1,542.000	81,603	52,920	81,603	75,108				2,544		2,544		06/22/2018	
10948C-10-7 ...	BRIGHTVIEW HOLDINGS INC			511.000	4,303	8,421	4,303	8,786				782		782		09/21/2018	
10949W-10-3 ...	BRIGHTSPHERE INVESTMENT GROUP			1,604.000	30,733	19,160	30,733	23,522		64		(2,278)		(2,278)		07/15/2019	
10949T-10-9 ...	BRIGHTSPIRE CAPITAL INC REIT			3,033.000	22,566	7,440	22,566	59,959	607	2,426		3,670		3,670		06/22/2018	
109641-10-0 ...	BRINKER INTERNATIONAL INC			1,545.000	66,713	43,180	66,713	27,535				17,412		17,412		06/24/2016	
109696-10-4 ...	BRINKS CO			1,108.000	97,449	87,950	97,449	27,398		953		37,938		37,938		06/24/2022	
110122-10-8 ...	BRISTOL-MYERS SQUIBB CO			52,516.000	2,694,596	51,310	2,694,596	2,333,071		119,736		(1,083,930)		(1,083,930)		11/20/2019	
11040G-10-3 ...	BRISTOW GROUP INC			510.000	14,418	28,271	14,418	18,951				581		581		09/17/2021	
11120U-10-5 ...	BRIXMOR PROPERTY GROUP INC			7,811.000	181,762	23,270	181,762	161,363		8,123		4,687		4,687		06/23/2017	
11133T-10-3 ...	BROADRIDGE FINANCIAL SOLUTIONS			2,935.000	603,876	205,750	603,876	48,174	2,348	8,677		210,205		210,205		06/26/2015	
11135E-20-3 ...	BROADSTONE NET LEASE INC A			4,091.000	70,447	17,220	70,447	91,526	1,166	4,541		4,132		4,132		06/24/2022	
11135F-10-1 ...	BROADCOM INC			11,102.000	12,392,608	1,116,252	12,392,608	2,267,966		198,747		5,796,011		5,796,011		10/23/2023	
112463-10-4 ...	BROOKDALE SENIOR LIVING INC			36,148	36,148	5,820	36,148	134,879				19,192		19,192		06/23/2017	
11373M-10-7 ...	BROOKLINE BANCORP INC			740.000	8,073	10,909	8,073	16,006		400		(7,062)		(7,062)		12/20/2022	
114340-10-2 ...	BROOKS AUTOMATION INC			1,501.000	97,775	65,140	97,775	46,873				10,387		10,387		06/24/2022	
115236-10-1 ...	BROWN & BROWN INC			5,910.000	420,260	71,110	420,260	46,627		2,807		83,567		83,567		06/26/2015	
115637-10-0 ...	BROWN-FORMAN CORP			1,291.000	76,931	59,590	76,931	54,308	281	1,077		(7,965)		(7,965)		06/23/2017	
115637-20-9 ...	BROWN-FORMAN CORP			4,794.000	273,737	57,100	273,737	175,412	1,044	4,000		(41,133)		(41,133)		06/26/2020	
116794-10-8 ...	BRUKER CORP			2,841.000	208,757	73,480	208,757	38,060		568		14,574		14,574		06/28/2013	
117043-10-9 ...	BRUNSWICK CORP/DE			1,841.000	178,117	96,750	178,117	22,275		2,946		45,417		45,417		06/22/2012	
118440-10-6 ...	BUCKLE INC/THE			524.000	24,900	47,519	24,900	19,363		2,122		1,137		1,137		09/17/2021	
120076-10-4 ...	BUILD-A-BEAR WORKSHOP INC			326.000	7,495	22,991	7,495	5,467		489		(277)		(277)		06/24/2022	
12008R-10-7 ...	BUILDERS FIRSTSOURCE INC			3,172.000	529,534	166,940	529,534	47,966				323,734		323,734		01/05/2021	
12047B-10-5 ...	BUMBLE INC A			2,348.000	34,610	14,740	34,610	75,085				(14,816)		(14,816)		06/24/2022	
12135Y-10-8 ...	BURKE & HERBERT FINL SVCS CORP			479.000	30,129	62,900	30,129	36,397		508		(6,268)		(6,268)		06/23/2023	
122017-10-6 ...	BURLINGTON STORES INC			1,622.000	315,447	194,480	315,447	87,733				(13,430)		(13,430)		06/24/2016	
12326C-10-5 ...	BUSINESS FIRST BANCSHARES			313.000	7,715	24,649	7,715	8,363		157		786		786		06/22/2018	
124155-10-2 ...	BUTTERFLY NETWORK INC			4,980.000	5,378	1,080	5,378	63,767				(6,872)		(6,872)		09/17/2021	
124411-10-9 ...	BYLINE BANCORP INC			241.000	5,678	23,560	5,678	4,851		87		142		142		09/15/2017	
12468P-10-4 ...	C3 AI INC A			1,740.000	49,955	28,710	49,955	83,875				30,485		30,485		12/17/2021	
124805-10-2 ...	CBIZ INC			1,147.000	71,791	13,768	71,791	62,590				18,054		18,054		12/17/2002	
12481V-10-4 ...	CBTX INC			654.000	1	29,251	1	22,261								06/22/2018	
124830-87-8 ...	CBL & ASSOCIATES PROPERTIES			1,043.000	25,470	24,420	25,470	26,324		1,564		1,398		1,398		06/24/2022	
12503M-10-8 ...	CBRE HOLDINGS INC			2,571.000	459,078	178,560	459,078	146,682		5,399		136,494		136,494		06/23/2017	
12504L-10-9 ...	CBRE GROUP INC			7,981.000	742,951	93,090	742,951	205,943				128,734		128,734		06/28/2019	
12510Q-10-0 ...	CCC INTELLIGENT SOLUTIONS HLD			5,023.000	57,212	11,390	57,212	47,715				13,512		13,512		06/24/2022	
125141-10-1 ...	CECO ENVIRONMENTAL CORP			15,332	756,000	20,280	756,000	12,076				3,255		3,255		09/15/2023	
12514G-10-8 ...	CDW CORPORATION			3,440.000	781,981	227,320	781,981	123,321		8,222		167,666		167,666		06/24/2016	
125269-10-0 ...	CF INDUSTRIES HOLDINGS INC			5,112.000	406,404	79,500	406,404	58,566		8,179		(29,138)		(29,138)		04/30/2010	
12541W-20-9 ...	CH ROBINSON WORLDWIDE INC			264,613	3,063,000	86,390	264,613	64,354	1,868	7,276		(15,836)		(15,836)		06/24/2005	
125523-10-0 ...	CIGNA CORP			7,520.000	2,251,864	299,450	2,251,864	151,781		36,998		(239,813)		(239,813)		12/21/2018	
125720-10-5 ...	CME GROUP INC			9,241.000	1,946,155	210,600	1,946,155	894,716		48,515		86,098		392,188		11/01/2018	
125896-10-0 ...	CMS ENERGY CORP			8,112.000	471,064	58,070	471,064	124,481		15,818		(42,669)		(42,669)		06/22/2018	

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
126117-10-0	QNA FINANCIAL CORP			974.000	41,210	42,310	41,210	40,598		323			943			12/15/2023	
126128-10-7	QNB FINANCIAL CORP			498.000	11,250	22,590	11,250	7,873		349			(598)			06/26/2009	
126187-10-5	QRA INTERNATIONAL INC			260.000	25,701	98,850	25,701	7,365		390			(6,131)			06/27/2008	
12621E-10-3	QNO FINANCIAL GROUP INC			2,368.000	66,067	27,900	66,067	10,149		1,397			11,958			08/31/2009	
126327-10-5	CS DISCO INC			713.000	5,412	7,590	5,412	23,682					906			06/24/2022	
126349-10-9	CSG SYSTEMS INTERNATIONAL INC			1,113.000	59,223	59,223	59,223	31,079		1,247			(4,441)			06/25/2010	
126402-10-6	CSW INDUSTRIALS INC			302.000	62,638	207,411	62,638	10,649		223			27,627			06/23/2017	
126408-10-3	CSX CORP			51,177.000	1,774,307	34,670	1,774,307	114,419		22,518			188,843			06/26/2020	
126501-10-5	CTS CORP			1,256.000	54,937	43,740	54,937	50,878	50	201			5,426			12/17/2020	
12653C-10-8	CNX RESOURCES CORP			3,718.000	74,360	20,000	74,360	10,861					11,749			06/25/2021	
126600-10-5	CVB FINANCIAL CORP			2,723.000	54,977	20,190	54,977	14,887		1,633			(15,140)			06/26/2003	
12662P-10-8	CVR ENERGY INC			875.000	26,513	30,301	26,513	40,762		3,938			(910)			06/24/2022	
126650-10-0	CVS/CAREMARK CORP			33,036.000	2,608,523	78,960	2,608,523	1,132,436		79,947			(470,102)			11/29/2018	
12674W-10-9	CABALETTA BIO INC			2,046.000	46,444	22,700	46,444	39,544					6,900			12/15/2023	
12685J-10-5	CABLE ONE INC			163.000	90,724	556,589	90,724	67,921		1,891			(25,309)			06/26/2020	
127055-10-1	CABOT CORP			1,280.000	106,880	83,500	106,880	22,216		2,010			21,325			06/23/2017	
127097-10-3	CABOT OIL & GAS CORP			19,268.000	491,719	25,520	491,719	174,722		22,544			18,305			10/01/2021	
127190-30-4	CACI INTERNATIONAL INC			589.000	190,754	323,861	190,754	35,605					13,706			06/23/2017	
127203-10-7	CACTUS INC			1,403.000	63,696	45,400	63,696	33,132		645			(6,819)			06/26/2020	
127387-10-8	CADENCE DESIGN SYSTEMS INC			6,951.000	1,893,244	272,370	1,893,244	163,978					776,635			06/23/2017	
12740C-10-3	CADENCE BANK			4,677.000	138,392	29,590	138,392	86,813	1,375	4,414			23,058			10/29/2021	
12763L-10-5	CADRE HOLDING INC			383.000	12,597	32,890	12,597	7,334		123			4,883			06/24/2022	
12769G-10-0	CAESARS ENTERTAINMENT INC			5,302.000	248,558	46,880	248,558	273,817					27,995			06/25/2021	
128030-20-2	CAL-MAINE FOODS INC			700.000	40,173	57,390	40,173	5,375		3,018			2,058			06/22/2007	
128246-10-5	CALAVO GROWERS INC			583.000	17,146	29,410	17,146	13,020		175			6			06/24/2016	
129500-10-4	CALERES INC			1,001.000	30,761	30,730	30,761	26,941	70	280			8,458			06/25/2021	
130570-30-5	CALIFORNIA RESOURCES CORP			2,028.000	110,891	54,680	110,891	72,715		2,347			22,653			09/16/2022	
130788-10-2	CALIFORNIA WATER SERVICE GROUP			1,070.000	55,501	51,870	55,501	12,751		1,113			(9,384)			06/30/2006	
13100M-50-9	CALIX INC			1,720.000	75,147	43,690	75,147	35,379					(42,553)			06/24/2011	
131193-10-4	CALLAWAY GOLF CO			3,596.000	51,567	14,340	51,567	66,561					(19,454)			06/24/2022	
13123X-50-8	CALLON PETROLEUM CO			782.000	25,337	32,400	25,337	25,030					307			06/23/2023	
132152-10-9	CAMBRIDGE BANCORP			135.000	9,369	69,400	9,369	11,553		362			(1,844)			06/22/2018	
133034-10-8	CAMDEN NATIONAL CORP			613.000	23,067	37,630	23,067	10,173		1,030			(2,489)			06/27/2008	
133131-10-2	CAMDEN PROPERTY TRUST			2,780.000	276,026	99,290	276,026	120,225	2,780				(35,000)			06/22/2012	
134429-10-9	CAMPBELL SOUP CO			5,433.000	234,869	43,230	234,869	205,213		8,041			(73,454)			06/24/2016	
13462K-10-9	CAMPING WORLD HOLDINGS INC-A			895.000	23,503	26,260	23,503	22,694		1,343			3,526			06/24/2022	
13765N-10-7	CANNAE HOLDINGS INC			2,523.000	49,224	25,752	49,224	19,510					(2,876)			11/20/2017	
138103-10-6	CANTALOUE INC			1,535.000	11,374	7,410	11,374	18,035					4,697			06/25/2021	
139674-10-5	CAPITAL CITY BANK GROUP INC			447.000	13,155	29,430	13,155	9,807		340			(1,372)			06/30/2006	
14040H-10-5	CAPITAL ONE FINANCIAL CORP			9,758.000	1,279,469	131,120	1,279,469	427,851		23,419			372,365			07/31/2012	
14057J-10-1	CAPITOL FEDERAL FINANCIAL			2,335.000	15,061	6,450	15,061	21,976		794			(5,137)			06/24/2022	
14070T-10-2	CAPSTAR FINANCIAL HOLDINGS INC			314.000	5,884	18,739	5,884	5,818		135			339			06/23/2017	
140755-10-9	CARA THERAPEUTICS INC			1,052.000	782	0,743	782	16,243					(10,517)			06/23/2017	
14149Y-10-8	CARDINAL HEALTH INC			6,478.000	652,982	100,800	652,982	200,110	3,243	12,583			155,019			09/18/2020	
14167L-10-3	CAREDX INC			1,462.000	17,544	12,000	17,544	25,736					863			06/28/2019	
14174T-10-7	CARETRUST REIT INC			3,202.000	71,661	22,380	71,661	43,607		897			12,168			06/24/2022	

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 Foreign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
141788-10-9 ...	CARGURUS INC			2,709,000	65,449	24,160	65,449	83,796				27,496		27,496	06/26/2020		
142038-10-8 ...	CARIBOU BIOSCIENCES INC			1,471,000	8,429	5,730	8,429	15,974				(809)		(809)	06/24/2022		
14216R-10-1 ...	CARISMA THERAPEUTICS INC			2,907,000	8,518	2,930	8,518	24,970				(16,452)		(16,452)	06/23/2023		
142339-10-0 ...	CARLISLE COMPANIES INC			1,290,000	403,035	312,430	403,035	33,324		4,128		99,046		99,046	06/27/2014		
143130-10-2 ...	CARMAX INC			4,160,000	319,238	76,740	319,238	59,022				65,936		65,936	11/26/2003		
14316J-10-8 ...	CARLYLE GROUP INC THE			5,682,000	231,201	40,690	231,201	174,877		7,813		61,650		61,650	06/24/2022		
143905-10-7 ...	CARRIAGE SERVICES INC			318,000	7,953	25,009	7,953	5,388		143		(805)		(805)	06/28/2013		
14427M-10-7 ...	CARPARTS.COM INC COMMON STOCK			1,412,000	4,462	3,160	4,462	19,100				(4,377)		(4,377)	06/25/2021		
144285-10-3 ...	CARPENTER TECHNOLOGY CORP			1,242,000	87,934	70,800	87,934	38,847		994		42,054		42,054	06/24/2022		
14448C-10-4 ...	CARRIER GLOBAL CORP			21,689,000	1,246,033	57,450	1,246,033	185,806	4,121	15,765		351,362		351,362	06/26/2020		
14574X-10-4 ...	CARROLS RESTAURANT GROUP INC			957,000	7,541	7,880	7,541	4,412		19		3,129		3,129	06/23/2023		
14575E-10-5 ...	CARS.COM INC			2,223,000	42,170	18,970	42,170	9,917				11,560		11,560	06/01/2017		
146103-10-6 ...	CARTER BANKSHARES INC			550,000	8,234	14,971	8,234	10,705				(891)		(891)	11/23/2020		
146229-10-9 ...	CARTER'S INC			1,022,000	76,538	74,890	76,538	39,056		3,066		286		286	06/28/2013		
146869-10-2 ...	CARVANA CO			2,528,000	133,832	52,940	133,832	75,207				58,625		58,625	12/15/2023		
147448-10-4 ...	CASELLA WASTE SYSTEMS INC			1,375,000	117,508	85,460	117,508	85,460				8,456		8,456	06/24/2011		
147528-10-3 ...	CASEY'S GENERAL STORES INC			959,000	263,476	274,740	263,476	58,890		1,554		48,324		48,324	06/23/2017		
14808P-10-9 ...	CASS INFORMATION SYSTEMS INC			576,000	25,949	45,050	25,949	27,048		674		(444)		(444)	12/16/2016		
14817C-11-5 ...	CASSAVA SCIENCES INC WARRANT			459,000	3,087	6,725	3,087	3,887				(800)		(800)	12/21/2023		
14843C-10-5 ...	CASTLE BIOSCIENCES INC			627,000	13,531	21,581	13,531	33,563				(1,229)		(1,229)	06/25/2021		
148806-10-2 ...	CATALENT INC			4,893,000	219,842	44,930	219,842	144,122				(391)		(391)	06/23/2017		
14888U-10-1 ...	CATALYST PHARMACEUTICALS INC			1,670,000	28,073	16,810	28,073	6,412				(2,989)		(2,989)	06/28/2019		
148929-10-2 ...	CAVA GROUP INC			417,000	17,923	42,981	17,923	14,772				3,151		3,151	09/15/2023		
149123-10-1 ...	CATERPILLAR INC			13,162,000	3,891,609	295,670	3,891,609	440,656		65,810		738,520		738,520	06/22/2018		
149150-10-4 ...	CATHAY GENERAL BANCORP			1,563,000	69,663	44,570	69,663	20,415		2,126		5,908		5,908	06/24/2011		
149205-10-6 ...	CATO CORP/THE			966,000	6,897	7,140	6,897	14,695	164	657		(2,116)		(2,116)	06/24/2005		
149568-10-7 ...	CAVCO INDUSTRIES INC			237,000	82,149	346,620	82,149	7,912				28,528		28,528	06/27/2008		
150870-10-3 ...	CELANESE CORP			2,649,000	411,575	155,370	411,575	117,425		7,417		140,741		140,741	06/23/2017		
15117B-20-2 ...	CELLDEX THERAPEUTICS INC			1,296,000	51,399	39,660	51,399	45,370				(6,363)		(6,363)	09/17/2021		
15118V-20-7 ...	CELSIUS HOLDINGS INC			1,187,000	194,145	54,520	194,145	41,639				(58,780)		(58,780)	09/17/2021		
15135B-10-1 ...	CENTENE CORP			14,200,000	1,053,782	74,210	1,053,782	583,433				(110,760)		(110,760)	01/24/2020		
15189T-10-7 ...	CENTERPOINT ENERGY INC			16,876,000	482,147	28,570	482,147	381,493		12,995		(23,964)		(23,964)	06/24/2022		
15202L-10-7 ...	CENTERSPACE			460,000	26,772	58,200	26,772	44,278	336	1,343		(216)		(216)	12/21/2020		
153527-10-6 ...	CENTRAL GARDEN AND PET CO			400,000	20,044	50,110	20,044	10,348				5,064		5,064	06/23/2017		
153527-20-5 ...	CENTRAL GARDEN AND PET CO			1,366,000	60,159	44,040	60,159	16,800				11,256		11,256	06/28/2013		
154760-40-9 ...	CENTRAL PACIFIC FINANCIAL CORP			1,125,000	22,140	19,680	22,140	18,287		1,170		(675)		(675)	06/23/2017		
156431-10-8 ...	CENTURY ALUMINUM CO			1,274,000	15,466	12,140	15,466	12,232				5,045		5,045	06/24/2022		
15643U-10-4 ...	CENTRUS ENERGY CORP A			230,000	12,514	54,409	12,514	6,062				5,044		5,044	06/25/2021		
156492-10-0 ...	CENTURY CASINOS INC			761,000	3,714	4,880	3,714	5,601				(1,636)		(1,636)	06/23/2017		
156504-30-0 ...	CENTURY COMMUNITIES			629,000	57,327	91,140	57,327	31,550		579		25,871		25,871	12/16/2022		
156727-10-9 ...	CERENCE INC			1,164,000	22,884	19,660	22,884	18,938				1,315		1,315	10/02/2019		
15673T-10-0 ...	CENTURY THERAPEUTICS INC			298,000	989	3,319	989	7,380				(539)		(539)	09/17/2021		
15677J-10-8 ...	CERIDIAN HCM HOLDING INC			3,791,000	254,452	67,120	254,452	210,076				11,259		11,259	06/25/2021		
15678U-12-8 ...	CEREVEL THERAPEUTICS HOLDING			1,443,000	61,183	42,400	61,183	26,356				15,671		15,671	06/24/2022		
15687V-10-9 ...	CERTARA INC			3,092,000	54,388	17,590	54,388	95,843				4,700		4,700	06/24/2022		
157085-10-1 ...	CERUS CORP			4,212,000	9,098	2,160	9,098	18,297				(6,276)		(6,276)	06/24/2016		

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ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 Foreign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
157210-10-5 ...	CEVA INC			839,000	19,054	22,710	19,054	6,598				(2,408)		(2,408)		06/27/2008	
15872M-10-4 ...	CHAMPIONX CORP			4,600,000	134,366	29,210	134,366	57,861		1,518		1,012		1,012		09/16/2022	
159610-10-4 ...	CHARGE ENTERPRISES INC			1,393,000	159	0.114	159	7,611				(1,568)		(1,568)		06/24/2022	
15961R-10-5 ...	CHARGEPOINT HOLDINGS INC			19,095,000	44,682	2,340	44,682	180,694				(53,816)		(53,816)		12/15/2023	
159864-10-7 ...	CHARLES RIVER LAB INTL INC			1,399,000	330,724	236,400	330,724	49,302				25,882		25,882		06/30/2006	
16115Q-30-8 ...	CHART INDUSTRIES INC			1,052,000	143,419	136,330	143,419	47,823				22,197		22,197		06/26/2015	
16119P-10-8 ...	CHARTER COMMUNICATIONS INC			2,642,000	1,026,893	388,680	1,026,893	382,106				130,990		130,990		05/18/2016	
16208T-10-2 ...	CHATHAM LODGING TRUST			1,449,000	15,533	10,720	15,533	32,102	101		406	(2,246)		(2,246)		06/26/2015	
163072-10-1 ...	CHEESECAKE FACTORY/THE			1,085,000	37,986	35,010	37,986	27,585		1,172		3,581		3,581		06/24/2016	
163086-10-1 ...	CHEF'S WAREHOUSE INC/THE			22,838	776,000	29,430	22,838	14,356				(2,988)		(2,988)		06/27/2014	
163092-10-9 ...	CHEGG INC			3,631,000	41,248	11,360	41,248	61,048				(50,507)		(50,507)		06/25/2021	
16359R-10-3 ...	CHEMED CORP			365,000	213,434	584,751	213,434	31,771			569	27,127		27,127		06/23/2017	
163851-10-8 ...	CHEMOURS CO			3,126,000	98,594	31,540	98,594	60,689		3,126		2,876		2,876		06/24/2022	
16411R-20-8 ...	CHENIERE ENERGY INC			6,143,000	1,048,672	170,710	1,048,672	154,863		9,952		127,467		127,467		06/24/2022	
165167-73-5 ...	CHESAPEAKE ENERGY CORP			3,194,000	245,746	76,940	245,746	188,621		11,562		(55,672)		(55,672)		06/24/2022	
165303-10-8 ...	CHESAPEAKE UTILITIES CORP			349,000	36,865	105,630	36,865	7,590	206		649	(4,380)		(4,380)		10/29/2009	
166764-10-0 ...	CHEVRON CORP			44,384,000	6,620,317	149,160	6,620,317	1,975,831		265,301		(1,275,867)		(1,275,867)		08/08/2023	
168615-10-2 ...	CHICOS FAS INC			3,531,000	26,765	7,580	26,765	12,991				9,392		9,392		03/19/2021	
16934Q-20-8 ...	CHIMERA INVESTMENT CORP			5,843,000	29,157	4,990	29,157	107,143	643		4,090	(2,980)		(2,980)		06/25/2021	
169656-10-5 ...	CHIPOTLE MEXICAN GRILL INC			701,000	1,603,159	2,286,960	1,603,159	143,421				630,528		630,528		06/26/2020	
169905-10-6 ...	CHOICE HOTELS INTL INC			891,000	100,950	113,300	100,950	26,258	256		1,025	588		588		06/25/2010	
170386-10-6 ...	CHOICEONE FINANCIAL SVCS INC			30,120	1,028,000	30,120	1,028,000	23,992			545	6,128		6,128		06/23/2023	
17134Q-10-2 ...	CHURCH & DWIGHT CO INC			6,278,000	593,648	94,560	593,648	57,230		6,843		87,578		87,578		06/28/2013	
171484-10-8 ...	CHURCHILL DOWNS INC			944,000	254,748	134,930	254,748	15,869			629	(72,216)		(72,216)		06/27/2014	
171604-10-1 ...	CHUYS HOLDINGS INC			427,000	16,324	38,230	16,324	38,230				4,240		4,240		06/28/2013	
171779-30-9 ...	CIENA CORP			4,195,000	188,817	45,010	188,817	367,817		2,932		(25,044)		(25,044)		06/24/2016	
172062-10-1 ...	CINCINNATI FINANCIAL CORP			3,909,000	404,425	103,460	404,425	134,893		11,500		4,183		4,183		06/23/2017	
17243V-10-2 ...	CINEMARK HOLDINGS INC			3,434,000	48,385	14,090	48,385	71,638				18,647		18,647		06/22/2012	
172755-10-0 ...	CIRRUS LOGIC INC			1,382,000	114,969	83,190	114,969	35,170				12,037		12,037		06/23/2017	
17275R-10-2 ...	CISCO SYSTEMS INC			105,030,000	5,306,116	50,520	5,306,116	1,869,769			162,088	297,354		297,354		09/15/2023	
172908-10-5 ...	CINTAS CORP			2,203,000	1,327,660	602,660	1,327,660	110,362			11,015	332,741		332,741		06/26/2020	
172922-10-6 ...	CITIZENS & NORTHERN CORP			533,000	11,955	22,430	11,955	10,129			597	(229)		(229)		06/27/2008	
172967-42-4 ...	CITIGROUP INC			49,337,000	2,537,895	51,440	2,537,895	1,969,929			102,621	306,383		306,383		04/30/2015	
174610-10-5 ...	CITIZENS FINANCIAL GROUP INC			11,338,000	375,741	33,140	375,741	271,564				(70,636)		(70,636)		04/07/2022	
177835-10-5 ...	CITY HOLDING CO			194,000	21,390	110,258	21,390	8,704			517	3,331		3,331		06/24/2016	
178587-10-1 ...	CITY OFFICE REIT INC			1,087,000	6,642	6,110	6,642	13,742			652	(2,467)		(2,467)		06/23/2017	
178867-10-7 ...	CIVISTA BANCSHARES INC			377,000	6,952	18,440	6,952	7,381				230		230		06/23/2017	
17888H-10-3 ...	CIVITAS RESOURCES INC			1,978,000	135,256	68,380	135,256	84,259			15,033	20,670		20,670		06/24/2022	
18270D-10-6 ...	CLAROS MORTGAGE TRUST INC			2,359,000	32,153	13,630	32,153	42,813	590		2,925	(2,548)		(2,548)		06/24/2022	
18270P-10-9 ...	CLARUS CORP NEW COM			729,000	5,026	6,894	5,026	4,753				(689)		(689)		06/23/2017	
184496-10-7 ...	CLEAN HARBORS INC			1,373,000	239,602	174,510	239,602	56,262				82,915		82,915		06/24/2016	
184499-10-1 ...	CLEAN ENERGY FUELS CORP			4,074,000	15,603	3,830	15,603	28,588				(5,581)		(5,581)		06/25/2021	
18452B-20-9 ...	CLEANS PARK INC			4,418,000	48,731	48,731	48,731	48,256			11,716	11,716		11,716		12/15/2023	
18453H-10-6 ...	CLEAR CHANNEL OUTDOOR HLDGS			10,518,000	19,143	1,820	19,143	29,553				8,099		8,099		06/25/2021	
18467V-10-9 ...	CLEAR SECURE INC CLASS A			1,700,000	35,105	20,650	35,105	37,245			1,547	(11,526)		(11,526)		06/24/2022	
18482P-10-3 ...	CLEARFIELD INC			365,000	10,614	29,079	10,614	6,287				(23,747)		(23,747)		06/27/2014	

E12.11

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identi- fication	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
18538R-10-3	CLEARWATER PAPER CORP			623.000	22,503	36,120	22,503	12,968				(1,053)		(1,053)		06/26/2015	
18539C-10-5	CLEARWAY ENERGY INC			111.000	2,839	25,577	2,839	1,641		171		(482)		(482)		05/15/2015	
18539C-20-4	CLEARWAY ENERGY INC			1,040.000	28,527	27,430	28,527	19,344		1,603		(4,618)		(4,618)		12/15/2017	
185899-10-1	CLIFFS NATURAL RESOURCES INC			13,598.000	277,671	20,420	277,671	149,755				59,056		59,056		06/23/2023	
18885T-30-6	CLIPPER REALTY INC			544.000	2,938	5,401	2,938	6,799		207		(544)		(544)		06/23/2017	
189054-10-9	CLOROX CO			3,351.000	477,819	142,590	477,819	180,291		15,951		7,573		7,573		06/24/2005	
18915M-10-7	CLOUDFLARE INC CLASS A			7,302.000	607,965	83,260	607,965	572,744				277,841		277,841		06/24/2022	
19046P-20-9	COASTAL FINANCIAL CORP WA			146.000	6,484	44,411	6,484	5,742				(454)		(454)		06/24/2022	
191098-10-2	COCA-COLA BOTTLING CO			126.000	116,978	928,397	116,978	35,928		630		52,421		52,421		06/25/2021	
191216-10-0	COCA-COLA CO			100,458.000	5,919,990	58,930	5,919,990	2,701,854		182,517		(461,235)		(461,235)		12/15/2023	
192005-10-6	CODEXIS INC			1,647.000	5,023	3,050	5,023	12,985				(2,652)		(2,652)		06/25/2021	
192108-50-4	COEUR D'ALENE MINES CORP			6,825.000	22,250	3,260	22,250	52,274				(683)		(683)		12/15/2017	
19239V-30-2	COGENT COMMUNICATIONS GRP INC			67,161.000	883,000	76,060	883,000	24,673		3,320		16,759		16,759		06/22/2007	
19240Q-20-1	COGENT BIOSCIENCES INC			1,061.000	6,239	5,880	6,239	9,124				(6,026)		(6,026)		06/25/2021	
192422-10-3	COGNEX CORP			4,327.000	180,609	41,740	180,609	38,653		1,233		(23,236)		(23,236)		06/23/2017	
192446-10-2	COGNIZANT TECHNOLOGY SOLUTIONS			12,936.000	977,056	75,530	977,056	98,631		15,006		237,246		237,246		06/27/2014	
19247A-10-0	COHEN & STEERS INC			853.000	64,598	75,730	64,598	31,960		1,945		9,528		9,528		06/26/2015	
19247G-10-7	COHERENT CORP COMMON STOCK			3,492.000	152,007	43,530	152,007	78,696				29,438		29,438		07/05/2022	
192576-10-6	COHU INC			1,495.000	52,908	35,390	52,908	44,041				4,993		4,993		10/2/2018	
19260Q-10-7	COINBASE GLOBAL INC CLASS A			4,422.000	769,074	173,920	769,074	277,288				612,580		612,580		06/24/2022	
194014-50-2	COLFAX CORP			1,154.000	64,647	56,020	64,647	93,388				2,885		2,885		04/04/2022	
194162-10-3	COLGATE-PALMOLIVE CO			21,073.000	1,679,729	79,710	1,679,729	430,725		40,249		19,387		19,387		11/26/2003	
19459J-10-4	COLLEGIUM PHARMACEUTICAL INC			877.000	26,994	30,780	26,994	12,876				6,648		6,648		06/23/2017	
197236-10-2	COLUMBIA BANKING SYSTEM INC			4,193.000	111,869	26,680	111,869	108,336		4,837		(6,200)		(6,200)		03/02/2023	
197641-10-3	COLUMBIA FINANCIAL INC			1,738.000	33,509	19,280	33,509	19,280				(4,067)		(4,067)		06/22/2018	
198516-10-6	COLUMBIA SPORTSWEAR CO			905.000	71,984	79,540	71,984	47,502		1,086		(7,276)		(7,276)		06/25/2021	
199333-10-5	COLUMBUS MCKINNON CORP/NY			840.000	32,777	39,020	32,777	18,256		235		5,502		5,502		06/30/2006	
199908-10-4	COMFORT SYSTEMS USA INC			929.000	191,067	205,670	191,067	5,755				84,158		84,158		06/25/2004	
20030N-10-1	COMCAST CORP			103,024.000	4,517,602	43,850	4,517,602	1,733,510		117,447		914,853		914,853		12/14/2015	
200340-10-7	COMERICA INC			3,602.000	201,028	55,810	201,028	150,592		2,557		(39,766)		(39,766)		07/29/2011	
200525-10-3	COMMERCE BANCSHARES INC			3,264.000	174,330	53,410	174,330	82,130				3,357		3,357		12/01/2023	
201723-10-3	COMMERCIAL METALS CO			2,958.000	148,018	50,040	148,018	16,193			1,893	5,147		5,147		06/25/2004	
203607-10-6	COMMUNITY BANK SYSTEM INC			1,646.000	85,773	52,110	85,773	42,880		741		(17,843)		(17,843)		06/24/2022	
20369C-10-6	COMMUNITY HEALTHCARE TRUST INC			20,060.000	753,000	20,060	753,000	21,201				(6,897)		(6,897)		06/28/2019	
204149-10-8	COMMUNITY TRUST BANCORP INC			651.000	28,553	43,860	28,553	19,520		299		(1,348)		(1,348)		06/26/2015	
204166-10-2	COMMVAULT SYSTEMS INC			918.000	73,302	79,850	73,302	23,949				15,615		15,615		06/23/2017	
20451N-10-1	COMPASS MINERALS INTERNATIONAL			1,021.000	25,852	25,320	25,852	50,512				(16,009)		(16,009)		06/26/2020	
20451Q-10-4	COMPASS DIVERSIFIED HOLDINGS			1,463.000	32,844	22,450	32,844	32,330			1,463	6,174		6,174		06/24/2022	
20454B-10-4	COMPASS THERAPEUTICS INC			7,441.000	11,608	1,560	11,608	23,438				(11,830)		(11,830)		06/23/2023	
20464U-10-0	COMPASS INC CLASS A			7,243.000	27,234	3,760	27,234	29,405				10,357		10,357		06/24/2022	
205306-10-3	COMPUTER PROGRAMS & SYS INC			481.000	5,387	11,200	5,387	13,672				(7,706)		(7,706)		06/30/2006	
205768-30-2	COMSTOCK RESOURCES INC			2,351.000	20,806	8,850	20,806	15,281		1,176		(11,426)		(11,426)		06/25/2021	
205826-20-9	COMTECH TELECOMMUNICATIONS			6,609.000	784,000	8,430	784,000	19,575				(2,909)		(2,909)		06/26/2009	
205887-10-2	CONAGRA FOODS INC			13,074.000	374,701	28,660	374,701	293,648		17,781		(131,263)		(131,263)		10/26/2018	
20602D-10-1	CONCENTRIX CORP			805.000	79,059	98,210	79,059	36,363		908		(28,135)		(28,135)		12/01/2020	
206787-10-3	CONDUENT INC			5,536.000	20,206	3,650	20,206	82,052				(2,214)		(2,214)		01/03/2017	

E12.12

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

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20717M-10-3 ...	CONFLUENT INC CLASS A			4,952,000	115,877	23,400	115,877	136,043				(9,325)		(9,325)		06/23/2023	
207410-10-1 ...	CONMED CORP			671,000	73,481	109,510	73,481	13,509	134	537		14,004		14,004		12/17/2002	
20786W-10-7 ...	CONNECTONE BANCORP INC			1,146,000	26,255	22,910	26,255	16,042		762		(1,490)		(1,490)		07/01/2014	
20825C-10-4 ...	CONOCOPHILLIPS			30,901,000	3,586,679	116,070	3,586,679	729,422		118,121		(59,639)		(59,639)		01/19/2021	
20848V-10-5 ...	CONSENSUS CLOUD SOLUTIONS INC			415,000	10,877	26,210	10,877	5,034				(11,433)		(11,433)		10/08/2021	
20854L-10-8 ...	CONSOL ENERGY INC			912,000	91,683	100,530	91,683	46,296		2,006		32,403		32,403		09/16/2022	
209034-10-7 ...	CONSOLIDATED COMM HLDGS INC			2,586,000	11,249	4,350	11,249	40,341				1,991		1,991		07/05/2017	
209115-10-4 ...	CONSOLIDATED EDISON INC			9,300,000	846,021	90,970	846,021	409,359		30,132		(40,362)		(40,362)		06/28/2019	
21036P-10-8 ...	CONSTELLATION BRANDS INC			4,069,000	983,681	241,750	983,681	202,526		13,361		32,283		32,283		09/15/2023	
21037T-10-9 ...	CONSTELLATION ENERGY			8,237,000	962,823	116,890	962,823	224,108		9,291		252,711		252,711		02/02/2022	
21044C-10-7 ...	CONSTRUCTION PARTNERS INC			714,000	31,073	43,520	31,073	13,112				12,017		12,017		09/18/2020	
21077C-30-5 ...	CONTEXTLOGIC INC			573,000	3,409	5,949	3,409	33,517				(30,108)		(30,108)		04/12/2023	
21077F-10-0 ...	CONTANGO ORE INC			99,000	1,793	18,111	1,793	1,926				(133)		(133)		09/15/2023	
216648-40-2 ...	COOPER COMPANIES INC THE			1,238,000	468,509	378,440	468,509	78,735		74		59,139		59,139		06/23/2017	
217204-10-6 ...	COPART INC			21,998,000	1,077,902	49,000	1,077,902	68,877				408,173		408,173		08/22/2023	
218352-10-2 ...	CORCEPT THERAPEUTICS INC			2,558,000	83,084	32,480	83,084	20,070				31,131		31,131		06/23/2017	
21867A-10-5 ...	CORE LABORATORIES INC			61,000	1,077	17,656	1,077	1,398		1		(321)		(321)		06/23/2023	
21871N-10-1 ...	CORECIVIC INC			3,089,000	44,883	14,530	44,883	53,773				9,174		9,174		06/26/2015	
21871X-10-9 ...	COREBRIDGE FINANCIAL INC			5,897,000	127,729	127,729	127,729	117,374		7,276		8,696		8,696		12/15/2023	
21874C-10-2 ...	CORE & MAIN INC CLASS A			3,449,000	139,374	40,410	139,374	105,193				40,516		40,516		12/15/2023	
219350-10-5 ...	CORNING INC			19,394,000	590,547	30,450	590,547	303,193		21,040		(31,229)		(31,229)		06/23/2023	
219798-10-5 ...	QUIDELORTHO CORP			1,394,000	102,738	73,700	102,738	95,906				(16,686)		(16,686)		06/24/2022	
22002T-10-8 ...	CORPORATE OFFICE PROPERTIES TR			2,602,000	66,689	25,630	66,689	66,796	742	2,966		(807)		(807)		06/26/2015	
22041X-10-2 ...	CORSAIR GAMING INC			716,000	10,096	14,101	10,096	26,039				379		379		06/25/2021	
22052L-10-4 ...	CORTEVA INC			18,816,000	901,663	47,920	901,663	351,573		11,666		(204,342)		(204,342)		05/24/2015	
221006-10-9 ...	CORVEL CORP			137,000	33,868	247,212	33,868	12,446				13,958		13,958		09/20/2021	
22160K-10-5 ...	COSTCO WHOLESALE CORP			11,379,000	7,511,050	660,080	7,511,050	417,383	170,685	215,693		2,314,734		2,314,734		03/17/2023	
22160N-10-9 ...	COSTAR GROUP INC			10,232,000	894,174	87,390	894,174	165,222				103,446		103,446		12/16/2022	
222070-20-3 ...	COTY INC			9,161,000	113,780	12,420	113,780	218,045				35,361		35,361		06/23/2017	
22207T-10-1 ...	COUCHBASE INC			711,000	16,012	22,520	16,012	16,987				6,584		6,584		06/24/2022	
22266M-10-4 ...	COURSERA INC			2,931,000	56,773	19,370	56,773	77,405				22,100		22,100		06/24/2022	
22266T-10-9 ...	COUPANG INC			27,742,000	449,143	16,190	449,143	460,489				(11,346)		(11,346)		06/23/2023	
222795-50-2 ...	COUSINS PROPERTIES INC			4,434,000	107,968	24,350	107,968	163,781		5,676		(4,168)		(4,168)		06/17/2019	
22284P-10-5 ...	COVENANT TRANSPORTATION GROUP			452,000	20,810	46,040	20,810	11,510		199		5,184		5,184		06/26/2015	
22410J-10-6 ...	CRACKER BARREL OLD COUN STORE			711,000	54,804	77,080	54,804	65,800		3,697		(12,556)		(12,556)		06/26/2020	
224408-10-4 ...	CRANE CO			1,416,000	167,286	118,140	167,286	32,318		765		134,969		134,969		04/04/2023	
224441-10-5 ...	CRANE HOLDINGS CO			1,416,000	80,528	56,870	80,528	17,402		1,260		30,745		30,745		05/17/2022	
225310-10-1 ...	CREDIT ACCEPTANCE CORP			129,000	68,722	532,729	68,722	36,033				7,525		7,525		06/25/2021	
22658D-10-0 ...	CRICUT INC CLASS A			1,268,000	8,356	6,590	8,356	19,971		1,268		(11,615)		(11,615)		06/23/2023	
22663K-10-7 ...	CRINETICS PHARMACEUTICALS INC			1,406,000	50,025	35,580	50,025	29,763				24,296		24,296		06/24/2022	
227046-10-9 ...	CROSS INC			1,521,000	142,077	93,410	142,077	26,067				(22,845)		(22,845)		06/23/2017	
227483-10-4 ...	CROSS COUNTRY HEALTHCARE INC			1,273,000	28,821	22,640	28,821	48,095				(5,003)		(5,003)		12/17/2002	
22766M-10-9 ...	CROSSFIRST BANKSHARES INC			1,466,000	19,908	13,580	19,908	13,794				1,715		1,715		06/26/2020	
22788C-10-5 ...	CROWDSTRIKE HOLDINGS INC			5,503,000	1,405,026	255,320	1,405,026	830,910				800,849		800,849		12/15/2023	
22822V-10-1 ...	CROWN CASTLE INTL CORP			11,163,000	1,285,866	115,190	1,285,866	618,652		69,880		(228,283)		(228,283)		06/25/2021	
228368-10-6 ...	CROWN HOLDINGS INC			2,839,000	261,444	92,090	261,444	34,351		2,725		28,049		28,049		03/05/2004	

E12.13

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identi- fication	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
228903-10-0	CRYOLIFE INC			1,250,000	22,350	17,880	22,350	16,096				7,200		7,200		06/22/2007	
229050-30-7	CRYOPORT INC			1,192,000	18,464	15,490	18,464	30,868				(2,217)		(2,217)		06/25/2021	
229480-10-1	CTO REALTY GROWTH INC			588,000	10,190	17,330	10,190	5,552			894	(559)		(559)		02/01/2021	
229663-10-9	CUBESMART			5,793,000	268,506	46,350	268,506	85,841	2,954		11,470	35,337		35,337		06/24/2016	
229899-10-9	CULLEN/FROST BANKERS INC			1,650,000	179,009	108,490	179,009	73,964			5,907	(41,597)		(41,597)		06/23/2017	
230031-10-6	CULLINAN MANAGEMENT INC			660,000	6,725	10,189	6,725	22,976				(238)		(238)		09/17/2021	
231021-10-6	CUMMINS INC			3,736,000	895,034	239,570	895,034	129,920			24,284	(10,162)		(10,162)		06/28/2019	
231561-10-1	CURTIS-WRIGHT CORP			965,000	214,992	222,790	214,992	35,964			762	53,847		53,847		06/24/2016	
232046-10-0	CUSTOMERS BANCORP INC			919,000	52,953	57,620	52,953	34,197				26,908		26,908		06/24/2022	
23204X-10-3	CUSTOM TRUCK ONE SOURCE INC			1,008,000	6,229	6,180	6,229	9,590				(141)		(141)		09/17/2021	
23257D-10-3	CYMBAY THERAPEUTICS INC			2,602,000	61,459	23,620	61,459	20,685				40,775		40,775		06/23/2023	
23282W-60-5	CYTOKINETICS INC			2,182,000	182,175	83,490	182,175	31,877				82,196		82,196		09/20/2021	
23285D-10-9	CYTEK BIOSCIENCES INC			3,007,000	27,424	9,120	27,424	37,016				(3,278)		(3,278)		06/24/2022	
23291C-10-3	DYNAMIC MATERIALS CORP			535,000	10,069	18,821	10,069	5,349				(332)		(332)		06/24/2016	
23331A-10-9	DR HORTON INC			8,029,000	1,220,247	151,980	1,220,247	188,818			8,430	504,542		504,542		06/23/2017	
233331-10-7	DTE ENERGY CO			5,504,000	606,871	110,260	606,871	217,140	5,614		20,610	(37,120)		(37,120)		06/23/2023	
233377-40-7	DXP ENTERPRISES INC			567,000	19,108	33,700	19,108	19,384				3,487		3,487		06/27/2014	
23345M-10-7	DT MIDSTREAM INC			2,182,000	119,574	54,800	119,574	25,942	1,506		5,554	(1,004)		(1,004)		07/01/2021	
23355L-10-6	DXC TECHNOLOGY CO			5,390,000	123,269	123,269	123,269	161,640				(19,566)		(19,566)		09/18/2020	
233912-10-4	DAILY JOURNAL CORP			46,000	15,678	340,826	15,678	9,476				4,154		4,154		06/27/2014	
235825-20-5	DANA HOLDING CORP			4,034,000	58,937	14,610	58,937	46,349			1,614	(2,098)		(2,098)		06/23/2017	
235851-10-2	DANAHER CORP			16,956,000	3,922,601	231,340	3,922,601	324,670	4,069		17,476	(67,717)		(67,717)		06/23/2023	
236272-10-0	DANIMER SCIENTIFIC INC			30,880,000	31,498	1,020	31,498	79,260				(2,681)		(2,681)		12/15/2023	
237194-10-5	DARDEN RESTAURANTS INC			3,178,000	522,145	164,300	522,145	48,878			16,017	82,533		82,533		06/23/2017	
237266-10-1	DARLING INTERNATIONAL INC			4,066,000	202,649	49,840	202,649	68,375				(51,842)		(51,842)		06/27/2014	
23753F-10-7	DASEKE INC			763,000	6,180	8,100	6,180	7,736				1,839		1,839		06/23/2017	
23804L-10-3	DATADOG INC CLASS A			6,957,000	844,441	121,380	844,441	689,255				333,101		333,101		06/24/2022	
238337-10-9	DAVE & BUSTER'S ENTERTAINMENT			419,000	22,563	53,850	22,563	19,237				7,714		7,714		06/25/2021	
23918K-10-8	DAVITA INC			1,340,000	140,378	104,760	140,378	19,824				40,321		40,321		06/25/2004	
23954D-10-9	DAY ONE BIOPHARMACEUTICALS INC			731,000	10,673	14,601	10,673	12,996				(5,059)		(5,059)		06/24/2022	
24344T-10-1	DECIPHERA PHARMACEUTICALS INC			1,209,000	19,501	16,130	19,501	59,142				(314)		(314)		06/26/2020	
243537-10-7	DECKERS OUTDOOR CORP			688,000	459,880	668,430	459,880	41,573				185,258		185,258		06/26/2020	
244199-10-5	DEERE & CO			6,838,000	2,734,311	399,870	2,734,311	160,342	10,052		35,307	(197,550)		(197,550)		06/23/2017	
24477E-10-3	DEFINITIVE HEALTHCARE CORP			792,000	7,872	9,939	7,872	19,110				(832)		(832)		06/24/2022	
24665A-10-3	DELEK US HOLDINGS INC			1,765,000	45,537	25,800	45,537	48,799			1,047	2,893		2,893		06/23/2023	
247361-70-2	DELTA AIR LINES INC			17,179,000	691,111	40,230	691,111	210,824			3,436	126,609		126,609		06/26/2020	
248019-10-1	DELUXE CORP			1,062,000	22,780	21,450	22,780	43,478				4,747		4,747		06/25/2021	
24823R-10-5	DENALI THERAPEUTICS INC			2,697,000	57,878	21,460	57,878	90,502				(17,126)		(17,126)		06/25/2021	
24869P-10-4	DENNY'S CORP			1,296,000	14,100	10,880	14,100	6,152				2,164		2,164		06/24/2005	
24906P-10-9	DENTSPLY SIRONA INC			5,191,000	184,748	35,590	184,748	77,226	727		2,907	19,466		19,466		03/01/2016	
250565-10-8	DESIGNER BRANDS INC			1,606,000	14,213	8,850	14,213	30,999			321	(1,494)		(1,494)		06/25/2021	
25056L-10-3	DESIGN THERAPEUTICS INC			890,000	2,359	2,651	2,359	16,148				(6,773)		(6,773)		06/24/2022	
25058X-10-5	DESKTOP METAL INC A			8,259,000	6,203	0,751	6,203	64,072				(5,030)		(5,030)		06/24/2022	
25065K-10-4	DESTINATION XL GROUP INC			1,452,000	6,389	4,400	6,389	5,329				(3,412)		(3,412)		06/24/2022	
25179M-10-3	DEVON ENERGY CORP			17,159,000	777,303	45,300	777,303	356,144			49,246	(278,147)		(278,147)		06/25/2021	
252131-10-7	DEXCOM INC			1,984,000	1,258,769	124,090	1,258,769	33,644				21,526		21,526		06/24/2022	

E12.14

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1	2	Codes		5	6	Fair Value		9	Dividends			Change in Book/Adjusted Carrying Value				17	18
		3	4			7	8		10	11	12	13	14	15	16		
CUSIP Identification	Description	Code	Foreign	Number of Shares	Book/Adjusted Carrying Value	Rate Per Share Used to Obtain Fair Value	Fair Value	Actual Cost	Declared but Unpaid	Amount Received During Year	Nonadmitted Declared But Unpaid	Unrealized Valuation Increase/(Decrease)	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (13 - 14)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Date Acquired	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
25264R-20-7	DIAMOND HILL INVESTMENT GROUP			118,000	19,540	165.593	19,540	8,502		708		(2,293)		(2,293)		06/27/2008	
25271C-20-1	DIAMOND OFFSHORE DRILLING INC			3,680,000	47,840	13.000	47,840	24,066				9,568		9,568		06/24/2022	
252784-30-1	DIAMONDRICK HOSPITALITY CO			7,193,000	67,542	9.390	67,542	97,426	216	1,079		8,632		8,632		06/28/2013	
25278X-10-9	DIAMONDBACK ENERGY INC			4,764,000	738,801	155.080	738,801	304,315		38,064		87,181		87,181		06/25/2021	
253393-10-2	DICK'S SPORTING GOODS INC			1,608,000	236,296	146.950	236,296	51,615		6,030		40,001		40,001		06/23/2023	
253798-10-2	DIGI INTERNATIONAL INC			759,000	19,734	26.000	19,734	8,011				(8,007)		(8,007)		06/25/2004	
253868-10-3	DIGITAL REALTY TRUST INC			7,652,000	1,029,806	134.580	1,029,806	564,878	9,335	36,937		262,540		262,540		03/11/2020	
25400W-10-2	DIGITAL TURBINE INC			2,598,000	17,822	6.860	17,822	12,989				(21,771)		(21,771)		06/28/2019	
25401T-60-3	DIGITALBRIDGE GROUP INC			3,808,000	66,775	17.538	66,775	225,435	38	152		25,129		25,129		08/23/2022	
25402D-10-2	DIGITALOCEAN HOLDINGS INC			1,349,000	49,495	36.690	49,495	84,471				15,136		15,136		06/24/2022	
254067-10-1	DILLARD'S INC			17,000	6,862	403.647	6,862	1,014	340	(1,374)		1,368		1,368		06/24/2016	
25432X-10-2	DIME COMMUNITY BANCSHARES INC			422,000	11,364	26.929	11,364	11,736		418		(2,068)		(2,068)		02/01/2021	
254423-10-6	DINEEQUITY INC			22,740	49,651	22,740	49,651	24,683	234	934		(6,847)		(6,847)		09/18/2020	
254543-10-1	DIODES INC			1,395,000	112,325	80.520	112,325	22,179				6,110		6,110		06/30/2006	
254604-10-1	DISC MEDICINE INC			472,000	27,263	57.761	27,263	24,764				2,498		2,498		06/23/2023	
254687-10-6	DISNEY WALT COMPANY THE			47,050,000	4,248,144	90.290	4,248,144	2,735,488	14,115	14,115		160,440		160,440		06/26/2020	
254709-10-8	DISCOVER FINANCIAL SERVICES			6,462,000	726,329	112.400	726,329	89,679		17,447		94,151		94,151		07/31/2009	
25470M-10-9	DISH NETWORK CORP			1,887,000	10,888	5.770	10,888	48,248				(15,605)		(15,605)		09/18/2020	
25525P-10-7	DIVERSIFIED HEALTHCARE TRUST			7,300,000	27,302	3.740	27,302	32,048		292		22,580		22,580		09/18/2020	
256086-10-9	DOCGO INC			2,001,000	11,186	5.590	11,186	14,266				(2,961)		(2,961)		06/24/2022	
256163-10-6	DOCUSIGN INC			4,999,000	297,191	59.450	297,191	345,215				20,146		20,146		06/25/2021	
25669T-10-7	DOLBY LABORATORIES INC			1,364,000	117,550	86.180	117,550	55,412		1,514		21,333		21,333		06/23/2017	
256677-10-5	DOLLAR GENERAL CORP			5,871,000	798,162	135.950	798,162	297,789		10,150		(647,571)		(647,571)		06/27/2014	
256746-10-8	DOLLAR TREE INC			5,408,000	768,206	142.050	768,206	141,794				3,299		3,299		06/23/2017	
25746U-10-9	DOMINION RESOURCES INC			21,578,000	1,014,166	47.000	1,014,166	883,239		57,613		(308,997)		(308,997)		09/16/2022	
25754A-20-1	DOMINO'S PIZZA INC			939,000	387,084	412.230	387,084	24,155		4,545		61,814		61,814		06/22/2012	
257554-10-5	DOMO INC CLASS B			816,000	8,397	10.290	8,397	28,718				(3,223)		(3,223)		06/25/2021	
257651-10-9	DONALDSON CO INC			2,747,000	179,516	65.350	179,516	83,043		2,493		17,055		17,055		06/23/2023	
257701-20-1	DONEGAL GROUP INC			406,000	5,680	13.990	5,680	7,878		274		(85)		(85)		06/30/2006	
257876-10-0	DONNELLEY FINANCIAL SOLUTIONS			1,075,000	67,048	62.370	67,048	60,458				25,499		25,499		10/03/2016	
25809K-10-5	DOORDASH INC			7,663,000	757,794	98.890	757,794	1,032,383				358,966		358,966		06/23/2023	
258278-10-0	DORMAN PRODUCTS INC			653,000	54,467	83.410	54,467	33,649				1,659		1,659		06/24/2016	
25862V-10-5	DOUBLEVERIFY HOLDINGS INC			3,008,000	110,634	36.780	110,634	106,911				20,514		20,514		06/23/2023	
25960P-10-9	DOUGLAS ENMETT INC			4,303,000	62,394	14.500	62,394	14,500	818	3,270		(5,078)		(5,078)		06/23/2017	
25960R-10-5	DOUGLAS DYNAMICS INC			932,000	27,662	29.680	27,662	12,289		1,100		(6,039)		(6,039)		06/24/2011	
25961D-10-5	DOUGLAS ELLIMAN INC			2,105,000	6,210	2.950	6,210	12,645		100		(1,950)		(1,950)		06/21/2023	
260003-10-8	DOVER CORP			3,596,000	553,101	153.810	553,101	92,964		7,300		66,166		66,166		06/23/2017	
260557-10-3	DOW INC			18,553,000	1,017,447	54.840	1,017,447	603,720		51,948		82,561		82,561		04/02/2019	
26142V-10-5	DRAFTKINGS INC			11,189,000	394,412	35.250	394,412	462,201				238,806		238,806		06/23/2023	
26154D-10-0	DREAM FINDERS HOMES INC			22,846	22,846	35.530	22,846	14,654				8,192		8,192		06/23/2023	
262037-10-4	DRIL-QUIP INC			1,195,000	27,808	23.270	27,808	66,828				(4,661)		(4,661)		06/24/2016	
26210C-10-4	DROPBOX INC CLASS A			6,902,000	203,471	29.480	203,471	176,217				49,004		49,004		06/25/2021	
26210V-10-2	DRIVEN BRANDS HOLDINGS INC			1,159,000	16,527	14.260	16,527	28,759				(15,125)		(15,125)		06/24/2022	
264147-10-9	DUCOMMUN INC			290,000	15,097	52.059	15,097	6,163				609		609		06/28/2013	
26414D-10-6	DUCKHORN PORTFOLIO INC THE			705,000	6,944	9.850	6,944	15,230				(4,738)		(4,738)		06/24/2022	
26441C-20-4	DUKE ENERGY CORP			20,246,000	1,964,672	97.040	1,964,672	983,775		82,199		(120,464)		(120,464)		06/28/2019	

E12.15

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 Foreign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
26443V-10-1	DULUTH HOLDINGS INC			404.000	2,174	5,381	2,174	9,412					(323)			06/24/2016	
26484T-10-6	DUN & BRADSTREET HLDGS INC			6,346.000	74,248	11,700	74,248	135,909		1,269			(3,554)			06/24/2022	
26603R-10-6	DUOLINGO			651.000	147,679	226,849	147,679	66,222					101,374			06/24/2022	
26614N-10-2	DUPONT DE NEMOURS INC			11,774.000	905,774	76,930	905,774	534,072		16,955			97,724			05/24/2019	
26622P-10-7	DOXIMITY INC CLASS A			2,649.000	74,278	28,040	74,278	109,927					(14,622)			06/24/2022	
267475-10-1	DYCOM INDUSTRIES INC			561.000	64,565	115,089	64,565	23,553					12,056			12/17/2002	
268150-10-9	DYNATRACE INC			5,589.000	305,662	54,690	305,662	199,117					91,604			09/17/2021	
268158-20-1	DYNAVAX TECHNOLOGIES CORP			3,515.000	49,140	13,980	49,140	36,603					11,740			06/26/2020	
268170-88-6	DYNEX CAPITAL INC			620.000	7,762	12,519	7,762	18,543	81	967			(124)			06/26/2019	
26818M-10-8	DYNE THERAPEUTICS INC			858.000	11,411	13,300	11,411	18,738					1,467			06/25/2021	
268211-10-9	DZS INC			369.000	727	1,970	727	8,287					(3,952)			06/25/2021	
26856L-10-3	ELF BEAUTY INC			1,333.000	192,405	144,340	192,405	56,937					105,511			06/23/2023	
268603-10-7	EL POLLO LOCO HOLDINGS INC			809.000	7,135	8,820	7,135	14,866					(922)			06/24/2016	
26875P-10-1	EOG RESOURCES INC			15,143.000	1,831,546	120,950	1,831,546	299,031		87,829			(129,776)			06/23/2017	
26884L-10-9	EQUITABLE RESOURCES INC			9,016.000	348,559	38,660	348,559	209,071		5,477			43,547			06/24/2022	
26884U-10-9	EPR PROPERTIES			1,203.000	58,285	48,450	58,285	55,033	331				8,301			06/23/2023	
268948-10-6	EAGLE BANCORP INC			1,035.000	31,195	30,140	31,195	21,947		1,863			(14,418)			06/26/2015	
26916J-10-6	ESS TECH INC			2,480.000	2,827	1,140	2,827	3,298					(471)			06/23/2023	
26969P-10-8	EAGLE MATERIALS INC			820.000	166,329	202,840	166,329	24,482	205	779			57,392			06/24/2005	
269796-10-8	EAGLE PHARMACEUTICALS INC			323.000	1,689	5,229	1,689	26,600					(7,752)			06/26/2015	
27032D-30-4	EARTHSTONE ENERGY INC			1,219.000		21,170		15,062					8,460			06/24/2022	
27579R-10-4	EAST WEST BANCORP INC			4,040.000	290,678	71,950	290,678	75,781		7,757			24,442			06/24/2016	
27616P-10-3	EASTERLY GOVERNMENT PROPERTIES			1,724.000	23,171	13,440	23,171	34,734		1,827			(1,431)			06/24/2022	
27627N-10-5	EASTERN BANKSHARES INC			4,805.000	68,231	14,200	68,231	76,034		1,970			(14,655)			12/18/2020	
277276-10-1	EASTGROUP PROPERTIES INC			1,084.000	198,957	183,540	198,957	25,453	1,377				38,460			12/15/2003	
277432-10-0	EASTMAN CHEMICAL CO			3,088.000	277,364	89,820	277,364	62,900	2,501	9,490			25,877			11/07/2016	
277461-40-6	EASTMAN KODAK CO			1,285.000	5,012	3,900	5,012	11,500					1,092			06/25/2021	
278642-10-3	EBAY INC			14,245.000	621,367	43,620	621,367	229,319		14,245			30,627			06/28/2018	
278768-10-6	ECHOSTAR CORP			1,375.000	22,784	16,570	22,784	32,687					(151)			01/02/2008	
278865-10-0	ECOLAB INC			6,419.000	1,273,209	198,350	1,273,209	306,369	3,659	13,671			338,859			06/24/2016	
279230-10-9	ECOVYST INC COMMON STOCK			890.000	8,695	9,770	8,695	14,569					810			12/15/2017	
280350-10-2	EDGEWELL PERSONAL CARE CO			1,561.000	57,179	36,630	57,179	50,581	234	937			(2,982)			07/01/2015	
28036F-10-5	EDGEWISE THERAPEUTICS INC			262.000	2,866	10,939	2,866	6,275					524			06/25/2021	
281020-10-7	EDISON INTERNATIONAL			9,826.000	702,461	71,490	702,461	224,763	7,664	28,578			77,331			12/10/2004	
28106W-10-3	EDITAS MEDICINE INC			2,042.000	20,685	10,130	20,685	50,661					2,573			06/25/2021	
28176E-10-8	EDWARDS LIFESCIENCES CORP			15,670.000	1,194,838	76,250	1,194,838	34,205					25,699			06/26/2009	
28225C-80-6	EAGAIN CORP			648.000	5,398	8,330	5,398	8,197					(454)			06/22/2018	
28238P-10-9	EHEALTH INC			746.000	6,505	8,720	6,505	10,174					2,894			06/24/2016	
282559-10-3	EBBIO INC			1,639.000	18,308	11,170	18,308	31,303					(12,995)			06/23/2023	
282914-10-0	8XB INC			3,462.000	13,086	3,780	13,086	16,970					(1,869)			06/27/2014	
28414H-10-3	ELANCO ANIMAL HEALTH INC			12,879.000	191,897	14,900	191,897	373,951					34,516			07/19/2019	
284CVR-01-6	ELANCO ANIMAL HEALTH INC			1,565.000		0,570		39								07/19/2019	
285512-10-9	ELECTRONIC ARTS INC			7,062.000	966,152	136,810	966,152	367,170		5,367			103,317			06/23/2017	
28618M-10-6	ELEMENT SOLUTIONS INC COMMON STOCK			6,085.000	140,807	23,140	140,807	108,510		1,947			30,121			06/25/2021	
28852N-10-9	ELLINGTON FINANCIAL INC			1,030.000	13,091	12,710	13,091	17,304	93	1,854			350			06/24/2022	
29082K-10-5	EMBECTA CORP			286.000	5,414	18,930	5,414	4,660		(203)			754			09/15/2023	

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Designa- tion, NAIC Designa- tion Modifier and SVO Admini- strative Symbol
		3 Code	4 Foreign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
290840-10-0	EMCOR GROUP INC			1,343,000	289,322	215,430	289,322	38,593		927		90,411		90,411		06/23/2017	
291011-10-4	EMERSON ELECTRIC CO			14,662,000	1,427,052	97,330	1,427,052	390,063		30,570		18,621		18,621		03/05/2004	
29109X-10-6	ASPEN TECHNOLOGY INC			744,000	163,792	220,151	163,792	135,520				10,974		10,974		05/17/2022	
292034-30-3	EMPIRE PETROLEUM CORP			2,539,000	27,904	10,990	27,904	22,850				5,054		5,054		06/23/2023	
292104-10-6	EMPIRE STATE REALTY TRUST INC			3,522,000	34,128	9,690	34,128	27,550			493	10,390		10,390		09/18/2020	
292218-10-4	EMPLOYERS HOLDINGS INC			176,000	6,934	39,398	6,934	3,565			194	(656)		(656)		06/27/2008	
29249E-10-9	ENACT HOLDINGS INC			1,459,000	42,151	28,890	42,151	40,012			290	1,524		1,524		12/15/2023	
29251M-10-6	ENANTA PHARMACEUTICALS INC			648,000	6,098	9,410	6,098	28,919				(24,047)		(24,047)		06/26/2015	
292554-10-2	ENCORE CAPITAL GROUP INC			553,000	28,065	50,750	28,065	18,404				1,554		1,554		06/24/2022	
292562-10-5	ENCORE WIRE CORP			365,000	77,964	213,600	77,964	7,949		29		27,755		27,755		06/26/2009	
29261A-10-0	ENCOMPASS HEALTH CORP			2,399,000	160,061	66,720	160,061	40,161	360	1,439		16,577		16,577		09/18/2020	
29270J-10-0	ENERGY RECOVERY INC			1,368,000	25,773	18,840	25,773	11,016				(2,257)		(2,257)		06/23/2017	
29272W-10-9	ENERGIZER HOLDINGS INC			2,086,000	66,084	31,680	66,084	3,340		2,503		(3,901)		(3,901)		06/23/2017	
29275Y-10-2	ENERSYS CO			1,051,000	106,109	100,960	106,109	23,507		841		28,503		28,503		06/25/2010	
292765-10-4	ENERPAC TOOL GROUP CORP			1,030,000	32,023	31,090	32,023	22,633		41		5,809		5,809		06/28/2013	
29280W-10-9	ENERGY VAULT HOLDINGS INC			11,731,000	27,333	2,330	27,333	34,221				(6,887)		(6,887)		09/15/2023	
292812-10-4	ENFUSION INC CLASS A			553,000	5,364	9,700	5,364	10,128				17		17		12/17/2021	
29283F-10-3	ENGAGESMART INC			742,000	16,992	22,900	16,992	12,636				3,933		3,933		06/24/2022	
29332G-10-2	ENHABIT INC			1,534,000	15,877	10,350	15,877	12,256				(4,311)		(4,311)		07/01/2022	
29337E-10-2	ENLIVEN THERAPEUTICS INC			619,000	8,567	13,840	8,567	13,048				(4,481)		(4,481)		06/23/2023	
293389-10-2	ENNIS INC			1,051,000	23,027	21,910	23,027	16,423		1,051		(263)		(263)		06/24/2005	
29355A-10-7	ENPHASE ENERGY INC			3,301,000	436,194	132,140	436,194	179,570				(438,439)		(438,439)		06/24/2022	
29355X-10-7	ENPRO INDUSTRIES INC			479,000	75,078	156,739	75,078	11,065		556		23,016		23,016		06/27/2014	
29357K-10-3	ENOVA INTERNATIONAL INC			1,226,000	67,871	55,360	67,871	7,576				20,830		20,830		11/13/2014	
29358P-10-1	ENSIGN GROUP INC			1,488,000	166,968	112,210	166,968	14,886	89	346		26,189		26,189		06/26/2015	
29359A-10-7	ENOVIX CORP			2,981,000	37,322	12,520	37,322	31,001				238		238		06/24/2022	
29362U-10-4	ENTEGRIS INC			3,906,000	468,017	119,820	468,017	65,857				211,822		211,822		07/07/2022	
29364G-10-3	ENERGY CORP			5,364,000	542,783	101,190	542,783	250,919				(56,638)		(56,638)		06/23/2023	
293668-10-9	ENTERPRISE BANCORP INC			314,000	10,130	32,261	10,130	5,168		289		(955)		(955)		05/27/2016	
293712-10-5	ENTERPRISE FINANCIAL SERVICES			828,000	36,970	44,650	36,970	16,452		828		(3,569)		(3,569)		06/24/2011	
29382R-10-7	ENTRAVISION COMMUNICATIONS			2,637,000	10,996	4,170	10,996	6,907		527		(1,661)		(1,661)		06/25/2010	
29384C-10-8	ENTRADA THERAPEUTICS INC			1,666,000	25,140	15,090	25,140	24,557				583		583		06/23/2023	
29404K-10-6	ENVESTNET INC			1,657,000	82,055	49,520	82,055	43,970				(20,182)		(20,182)		11/20/2015	
29414B-10-4	EPAM SYSTEMS INC			1,360,000	404,382	297,340	404,382	73,349				(41,344)		(41,344)		06/23/2017	
29415F-10-4	ENVISTA HOLDINGS CORP			3,894,000	93,690	24,060	93,690	114,145				(37,421)		(37,421)		12/31/2019	
294268-10-7	EPLUS INC			863,000	68,902	79,840	68,902	7,149				30,688		30,688		06/24/2016	
29430C-10-2	VESTIS CORPORATION			3,046,000	64,392	21,140	64,392	54,345	107	107		10,047		10,047		10/02/2023	
294429-10-5	EQUIFAX INC			3,157,000	780,695	247,290	780,695	81,982		4,925		167,100		167,100		06/24/2016	
29444U-70-0	EQUINIX INC			2,407,000	1,938,574	805,390	1,938,574	543,911		34,877		361,917		361,917		12/16/2022	
29452E-10-1	EQUITABLE HOLDINGS INC			3,797,000	326,240	211,880	326,240	33,300				8,425		8,425		11/13/2019	
294600-10-1	EQUITRANS MIDSTREAM CORP			12,687,000	129,154	10,180	129,154	112,377		3,877		22,066		22,066		12/15/2023	
29460X-10-9	EQUITY BANCSHARES INC			402,000	13,628	33,900	13,628	10,486	48	177		494		494		06/23/2017	
294628-10-2	EQUITY COMMONWEALTH REITs			2,060,000	39,552	19,200	39,552	58,747		8,755		(11,886)		(11,886)		06/24/2022	
29472R-10-8	EQUITY LIFESTYLE PROPERTY INC			4,754,000	335,347	70,540	335,347	102,243	2,127	8,351		28,239		28,239		06/22/2018	
29476L-10-7	EQUITY RESIDENTIAL			9,518,000	582,121	61,160	582,121	277,872	6,306	24,645		20,559		20,559		06/24/2016	
29479A-10-8	ERASCA INC			2,249,000	4,790	2,130	4,790	19,570				(4,903)		(4,903)		06/24/2022	

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ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
29605J-10-6	ESAB CORP			1,154,000	99,959	86,620	99,959	78,942	69	266		45,814		45,814	04/04/2022		
296315-10-4	ESCO TECHNOLOGIES INC			605,000	70,803	117,030	70,803	23,773		194		17,841		17,841	06/27/2014		
29670E-10-7	ESSENTIAL PROPERTIES REALTY			3,224,000	82,405	25,560	82,405	55,338	919	3,579		6,738		6,738	06/25/2021		
29670G-10-2	ESSENTIAL UTILITIES INC			6,227,000	232,579	37,350	232,579	96,296		7,399		(64,636)		(64,636)	06/28/2019		
297178-10-5	ESSEX PROPERTY TRUST INC			1,709,000	423,729	247,940	423,729	212,984	3,948	15,432		61,558		61,558	06/24/2016		
297602-10-4	ETHAN ALLEN INTERIORS INC			958,000	30,579	31,920	30,579	31,117		1,820		5,269		5,269	04/02/2007		
29786A-10-6	ETSY INC			3,384,000	274,273	81,050	274,273	31,332				(131,062)		(131,062)	06/24/2016		
29788T-10-3	EZOPEN PARENT HOLDINGS INC			5,822,000	25,559	4,390	25,559	64,120				(8,617)		(8,617)	06/24/2022		
298736-10-9	EURONET WORLDWIDE INC			1,004,000	101,896	101,490	101,896	31,575				7,138		7,138	06/23/2017		
29882P-10-6	EUROPEAN WAX CENTER INC A			455,000	6,183	13,589	6,183	9,623				519		519	06/24/2022		
29975E-10-9	EVENTBRITE INC CLASS A			2,165,000	18,099	8,360	18,099	37,852				5,413		5,413	06/25/2021		
29977A-10-5	EVERCORE PARTNERS INC			904,000	154,629	171,050	154,629	29,882		2,712		56,021		56,021	06/23/2017		
29977X-10-5	EVERCOMMERCE INC			918,000	10,126	11,031	10,126	8,977				3,296		3,296	06/24/2022		
29978A-10-4	EVERBRIDGE INC			1,144,000	27,811	24,310	27,811	58,050				(6,029)		(6,029)	06/28/2019		
30034T-10-3	EVERI HOLDINGS INC			2,472,000	27,859	11,270	27,859	17,500				(7,614)		(7,614)	06/23/2017		
30034W-10-6	EVERGY INC			5,388,000	281,254	52,200	281,254	137,953		13,362		(57,813)		(57,813)	06/05/2018		
30040P-10-3	EVERTEC INC			1,923,000	78,728	40,940	78,728	45,809		385		16,461		16,461	06/27/2014		
30040W-10-8	EVERSOURCE ENERGY			9,346,000	576,835	61,720	576,835	171,909		25,234		(206,734)		(206,734)	06/23/2017		
30041R-10-8	EVERQUOTE INC CLASS A			452,000	5,532	12,239	5,532	17,901				(1,130)		(1,130)	06/26/2020		
30049A-10-7	EVOLUTION PETROLEUM CORP			3,165,000	18,389	5,810	18,389	25,034		760		(6,645)		(6,645)	06/23/2023		
30049H-10-2	EVOLV TECHNOLOGIES HOLDINGS			2,211,000	10,436	4,720	10,436	7,119				4,709		4,709	06/24/2022		
30050B-10-1	EVOLVENT HEALTH INC			2,165,000	71,510	33,030	71,510	54,132				10,717		10,717	12/17/2021		
30052C-10-7	EVOLUS INC			702,000	7,392	10,530	7,392	10,263				2,120		2,120	06/28/2019		
30052F-10-0	EVGO INC			2,017,000	7,221	3,580	7,221	15,490				(1,795)		(1,795)	06/24/2022		
30063P-10-5	EXACT SCIENCES CORP			4,622,000	341,936	73,980	341,936	160,457				113,100		113,100	06/25/2021		
30069T-10-1	EXCELERATE ENERGY INC A			428,000	6,617	15,460	6,617	8,915		43		(4,105)		(4,105)	06/24/2022		
30161N-10-1	EXELON CORP			25,409,000	912,183	35,900	912,183	563,806		36,589		(186,248)		(186,248)	09/21/2018		
30161Q-10-4	EXELIXIS INC			7,341,000	176,111	23,990	176,111	23,990				58,361		58,361	06/23/2017		
30190A-10-4	F&G ANNUITIES & LIFE INC			496,000	22,816	46,000	22,816	7,024		402		12,891		12,891	12/01/2022		
302081-10-4	EXLSERVICE HOLDINGS INC			772,000	119,081	30,850	119,081	25,015				(106,984)		(106,984)	06/23/2017		
30212P-30-3	EXPEDIA INC			3,544,000	537,944	151,790	537,944	278,084				227,489		227,489	06/24/2022		
30212W-10-0	EXP WORLD HOLDINGS INC			1,858,000	28,836	15,520	28,836	10,339		353		8,250		8,250	06/28/2019		
302130-10-9	EXPEDITORS INTL WASHINGTON INC			3,871,000	492,391	127,200	492,391	53,354		5,342		90,117		90,117	03/15/2005		
30214U-10-2	EXPONENT INC			1,272,000	111,987	88,040	111,987	22,251				(14,056)		(14,056)	06/24/2016		
30219Q-10-6	EXPENSIFY INC			1,465,000	3,619	2,470	3,619	11,148				(7,529)		(7,529)	06/23/2023		
30225T-10-2	EXTRA SPACE STORAGE INC			5,535,000	887,427	160,330	887,427	143,740		27,491		281,510		281,510	07/20/2023		
30226D-10-6	EXTREME NETWORKS			3,100,000	54,684	112,027	54,684	112,027				(2,077)		(2,077)	12/17/2002		
30231G-10-2	EXXON MOBIL CORP			104,114,000	10,409,318	99,980	10,409,318	4,443,559		380,582		(1,060,300)		(1,060,300)	11/02/2023		
30233G-20-9	EYEPOINT PHARMACEUTICALS INC			690,000	15,946	23,110	15,946	4,671				11,275		11,275	06/23/2023		
302491-30-3	FMC CORP			2,829,000	178,368	63,050	178,368	25,781	1,641	6,307		(174,691)		(174,691)	06/25/2004		
302492-10-3	FLYVIRE CORP			2,549,000	59,009	23,150	59,009	83,808				(8,919)		(8,919)	06/23/2023		
302520-10-1	FNB CORPORATION			8,529,000	117,444	13,770	117,444	73,354		3,861		8,985		8,985	03/17/2023		
30257X-10-4	FB FINANCIAL CORP			621,000	24,747	39,850	24,747	20,001				2,304		2,304	08/17/2020		
30260D-10-3	FIGS INC CLASS A			3,412,000	23,713	6,950	23,713	82,783				751		751	06/24/2022		
30292L-10-7	FRP HLDGS INC COM			309,000	19,430	62,880	19,430	7,322				2,787		2,787	06/30/2006		
302941-10-9	FTI CONSULTING INC			902,000	179,633	199,150	179,633	55,549				32,013		32,013	03/17/2023		

E12.18

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identi- fication	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
30303M-10-2 ...	FACEBOOK INC			57,055.000	20,195,188	353,960	20,195,188	3,590,630				13,300,221		13,300,221		12/15/2023	
303075-10-5 ...	FACTSET RESEARCH SYSTEMS INC			993.000	473,711	477,050	473,711	42,431		3,803		75,309		75,309		06/24/2016	
30320C-10-3 ...	FTC SOLAR INC			1,160.000	804	0.693	804	5,301				(2,305)		(2,305)		06/24/2022	
303250-10-4 ...	FAIR ISAAC CORP			615.000	715,866	1,164,010	715,866	37,480				347,739		347,739		06/23/2017	
30779N-10-5 ...	FARMERS & MERCHANTS BANCORP			218.000	5,406	24,798	5,406	7,305	48	185		(519)		(519)		06/24/2022	
309627-10-7 ...	FARMERS NATL BANK CORP			1,013.000	14,638	14,450	14,638	8,964		689		334		334		06/24/2016	
31154R-10-9 ...	FARMLAND PARTNERS INC			967.000	12,068	12,480	12,068	9,644	203	493		19		19		06/23/2017	
31164Z-10-2 ...	FARO TECHNOLOGIES INC			655.000	14,757	22,530	14,757	21,582				(4,506)		(4,506)		06/22/2007	
31188V-10-0 ...	FASTLY INC CLASS A			3,179.000	56,586	17,800	56,586	254,815				30,550		30,550		06/25/2021	
31189P-10-2 ...	FATE THERAPEUTICS INC			2,380.000	8,901	3,740	8,901	42,789				(15,113)		(15,113)		06/25/2021	
311900-10-4 ...	FASTENAL CO			14,384.000	931,652	64,770	931,652	69,688		25,604		251,001		251,001		06/22/2012	
313148-30-6 ...	FARMER MAC			120.000	22,946	191,217	22,946	7,768		528		9,421		9,421		06/25/2021	
313745-10-1 ...	FEDERAL REALTY INVS TRUST			2,191.000	225,783	103,050	225,783	115,291	2,388	9,509		4,404		4,404		01/03/2022	
313855-10-8 ...	FEDERAL SIGNAL CORP			1,459.000	111,964	76,740	111,964	28,982		569		44,164		44,164		09/25/2003	
31428X-10-6 ...	FEDEX CORP			5,964.000	1,508,713	252,970	1,508,713	269,949	7,515	28,643		475,748		475,748		06/26/2009	
315616-10-2 ...	F5 NETWORKS INC			1,540.000	178,980	275,629	178,980	29,248				54,624		54,624		06/24/2016	
31620M-10-6 ...	FIDELITY NATIONAL INFORMATION			15,266.000	917,029	60,070	917,029	1,611,463		31,753		(118,769)		(118,769)		07/31/2019	
31620R-30-3 ...	FIDELITY NATL FINANCIAL INC			6,359.000	324,436	51,020	324,436	180,716		11,637		85,211		85,211		05/27/2020	
316773-10-0 ...	FIFTH THIRD BANCORP			17,684.000	609,921	34,490	609,921	273,749	6,189	23,630		29,709		29,709		03/22/2019	
317585-40-4 ...	FINANCIAL INSTITUTIONS INC			527.000	11,225	21,300	11,225	8,060	158	632		(1,613)		(1,613)		06/27/2008	
31846B-10-8 ...	FIRST ADVANTAGE CORP			972.000	16,106	16,570	16,106	16,518		1,458		3,470		3,470		12/17/2021	
31847R-10-2 ...	FIRST AMERICAN FINANCIAL			2,961.000	190,807	64,440	190,807	6,218		35,828		35,828		35,828		06/02/2010	
31866P-10-2 ...	FIRST BANCORP INC			498.000	14,054	28,221	14,054	10,845		687		(857)		(857)		06/26/2009	
31867Z-70-6 ...	FIRST BANCORP			6,201.000	102,006	16,450	102,006	31,646		3,125		23,130		23,130		06/23/2017	
318910-10-6 ...	FIRST BANCORP NC			1,088.000	40,267	37,010	40,267	22,942	239	957		(6,343)		(6,343)		09/18/2017	
318916-10-3 ...	FIRST BANCSHARES INC			322.000	9,444	29,329	9,444	8,854		290		(863)		(863)		06/23/2017	
31931U-10-2 ...	FIRST BANK HAMILTON NJ			603.000	8,864	14,700	8,864	8,261		145		567		567		06/22/2018	
319383-20-4 ...	FIRST BUSEY CORP			1,476.000	36,634	24,820	36,634	37,941		1,417		148		148		07/03/2017	
31946M-10-3 ...	FIRST CITIZENS BANCSHARES INC			278.000	394,474	1,418,971	394,474	119,810		1,081		183,650		183,650		01/04/2022	
319829-10-7 ...	FIRST COMMONWEALTH FIN CORP			3,678.000	56,788	15,440	56,788	38,378		1,821		5,407		5,407		06/24/2005	
31983A-10-3 ...	FIRST COMMUNITY BANCSHARES INC			680.000	25,228	37,100	25,228	37,100		789		2,176		2,176		06/24/2005	
320209-10-9 ...	FIRST FINANCIAL BANCORP			2,544.000	60,420	23,750	60,420	35,441		2,340		(1,221)		(1,221)		04/02/2018	
32020R-10-9 ...	FIRST FINANCIAL BANCSHARES INC			3,602.000	109,141	30,300	109,141	34,446		2,557		(14,768)		(14,768)		06/28/2013	
320218-10-0 ...	FIRST FINANCIAL CORP			384.000	16,524	43,031	16,524	17,109	173	665		(1,171)		(1,171)		06/23/2017	
32026V-10-4 ...	FIRST FOUNDATION INC			1,098.000	10,629	9,680	10,629	11,297		176		(5,106)		(5,106)		06/24/2016	
320517-10-5 ...	FIRST HORIZON NATIONAL CORP			14,282.000	202,233	14,160	202,233	160,018	2,142	6,777		(95,347)		(95,347)		06/23/2023	
32051X-10-8 ...	FIRST HAWAIIAN INC			3,163.000	72,306	22,860	72,306	3,290		87,628		(10,058)		(10,058)		02/01/2019	
32054K-10-3 ...	FIRST INDUSTRIAL REALTY TRUST			3,144.000	165,594	52,670	165,594	58,984	1,006	3,850		13,865		13,865		06/28/2013	
32055Y-20-1 ...	FIRST INTERSTATE BANCSYSTEM			2,090.000	64,268	30,750	64,268	60,702		3,929		(16,511)		(16,511)		02/01/2022	
320734-10-6 ...	FIRST OF LONG ISLAND CORP			11,413	862,000	11,413	862,000	11,620	181	724		(4,103)		(4,103)		06/24/2016	
320817-10-9 ...	FIRST MERCHANTS CORP			587.000	21,766	37,080	21,766	17,008		200		4,758		4,758		09/15/2023	
320866-10-6 ...	FIRST MID-ILLINOIS BANCSH			380.000	13,171	34,661	13,171	10,625		350		980		980		06/23/2017	
336433-10-7 ...	FIRST SOLAR INC			2,775.000	478,077	172,280	478,077	246,809		62,410		62,410		62,410		09/16/2022	
336901-10-3 ...	1ST SOURCE CORP			625.000	34,344	54,950	34,344	25,619		813		1,163		1,163		06/23/2017	
33769G-10-7 ...	FIRSTCASH HOLDINGS INC			848.000	91,915	108,390	91,915	16,289		1,153		18,215		18,215		12/17/2021	
337738-10-8 ...	FISERV INC			15,522.000	2,061,942	132,840	2,061,942	591,862				479,176		479,176		06/23/2023	

E12.19

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

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337932-10-7	FIRSTENERGY CORP			14,330.000	525,338	36,660	525,338	606,939		22,641		(75,662)		(75,662)	06/28/2019		
33813J-10-6	FISKER INC			4,705.000	8,234	1,750	8,234	90,801				(25,972)		(25,972)	06/25/2021		
33829M-10-1	FIVE BELOW INC			1,506.000	321,019	213,160	321,019	60,007				54,653		54,653	06/23/2017		
338307-10-1	FIVES INC			2,029.000	159,662	78,690	159,662	25,116				21,974		21,974	06/23/2017		
33830Q-10-9	5E ADVANCED MATERIALS INC			675.000	952	1,410	952	10,469				(4,367)		(4,367)	06/24/2022		
339041-10-5	FLEETCOR TECHNOLOGIES INC			1,833.000	518,024	282,610	518,024	202,568				181,339		181,339	06/24/2016		
339750-10-1	FLOOR & DECOR HOLDINGS INC			2,980.000	332,449	111,560	332,449	148,066				124,951		124,951	09/18/2020		
343412-10-2	FLUOR CORP			4,273.000	167,373	39,170	167,373	75,062				19,271		19,271	12/18/2020		
343498-10-1	FLOWERS FOODS INC			5,653.000	127,249	22,510	127,249	61,711		5,144		(35,218)		(35,218)	06/28/2019		
34354P-10-5	FLOWERVE CORP			3,453.000	142,333	41,220	142,333	30,508	691	2,762		36,395		36,395	06/27/2008		
34379V-10-3	FLUENCE ENERGY INC			786.000	18,746	23,850	18,746	23,622				5,266		5,266	12/17/2021		
343873-10-5	FLUSHING FINANCIAL CORP			1,083.000	17,848	16,480	17,848	12,626		953		(3,141)		(3,141)	06/25/2010		
344174-10-7	FOGHORN THERAPEUTICS INC			505.000	3,257	6,450	3,257	5,196				35		35	06/25/2021		
34417J-10-4	FOCUS UNIVERSAL INC			1.000	2.000		2.000	9				(3)		(3)	03/24/2023		
344849-10-4	FOOT LOCKER INC			1,965.000	61,210	31,150	61,210	32,221		3,144		(13,048)		(13,048)	04/01/2005		
345370-86-0	FORD MOTOR CO			102,041.000	1,243,880	12,190	1,243,880	917,702		127,551		57,143		57,143	06/23/2017		
346232-10-1	FORESTAR GROUP INC			400.000	13,228	33,070	13,228	6,500				7,064		7,064	09/27/2017		
34629L-10-3	FORGE GLOBAL HOLDINGS INC			481.000	1,650	3,430	1,650	1,087				563		563	06/23/2023		
346375-10-8	FORMFACTOR INC			2,364.000	98,602	41,710	98,602	63,558				46,051		46,051	06/27/2016		
346563-10-9	FORRESTER RESEARCH INC			381.000	10,215	26,811	10,215	19,147				(3,410)		(3,410)	06/28/2013		
34959E-10-9	FORTINET INC			16,651.000	974,583	58,530	974,583	122,604				148,850		148,850	06/23/2023		
34959J-10-8	FORTIVE CORPORATION			9,095.000	669,665	73,630	669,665	119,400		2,638		85,311		85,311	06/24/2022		
34964C-10-6	FORTUNE BRANDS INNOVATIONS INC			3,497.000	266,262	76,140	266,262	22,016		3,217		66,548		66,548	06/28/2013		
34965K-10-7	FORTREA HOLDINGS INC			2,432.000	84,877	34,900	84,877	23,740				61,137		61,137	07/03/2023		
34984V-20-9	FORUM ENERGY TECHNOLOGIES INC			981.000	21,749	22,170	21,749	22,159				(411)		(411)	06/23/2023		
349853-10-1	FORWARD AIR CORP			902.000	56,709	62,870	56,709	32,038			866	(37,902)		(37,902)	06/23/2017		
35086T-10-9	FOUR CORNERS PROPERTY TRUST			1,561.000	39,493	25,300	39,493	27,218	539	2,131		(983)		(983)	06/24/2022		
35104E-10-0	4D MOLECULAR THERAPEUTICS INC			524.000	10,616	20,260	10,616	15,079				(1,022)		(1,022)	09/17/2021		
35137L-10-5	FOX CORP CLASS A			7,555.000	224,157	29,670	224,157	313,910		3,853		(5,289)		(5,289)	03/19/2019		
35137L-20-4	FOX CORP CLASS B			3,832.000	105,955	27,650	105,955	158,645		1,954		(3,066)		(3,066)	03/19/2019		
35138V-10-2	FOX FACTORY HOLDING CORP			1,039.000	70,112	67,480	70,112	41,343				(24,676)		(24,676)	09/18/2020		
35243J-10-1	FRANKLIN BSP REALTY TRUST INC			2,037.000	27,520	13,510	27,520	32,139	723	2,893		1,243		1,243	06/24/2022		
353469-10-9	FRANKLIN COVEY CO			419.000	18,239	43,530	18,239	2,937				(1,358)		(1,358)	06/26/2009		
353514-10-2	FRANKLIN ELECTRIC CO INC			1,207.000	116,657	96,650	116,657	35,027		1,086		20,398		20,398	06/23/2017		
354613-10-1	FRANKLIN RESOURCES INC			8,239.000	245,440	29,790	245,440	137,847		7,415		28,095		28,095	06/25/2021		
35671D-85-7	FREEMONT MCMORAN COPPER & GOLD			36,831.000	1,567,896	42,570	1,567,896	608,843		22,099		168,318		168,318	12/18/2018		
358039-10-5	FRESHPET INC			1,239.000	107,496	86,760	107,496	46,022				42,114		42,114	06/26/2020		
358054-10-4	FRESHWORKS INC			4,300.000	101,007	23,490	101,007	69,699				31,308		31,308	06/23/2023		
35905A-10-9	FRONTDOOR INC			2,305.000	81,182	35,220	81,182	68,348				33,238		33,238	06/28/2019		
35909D-10-9	FRONTIER COMMUNICATIONS			6,554.000	166,078	25,340	166,078	158,073				(918)		(918)	06/24/2022		
35909R-10-8	FRONTIER GROUP HOLDINGS INC			349.000	1,906	5,461	1,906	6,212				(1,679)		(1,679)	06/25/2021		
35952H-60-1	FUELCCELL ENERGY INC			28,248.000	45,197	1,600	45,197	70,118				(5,077)		(5,077)	12/15/2023		
35953C-10-6	FTAI INFRASTRUCTURE LLC			7,441.000	28,945	3,890	28,945	24,926		446		4,020		4,020	06/23/2023		
35953D-10-4	FUBOTV INC			7,295.000	23,198	3,180	23,198	20,017				3,181		3,181	09/15/2023		
359664-10-9	FULGENT GENETICS INC			604.000	17,462	28,911	17,462	34,350				(525)		(525)	06/25/2021		
359678-10-9	FULL HOUSE RESORTS INC			870.000	4,672	5,370	4,672	8,856				(1,871)		(1,871)	06/25/2021		

E12.20

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

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359694-10-6	FULLER HB COMPANY			1,239,000	100,867	81,410	100,867	20,510		997		12,130		12,130		09/04/2008	
360271-10-0	FULTON FINANCIAL CORP			2,273,000	37,414	16,460	37,414	24,935	386	1,454		(841)		(841)		06/24/2005	
361008-10-5	FUNKO INC CLASS A			576,000	4,452	7,729	4,452	12,628				(1,832)		(1,832)		09/20/2019	
36116M-10-6	FUTUREFUEL CORP			954,000	5,800	6,080	5,800	11,416		229		(1,956)		(1,956)		06/24/2011	
361448-10-3	GATX CORP			863,000	103,750	120,220	103,750	40,362	362	2,322		11,978		11,978		06/24/2022	
36162J-10-6	GEO GROUP INC			3,108,000	33,660	10,830	33,660	56,819				(373)		(373)		06/23/2017	
36164V-30-5	GCI LIBERTY INC				0.000	0.000										06/06/2022	
36237H-10-1	G-III APPAREL GROUP LTD			1,295,000	44,004	33,980	44,004	15,220				26,250		26,250		06/26/2020	
36251C-10-3	GMS INC			922,000	76,000	82,430	76,000	26,207				30,085		30,085		06/23/2017	
36262G-10-1	GXO LOGISTICS INC			2,887,000	176,569	61,160	176,569	53,666				53,323		53,323		06/24/2022	
36266G-10-7	GE HEALTHCARE TECHNOLOGY			10,023,000	774,978	77,320	774,978	1,142,815		891		(367,837)		(367,837)		06/23/2023	
36357E-10-9	GALLAGHER ARTHUR J & COMPANY			5,377,000	1,209,180	224,880	1,209,180	175,154		11,681		192,173		192,173		06/23/2023	
36467J-10-8	GAMING AND LEISURE PROPERTIES			6,257,000	308,783	49,350	308,783	169,804		19,710		(17,144)		(17,144)		12/24/2020	
36467W-10-9	GAMESTOP CORP			338,000	105,688	17,530	105,688	47,861				(314)		(314)		06/24/2022	
36472T-10-9	GANNETT CO INC			4,050,000	9,315	2,300	9,315	24,296				1,094		1,094		03/19/2021	
364760-10-8	GAP INC/THE			4,912,000	102,710	20,910	102,710	69,610		2,947		47,303		47,303		09/16/2022	
366651-10-7	GARTNER INC			1,916,000	864,327	451,110	864,327	90,530				220,283		220,283		06/23/2017	
36831E-10-8	GOM GROSVENOR INC CLASS A			559,000	5,009	8,961	5,009	5,595		246		755		755		06/25/2021	
36870H-10-3	GENELUX CORP			376,000	5,268	14,011	5,268	8,503				(3,235)		(3,235)		09/15/2023	
368736-10-4	GENERAC HOLDINGS INC			1,536,000	198,513	129,240	198,513	73,724				43,899		43,899		06/26/2020	
369550-10-8	GENERAL DYNAMICS CORP			6,405,000	1,663,186	259,670	1,663,186	356,727		33,434		74,042		74,042		06/22/2018	
369604-30-1	GENERAL ELECTRIC CO			27,931,000	3,564,834	127,630	3,564,834	4,081,723	2,234	8,757		1,712,924		1,712,924		08/02/2021	
370334-10-4	GENERAL MILLS INC			14,890,000	969,935	65,140	969,935	378,424		33,651		(278,592)		(278,592)		06/24/2016	
37045V-10-0	GENERAL MOTORS CO			35,049,000	1,258,960	35,920	1,258,960	1,337,275		12,618		79,912		79,912		06/24/2022	
37149K-10-0	GENERATION BIO CO			1,233,000	2,034	1,650	2,034	40,461				(2,811)		(2,811)		03/19/2021	
37153Z-10-2	GENESCO INC			365,000	12,852	35,211	12,852	14,329				(3,946)		(3,946)		06/25/2021	
371901-10-9	GENTEX CORP			5,543,000	181,034	32,660	181,034	50,367		2,661		29,877		29,877		06/23/2017	
372284-20-8	GENIE ENERGY LTD			1,775,000	49,931	28,130	49,931	23,340				26,591		26,591		06/23/2023	
372460-10-5	GENUINE PARTS CO			3,800,000	526,300	138,500	526,300	123,156	3,610	14,440		(133,038)		(133,038)		09/16/2022	
37247D-10-6	GENWORTH FINANCIAL INC			9,101,000	60,795	6,680	60,795	66,579				12,650		12,650		06/25/2021	
37253A-10-3	GENTHERM INC			1,006,000	52,674	52,360	52,674	16,501				(13,008)		(13,008)		06/28/2013	
373865-10-4	GERMAN AMERICAN BANCORP			903,000	29,266	32,410	29,266	9,511		903		(4,416)		(4,416)		06/26/2009	
374163-10-3	GERON CORP			12,566,000	26,514	2,110	26,514	86,184				(3,895)		(3,895)		06/24/2022	
374297-10-9	GETTY REALTY CORP			1,064,000	31,090	29,220	31,090	27,010	479	1,851		(4,926)		(4,926)		01/04/2016	
374396-40-6	GEVO INC			3,195,000	3,706	1,160	3,706	4,249				(543)		(543)		06/23/2023	
374689-10-7	GIBRALTAR INDUSTRIES INC			1,066,000	84,193	78,980	84,193	21,476				35,285		35,285		06/25/2004	
375558-10-3	GILLEAD SCIENCES INC			32,207,000	2,609,089	81,010	2,609,089	241,348		96,621		(155,882)		(155,882)		03/31/2023	
37611X-10-0	GINKGO BIOWORKS HOLDINGS INC			41,078,000	69,422	1,690	69,422	97,012				(175)		(175)		06/23/2023	
37637K-10-8	GITLAB INC			2,273,000	143,108	62,960	143,108	110,739				32,369		32,369		09/15/2023	
376370-10-5	GLACIER BANCORP INC			3,414,000	141,066	41,320	141,066	49,856		4,506		(27,653)		(27,653)		10/01/2021	
376536-10-8	GLADSTONE COMMERCIAL CORP			881,000	11,664	13,240	11,664	14,067		1,057		(4,634)		(4,634)		06/26/2015	
376549-10-1	GLADSTONE LAND CORP			815,000	11,777	14,450	11,777	19,377		451		(3,179)		(3,179)		06/24/2022	
377320-10-6	GLATFELTER PH CORP			1,827,000	3,544	1,940	3,544	22,705				(1,535)		(1,535)		06/24/2005	
377322-10-2	GLAUKOS CORP			1,276,000	101,429	79,490	101,429	51,141				45,694		45,694		06/25/2021	
37892E-10-2	GLOBAL INDUSTRIAL CO			461,000	17,905	38,839	17,905	8,660		369		7,058		7,058		06/22/2007	
378973-40-8	GLOBALSTAR INC			18,045,000	35,007	1,940	35,007	33,923				11,007		11,007		06/25/2021	

E12.21

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 Foreign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
379378-20-1	GLOBAL NET LEASE INC			4,988.000	49,631	9,950	49,631	98,415		4,735		(22,363)		(22,363)		09/13/2023	
37940X-10-2	GLOBAL PAYMENTS INC			6,602.000	838,454	127,000	838,454	235,362		6,602		182,743		182,743		09/18/2017	
379463-10-2	GLOBAL WATER RESOURCES INC			349.000	4,565	13,080	4,565	3,469		104		(70)		(70)		06/23/2017	
37954A-20-4	GLOBAL MEDICAL REIT INC			1,479.000	16,417	11,100	16,417	15,381	311	1,545		2,396		2,396		06/28/2019	
379577-20-8	GLOBUS MEDICAL INC			3,018.000	160,829	53,290	160,829	70,851				(19,966)		(19,966)		09/05/2023	
37959E-10-2	GLOBE LIFE INC			2,154.000	262,185	121,720	262,185	35,184		1,901		2,520		2,520		11/13/2003	
380237-10-7	GODADDY INC			3,916.000	415,723	106,160	415,723	219,340				122,727		122,727		06/28/2019	
38046C-10-9	GOGO INC			1,217.000	12,328	10,130	12,328	20,878				(5,635)		(5,635)		06/24/2022	
38046W-20-4	GOMEALTY INC CLASS A			1,239.000	16,528	13,340	16,528	24,010				(7,482)		(7,482)		06/23/2023	
381013-10-1	GOLDEN ENTERTAINMENT INC			412.000	16,451	39,930	16,451	5,442		824		1,042		1,042		06/24/2016	
38141G-10-4	GOLDMAN SACHS GROUP INC			8,227.000	3,173,730	385,770	3,173,730	1,081,370		86,384		348,743		348,743		03/30/2022	
382550-10-1	GOODYEAR TIRE & RUBBER CO/THE			7,162.000	102,560	14,320	102,560	135,562				29,866		29,866		06/24/2022	
38267D-10-9	GOOSEHEAD INSURANCE INC A			512.000	38,810	75,801	38,810	29,126				21,228		21,228		06/25/2021	
38268T-10-3	GOPRO INC			4,066.000	14,109	3,470	14,109	238,479				(6,140)		(6,140)		06/24/2016	
383082-10-4	GORMAN RUPP COMPANY			678.000	24,089	35,529	24,089	5,361		478		6,719		6,719		12/17/2002	
384109-10-4	GRACO INC			4,344.000	376,885	86,760	376,885	39,084		4,083		84,708		84,708		06/24/2022	
384313-50-8	GRAFTECH INTERNATIONAL LTD			5,120.000	11,213	2,190	11,213	69,026		102		(13,158)		(13,158)		03/19/2021	
384637-10-4	GRAHAM HOLDINGS CO			63.000	43,881	696,524	43,881	30,496		416		5,816		5,816		06/24/2016	
384802-10-4	GRAINGER WW INC			1,169.000	968,739	828,690	968,739	160,225		8,534		318,482		318,482		06/26/2022	
38526M-10-6	GRAND CANYON EDUCATION INC			663.000	87,543	132,041	87,543	37,524				17,490		17,490		06/25/2021	
387328-10-7	GRANITE CONSTRUCTION INC			945.000	48,063	50,860	48,063	25,920	123	491		14,922		14,922		06/24/2022	
38741L-10-7	GRANITE POINT MORTGAGE TRUST			1,667.000	9,902	5,940	9,902	31,957	333	1,334		967		967		10/20/2017	
388689-10-1	GRAPHIC PACKAGING HOLDING CO			7,879.000	194,217	24,650	194,217	89,192	788	3,152		18,910		18,910		07/31/2014	
389375-10-6	GRAY TELEVISION INC			2,117.000	18,968	8,960	18,968	33,494		677		(4,721)		(4,721)		06/24/2022	
390607-10-9	GREAT LAKES DREDGE & DOCK CORP			2,253.000	17,303	7,680	17,303	13,996				3,898		3,898		06/25/2010	
390905-10-7	GREAT SOUTHERN BANCORP INC			76.000	4,511	59,355	4,511	1,586	30	122		(11)		(11)		06/26/2009	
392709-10-1	GREEN BRICK PARTNERS INC			992.000	51,524	51,940	51,524	8,204				27,488		27,488		06/24/2016	
39304D-10-2	GREEN DOT CORP			1,775.000	17,573	9,900	17,573	50,279				(10,508)		(10,508)		06/26/2015	
393222-10-4	GREEN PLAINS RENEWABLE ENERGY			1,490.000	37,578	25,220	37,578	34,238				(7,867)		(7,867)		06/27/2014	
393657-10-1	GREENBRIER COS INC			718.000	31,721	44,180	31,721	30,267		819		7,647		7,647		06/24/2022	
397624-10-7	GREIF INC			563.000	36,927	65,590	36,927	18,046	293	937		(828)		(828)		06/27/2014	
397624-20-6	GREIF INC			203.000	13,400	66,010	13,400	14,262	156	619		(2,481)		(2,481)		12/16/2016	
39813G-10-9	GRID DYNAMICS HOLDINGS INC			1,385.000	18,462	13,330	18,462	28,151				2,922		2,922		06/24/2022	
39818P-79-9	PEAKSTONE REALTY TRUST			14,708.000	19,930	14,708	19,930	24,649	166	498		(9,941)		(9,941)		06/23/2023	
398433-10-2	GRIFFON CORP			1,120.000	68,264	60,950	68,264	9,496		2,800		28,179		28,179		09/18/2008	
39868T-10-5	GRITSTONE ONCOLOGY INC			386.000	787	2,039	787	888				(100)		(100)		06/23/2023	
39874R-10-1	GROCERY OUTLET HOLDING CORP			2,474.000	66,699	26,960	66,699	85,088				(5,517)		(5,517)		06/25/2021	
398905-10-9	GROUP 1 AUTOMOTIVE INC			311.000	94,774	304,740	94,774	37,317		560		38,679		38,679		12/17/2021	
39986L-10-9	GROWGENERATION CORP			1,619.000	4,064	2,510	4,064	39,661				(2,283)		(2,283)		06/25/2021	
400764-10-6	GUARANTY BANCSHARES INC			302.000	10,153	33,619	10,153	9,486	69	278		(308)		(308)		03/16/2018	
40131M-10-9	GUARDANT HEALTH INC			2,679.000	72,467	27,050	72,467	221,079				(402)		(402)		06/25/2021	
401617-10-5	GUESS? INC			35.000	807	23,057	807	1,321		39		83		83		06/27/2008	
40171V-10-0	GUIDewire SOFTWARE INC			2,185.000	238,252	109,040	238,252	88,571				101,559		101,559		06/27/2014	
402635-50-2	GULFPORT ENERGY CORP			278.000	37,030	133,201	37,030	21,444				16,558		16,558		06/24/2022	
403949-10-0	HF SINCLAIR CORP			3,473.000	192,995	55,570	192,995	35,834		5,585		150,237		150,237		06/24/2022	
404030-10-8	H&E EQUIPMENT SERVICES INC			684.000	35,787	52,320	35,787	15,434		752		4,733		4,733		06/26/2009	

E12.22

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
404111-10-6 ...	HBT FINANCIAL INC			715.000	15,094	21.110	15,094	13,170		486		1,101		1,101	06/24/2022		
40412C-10-1 ...	HCA HOLDINGS			5,254.000	1,422,153	270.680	1,422,153	251,512		12,610		161,403		161,403	06/24/2016		
40416E-10-3 ...	HCI GROUP INC			290.000	25,346	87.400	25,346	11,840		464		13,865		13,865	09/30/2013		
40417F-10-9 ...	HF FOODS GROUP INC			1,600.000	8,544	5.340	8,544	9,552				2,048		2,048	06/24/2022		
404251-10-0 ...	HNI CORP			1,707.000	71,404	41.830	71,404	70,159		2,127		5,449		5,449	06/02/2023		
40434L-10-5 ...	HEWLETT-PACKARD CO			22,188.000	667,637	30.090	667,637	215,679	6,115	22,076		71,445		71,445	11/02/2015		
404609-10-9 ...	HACKETT GROUP INC/THE			1,077.000	24,523	22.770	24,523	5,992	118	474		2,585		2,585	06/27/2008		
405024-10-0 ...	HAEMONETICS CORP			1,388.000	118,688	85.510	118,688	87,970				5,299		5,299	12/15/2023		
405217-10-0 ...	HAIN CELESTIAL GROUP INC			2,641.000	28,919	10.950	28,919	62,500				(13,812)		(13,812)	06/23/2017		
406216-10-1 ...	HALLIBURTON CO			24,053.000	869,516	36.150	869,516	604,846		15,394		(76,970)		(76,970)	06/24/2016		
40637H-10-9 ...	HALOZYME THERAPEUTICS INC			3,178.000	117,459	36.960	117,459	30,870				(63,369)		(63,369)	06/27/2014		
407497-10-6 ...	HAMILTON LANE INC			904.000	102,550	113.440	102,550	34,664	402	1,569		44,802		44,802	09/18/2020		
410120-10-9 ...	HANCOCK HOLDING CO			2,028.000	98,541	48.590	98,541	83,625		2,434		406		406	06/25/2021		
410345-10-2 ...	HANESBRANDS INC			8,742.000	38,989	4.460	38,989	56,219				(16,610)		(16,610)	06/24/2022		
410495-20-4 ...	HANMI FINANCIAL CORP			824.000	15,986	19.400	15,986	7,619		824		(4,408)		(4,408)	06/22/2012		
41068X-10-0 ...	HANNON ARMSTRONG SUSTAINABLE			2,171.000	59,876	27.580	59,876	59,876	858	3,430		(3,039)		(3,039)	06/25/2021		
410867-10-5 ...	HANOVER INSURANCE GROUP INC			923.000	112,071	121.420	112,071	55,073		3,027		(12,654)		(12,654)	06/26/2015		
41165Y-10-0 ...	HARBORNE BANCORP INC			728.000	8,721	11.979	8,721	7,847		164		(1,398)		(1,398)	08/15/2019		
412822-10-8 ...	HARLEY-DAVIDSON INC			3,241.000	119,398	36.840	119,398	92,925		2,139		(15,427)		(15,427)	06/26/2009		
413160-10-2 ...	HARMONIC INC			3,142.000	40,972	13.040	40,972	72,791				(189)		(189)	03/05/2004		
413197-10-4 ...	HARMONY BIOSCIENCES HOLDINGS			588.000	18,992	32.299	18,992	17,392				(13,406)		(13,406)	06/25/2021		
415858-10-9 ...	HARROW HEALTH INC			690.000	7,728	11.200	7,728	12,778				(5,050)		(5,050)	06/23/2023		
415864-10-7 ...	HARSCO CORP			2,590.000	23,310	9.000	23,310	33,513				7,019		7,019	06/23/2017		
416515-10-4 ...	HARTFORD FINCL SERVICES GRP			7,927.000	637,172	80.380	637,172	188,503	3,726	13,320		36,068		36,068	03/31/2010		
418056-10-7 ...	HASBRO INC			3,286.000	167,783	51.060	167,783	80,527		9,201		(32,696)		(32,696)	06/26/2020		
418100-10-3 ...	HASHI CORP INC			2,484.000	58,722	23.640	58,722	65,251				(6,529)		(6,529)	06/23/2023		
419596-10-1 ...	HAVERTY FURNITURE COS INC			715.000	25,383	35.501	25,383	7,859		1,559		4,004		4,004	12/17/2002		
419879-10-1 ...	HAWAIIAN HOLDINGS INC			1,825.000	25,915	14.200	25,915	36,939				7,191		7,191	06/24/2014		
420261-10-9 ...	HAWKINS INC			754.000	53,097	70.420	53,097	8,840		467		23,992		23,992	06/25/2010		
420877-20-1 ...	HAYNES INTERNATIONAL INC			501.000	28,582	57.050	28,582	41,697		441		5,691		5,691	06/26/2009		
421298-10-0 ...	HAYWARD HOLDINGS INC			1,521.000	20,686	13.600	20,686	29,215				6,388		6,388	06/24/2022		
421906-10-8 ...	HEALTHCARE SERVICES GROUP			2,398.000	24,867	10.370	24,867	21,864				(3,909)		(3,909)	06/23/2017		
42222N-10-3 ...	HEALTHSTREAM INC			1,071.000	28,949	27.030	28,949	17,454		107		2,345		2,345	06/26/2015		
42225T-10-7 ...	HEALTH CATALYST INC			1,262.000	11,686	9.260	11,686	40,294				(1,729)		(1,729)	06/25/2021		
42226A-10-7 ...	HEALTH EQUITY INC			2,384.000	158,059	66.300	158,059	100,142				11,109		11,109	06/25/2021		
42226K-10-5 ...	HEALTHCARE REALTY TRUST INC			10,202.000	175,780	17.230	175,780	264,963		12,650		(20,812)		(20,812)	07/21/2022		
422347-10-4 ...	HEARTLAND EXPRESS INC			1,188.000	16,941	18.950	16,941	14,260		95		(1,283)		(1,283)	06/27/2014		
42234Q-10-2 ...	HEARTLAND FINANCIAL USA INC			953.000	35,842	37.610	35,842	20,140		1,144		(8,587)		(8,587)	06/23/2017		
42250P-10-3 ...	HEALTHPEAK PROPERTIES INC REIT			13,991.000	277,022	19.800	277,022	429,401		16,789		(73,733)		(73,733)	06/28/2013		
422704-10-6 ...	HECLA MINING CO			16,414.000	78,951	4.810	78,951	74,767				(12,311)		(12,311)	07/10/2018		
422806-10-9 ...	HEICO CORP			1,082.000	193,537	178.870	193,537	33,183		216		27,299		27,299	06/26/2020		
422806-20-8 ...	HEICO CORP			2,011.000	286,447	142.440	286,447	52,964		402		45,428		45,428	06/26/2015		
422819-10-2 ...	HEIDRICK & STRUGGLES INTL INC			20,996	711.000	29.530	711.000	427				1,109		1,109	12/17/2002		
42328H-10-9 ...	HELIOS TECHNOLOGIES INC			922.000	41,813	45.350	41,813	18,957		332		(8,381)		(8,381)	06/22/2007		
42330P-10-7 ...	HELIX ENERGY SOLUTIONS GROUP			1,956.000	20,108	10.280	20,108	28,984				5,672		5,672	06/23/2017		
423452-10-1 ...	HELLMERICH & PAYNE INC			2,660.000	96,345	36.220	96,345	86,941		4,103		(20,945)		(20,945)	06/23/2023		

E12.23

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1	2	Codes		5	6	Fair Value		9	Dividends			Change in Book/Adjusted Carrying Value				17	18
		3	4			7	8		10	11	12	13	14	15	16		
CUSIP Identification	Description	Code	Foreign	Number of Shares	Book/Adjusted Carrying Value	Rate Per Share Used to Obtain Fair Value	Fair Value	Actual Cost	Declared but Unpaid	Amount Received During Year	Nonadmitted Declared But Unpaid	Unrealized Valuation Increase/ (Decrease)	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (13 - 14)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Date Acquired	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
426281-10-1	HENRY JACK & ASSOCIATES INC			1,860,000	303,943		163,410	303,943	38,477			(22,599)		(22,599)		06/24/2016	
426927-10-9	HERITAGE COMMERCE CORP			1,355,000	13,442		9,920	13,442	9,403			(4,173)		(4,173)		06/23/2017	
42704L-10-4	HERC HOLDINGS INC			787,000	117,176		148,889	117,176	55,756			13,631		13,631		07/01/2016	
42722X-10-6	HERITAGE FINANCIAL CORP			1,150,000	24,599		21,390	24,599	16,300			(10,638)		(10,638)		05/01/2014	
427866-10-8	HERSHEY COMPANY THE			3,767,000	702,319		186,440	702,319	127,690			(170,005)		(170,005)		06/28/2019	
42806J-70-0	HERTZ GLOBAL HLDGS INC			2,589,000	26,900		10,390	26,900	47,195			(12,945)		(12,945)		06/24/2022	
42809H-10-7	HESS CORP			7,227,000	1,041,844		144,160	1,041,844	295,902			16,911		16,911		06/24/2016	
42824C-10-9	HEWLETT PACKARD ENTERPRISE			33,759,000	573,228		16,980	573,228	232,280	4,389		34,434		34,434		06/24/2016	
428291-10-8	HEXCEL CORP			2,098,000	154,728		73,750	154,728	44,913			31,260		31,260		06/26/2015	
428567-10-1	HIBBETT SPORTS INC			547,000	39,395		72,020	39,395	19,585			547		2,079		06/24/2016	
431284-10-8	HIGHWOODS PROPERTIES INC			1,451,000	33,315		22,960	33,315	43,311			(7,284)		(7,284)		06/23/2017	
431571-10-8	HILLENBRAND INC			1,982,000	95,317		47,850	95,317	48,208			10,319		10,319		11/21/2019	
431636-10-9	HILLMAN SOLUTIONS CORP			3,242,000	29,859		9,210	29,859	9,210			6,484		6,484		06/24/2022	
432748-10-1	HILLTOP HOLDINGS INC			1,239,000	43,625		35,210	43,625	45,015		793	6,443		6,443		01/02/2015	
43283X-10-5	HILTON GRAND VACATIONS INC			2,683,000	107,803		40,180	107,803	85,615			4,400		4,400		06/22/2018	
433000-10-6	HIMS & HERS HEALTH INC			3,283,000	29,219		8,900	29,219	8,900			8,175		8,175		06/24/2022	
43300A-20-3	HILTON WORLDWIDE HLDGS INC			6,413,000	1,167,743		182,090	1,167,743	450,030		3,848	357,396		357,396		06/28/2019	
433323-10-2	HINGHAM INSTITUTION SAVINGS			57,000	11,081		194,404	11,081	6,276	36	180	(4,649)		(4,649)		06/26/2015	
433537-10-7	HIRERIGHT HOLDINGS CORP			392,000	5,272		13,449	5,272	6,025			623		623		06/24/2022	
433539-20-2	HIPPO HOLDINGS INC			348,000	3,174		9,121	3,174	7,984			(1,559)		(1,559)		09/30/2022	
436106-10-8	HOLLY FRONTIER CORP			3,290,000	1		30,450	1	79,390							03/19/2021	
436440-10-1	HOLOGIC INC			5,942,000	424,556		71,450	424,556	108,613			(19,965)		(19,965)		06/24/2016	
436893-20-0	HOME BANCSHARES INC			4,557,000	115,429		25,330	115,429	51,526		3,281	11,575		11,575		09/27/2017	
43689E-10-7	HOME BANCORP INC			238,000	9,998		42,008	9,998	6,399			471		471		06/24/2016	
437076-10-2	HOME DEPOT INC			25,796,000	8,939,604		346,550	8,939,604	703,815		215,655	791,679		791,679		06/26/2009	
43785V-10-2	HOMESTREET INC			698,000	7,189		10,299	7,189	13,341		454	(12,061)		(12,061)		06/26/2015	
438516-10-6	HONEYWELL INTERNATIONAL INC			17,101,000	3,586,251		209,710	3,586,251	599,204		71,311	(78,494)		(78,494)		03/20/2020	
43940T-10-9	HOPE BANCORP INC			2,725,000	32,918		12,080	32,918	23,673		1,526	(1,989)		(1,989)		08/01/2016	
440327-10-4	HORACE MANN EDUCATORS CORP			530,000	17,331		32,700	17,331	9,277		700	(2,475)		(2,475)		06/25/2004	
440407-10-4	HORIZON BANCORP INC			1,209,000	17,301		14,310	17,301	12,583		774	(931)		(931)		06/23/2017	
440452-10-0	HORMEL FOODS CORP			7,844,000	251,871		32,110	251,871	51,672		8,628	(105,423)		(105,423)		06/26/2015	
44107P-10-4	HOST HOTELS & RESORTS INC			18,186,000	354,081		19,470	354,081	223,012	3,637	13,653	62,196		62,196		06/28/2013	
441593-10-0	HOULIHAN LOKEY INC			1,371,000	164,397		119,910	164,397	50,810		2,989	44,900		44,900		06/26/2020	
442487-40-1	HOVNANIAN ENTERPRISES INC			148,000	23,032		155,622	23,032	14,602			16,804		16,804		06/25/2021	
44267T-10-2	HOWARD HUGHES HOLDINGS INC			908,000	77,679		85,550	77,679	76,375			1,305		1,305		08/14/2023	
443201-10-8	HOWMET AEROSPACE INC			9,687,000	524,260		54,120	524,260	328,874		1,647	142,496		142,496		11/01/2016	
443320-10-6	HUB GROUP INC			760,000	69,874		18,951	69,874	91,939			9,462		9,462		06/28/2013	
443510-60-7	HUBBELL INC			1,400,000	460,502		328,930	460,502	70,347		6,412	131,950		131,950		06/23/2017	
443573-10-0	HUBSPOT INC			1,159,000	672,846		580,540	672,846	74,645			337,744		337,744		06/25/2021	
444097-10-9	HUDSON PACIFIC PROPERTIES			3,600,000	33,516		9,310	33,516	121,629		1,350	(1,512)		(1,512)		06/23/2017	
444144-10-9	HUDSON TECHNOLOGIES INC			1,076,000	14,515		13,490	14,515	9,102			3,626		3,626		06/24/2022	
444859-10-2	HUMANA INC			3,215,000	1,471,859		457,810	1,471,859	49,683	2,845	11,154	(174,832)		(174,832)		12/15/2003	
445658-10-7	HUNT JB TRANSPORT SVCS INC			2,112,000	421,851		199,740	421,851	24,401			53,603		53,603		12/15/2003	
446150-10-4	HUNTINGTON BANCSHARES INC			37,096,000	471,861		12,720	471,861	363,989	6,210	23,000	(51,192)		(51,192)		06/10/2021	
446413-10-6	HUNTINGTON INGALLS INDUSTRIES			905,000	234,974		259,640	234,974	213,097			26,209		26,209		09/18/2020	
447011-10-7	HUNTSMAN CORP			4,964,000	124,745		25,130	124,745	82,595			(11,665)		(11,665)		06/22/2018	

E12.24

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Desig- nation, NAIC Desig- nation Modifier and SVO Admini- strative Symbol
		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
447462-10-2	HURON CONSULTING GROUP INC			669,000	68,773	102,800	68,773	35,758				20,204		20,204	12/18/2018		
448579-10-2	HYATT HOTELS			1,223,000	159,491	130,410	159,491	68,353		550		48,871		48,871	06/22/2018		
44891N-20-8	IAC INTERACTIVECORP			2,290,000	119,950	52,380	119,950	13,944				18,274		18,274	05/25/2021		
448947-50-7	IDT CORP			521,000	17,761	34,090	17,761	11,644				3,084		3,084	03/19/2021		
449109-10-7	HYLIIION HOLDINGS CORP			3,375,000	2,746	0,814	2,746	42,151				(5,151)		(5,151)	06/25/2021		
449172-10-5	HYSTER YALE MATERIALS HANDLING			404,000	25,125	62,191	25,125	8,280		524		14,900		14,900	11/28/2012		
44925C-10-3	ICF INTERNATIONAL INC			637,000	85,415	134,089	85,415	16,216	89	357		22,320		22,320	06/25/2010		
44930G-10-7	ICU MEDICAL INC			588,000	58,647	99,740	58,647	27,603				(33,951)		(33,951)	06/22/2012		
44951W-10-6	IES HOLDINGS INC			298,000	23,608	79,221	23,608	3,397				13,008		13,008	06/24/2016		
44952J-10-4	CRESCENT ENERGY COMPANY			3,087,000	40,779	13,210	40,779	36,763		12		4,017		4,017	12/15/2023		
449585-10-8	IGM BIOSCIENCES INC			229,000	1,903	8,310	1,903	15,803				(1,992)		(1,992)	06/26/2020		
44980X-10-9	IPG PHOTONICS CORP			804,000	87,266	108,540	87,266	27,791				11,151		11,151	06/23/2017		
450056-10-6	IRHYTHM TECHNOLOGIES INC			818,000	87,559	107,040	87,559	65,988				10,937		10,937	09/16/2022		
45073V-10-8	ITT INC			2,255,000	269,067	119,320	269,067	37,635		2,616		86,186		86,186	05/17/2016		
451107-10-6	IDACORP INC			1,138,000	111,888	98,320	111,888	67,968		3,642		(10,845)		(10,845)	12/15/2017		
45114M-10-9	ICOSAVAX INC			278,000	4,381	15,759	4,381	9,192				2,174		2,174	09/17/2021		
45166A-10-2	IDEAYA BIOSCIENCES INC			950,000	33,801	35,580	33,801	13,698				16,540		16,540	06/26/2020		
45167R-10-4	IDEX CORP			1,974,000	428,575	217,110	428,575	35,671		4,974		(22,148)		(22,148)	06/26/2009		
45168D-10-4	IDEXX LABORATORIES INC			2,172,000	1,205,569	555,050	1,205,569	19,603				319,479		319,479	06/24/2005		
45175G-10-8	IKENA ONCOLOGY INC			3,754,000	7,395	1,970	7,395	25,901				(18,506)		(18,506)	06/23/2023		
452308-10-9	ILLINOIS TOOL WORKS INC			7,772,000	2,035,798	261,940	2,035,798	457,598	10,881	41,152		323,626		323,626	06/22/2018		
452327-10-9	ILLUMINA INC			4,064,000	565,871	139,240	565,871	226,567				(255,869)		(255,869)	06/24/2022		
45253H-10-1	IMMUNOGEN INC			5,543,000	164,350	29,650	164,350	20,414				136,857		136,857	06/26/2020		
45254E-10-7	IMMUNEERING CORP CLASS A			2,190,000	16,097	7,350	16,097	22,513				(6,417)		(6,417)	06/23/2023		
45256X-10-3	IMMUNITYBIO INC			10,790,000	54,166	5,020	54,166	48,244				20,413		20,413	06/23/2023		
45258J-10-2	IMMUNOVANT INC			1,107,000	46,638	42,130	46,638	35,773				26,989		26,989	09/18/2020		
453204-10-9	IMPINJ INC			705,000	63,471	90,030	63,471	35,778				(13,501)		(13,501)	06/23/2017		
45332Y-10-9	INARI MEDICAL INC			1,298,000	84,266	64,920	84,266	114,776				1,765		1,765	06/24/2022		
45337C-10-2	INCYTE CORP LTD			5,156,000	323,745	62,790	323,745	334,589				(90,385)		(90,385)	06/23/2017		
45378A-10-6	INDEPENDENCE REALTY TRUST INC			5,802,000	88,771	15,300	88,771	107,319		928		(9,051)		(9,051)	03/18/2022		
453836-10-8	INDEPENDENT BANK CORP			1,393,000	91,673	65,810	91,673	60,997		766		(25,938)		(25,938)	06/24/2022		
453838-60-9	INDEPENDENT BANK CORP			863,000	22,455	26,020	22,455	11,052			794	1,812		1,812	06/27/2014		
45384B-10-6	INDEPENDENT BANK GROUP			356,000	18,113	50,879	18,113	11,273		541		(3,275)		(3,275)	04/29/2019		
45569U-10-1	INDIE SEMICONDUCTOR INC			2,443,000	19,813	8,110	19,813	15,585				5,570		5,570	06/24/2022		
45667G-10-3	INFINERA CORP			5,792,000	27,512	4,750	27,512	49,655				(11,526)		(11,526)	06/24/2016		
45674M-10-1	INFORMATICA INC CLASS A			845,000	23,990	28,391	23,990	30,787				10,225		10,225	12/17/2021		
45687V-10-6	INGERSOLL RAND INC			10,329,000	798,845	77,340	798,845	166,266			826	259,155		259,155	06/25/2021		
45688C-10-7	INGEVITY CORP			915,000	43,206	47,220	43,206	11,743				(21,246)		(21,246)	05/16/2016		
457030-10-4	INGLES MARKETS INC			202,000	17,447	86,371	17,447	2,268			133	(2,038)		(2,038)	12/17/2002		
457187-10-2	INGREDION INC			1,536,000	166,702	108,530	166,702	28,503	1,198	4,578		16,282		16,282	06/23/2017		
45720L-10-7	INHIBRX INC			813,000	30,894	38,000	30,894	25,880				10,862		10,862	06/25/2021		
45765U-10-3	INSIGHT ENTERPRISES INC			762,000	135,019	177,190	135,019	7,421				58,613		58,613	06/26/2009		
457669-30-7	INSMED INC			3,278,000	101,585	30,990	101,585	64,971				36,091		36,091	06/26/2020		
45768S-10-5	INNOPEC INC			586,000	72,219	123,241	72,219	18,079		826		11,943		11,943	06/24/2011		
457730-10-9	INSPIRE MEDICAL SYSTEMS INC			734,000	149,318	203,431	149,318	58,345				(35,562)		(35,562)	06/24/2022		
45774W-10-8	INSTEEL INDUSTRIES INC			716,000	27,416	38,291	27,416	17,322		1,876		7,711		7,711	06/30/2006		

E12.25

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identi- fication	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
457780-10-7 ...	INSPERITY INC			975.000	114,290	117,221	114,290	25,942		2,174		3,530		3,530		06/23/2017	
457790-10-3 ...	INSTRUCTURE HOLDINGS INC			559.000	15,099	27,011	15,099	12,532				1,996		1,996		06/24/2022	
45780L-10-4 ...	INOGEN INC			672.000	3,689	5,490	3,689	29,791				(9,556)		(9,556)		06/26/2015	
45780R-10-1 ...	INSTALLED BUILDING PRODUCTS			608.000	111,155	182,821	111,155	33,017		1,533		59,110		59,110		09/17/2021	
45781M-10-1 ...	INNOVIVA INC			2,407.000	38,608	16,040	38,608	49,116				6,716		6,716		06/23/2017	
45781V-10-1 ...	INNOVATIVE INDUSTRIAL PROPER			821.000	82,773	100,820	82,773	66,530	1,494	5,927		(435)		(435)		06/24/2022	
45782N-10-8 ...	INSPIRED ENTERTAINMENT INC			494.000	4,881	9,881	4,881	4,673				(1,378)		(1,378)		06/24/2022	
45784A-10-4 ...	INNOVAGE HOLDING CORP			316.000	1,896	6,000	1,896	6,655				(373)		(373)		06/25/2021	
45784P-10-1 ...	INSULET CORP			1,892.000	410,526	216,980	410,526	33,274				(146,460)		(146,460)		06/28/2013	
45790W-10-8 ...	INOZYME PHARMA INC			4,356.000	18,557	4,260	18,557	24,002				(5,445)		(5,445)		06/23/2023	
457985-20-8 ...	INTEGRA LIFESCIENCES HOLDINGS			1,812.000	78,913	43,550	78,913	29,895				(22,686)		(22,686)		06/24/2016	
458140-10-0 ...	INTEL CORP			108,848.000	5,469,612	50,250	5,469,612	2,366,316		79,308		2,565,640		2,565,640		12/15/2023	
45826H-10-9 ...	INTEGER HLDGS CORP			935.000	92,640	99,080	92,640	24,327				28,630		28,630		06/24/2016	
45826J-10-5 ...	INTELLIA THERAPEUTICS INC			2,093.000	63,816	30,490	63,816	97,690				(9,209)		(9,209)		06/24/2022	
45827U-10-9 ...	INTAPP INC			1,168.000	44,407	38,020	44,407	43,073				2,618		2,618		12/15/2023	
45828L-10-8 ...	INTEGRAL AD SCIENCE HOLDING			1,209.000	17,398	14,390	17,398	12,911				6,770		6,770		06/24/2022	
458334-10-9 ...	INTER PARFUMS INC			625.000	90,006	144,010	90,006	6,799		1,172		29,681		29,681		06/25/2010	
45841N-10-7 ...	INTERACTIVE BROKERS GROUP INC			2,433.000	201,696	82,900	201,696	82,586		973		25,668		25,668		06/24/2022	
458665-30-4 ...	INTERFACE INC			1,293.000	16,318	12,620	16,318	11,610				52		52		12/17/2002	
45866F-10-4 ...	INTERCONTINENTAL EXCHANGE GRP			14,465.000	1,857,740	128,430	1,857,740	1,076,180		23,544		362,666		362,666		09/01/2023	
45867G-10-1 ...	INTERDIGITAL INC			719.000	78,040	108,540	78,040	32,313		1,043		42,464		42,464		06/25/2010	
459044-10-3 ...	INTERNATIONAL BANCSHARES CORP			1,089.000	59,154	54,320	59,154	19,426		1,372		9,322		9,322		06/30/2006	
459200-10-1 ...	INTERNATIONAL BUSINESS MACHS			23,362.000	3,820,855	163,550	3,820,855	1,755,463		154,000		532,468		532,468		06/23/2023	
459506-10-1 ...	INTL FLAVORS & FRAGRANCES INC			6,858.000	555,292	80,970	555,292	679,329	5,555	22,220		(163,700)		(163,700)		02/04/2021	
46005L-10-1 ...	INTERNATIONAL MONEY EXPRESS			677.000	14,955	22,090	14,955	11,133				(1,544)		(1,544)		12/18/2010	
460146-10-3 ...	INTERNATIONAL PAPER CO			9,279.000	335,436	36,150	335,436	347,073		17,166		14,104		14,104		06/23/2017	
460690-10-0 ...	INTERPUBLIC GROUP OF COMPANIES			10,115.000	330,154	32,640	330,154	286,674		12,543		(6,777)		(6,777)		04/21/2005	
46116X-10-1 ...	INTRA CELLULAR THERAPIES INC			2,522.000	180,626	71,620	180,626	88,512				47,161		47,161		06/24/2022	
461202-10-3 ...	INTUIT INC			7,037.000	4,398,336	625,030	4,398,336	403,264		22,800		1,659,395		1,659,395		06/24/2022	
46120E-60-2 ...	INTUITIVE SURGICAL INC			8,947.000	3,018,360	337,360	3,018,360	116,888				644,273		644,273		06/22/2018	
46121Y-20-1 ...	INTREPID POTASH INC			362.000	8,648	23,890	8,648	8,361				(1,803)		(1,803)		08/14/2020	
46124J-20-1 ...	INVENTRUST PROPERTIES CORP			1,587.000	40,215	25,340	40,215	41,720	342	1,368		2,650		2,650		06/24/2022	
46131B-70-4 ...	INVESCO MORTGAGE CAPITAL			646.000	5,715	8,861	5,715	72,639	258	1,451		(2,500)		(2,500)		06/06/2022	
461804-10-6 ...	INVESTORS TITLE CO			62.000	10,053	162,145	10,053	5,581				905		905		06/24/2016	
46187W-10-7 ...	INVITATION HOMES INC			16,360.000	558,040	34,110	558,040	390,727	4,581	21,595		73,129		73,129		11/25/2019	
462222-10-0 ...	IONIS PHARMACEUTICALS INC			3,279.000	165,885	50,590	165,885	55,326				42,037		42,037		06/23/2017	
46222L-10-8 ...	IQOQ INC			3,256.000	40,342	12,390	40,342	16,637				29,109		29,109		06/24/2022	
462260-10-0 ...	IOVANCE BIOTHERAPEUTICS INC			4,447.000	36,154	8,130	36,154	64,956				7,738		7,738		06/26/2020	
46266C-10-5 ...	IQVIA HOLDINGS INC			4,668.000	1,080,082	231,380	1,080,082	438,380				123,655		123,655		06/26/2020	
46269C-10-2 ...	IRIDIUM COMMUNICATIONS INC			3,101.000	127,637	41,160	127,637	37,798		1,613		(31,754)		(31,754)		06/26/2020	
462726-10-0 ...	IROBOT CORP			883.000	34,172	38,700	34,172	21,394				(8,327)		(8,327)		06/24/2011	
46284V-10-1 ...	IRON MOUNTAIN INC			7,507.000	525,340	69,980	525,340	189,359	4,880	18,668		151,116		151,116		04/21/2016	
46333X-10-8 ...	IRONWOOD PHARMACEUTICALS INC			4,209.000	48,151	11,440	48,151	50,746				(3,999)		(3,999)		06/27/2014	
46565G-10-4 ...	ITEOS THERAPEUTICS INC			572.000	6,263	10,949	6,263	16,931				(4,908)		(4,908)		06/25/2021	
465712-10-7 ...	MONDEE HOLDINGS INC			2,864.000	7,905	2,760	7,905	25,345				(17,440)		(17,440)		06/23/2023	
46571Y-10-7 ...	13 VERTICALS INC CLASS A			351.000	7,431	21,171	7,431	10,336				(1,113)		(1,113)		06/28/2019	

E12.26

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
465741-10-6 ...	ITRON INC			1,329,000	100,353	75,510	100,353	69,548				33,039		33,039		06/23/2017	
46578C-10-8 ...	IVANHOE ELECTRIC INC			1,480,000	14,918	10,080	14,918	19,994				(5,075)		(5,075)		06/23/2023	
46590V-10-0 ...	JBG SMITH PROPERTIES			3,149,000	53,565	17,010	53,565	91,172		2,125		(6,204)		(6,204)		06/28/2019	
466032-10-9 ...	J&J SNACK FOODS CORP			308,000	51,479	167,140	51,479	28,210	226	728		5,368		5,368		06/24/2016	
46625H-10-0 ...	JP MORGAN CHASE & CO			74,457,000	12,665,136	170,100	12,665,136	2,900,991		300,170		2,669,837		2,669,837		12/15/2023	
466313-10-3 ...	JABIL CIRCUIT INC			3,250,000	414,050	127,400	414,050	77,787		1,040		192,400		192,400		06/27/2008	
466367-10-9 ...	JACK IN THE BOX INC			410,000	33,468	81,629	33,468	23,036		722		5,494		5,494		06/24/2022	
46817M-10-7 ...	JACKSON FINANCIAL INC			2,026,000	103,731	51,200	103,731	60,823		5,024		33,247		33,247		09/16/2022	
46982L-10-8 ...	JACOBS SOLUTIONS INC			3,276,000	425,225	129,800	425,225	85,063		3,407		31,875		31,875		06/26/2009	
47074L-10-5 ...	JAMIF HOLDING CORP			1,710,000	30,883	18,060	30,883	56,925				(5,540)		(5,540)		06/24/2022	
47103J-10-5 ...	JANUX THERAPEUTICS INC			258,000	2,768	10,729	2,768	7,068				(630)		(630)		09/17/2021	
47103N-10-6 ...	JANUS INTERNATIONAL GROUP INC			1,876,000	24,482	13,050	24,482	16,752				6,622		6,622		06/24/2022	
47233W-10-9 ...	JEFFERIES FINANCIAL GROUP INC			5,504,000	222,417	40,410	222,417	131,396		6,605		41,928		41,928		05/24/2018	
47580P-10-3 ...	JELD-WEN HOLDING INC			2,384,000	45,010	18,880	45,010	66,326				22,004		22,004		06/28/2019	
477143-10-1 ...	JETBLUE AIRWAYS CORP			4,132,000	22,933	5,550	22,933	39,630				(9,185)		(9,185)		06/23/2023	
477839-10-4 ...	JOHN BEAN TECHNOLOGIES CORP			96,665	99,450	96,665	99,450	2,487	97	389		7,893		7,893		08/01/2008	
478160-10-4 ...	JOHNSON & JOHNSON			62,190,000	9,747,504	156,740	9,747,504	2,546,559		290,978		(1,228,010)		(1,228,010)		12/15/2023	
479167-10-8 ...	JOHNSON OUTDOORS INC			232,000	12,393	53,418	12,393	3,254		292		(2,946)		(2,946)		06/25/2010	
47973J-10-2 ...	JOINT CORP THE			390,000	3,748	9,610	3,748	27,649				(1,704)		(1,704)		06/25/2011	
48020Q-10-7 ...	JONES LANG LASALLE INC			1,238,000	233,821	188,870	233,821	93,073				36,521		36,521		07/02/2019	
48123V-10-2 ...	J2 GLOBAL INC			1,245,000	83,652	67,190	83,652	35,645				(14,828)		(14,828)		06/23/2017	
48203R-10-4 ...	JUNIPER NETWORKS INC			8,971,000	264,465	29,480	264,465	209,137		7,894		(22,248)		(22,248)		06/23/2017	
48238T-10-9 ...	KAR AUCTION SERVICES INC			3,912,000	57,937	14,810	57,937	43,483				6,885		6,885		06/27/2014	
48242W-10-6 ...	KBR INC			3,487,000	193,215	55,410	193,215	87,291	471	1,814		9,101		9,101		06/22/2007	
482480-10-0 ...	KLA CORPORATION			3,524,000	2,048,501	581,300	2,048,501	170,547		18,853		719,847		719,847		02/20/2019	
48251K-10-0 ...	KKR REAL ESTATE FINANCE TRUST			933,000	12,344	13,230	12,344	18,082	401	1,605		(681)		(681)		06/24/2022	
48251W-10-4 ...	KKR & CO INC			16,794,000	1,391,383	82,850	1,391,383	545,080		10,274		597,415		597,415		06/23/2023	
48253L-20-5 ...	KLX ENERGY SERVICES HOLDING			162,000	1,824	11,259	1,824	1,460				365		365		06/23/2023	
48282T-10-4 ...	KADANT INC			242,000	67,835	280,310	67,835	8,058		273		24,849		24,849		06/24/2016	
483007-70-4 ...	KAISER ALUMINUM CORP			443,000	31,537	71,190	31,537	44,576		1,364		(2,113)		(2,113)		03/19/2021	
483497-10-3 ...	KALVISTA PHARMACEUTICAL INC			487,000	5,966	12,251	5,966	10,786				2,674		2,674		06/28/2019	
483548-10-3 ...	KAMAN CORP			1,040,000	24,908	23,950	24,908	21,741	208	832		1,716		1,716		06/23/2017	
48576A-10-0 ...	KARUNA THERAPEUTICS INC			951,000	301,001	316,510	301,001	130,741				109,944		109,944		06/23/2023	
48576U-10-6 ...	KARYOPHARM THERAPEUTICS INC			2,103,000	1,819	0,865	1,819	11,103				(5,331)		(5,331)		06/24/2022	
48666K-10-9 ...	KB HOME			1,960,000	122,422	62,460	122,422	84,857		1,206		48,864		48,864		06/23/2023	
48716P-10-8 ...	KEARNY FINANCIAL CORP			1,623,000	14,558	8,970	14,558	16,307		714		(1,915)		(1,915)		04/02/2018	
487836-10-8 ...	KELLOGG CO			6,867,000	383,934	55,910	383,934	220,758		16,069		(76,750)		(76,750)		06/28/2013	
488152-20-8 ...	KELLY SERVICES INC			1,192,000	25,771	21,620	25,771	30,218		358		5,626		5,626		06/25/2010	
488401-10-0 ...	KEMPER CORP			1,556,000	75,731	48,670	75,731	76,227		1,929		(825)		(825)		06/18/2018	
489170-10-0 ...	KENAMETAL INC			2,961,000	76,364	25,790	76,364	48,586				5,123		5,123		09/03/2008	
489398-10-7 ...	KENNEDY-WILSON HOLDINGS INC			2,815,000	34,850	12,380	34,850	58,559	676	2,702		(9,430)		(9,430)		06/24/2022	
49177J-10-2 ...	KENVUE INC			45,080,000	970,616	21,530	970,616	862,776		16,518		107,790		107,790		09/15/2023	
492327-10-1 ...	KEROS THERAPEUTICS INC			400,000	15,904	39,760	15,904	32,386				(3,304)		(3,304)		12/18/2020	
49271V-10-0 ...	KEURIG DR PEPPER INC			24,527,000	817,240	33,320	817,240	763,042		19,003		(46,336)		(46,336)		06/23/2023	
493267-10-8 ...	KEYCORP NEW CO			22,600,000	325,440	14,400	325,440	259,544		18,532		(68,252)		(68,252)		12/18/2018	
49338L-10-3 ...	KEYSIGHT TECHNOLOGIES			4,546,000	723,223	159,090	723,223	102,032				(54,461)		(54,461)		06/23/2017	

E12.27

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identi- fication	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Desig- nation, NAIC Desig- nation Modifier and SVO Admini- strative Symbol
		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
49372L-10-0	KEZAR LIFE SCIENCES INC			1,311.000	1,242	0.947	1,242	10,107				(7,987)		(7,987)		06/28/2019	
493732-10-1	KFORCE INC			681.000	46,008	67,559	46,008	6,404		981		8,669		8,669		06/25/2004	
49427F-10-8	KILROY REALTY CORP			3,530.000	140,635	39,840	140,635	139,356	1,906	7,625		4,130		4,130		06/26/2020	
49428J-10-9	KIMBALL ELECTRONICS INC			1,038.000	27,974	26,950	27,974	5,772				4,526		4,526		11/03/2014	
494368-10-3	KIMBERLY-CLARK CORP			8,681.000	1,054,828	121,510	1,054,828	385,014	10,244	40,409		(123,617)		(123,617)		11/26/2003	
49446R-10-9	KIMCO REALTY CORP			16,724.000	356,388	21,310	356,388	260,737		17,058		2,174		2,174		08/04/2021	
49456B-10-1	KINDER MORGAN INC			52,033.000	917,862	17,640	917,862	1,961,207		58,537		(22,895)		(22,895)		06/24/2016	
49714P-10-8	KINSALE CAPITAL GROUP INC			544.000	182,191	334,910	182,191	29,195		305		39,924		39,924		06/26/2020	
497266-10-6	KIRBY CORP			1,491.000	117,014	78,480	117,014	29,318				21,068		21,068		06/30/2006	
49803T-30-0	KITE REALTY GROUP TRUST			6,010.000	137,389	22,860	137,389	143,037		5,770		10,878		10,878		10/22/2021	
498894-10-4	KNIFE RIVER CORP			1,339.000	88,615	66,180	88,615	17,479				71,136		71,136		06/01/2023	
499049-10-4	KNIGHT SWIFT TRANSPORTATION			4,439.000	255,908	57,650	255,908	93,573		2,486		23,260		23,260		06/25/2021	
49926D-10-9	KNOWLES CORP			3,025.000	54,178	17,910	54,178	39,215				4,507		4,507		03/03/2014	
50015M-10-9	KODIAK SCIENCES INC			988.000	3,004	3,040	3,004	20,193				(4,071)		(4,071)		06/25/2021	
500255-10-4	KOHL'S CORP			1,925.000	55,209	28,680	55,209	113,793				6,603		6,603		06/30/2006	
50050N-10-3	KONTOR BRANDS INC			1,320.000	82,394	62,420	82,394	25,965		2,561		29,608		29,608		09/17/2021	
50060P-10-6	KOPPERS HOLDINGS INC			850.000	43,537	51,220	43,537	22,879		204		19,567		19,567		06/22/2007	
500643-20-0	KORN FERRY INTERNATIONAL			1,748.000	103,744	59,350	103,744	61,124	577	1,469		15,260		15,260		12/17/2002	
500688-10-6	KOSMOS ENERGY LTD			12,210.000	81,929	6,710	81,929	45,126				4,274		4,274		06/24/2022	
500754-10-6	KRAFT HEINZ CO THE			20,410.000	754,762	36,980	754,762	540,522		30,856		(65,324)		(65,324)		06/23/2023	
50077B-20-7	KRATOS DEFENSE & SECURITY			3,783.000	76,757	20,290	76,757	52,913				37,717		37,717		09/18/2020	
50101L-10-6	KRISPY KREME INC			2,068.000	31,206	15,090	31,206	29,759		290		9,864		9,864		03/18/2022	
501044-10-1	KROGER CO THE			16,560.000	756,958	45,710	756,958	165,639		18,216		18,713		18,713		12/15/2003	
50105F-10-5	KRONOS WORLDWIDE INC			893.000	8,876	9,940	8,876	25,068		679		482		482		06/24/2011	
501147-10-2	KRYSTAL BIOTECH INC			486.000	60,293	124,060	60,293	24,447				21,792		21,792		06/25/2021	
501242-10-1	KULLCKE & SOFFA INDUSTRIES INC			1,055.000	57,730	54,720	57,730	64,826	211	694		11,035		11,035		06/25/2021	
501270-10-2	KURA SUSHI USA INC CLASS A			155.000	11,780	76,000	11,780	13,396				(1,616)		(1,616)		06/23/2023	
50127T-10-9	KURA ONCOLOGY INC			1,654.000	23,785	14,380	23,785	25,463				3,258		3,258		06/26/2020	
501550-10-0	KYNDRYL HOLDINGS INC			5,240.000	108,887	20,780	108,887	88,004				50,618		50,618		11/04/2021	
501575-10-4	KYNERA THERAPEUTICS INC			969.000	24,671	25,460	24,671	53,312				485		485		09/17/2021	
50187T-10-6	LGI HOMES INC			624.000	83,092	133,160	83,092	11,665				25,309		25,309		06/27/2014	
501889-20-8	LKQ CORP			6,559.000	313,455	47,790	313,455	90,041		7,009		(37,538)		(37,538)		06/23/2023	
50189K-10-3	LCI INDS COM			767.000	96,420	125,711	96,420	33,119		3,221		25,510		25,510		06/23/2017	
50212V-10-0	LPL FINANCIAL HOLDINGS INC			2,046.000	465,711	227,620	465,711	99,183		2,455		23,427		23,427		06/24/2022	
502160-10-4	LSB INDUSTRIES INC			952.000	8,863	9,310	8,863	12,795				(3,798)		(3,798)		06/24/2022	
502175-10-2	LTC PROPERTIES INC			838.000	26,917	32,121	26,917	25,788		1,911		(2,858)		(2,858)		06/24/2022	
502431-10-9	L3HARRIS TECHNOLOGIES INC			4,935.000	1,039,410	210,620	1,039,410	275,175		22,504		11,893		11,893		07/01/2019	
505336-10-7	LA-Z-BOY INC			935.000	34,520	36,920	34,520	18,154		696		13,184		13,184		11/13/2003	
50540R-40-9	LABORATORY CORP AMERICA HLDGS			2,293.000	521,176	227,290	521,176	140,805		6,604		57,300		57,300		06/24/2016	
505743-10-4	LADDER CAPITAL CORP			2,645.000	30,444	11,510	30,444	11,510	608			3,888		3,888		01/24/2019	
511637-10-0	LAKELAND BANCORP INC			1,629.000	24,093	14,790	24,093	19,286		945		(4,594)		(4,594)		06/26/2015	
511656-10-0	LAKELAND FINANCIAL CORP			499.000	32,515	65,160	32,515	15,281		918		(3,897)		(3,897)		06/24/2016	
512807-10-8	LAM RESEARCH CORP			3,440.000	2,694,414	783,260	2,694,414	137,508	6,880	25,114		1,248,582		1,248,582		06/23/2017	
512816-10-9	LAMAR ADVERTISING CO			2,210.000	234,879	106,280	234,879	105,899		11,050		26,255		26,255		06/24/2022	
513272-10-4	LAMB WESTON HLD			3,732.000	403,392	108,090	403,392	64,566		4,180		69,900		69,900		06/23/2017	
513847-10-3	LANCASTER COLONY CORP			566.000	94,177	166,390	94,177	53,735		1,953		(17,495)		(17,495)		06/24/2022	

E12.28

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1	2	Codes		5	6	Fair Value		9	Dividends			Change in Book/Adjusted Carrying Value				17	18
		3	4			7	8		10	11	12	13	14	15	16		
CUSIP Identification	Description	Code	Foreign	Number of Shares	Book/Adjusted Carrying Value	Rate Per Share Used to Obtain Fair Value	Fair Value	Actual Cost	Declared but Unpaid	Amount Received During Year	Nonadmitted Declared But Unpaid	Unrealized Valuation Increase/ (Decrease)	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (13 - 14)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Date Acquired	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
515098-10-1	LANDSTAR SYSTEM INC			945,000	182,999	193,650	182,999	73,117		2,712		25,782		25,782		06/23/2023	
51509F-10-5	LANDS END INC			487,000	4,656	9,561	4,656	32,644				959		959		06/27/2014	
516544-10-3	LANTHEUS HOLDINGS INC			1,849,000	114,638	62,000	114,638	82,300				8,951		8,951		12/15/2023	
516806-20-5	LAREDO PETROLEUM INC			458,000	20,834	45,489	20,834	38,574				(2,716)		(2,716)		06/24/2022	
517834-10-7	LAS VEGAS SANDS CORP			9,002,000	442,988	49,210	442,988	193,553		3,601		10,262		10,262		06/24/2011	
51819L-10-7	LATHAM GROUP INC			412,000	1,084	2,631	1,084	12,520				(243)		(243)		06/25/2021	
518415-10-4	LATTICE SEMICONDUCTOR CORP			3,496,000	241,189	68,990	241,189	39,272				14,369		14,369		03/20/2020	
518439-10-4	LAUDER ESTEE COS INC			6,045,000	884,081	146,250	884,081	187,330		15,959		(615,744)		(615,744)		03/19/2021	
518613-20-3	LAUREATE EDUCATION INC			3,222,000	44,174	13,710	44,174	43,536		2,255		13,178		13,178		06/26/2020	
520776-10-5	LAWSON PRODUCTS			542,000	17,106	31,561	17,106	6,450				6,928		6,928		09/01/2023	
521865-20-4	LEAR CORP			1,526,000	215,486	141,210	215,486	76,200		4,700		26,232		26,232		06/26/2015	
524660-10-7	LEGGETT & PLATT INC			3,082,000	80,656	26,170	80,656	62,286	1,418	5,144		(18,677)		(18,677)		11/26/2003	
52466B-10-3	LEGALZOOMCOM INC			2,559,000	28,917	11,300	28,917	36,159				9,110		9,110		03/18/2022	
525327-10-2	LEIDOS HOLDINGS INC			3,664,000	396,591	108,240	396,591	153,050		5,349		11,175		11,175		06/23/2017	
525558-20-1	LEMAITRE VASCULAR INC			562,000	31,899	56,760	31,899	7,409		315		6,036		6,036		06/24/2016	
52567D-10-7	LEMONADE INC			1,146,000	18,485	16,130	18,485	100,143				2,808		2,808		06/25/2021	
52603A-20-8	LENDINGCLUB CORP			2,865,000	25,040	8,740	25,040	92,462				(172)		(172)		06/25/2021	
52603B-10-7	LENDINGTREE INC			334,000	10,127	30,320	10,127	56,207				3,003		3,003		06/25/2021	
526057-10-4	LENNAR CORP			6,311,000	940,591	149,040	940,591	228,612		9,467		369,446		369,446		06/22/2018	
526057-30-2	LENNAR CORP			349,000	46,783	134,049	46,783	20,501		524		20,685		20,685		09/18/2020	
526107-10-7	LENNOX INTERNATIONAL INC			824,000	368,756	447,519	368,756	32,532	906	3,506		171,631		171,631		06/28/2013	
52661A-10-8	LEONARDO DRG INC			1,340,000	26,854	20,040	26,854	22,068				4,785		4,785		06/23/2023	
527064-10-9	LESLIES INC			4,195,000	28,987	6,910	28,987	97,664				(22,234)		(22,234)		06/24/2022	
528872-30-2	LEXICON PHARMACEUTICALS INC			1,763,000	2,697	1,530	2,697	19,644				(670)		(670)		06/24/2016	
529043-10-1	LEXINGTON REALTY TRUST			7,690,000	76,285	9,920	76,285	72,159	1,000	3,125		1,202		1,202		06/23/2023	
530307-10-7	LIBERTY BROADBAND CORP			337,000	27,176	80,641	27,176	9,594				1,614		1,614		06/23/2017	
530307-30-5	LIBERTY BROADBAND CORP			3,122,000	251,602	80,590	251,602	178,514				13,487		13,487		12/21/2020	
53115L-10-4	LIBERTY ENERGY INC			4,256,000	77,204	18,140	77,204	64,439		411		12,765		12,765		09/15/2023	
531229-60-7	LIBERTY SIRIUS GROUP			4,032,000		31,830		15,488				(29,434)		(29,434)		06/05/2020	
531229-72-2	LIBERTY MEDIA CORP			228,000	46,214	37,390	46,214	3,645				4,880		4,880		08/04/2023	
531229-74-8	LIBERTY MEDIA CORP			489,000	17,873	36,550	17,873	4,955				12,918		12,918		08/04/2023	
531229-75-5	LIBERTY MEDIA CORP			4,828,000	304,792	63,130	304,792	172,758				132,034		132,034		08/04/2023	
531229-77-1	LIBERTY MEDIA CORP			300,000	17,394	57,980	17,394	12,306				5,088		5,088		08/04/2023	
531229-81-3	LIBERTY MEDIA CORP			1,910,000	54,893	28,740	54,893	14,079				40,815		40,815		08/04/2023	
53190C-10-2	LIFE TIME GROUP HOLDINGS INC			989,000	14,914	15,080	14,914	15,442				3,086		3,086		06/24/2022	
53220K-50-4	LIGAND PHARMACEUTICALS INC			484,000	34,567	71,419	34,567	14,243				2,236		2,236		06/22/2007	
532275-10-4	LIGHTWAVE LOGIC INC			3,049,000	15,184	4,980	15,184	20,183				2,043		2,043		06/24/2022	
53228F-10-1	LIFESTANCE HEALTH GROUP INC			1,759,000	13,773	7,830	13,773	14,748				5,084		5,084		06/24/2022	
532457-10-8	LILLY ELI & CO COM			21,799,000	12,707,073	582,920	12,707,073	1,158,455		98,531		4,732,127		4,732,127		06/24/2016	
533900-10-6	LINCOLN ELECTRIC HOLDINGS INC			323,798	1,489,000	217,460	323,798	63,721	1,057	3,815		101,528		101,528		06/23/2023	
534187-10-9	LINCOLN NATIONAL CORP			3,184,000	85,872	26,970	85,872	72,317		5,731		(11,940)		(11,940)		06/24/2011	
535219-10-9	LINDBLAD EXPEDITIONS HOLDING			608,000	6,852	11,270	6,852	5,465				2,171		2,171		06/24/2016	
535555-10-6	LINDSAY CORP			220,000	28,415	129,159	28,415	11,762		304		(7,412)		(7,412)		06/26/2015	
53635B-10-7	LIQUIDITY SERVICES INC			664,000	11,427	17,209	11,427	17,991				2,092		2,092		06/22/2012	
53635D-20-2	LIQUIDIA TECHNOLOGIES INC			1,283,000	15,434	12,030	15,434	5,568				7,262		7,262		06/24/2022	
536797-10-3	LITHIA MOTORS INC			697,000	229,508	329,280	229,508	87,265		1,338		86,804		86,804		06/25/2021	

E12.29

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 Foreign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
537008-10-4	LITTELFUSE INC			647,000	173,111	267,560	173,111	28,286		1,618		30,642		30,642		01/12/2018	
538034-10-9	LIVE NATION INC			3,897,000	364,759	93,600	364,759	129,585				92,982		92,982		06/24/2022	
53803X-10-5	LIVE OAK BANCSHARES INC			833,000	37,902	45,501	37,902	12,753		100		12,745		12,745		06/24/2016	
538146-10-1	LIVEPERSON INC			10,425,000	39,511	3,790	39,511	34,507				5,004		5,004		12/15/2023	
53814L-10-8	LIVENT CORP			4,445,000	79,921	17,980	79,921	39,190				(8,401)		(8,401)		06/24/2022	
53815P-10-8	LIVERAMP HOLDINGS INC			1,949,000	73,828	37,880	73,828	42,181				28,144		28,144		06/27/2014	
539830-10-9	LOCKHEED MARTIN CORP			5,715,000	2,590,267	453,240	2,590,267	297,164		69,437		(190,024)		(190,024)		08/29/2014	
540424-10-8	LOEWS CORP			4,389,000	305,431	69,590	305,431	83,534		1,097		49,420		49,420		06/26/2009	
546347-10-5	LOUISIANA-PACIFIC CORP			1,747,000	123,740	70,830	123,740	34,245		1,677		20,318		20,318		06/23/2017	
54738L-10-9	LOVESAC CO THE			336,000	8,585	25,551	8,585	10,439				1,189		1,189		06/28/2019	
548661-10-7	LOWES COMPANIES INC			14,896,000	3,315,105	222,550	3,315,105	248,195		64,053		347,226		347,226		06/24/2016	
549498-10-3	LUCID GROUP INC			19,933,000	83,918	4,210	83,918	313,673				(45,371)		(45,371)		06/23/2023	
550021-10-9	LULULEMON ATHLETICA INC			2,833,000	1,448,485	511,290	1,448,485	283,014				540,848		540,848		06/28/2019	
55024U-10-9	LUMENTUM HOLDINGS INC			1,893,000	99,231	52,420	99,231	444,624				473		473		12/11/2018	
550424-10-5	LUMINAR TECHNOLOGIES INC			6,477,000	21,827	3,370	21,827	48,510				(10,234)		(10,234)		06/24/2022	
55083R-10-4	LYELL IMMUNOPHARMA INC			4,069,000	7,894	1,940	7,894	24,373				(6,226)		(6,226)		03/18/2022	
55087P-10-4	LYFT INC			8,428,000	126,336	14,990	126,336	411,343				33,459		33,459		06/25/2021	
55261F-10-4	M&T BANK CORP			4,428,000	606,990	137,080	606,990	558,222		23,026		(35,335)		(35,335)		04/05/2022	
55262C-10-0	MBIA INC			2,049,000	6,120	12,540	6,120	405		16,392		2,602		2,602		06/23/2017	
552676-10-8	MDC HOLDINGS INC			1,166,000	64,422	55,250	64,422	29,938		2,449		27,576		27,576		06/22/2018	
552690-10-9	MDU RESOURCES GROUP INC			3,915,000	77,517	19,800	77,517	29,952	489	2,401		(4,976)		(4,976)		06/23/2017	
55272X-60-7	MFA FINANCIAL INC			2,348,000	26,462	11,270	26,462	63,871	822	3,287		3,334		3,334		04/05/2022	
55277P-10-4	MGE ENERGY INC			899,000	65,007	72,310	65,007	41,862		1,501		1,717		1,717		03/31/2016	
552848-10-3	MGIC INVESTMENT CORP			7,150,000	137,924	19,290	137,924	67,250		3,075		44,974		44,974		06/24/2022	
552953-10-1	MGM RESORTS INTERNATIONAL			8,051,000	359,719	44,680	359,719	139,359				89,769		89,769		06/23/2017	
55303J-10-6	MGP INGREDIENTS INC			476,000	46,896	98,521	46,896	7,462		228		(3,741)		(3,741)		06/26/2015	
55305B-10-1	M/I HOMES INC			561,000	77,272	137,740	77,272	31,682				45,164		45,164		03/17/2023	
55306N-10-4	MKS INSTRUMENTS INC			1,776,000	182,697	102,870	182,697	64,493		1,448		27,939		27,939		06/23/2023	
55328R-10-9	TINGO GROUP INC			18,383,000	6,342	0,345	6,342	21,874				(15,532)		(15,532)		06/23/2023	
553368-10-1	MP MATERIALS CORP			2,475,000	49,129	19,850	49,129	86,353				(10,964)		(10,964)		06/24/2022	
55345K-10-3	MRC GLOBAL INC			2,142,000	23,583	11,010	23,583	24,849				(1,221)		(1,221)		06/25/2021	
553498-10-6	MISA SAFETY INC			877,000	148,064	168,830	148,064	25,920		1,640		21,609		21,609		06/26/2020	
553530-10-6	MSC INDUSTRIAL DIRECT CO			950,000	96,197	101,260	96,197	48,613		3,040		18,582		18,582		06/24/2016	
55354G-10-0	MSCI INC			1,946,000	1,100,755	565,650	1,100,755	89,470		10,685		192,585		192,585		03/17/2023	
553810-10-2	MVB FINANCIAL CORP			180,000	4,061	22,561	4,061	7,911		122		97		97		06/25/2021	
55405W-10-4	MYR GROUP INC			368,000	53,224	144,630	53,224	7,834				19,342		19,342		06/26/2009	
55405Y-10-0	MA-COM TECHNOLOGY SOLUTIONS			1,227,000	114,050	92,950	114,050	249,339				36,773		36,773		06/23/2017	
554225-10-2	MACATAWA BANK CORP			1,072,000	12,092	11,280	12,092	7,257		354		268		268		06/24/2016	
554382-10-1	MACERICH CO			6,081,000	93,830	15,430	93,830	167,741		4,135		25,357		25,357		09/17/2021	
554489-10-4	MACK-CALI REALTY CORP			1,163,000	18,294	15,730	18,294	16,142	61			(233)		(233)		06/24/2022	
556099-10-9	MACROGENICS INC			1,721,000	16,556	9,620	16,556	44,623				5,008		5,008		06/25/2021	
55616P-10-4	MACYS INC			6,895,000	138,727	20,120	138,727	189,551	1,140	4,561		(3,654)		(3,654)		06/24/2016	
556269-10-8	MADDEN STEVEN LTD COM			1,625,000	68,250	42,000	68,250	14,006		1,365		16,315		16,315		06/25/2010	
55825T-10-3	MADISON SQUARE GARDEN CO			456,000	82,914	181,829	82,914	132				(684)		(684)		04/20/2020	
55826T-10-2	MADISON SQUARE GARDEN ENT			832,000	28,255	33,960	28,255	18,217				(9,160)		(9,160)		07/09/2021	
558868-10-5	MADRIGAL PHARMACEUTICALS INC			275,000	63,630	231,382	63,630	25,848				(16,189)		(16,189)		06/26/2020	

E12.30

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
55955D-10-0	MAGNITE INC			3,683,000	34,399	9,340	34,399	60,253				(4,604)		(4,604)		09/17/2021	
559663-10-9	MAGNOLIA OIL & GAS CORP			4,177,000	88,928	21,290	88,928	54,443		1,921		(9,022)		(9,022)		06/24/2022	
56117J-10-0	MALIBU BOATS INC			688,000	37,716	54,820	37,716	14,339				1,046		1,046		06/26/2015	
562750-10-9	MANHATTAN ASSOCIATES INC			1,591,000	342,574	215,320	342,574	30,952				149,427		149,427		06/26/2015	
563571-40-5	MANITOWOC CO INC			1,198,000	19,995	16,690	19,995	19,818				9,021		9,021		11/20/2017	
56400P-70-6	MANNKIND CORP			7,710,000	28,064	3,640	28,064	8,866				(12,567)		(12,567)		06/28/2019	
56418H-10-0	MANPOWER INC			1,551,000	123,258	79,470	123,258	62,464		4,560		(5,801)		(5,801)		06/26/2015	
565394-10-3	MAPLEBEAR INC			541,000	12,697	23,470	12,697	13,309				(611)		(611)		12/15/2023	
565788-10-6	MARATHON DIGITAL HOLDINGS INC			4,993,000	117,286	23,490	117,286	107,712				80,386		80,386		06/23/2023	
565849-10-6	MARATHON OIL CORP			16,639,000	401,998	24,160	401,998	308,152		6,822		(48,419)		(48,419)		06/24/2016	
56585A-10-2	MARATHON PETROLEUM CORP			9,790,000	1,452,444	148,360	1,452,444	765,979		30,104		312,986		312,986		10/01/2018	
56600D-10-7	MARAVAI LIFESCIENCE HLDGS A			3,088,000	20,226	6,550	20,226	115,536				(23,963)		(23,963)		12/17/2021	
566324-10-9	MARCUS & MILLICHAP INC			569,000	24,854	43,680	24,854	18,595		285		5,252		5,252		06/26/2015	
566330-10-6	MARCUS CORP			736,000	10,731	14,580	10,731	10,476		177		140		140		12/17/2002	
567908-10-8	MARINEMAX INC			530,000	20,617	38,900	20,617	4,053				4,070		4,070		06/25/2010	
568427-10-8	MARINE PRODUCTS CORP			441,000	5,027	11,399	5,027	2,281		247		(163)		(163)		12/17/2002	
568540-20-0	MARINUS PHARMACEUTICALS INC			1,321,000	14,359	10,870	14,359	13,236				1,124		1,124		06/23/2023	
570535-10-4	MARKEL CORP			341,000	484,186	1,419,900	484,186	132,389				34,922		34,922		06/23/2017	
57060D-10-8	MARKETAXESS HOLDINGS INC			965,000	282,600	282,600	282,600	282,600		2,779		13,471		13,471		06/24/2016	
57142B-10-4	MARQETA INC A			11,987,000	83,669	6,980	83,669	121,181				10,429		10,429		06/24/2022	
57164Y-10-7	MARRIOTT VACATIONS WORLD			914,000	77,589	84,889	77,589	81,915	695	2,514		(45,426)		(45,426)		09/04/2018	
571748-10-2	MARSH & MCLENNAN COS INC			12,636,000	2,394,143	189,470	2,394,143	427,026		32,854		303,138		303,138		06/26/2009	
571903-20-2	MARRIOTT INTERNATIONAL INC			6,296,000	1,419,811	225,510	1,419,811	193,662		12,340		482,400		482,400		09/23/2016	
573075-10-8	MARTEN TRANSPORT LTD			2,242,000	47,037	20,980	47,037	23,769		538		2,690		2,690		06/23/2017	
573284-10-6	MARTIN MARIETTA MATERIALS INC			1,576,000	786,282	498,910	786,282	101,613		4,413		253,641		253,641		06/26/2015	
573874-10-4	MARVELL TECHNOLOGY INC			22,079,000	1,331,584	60,310	1,331,584	459,205		5,299		513,778		513,778		03/18/2022	
574599-10-6	MASCO CORP			5,807,000	388,953	66,980	388,953	116,793		6,620		117,940		117,940		11/26/2003	
574795-10-0	MASIMO CORP			1,202,000	140,886	117,210	140,886	44,923				(36,949)		(36,949)		06/23/2017	
576323-10-9	MASTEC INC			1,677,000	126,982	75,720	126,982	28,379				(16,116)		(16,116)		10/10/2022	
57636Q-10-4	MASTERCARD INC			21,416,000	9,134,138	426,510	9,134,138	574,457		48,780		1,686,988		1,686,988		03/17/2023	
57637H-10-3	MASTERCRAFT BOAT HOLDINGS INC			673,000	15,237	22,640	15,237	10,839				(2,174)		(2,174)		06/23/2017	
57638P-10-4	MASTERBRAND INC			3,438,000	51,054	14,850	51,054	35,370				14,078		14,078		06/23/2023	
576485-20-5	MATADOR RESOURCES CO			2,911,000	165,519	56,860	165,519	79,379		1,892		(1,106)		(1,106)		06/25/2021	
57667L-10-7	MATCH GROUP INC			7,483,000	273,130	36,500	273,130	346,571				(37,340)		(37,340)		06/25/2021	
576690-10-1	MATERION CORP			467,000	60,771	130,131	60,771	22,786		241		19,904		19,904		06/24/2022	
57686G-10-5	MATSON INC			1,000,000	109,600	109,600	109,600	27,624		1,260		47,090		47,090		06/24/2016	
577081-10-2	MATTEL INC			8,884,000	167,730	18,880	167,730	184,534				9,239		9,239		11/13/2003	
577096-10-0	MATTEPORT INC			6,004,000	16,151	2,690	16,151	25,096				(660)		(660)		06/24/2022	
577128-10-1	MATTHEWS INTERNATIONAL CORP			271,000	9,932	36,649	9,932	10,448		252		1,683		1,683		06/24/2022	
577345-10-1	MAUI LAND & PINEAPPLE CO INC			2,370,000	37,659	15,890	37,659	35,550				2,109		2,109		12/15/2023	
57776J-10-0	MAXLINEAR INC			2,280,000	54,196	23,770	54,196	38,210				(23,210)		(23,210)		06/24/2016	
57777K-10-6	MAXCYTE INC			2,546,000	11,966	4,700	11,966	25,496				(1,935)		(1,935)		12/17/2021	
577933-10-4	MAXIMUS INC			1,544,000	129,480	83,860	129,480	30,930		1,760		16,258		16,258		06/23/2017	
579780-20-6	MCCORMICK & CO INC			6,567,000	449,314	68,420	449,314	75,794	2,758	10,290		(95,024)		(95,024)		10/19/2009	
580135-10-1	MCDONALDS CORP			18,718,000	5,550,074	296,510	5,550,074	519,631		116,613		617,320		617,320		02/01/2006	
580589-10-9	MCGRATH RENTCORP			687,000	82,179	119,620	82,179	24,430		1,271		14,345		14,345		09/18/2020	

E12.31

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 Foreign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
581550-10-3	MCKESSON CORP			3,489,000	1,615,337	462,980	1,615,337	128,080	2,163	7,824		306,544		306,544		06/24/2005	
58450V-10-4	MEDIAALPHA INC CLASS A			495,000	5,508	11,149	5,508	21,049				594		594		06/25/2021	
58463J-30-4	MEDICAL PROPERTIES TRUST INC			18,427,000	90,477	4,910	90,477	201,596	1,789	6,022		(66,108)		(66,108)		12/15/2023	
58470H-10-1	MEDIFAST INC			366,000	24,603	67,221	24,603	8,295		1,812		(17,616)		(17,616)		06/23/2017	
58502B-10-6	MEDNAX INC			1,877,000	17,456	9,300	17,456	66,506				(10,436)		(10,436)		09/17/2021	
58506Q-10-9	MEDPACE HOLDINGS INC			647,000	198,325	306,530	198,325	48,869				60,896		60,896		06/25/2021	
587376-10-4	MERCANTILE BANK CORP			640,000	25,843	40,380	25,843	12,871		858		4,416		4,416		06/27/2014	
58844R-10-8	MERCHANTS BANCORP INC			77,000	3,279	42,584	3,279	1,449		6	25	1,406		1,406		06/22/2018	
58933Y-10-5	MERCK & CO			65,416,000	7,131,652	109,020	7,131,652	2,733,115	50,370	190,424		(126,253)		(126,253)		04/30/2014	
589378-10-8	MERCURY COMPUTER SYSTEMS INC			1,473,000	53,868	36,570	53,868	60,337				(12,034)		(12,034)		06/24/2022	
589400-10-0	MERCURY GENERAL CORP			754,000	28,132	37,310	28,132	43,140		958		2,345		2,345		03/19/2021	
58985J-10-5	MERIDIANLINK INC			423,000	10,478	24,771	10,478	7,833				4,670		4,670		06/24/2022	
589889-10-4	MERIT MEDICAL SYSTEMS INC			1,508,000	114,548	75,960	114,548	38,546				4,162		4,162		06/23/2023	
59001A-10-2	MERITAGE HOMES CORP			893,000	155,561	174,200	155,561	62,201		907		69,529		69,529		03/17/2023	
59064R-10-9	MESA LABORATORIES INC			126,000	13,201	104,770	13,201	5,643		81		(7,741)		(7,741)		06/22/2012	
59100U-10-8	META FINANCIAL GROUP INC			1,035,000	54,783	52,930	54,783	15,212	52	207		10,226		10,226		06/23/2017	
591520-20-0	METHODE ELECTRONICS INC			1,398,000	31,777	22,730	31,777	16,753		783		(30,253)		(30,253)		12/17/2002	
59156R-10-8	METLIFE INC			16,785,000	1,109,992	66,130	1,109,992	617,771		34,577		(104,738)		(104,738)		07/31/2014	
591774-10-4	METROPOLITAN BANK HOLDING CO			229,000	12,682	12,216	12,682	55,380				(753)		(753)		06/22/2018	
592688-10-5	METTLER TOLEDO INTL INC			575,000	697,452	1,212,960	697,452	39,500				(133,682)		(133,682)		12/30/2009	
594918-10-4	MICROSOFT CORP			191,971,000	72,188,775	376,040	72,188,775	6,362,021		533,602		26,053,740		26,053,740		12/15/2023	
594960-30-4	MICROVISION INC			4,688,000	12,470	2,660	12,470	68,610				1,453		1,453		09/17/2021	
594972-40-8	MICROSTRATEGY INC			312,000	197,065	631,619	197,065	69,189				119,875		119,875		12/15/2023	
595017-10-4	MICROCHIP TECHNOLOGY INC			13,652,000	1,231,137	90,180	1,231,137	310,135		21,485		268,582		268,582		06/23/2023	
595112-10-3	MICRON TECHNOLOGY INC			28,212,000	2,407,612	85,340	2,407,612	484,467	3,244	12,727		997,576		997,576		06/22/2018	
59516C-10-6	MICROVAST HOLDINGS INC			4,622,000	6,471	1,400	6,471	12,663				(601)		(601)		06/24/2022	
59522J-10-3	MIDAMERICA APARTMENT COMMUNITY			3,069,000	412,658	134,460	412,658	227,321		17,186		(69,145)		(69,145)		06/23/2017	
59540G-10-7	MID PENN BANCORP INC			196,000	4,759	24,281	4,759	5,352		157		(1,115)		(1,115)		06/24/2022	
596278-10-1	MIDDLEBY CORP			1,179,000	173,513	147,170	173,513	38,348				15,645		15,645		06/24/2011	
596680-10-8	MIDDLESEX WATER CO			644,000	42,259	65,620	42,259	10,912		813		(8,404)		(8,404)		06/27/2008	
597742-10-5	MIDLAND STATES BANCORP INC			582,000	16,040	27,560	16,040	17,722		698		547		547		06/23/2017	
598511-10-3	MIDWESTONE FINANCIAL GROUP INC			406,000	10,925	26,909	10,925	9,568		394		(1,965)		(1,965)		06/23/2017	
600544-10-0	MILLER HERMAN INC COM			1,885,000	50,292	26,680	50,292	68,621	71	(94)		(652)		(652)		12/15/2023	
600551-20-4	MILLER INDUSTRIES INC			18,861	18,861	42,289	18,861	6,815		321		6,971		6,971		06/24/2011	
602496-10-1	MIMEDX GROUP INC			3,231,000	28,336	8,770	28,336	36,379				19,354		19,354		06/25/2021	
603158-10-6	MINERALS TECHNOLOGIES INC			838,000	59,758	71,310	59,758	24,815		210		8,874		8,874		04/02/2007	
60468T-10-5	MIRATI THERAPEUTICS INC			1,197,000	70,324	92,352	70,324	58,750				16,088		16,088		06/26/2020	
60471A-10-1	MIRION TECHNOLOGIES INC			3,110,000	31,878	10,250	31,878	19,811				11,320		11,320		06/24/2022	
604749-10-1	MIRUM PHARMACEUTICALS INC			392,000	11,572	29,520	11,572	7,334				3,928		3,928		06/24/2022	
60510V-10-8	MISSION PRODUCE INC			6,902	6,902	10,091	6,902	14,575				(1,047)		(1,047)		06/25/2021	
60646V-10-5	MISTER CAR WASH INC			1,527,000	13,193	8,640	13,193	26,637				(901)		(901)		12/17/2021	
606710-20-0	MITEK SYSTEMS INC			1,253,000	16,339	13,040	16,339	8,482				4,198		4,198		06/24/2016	
607525-10-2	MODEL N INC			844,000	22,729	26,930	22,729	13,167		(11,504)		(11,504)		(11,504)		06/27/2014	
60770K-10-7	MODERNA INC			8,660,000	861,237	99,450	861,237	547,179				(694,272)		(694,272)		06/25/2021	
607828-10-0	MODINE MANUFACTURING CO			967,000	57,730	59,700	57,730	26,712				38,525		38,525		06/24/2005	
60783X-10-4	MODIVCARE INC			426,000	18,740	43,991	18,740	10,091				(19,485)		(19,485)		01/07/2021	

E12.32

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
60786M-10-5 ...	MOELIS & CO			1,603,000	89,976	56,130	89,976	69,615		3,847		28,469		28,469		06/25/2021	
608190-10-4 ...	MORHAWK INDUSTRIES INC			1,156,000	119,646	103,500	119,646	55,050				1,480		1,480		06/23/2017	
60855R-10-0 ...	MOLINA HEALTHCARE INC			1,449,000	523,538	361,310	523,538	86,091				45,049		45,049		06/22/2018	
60871R-20-9 ...	MOLSON COORS BREWING CO			4,604,000	281,811	61,210	281,811	277,356		7,551		44,613		44,613		06/24/2016	
609027-10-7 ...	MONARCH CASINO & RESORT INC			388,000	26,830	69,149	26,830	8,251		2,289		(3,003)		(3,003)		06/24/2005	
609207-10-5 ...	MODELEZ INTERNATIONAL INC			34,949,000	2,531,356	72,430	2,531,356	542,256	14,853	55,446		202,005		202,005		07/31/2012	
60937P-10-6 ...	MONGODB INC			1,657,000	677,464	408,850	677,464	327,035				351,301		351,301		12/16/2022	
609839-10-5 ...	MONOLITHIC POWER SYSTEMS INC			1,190,000	750,628	630,780	750,628	52,949	1,190	4,717		322,019		322,019		03/17/2023	
610236-10-1 ...	MONRO MUFFLER INC			759,000	22,269	29,340	22,269	30,438		850		(12,038)		(12,038)		06/24/2022	
61174X-10-9 ...	MONSTER BEVERAGE CORP			19,105,000	1,100,639	57,610	1,100,639	73,414				130,774		130,774		03/28/2023	
61218C-10-3 ...	MONTAUK RENEWABLES INC			1,899,000	16,920	8,910	16,920	21,286				(4,026)		(4,026)		06/24/2022	
61225M-10-2 ...	MONTE ROSA THERAPEUTICS INC			213,000	1,203	5,648	1,203	6,546				(417)		(417)		09/17/2021	
615111-10-1 ...	MONTROSE ENVIRONMENTAL GROUP			640,000	20,563	32,130	20,563	32,130				(7,846)		(7,846)		03/19/2021	
615369-10-5 ...	MOODYS CORP			4,066,000	1,588,017	390,560	1,588,017	52,247		12,523		455,148		455,148		06/25/2010	
615394-20-2 ...	MOOG INC			753,000	109,019	144,780	109,019	53,389		645		37,363		37,363		06/23/2023	
617446-44-8 ...	MORGAN STANLEY			30,948,000	2,885,901	93,250	2,885,901	837,928		100,581		254,702		254,702		02/24/2021	
617700-10-9 ...	MORNINGSTAR INC			671,000	192,067	286,240	192,067	61,333		1,007		46,735		46,735		06/26/2020	
61775R-10-5 ...	MORPHIC HOLDING INC			597,000	17,241	28,879	17,241	20,481				1,272		1,272		06/25/2021	
61945C-10-3 ...	MOSAIC CO			9,024,000	322,428	35,730	322,428	496,348		9,475		(73,455)		(73,455)		12/17/2021	
620076-30-7 ...	MOTOROLA INC			4,205,000	1,316,543	313,090	1,316,543	228,618	4,121	15,011		232,873		232,873		06/26/2015	
624580-10-6 ...	MOVADO GROUP INC			638,000	19,236	30,150	19,236	6,441		1,531		(1,340)		(1,340)		12/17/2002	
624756-10-2 ...	MUELLER INDUSTRIES INC			2,548,000	120,138	47,150	120,138	42,862	191	1,338		44,972		44,972		10/23/2023	
624758-10-8 ...	MUELLER WATER PRODUCTS INC			4,045,000	58,248	14,400	58,248	40,082		999		14,724		14,724		06/26/2020	
62482R-10-7 ...	MIR COOPER GROUP INC			1,830,000	119,170	65,120	119,170	67,776				46,744		46,744		03/17/2023	
62548M-10-0 ...	MULTIPLAN CORP			10,131,000	14,589	1,440	14,589	17,263				(2,675)		(2,675)		09/15/2023	
626717-10-2 ...	MURPHY OIL CORP			3,745,000	159,762	42,660	159,762	72,639		4,120		(1,311)		(1,311)		09/20/2021	
626755-10-2 ...	MURPHY USA INC			516,000	183,985	356,560	183,985	54,558		681		34,094		34,094		09/15/2023	
628464-10-9 ...	MYERS INDUSTRIES INC			871,000	17,028	19,550	17,028	9,845	118	470		(2,334)		(2,334)		12/17/2002	
62855J-10-4 ...	MYRIAD GENETICS INC			2,502,000	47,888	19,140	47,888	54,964				11,584		11,584		06/26/2009	
628778-10-2 ...	NBT BANCORP INC			521,000	21,835	41,910	21,835	12,913		646		(787)		(787)		06/23/2017	
62878D-10-0 ...	N ABLE INC			1,593,000	21,107	13,250	21,107	20,210				4,731		4,731		06/24/2022	
62886E-10-8 ...	NCR CORP			3,958,000	66,930	16,910	66,930	31,457				9,779		9,779		06/27/2014	
629156-40-7 ...	NL INDUSTRIES INC			563,000	3,158	5,609	3,158	7,387		158		(676)		(676)		03/05/2004	
629209-30-5 ...	NMI HOLDINGS INC CLASS A			2,265,000	67,225	29,680	67,225	24,908				19,887		19,887		06/27/2014	
62921N-10-5 ...	NGM BIOPHARMACEUTICALS INC			761,000	654	0,859	654	14,584				(3,167)		(3,167)		12/20/2019	
629377-50-8 ...	NRG ENERGY INC			6,174,000	319,196	51,700	319,196	405,394		8,579		119,914		119,914		06/23/2023	
629445-20-6 ...	NVE CORP			127,000	9,961	78,433	9,961	11,786		254		(1,826)		(1,826)		06/23/2023	
62944T-10-5 ...	NVR INC			73,000	511,033	7,000,452	511,033	36,908				174,315		174,315		06/25/2010	
62945V-10-9 ...	NVS HOLDINGS INC			291,000	32,336	111,120	32,336	7,478				(6,169)		(6,169)		06/24/2016	
62955J-10-3 ...	NOV INC			10,664,000	216,266	216,266	216,266	232,255		2,133		(6,505)		(6,505)		06/26/2009	
629579-10-3 ...	NACCO INDUSTRIES INC			726,000	26,499	36,500	26,499	25,133		316		1,366		1,366		06/23/2023	
63001N-10-6 ...	NCR ATLEOS CORP			1,979,000	48,070	24,290	48,070	19,543				28,527		28,527		10/17/2023	
630402-10-5 ...	NAPCO SECURITY TECHNOLOGIES			856,000	29,318	34,250	29,318	4,044		190		5,795		5,795		06/23/2017	
631103-10-8 ...	NASDAQ INC			8,679,000	504,597	58,140	504,597	111,930		7,305		327,112		327,112		08/29/2022	
632307-10-4 ...	NATERA INC			2,327,000	145,763	62,640	145,763	58,136				52,288		52,288		06/25/2021	
633707-10-4 ...	NATIONAL BANK HOLDINGS			984,000	36,595	37,190	36,595	19,378		1,023		(4,802)		(4,802)		06/28/2013	

E12.33

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identi- fication	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 Foreign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
635017-10-6	NATIONAL BEVERAGE CORP			607,000	30,180	49,720	30,180	23,393				1,936		1,936		12/16/2022	
635906-10-0	NATIONAL HEALTHCARE CORP			212,000	19,593	92,420	19,593	13,543	125	496		6,979		6,979		06/24/2016	
636180-10-1	NATIONAL FUEL GAS CO			2,063,000	103,501	50,170	103,501	53,467	1,021	4,043		(27,087)		(27,087)		06/23/2017	
63633D-10-4	NATIONAL HEALTH INVESTORS INC			1,067,000	59,592	55,850	59,592	70,167	960	3,841		3,873		3,873		06/24/2022	
637215-10-4	NATIONAL PRESTO INDUSTRIES INC			206,000	16,538	80,282	16,538	7,319		824		2,435		2,435		06/25/2010	
637372-20-2	NATIONAL RESEARCH GROUP			357,000	14,123	39,560	14,123	5,146	43	528		807		807		05/23/2013	
637417-10-6	NATIONAL RETAIL PROPERTIES INC			3,858,000	169,168	43,102	169,168	127,695	2,468	17,251		(9,831)		(9,831)		05/15/2023	
637870-10-6	NATIONAL STORAGE AFFILIATES TR			2,086,000	86,506	41,470	86,506	77,150		2,346		7,107		7,107		12/15/2023	
63845R-10-7	NATIONAL VISION HOLDINGS INC			2,416,000	50,567	20,930	50,567	82,144				(43,077)		(43,077)		06/28/2019	
638517-10-2	NATIONAL WESTERN LIFE GRP INC			92,000	44,438	483,022	44,438	16,788		33		18,586		18,586		06/24/2016	
63888U-10-8	NATURAL GROCERS BY VITAMIN COT			345,000	5,520	16,000	5,520	10,691		483		2,367		2,367		06/28/2013	
639027-10-1	NATURES SUNSHINE PRODUCTS INC			537,000	9,285	17,291	9,285	7,311				4,817		4,817		06/22/2012	
63938C-10-8	NAVIENT CORPORATION			2,696,000	50,200	18,620	50,200	33,748		1,725		5,850		5,850		12/16/2022	
63942X-10-6	NAVITAS SEMICONDUCTOR CORP			2,707,000	21,845	8,070	21,845	23,739				(1,894)		(1,894)		06/23/2023	
63947X-10-1	NCINO INC			1,586,000	53,337	33,630	53,337	110,391				11,403		11,403		01/10/2022	
64031N-10-8	NELNET INC			249,000	21,967	88,221	21,967	11,199		264		(630)		(630)		06/23/2017	
640491-10-6	NEOGEN CORP			5,732,000	115,271	20,110	115,271	53,742				27,972		27,972		12/16/2022	
64049M-20-9	NEOGENOMICS INC			3,250,000	52,585	16,180	52,585	39,425				22,555		22,555		06/25/2021	
64082B-10-2	NERDWALLET INC			619,000	9,112	14,721	9,112	6,140				3,169		3,169		06/24/2022	
64110D-10-4	NETAPP INC			5,418,000	477,651	88,160	477,651	179,699		10,836		152,246		152,246		06/23/2017	
64110L-10-6	NETFLIX INC			11,138,000	5,422,869	486,880	5,422,869	511,762				2,138,496		2,138,496		06/24/2022	
64110Y-10-8	NET LEASE OFFICE PORPPTY			333,000	6,154	18,480	6,154	18,480	113	113		(342,974)		(342,974)		11/02/2023	
64111Q-10-4	NETGEAR INC			962,000	14,026	14,580	14,026	10,125				(3,396)		(3,396)		06/24/2005	
64115T-10-4	NETSCOUT SYSTEMS INC			2,211,000	48,531	21,950	48,531	12,088				(23,348)		(23,348)		07/13/2015	
64119V-30-3	NETSTREIT CORP			1,788,000	31,916	17,850	31,916	37,272		1,448		(858)		(858)		06/24/2022	
64125C-10-9	NEUROCRINE BIOSCIENCES INC			2,550,000	335,988	131,760	335,988	87,760				31,416		31,416		06/23/2017	
64157F-10-3	NEVRO CORP			1,074,000	23,112	21,520	23,112	64,049				(19,418)		(19,418)		06/23/2017	
644393-10-0	NEW FORTRESS ENERGY LLC			1,311,000	49,464	37,730	49,464	51,251		4,457		(6,149)		(6,149)		06/24/2022	
646025-10-6	NEW JERSEY RESOURCES CORP			2,338,000	104,228	44,580	104,228	37,071	982	3,787		(11,784)		(11,784)		06/25/2021	
64828T-20-1	NEW RESIDENTIAL INVESTMENT			11,204,000	119,659	10,680	119,659	172,153	2,801	11,204		28,122		28,122		06/24/2022	
649445-10-3	NEW YORK COMMUNITY BANCORP INC			194,871	10,230	194,871	10,230	212,815		12,131		26,530		26,530		06/23/2023	
649604-84-0	NEW YORK MORTGAGE TRUST INC			2,274,000	19,397	8,530	19,397	31,496	455	2,729		(12,098)		(12,098)		03/09/2023	
650111-10-7	NEW YORK TIMES CO			4,377,000	214,429	48,990	214,429	120,040		1,838		72,352		72,352		06/26/2020	
651229-10-6	NEWELL RUBBERMAID INC			6,890,000	59,805	8,680	59,805	197,802				(30,316)		(30,316)		06/23/2017	
651587-10-7	NEWMARKET CORP			126,000	68,775	545,833	68,775	21,046	284	1,115		29,575		29,575		06/24/2022	
65158N-10-2	NEWMARK GROUP INC CLASS A			4,328,000	47,435	10,960	47,435	43,580		519		12,941		12,941		03/19/2021	
651639-10-6	NEWMONT MINING CORP			1,228,248	1,228,248	41,390	1,228,248	1,128,712		36,627		(84,486)		(84,486)		10/26/2023	
651718-50-4	NEWIPARK RESOURCES			3,366,000	22,350	6,640	22,350	27,435				8,381		8,381		12/17/2002	
65249B-10-9	NEW NEWSCORP LLC			10,391,000	255,099	24,550	255,099	84,383		2,078		65,983		65,983		06/23/2017	
65249B-20-8	NEW NEWSCORP LLC			80,041	25,720	80,041	25,720	45,201		622		22,655		22,655		06/23/2017	
65290E-10-1	NEXTRACKER INC			793,000	37,152	46,850	37,152	23,056				14,096		14,096		03/17/2023	
65339K-10-3	NEXSTAR BROADCASTING GROUP INC			1,008,000	158,004	156,750	158,004	50,440		5,443		(18,426)		(18,426)		01/18/2017	
65339F-10-1	NEXTERA ENERGY INC			52,638,000	3,197,232	60,740	3,197,232	799,195		97,624		(1,195,144)		(1,195,144)		06/23/2023	
65341D-10-2	NEXTPPOINT RESIDENTIALTRUST INC			662,000	22,793	34,431	22,793	9,279	306	834		(6,018)		(6,018)		06/26/2015	
65342T-10-6	NI HOLDINGS INC			394,000	5,118	12,990	5,118	6,757				(110)		(110)		06/23/2017	
65345M-10-8	NEXTDORR HOLDINGS INC			3,861,000	7,297	1,890	7,297	11,659				(4,362)		(4,362)		06/23/2023	

E12.34

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

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		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
65406E-10-2 ...	NICOLET BANKSHARES INC			394.000	31,709	80.480	31,709	17,875		296		272		272	06/24/2022		
654106-10-3 ...	NIKE INC			30,608.000	3,323,111	108,570	3,323,111	405,244	11,325	42,545		(258,332)		(258,332)	03/19/2021		
654110-10-5 ...	NIKOLA CORP			15,920.000	13,927	0.875	13,927	19,008				(5,082)		(5,082)	09/15/2023		
65443P-10-2 ...	908 DEVICES INC			521.000	5,846	11,221	5,846	13,384				1,876		1,876	06/24/2022		
65473P-10-5 ...	NISOURCE INC			11,482.000	304,847	26,550	304,847	130,870		11,482		(9,989)		(9,989)	06/22/2018		
65487K-10-0 ...	NLIGHT INC			1,072.000	14,472	13,500	14,472	25,931				3,602		3,602	06/26/2020		
65487U-10-8 ...	NKARTA INC			881.000	5,815	6,600	5,815	21,784				537		537	06/24/2022		
65540B-10-5 ...	NOODLES & CO			400.000	1,260	3,150	1,260	14,031				(936)		(936)	12/20/2013		
655663-10-2 ...	NORDSON CORP			1,561.000	412,354	264,160	412,354	36,784	1,061	4,152		41,273		41,273	06/27/2008		
655664-10-0 ...	NORDSTROM INC			2,955.000	54,520	18,450	54,520	64,326		750		4,031		4,031	12/15/2023		
655844-10-8 ...	NORFOLK SOUTHERN CORP			5,990.000	1,415,916	236,380	1,415,916	133,273		32,346		(60,140)		(60,140)	06/30/2006		
665531-30-7 ...	NORTHERN OIL AND GAS INC			1,684.000	62,426	37,070	62,426	36,537		674		10,525		10,525	06/24/2022		
665859-10-4 ...	NORTHERN TRUST CORP			5,281.000	445,611	84,380	445,611	284,453	4,274	15,843		(21,705)		(21,705)	06/23/2017		
66611T-10-8 ...	NORTHFIELD BANCORP INC			1,643.000	20,669	12,580	20,669	26,796		854		(5,175)		(5,175)	06/23/2017		
666807-10-2 ...	NORTHROP GRUMMAN CORP			3,716.000	1,739,608	468,140	1,739,608			27,275		(287,879)		(287,879)	01/11/2005		
667340-10-3 ...	NORTHWEST BANCSHARES INC			2,083.000	25,996	12,480	25,996	28,398		1,666		(3,125)		(3,125)	04/27/2020		
66765N-10-5 ...	NORTHWEST NATURAL GAS CO			1,124.000	43,769	38,940	43,769	38,586		2,183		(9,723)		(9,723)	06/24/2016		
667746-10-1 ...	NORTHWEST PIPE CO			371.000	11,226	30,259	11,226	5,969				(1,276)		(1,276)	06/23/2017		
668074-30-5 ...	NORTHWESTERN CORP			1,255.000	63,867	50,890	63,867	55,612		3,213		(10,605)		(10,605)	06/22/2018		
668771-10-8 ...	NORTON LIFELOCK INC			14,102.000	321,808	22,820	321,808	338,760		7,051		19,602		19,602	09/20/2021		
670002-40-1 ...	NOVAVAX INC			2,168.000	10,406	4,800	10,406	161,038				(11,881)		(11,881)	09/20/2021		
67000B-10-4 ...	NOVANTA INC			1,083.000	182,388	168,410	182,388	182,388				35,241		35,241	06/24/2011		
67011P-10-0 ...	NOW INC			3,443.000	38,975	11,320	38,975	42,807				(4,751)		(4,751)	06/24/2016		
67018T-10-5 ...	NU SKIN ENTERPRISES INC			142.000	2,758	19,423	2,758	11,523		222		(3,229)		(3,229)	06/22/2018		
670346-10-5 ...	NUCOR CORP			6,562.000	1,142,050	174,040	1,142,050	129,455	3,543	13,283		277,113		277,113	06/24/2016		
67059N-10-8 ...	NUTANIX INC			5,847.000	278,843	47,690	278,843	172,116				126,529		126,529	06/26/2020		
67066G-10-4 ...	NVIDIA CORP			61,292.000	30,353,024	495,220	30,353,024	619,228		9,783		21,344,055		21,344,055	12/15/2023		
670703-10-7 ...	NUVALENT INC			786.000	57,842	73,590	57,842	32,888				26,388		26,388	06/23/2023		
67079K-10-0 ...	NUSCALE POWER CORP			1,422.000	4,678	3,290	4,678	10,337				(5,659)		(5,659)	06/23/2023		
67080M-10-3 ...	NURIX THERAPEUTICS INC			1,379.000	14,231	10,320	14,231	34,910				(910)		(910)	06/24/2022		
67080N-10-1 ...	NUVATION BIO INC			4,458.000	6,732	1,510	6,732	39,950				(1,828)		(1,828)	12/17/2021		
67080T-10-8 ...	NUVECTIS PHARMA INC			1,389.000	11,584	8,340	11,584	23,542				(11,958)		(11,958)	06/23/2023		
670837-10-3 ...	OGE ENERGY CORP			4,365.000	152,469	34,930	152,469	80,269		6,006		(16,390)		(16,390)	09/15/2023		
67098H-10-4 ...	O-I GLASS INC			3,476.000	56,937	16,380	56,937	16,380				(660)		(660)	12/27/2019		
67103H-10-7 ...	O'REILLY AUTOMOTIVE INC			1,536.000	1,459,323	950,080	1,459,323	62,993				162,893		162,893	06/26/2009		
67103X-10-2 ...	OFG BANCORP			811.000	30,396	37,480	30,396	9,835	178	408		8,045		8,045	06/24/2011		
671044-10-5 ...	OSI SYSTEMS INC			421.000	54,330	129,050	54,330	19,730				20,852		20,852	06/23/2017		
674215-20-7 ...	OASIS PETROLEUM INC			1,043.000	173,378	166,230	173,378	106,106		13,872		30,685		30,685	07/01/2022		
674599-10-5 ...	OCCIDENTAL PETROLEUM CORP			18,209.000	1,087,259	59,710	1,087,259	397,608	3,278	12,612		(59,726)		(59,726)	08/09/2019		
675232-10-2 ...	OCEANEERING INTERNATIONAL INC			2,352.000	50,051	21,280	50,051	32,526				8,914		8,914	09/20/2021		
675234-10-8 ...	OCEANFIRST FINANCIAL CORP			1,583.000	27,481	17,360	27,481	31,402		1,266		(6,158)		(6,158)	01/29/2018		
67576A-10-0 ...	OCULAR THERAPEUTIX INC			2,221.000	9,906	4,460	9,906	34,499				3,665		3,665	06/25/2021		
67623C-10-9 ...	OFFICE PROPERTIES INCOME TR			1,207.000	8,835	7,320	8,835	90,878		1,569		(7,278)		(7,278)	01/02/2019		
678026-10-5 ...	OIL STATES INTERNATIONAL INC			2,073.000	14,076	6,790	14,076	36,708				(1,389)		(1,389)	06/25/2010		
679295-10-5 ...	OKTA INC			3,761.000	340,483	90,530	340,483	271,978				83,494		83,494	09/16/2022		
679369-10-8 ...	OLAPLEX HOLDING INC			3,350.000	8,509	2,540	8,509	59,083				(8,945)		(8,945)	06/24/2022		

E12.35

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

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		3 Code	4 Foreign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
679580-10-0 ...	OLD DOMINION FREIGHT LINE INC			2,540,000	1,029,538	405,330	1,029,538	24,018		4,064		308,737		308,737		06/26/2015	
680033-10-7 ...	OLD NATIONAL BANCORP			7,277,000	122,909	16,890	122,909	120,287		3,821		(1,434)		(1,434)		03/17/2023	
680223-10-4 ...	OLD REPUBLIC INTL CORP			6,154,000	180,928	29,400	180,928	105,551		6,031		32,308		32,308		06/22/2018	
680277-10-0 ...	OLD SECOND BANCORP INC			1,237,000	19,099	15,440	19,099	7,977		247		(742)		(742)		06/26/2015	
68062P-10-6 ...	OLEMA PHARMACEUTICALS INC			685,000	9,611	14,031	9,611	8,832				778		778		09/15/2023	
680665-20-5 ...	OLIN CORP			3,441,000	185,642	53,950	185,642	88,078		2,536		6,024		6,024		06/23/2023	
681116-10-9 ...	OLLIES BARGAIN OUTLET HLDGS			1,485,000	112,697	75,890	112,697	72,316				43,139		43,139		06/25/2021	
68134L-10-9 ...	OLO INC CLASS A			2,330,000	13,328	5,720	13,328	23,508				(1,235)		(1,235)		06/24/2022	
68162K-10-6 ...	OLYMPIC STEEL INC			395,000	26,347	66,701	26,347	13,976		198		13,082		13,082		06/30/2006	
681919-10-6 ...	OMNICOM GROUP INC			5,132,000	443,969	86,510	443,969	172,970	3,592	14,086		25,352		25,352		12/15/2003	
681936-10-0 ...	OMEGA HEALTHCARE INVESTORS INC			6,502,000	199,351	30,660	199,351	178,209		14,373		14,351		14,351		12/15/2023	
682095-10-4 ...	OMEGA FLEX INC			117,000	8,250	70,513	8,250	3,907		153		(2,669)		(2,669)		09/30/2015	
68213N-10-9 ...	OMNICELL INC			1,291,000	48,580	37,630	48,580	28,659				(16,512)		(16,512)		06/23/2017	
682189-10-5 ...	ON SEMICONDUCTOR CORP			11,130,000	929,689	83,530	929,689	142,153				231,087		231,087		03/17/2023	
68218J-10-3 ...	OMNIAB INC			2,371,000	14,629	6,170	14,629	5,904				6,093		6,093		11/02/2022	
68235P-10-8 ...	ONE GAS INC			1,679,000	106,986	63,720	106,986	17,553		4,365		(20,148)		(20,148)		06/23/2017	
682406-10-3 ...	ONE LIBERTY PROPERTIES INC			574,000	12,576	21,909	12,576	9,020	258	1,033		(178)		(178)		10/16/2020	
682430-10-6 ...	1-800 FLOWERS.COM INC			966,000	10,413	10,780	10,413	9,232				1,179		1,179		06/30/2003	
682680-10-3 ...	ONEOK INC			14,995,000	1,052,949	70,220	1,052,949	771,233		44,457		60,291		60,291		12/15/2003	
68268W-10-3 ...	ONEMAIN HLDGS INC			2,990,000	147,108	49,200	147,108	125,912		11,960		47,511		47,511		06/24/2022	
68280L-10-1 ...	ONEWATER MARINE INC			266,000	8,988	33,789	8,988	10,999				1,381		1,381		03/19/2021	
68287N-10-0 ...	ONESPAN INC			1,227,000	13,153	10,720	13,153	21,352				(577)		(577)		06/26/2015	
683344-10-5 ...	ONTO INNOVATION INC			1,345,000	205,651	152,900	205,651	30,908				114,069		114,069		06/24/2022	
68339B-10-4 ...	ON24 INC			678,000	5,343	7,881	5,343	21,723		739		(509)		(509)		09/17/2021	
683416-10-1 ...	OOMA INC			661,000	7,093	10,731	7,093	5,552				(1,910)		(1,910)		06/23/2017	
683712-10-3 ...	OPENDOOR TECHNOLOGIES INC			15,891,000	71,192	4,480	71,192	142,938				38,343		38,343		06/23/2023	
68373J-10-4 ...	OPEN LENDING CORP			3,011,000	25,624	8,510	25,624	127,780				5,299		5,299		06/25/2021	
68375N-10-3 ...	OPKO HEALTH INC			13,300,000	20,083	1,510	20,083	74,001				3,458		3,458		06/24/2016	
68389X-10-5 ...	ORACLE CORP			39,796,000	4,195,692	105,430	4,195,692	984,833		59,520		928,999		928,999		12/15/2023	
68401U-20-4 ...	OPTIMIZERX CORP			578,000	8,271	14,310	8,271	9,363				(1,439)		(1,439)		06/28/2019	
68404L-20-1 ...	OPTION CARE HEALTH INC			3,932,000	132,469	33,690	132,469	90,089				14,155		14,155		06/24/2021	
68554V-10-8 ...	ORASURE TECHNOLOGIES INC			2,181,000	17,884	8,200	17,884	26,856				7,372		7,372		06/23/2017	
68571X-10-3 ...	ORCHID ISLAND CAPITAL INC			0	0	0	0			103						12/20/2022	
68571X-30-1 ...	ORCHID ISLAND CAPITAL INC			651,000	5,488	8,430	5,488	19,439	78	1,172		(1,348)		(1,348)		08/31/2022	
68621F-10-2 ...	ORGANOGENESIS HOLDINGS INC			1,103,000	4,511	4,090	4,511	19,947				1,544		1,544		06/25/2021	
68621T-10-2 ...	ORIGIN BANCORP INC			588,000	20,204	35,570	20,204	23,502		341		(642)		(642)		06/22/2018	
68622D-10-6 ...	ORIGIN MATERIALS INC			2,691,000	2,250	0,836	2,250	14,181				(10,155)		(10,155)		06/24/2022	
68622V-10-6 ...	ORGANON & CO			5,283,000	76,181	14,420	76,181	109,422		5,917		(71,373)		(71,373)		06/24/2022	
68629Y-10-3 ...	ORION OFFICE REIT INC			1,597,000	9,135	5,720	9,135	24,531	160	639		(4,504)		(4,504)		11/15/2021	
686688-10-2 ...	ORMAT TECHNOLOGIES INC			1,235,000	93,601	75,790	93,601	51,451				(13,202)		(13,202)		06/25/2021	
687380-10-5 ...	ORRSTOWN FINL SERVICES INC			297,000	8,762	29,502	8,762	5,330		238		1,883		1,883		06/24/2016	
68752L-10-0 ...	ORTHOPEDIATRICS CORP			357,000	11,606	32,510	11,606	15,415				(2,578)		(2,578)		06/25/2021	
68752M-10-8 ...	ORTHOFIX MEDICAL INC			945,000	12,739	13,480	12,739	39,125				(10,312)		(10,312)		01/05/2023	
687793-10-9 ...	OSCAR HEALTH INC CLASS A			3,765,000	34,450	9,150	34,450	16,640				25,188		25,188		06/24/2022	
688239-20-1 ...	OSHKOSH CORP			1,610,000	174,540	108,410	174,540	48,488		2,640		32,554		32,554		06/24/2011	
68902V-10-7 ...	OTIS WORLDWIDE CORP			10,562,000	944,982	89,470	944,982	277,741		13,836		117,872		117,872		06/25/2021	

E12.36

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
689648-10-3 ...	OTTER TAIL CORP			920,000	78,172	84,970	78,172	21,406		1,610		24,159		24,159	06/24/2005		
69007J-10-6 ...	OUTFRONT MEDIA INC			2,970,000	41,461	13,960	41,461	72,921		3,564		(7,781)		(7,781)	06/22/2018		
690145-10-7 ...	OUTSET MEDICAL INC			1,325,000	7,168	5,410	7,168	68,164				(27,043)		(27,043)	06/25/2021		
690370-10-1 ...	OVERSTOCK.COM INC			1,209,000	33,477	27,690	33,477	53,361				10,071		10,071	09/17/2021		
690470-10-2 ...	OVINTIV INC			6,170,000	270,986	43,920	270,986	73,783		7,096		(41,894)		(41,894)	06/25/2021		
690732-10-2 ...	OWENS & MINOR INC			2,217,000	42,722	19,270	42,722	32,326				(576)		(576)	06/23/2017		
690742-10-1 ...	OWENS CORNING INC			2,390,000	354,270	148,230	354,270	78,316		4,971		150,403		150,403	06/25/2010		
691497-30-9 ...	OXFORD INDUSTRIES INC			274,000	27,400	100,000	27,400	3,833			685	1,869		1,869	12/17/2002		
693186-10-6 ...	PBF ENERGY INC			2,663,000	117,065	43,960	117,065	27,707		2,264		8,468		8,468	09/20/2021		
69318J-10-0 ...	PC CONNECTION INC			430,000	28,900	67,209	28,900	28,900		138		5,733		8,733	06/28/2013		
693282-10-5 ...	PDF SOLUTIONS INC			1,181,000	37,957	32,140	37,957	5,773				4,275		4,275	06/25/2010		
69331C-10-8 ...	PG&E CORP			52,564,000	947,729	18,030	947,729	655,293	526	526		80,250		80,250	12/15/2023		
69336V-10-1 ...	PGT INC			1,847,000	75,173	40,700	75,173	18,243				42,001		42,001	06/26/2015		
69343T-10-7 ...	PJT PARTNERS INC			727,000	74,059	101,869	74,059	18,107		727		20,487		20,487	06/24/2016		
693475-10-5 ...	PNC FINANCIAL SERVICES GRP INC			10,369,000	1,605,640	154,850	1,605,640	1,332,284		63,251		(32,040)		(32,040)	02/26/2010		
69349H-10-7 ...	PNM RESOURCES INC			2,769,000	115,190	41,600	115,190	97,838		2,818		(14,950)		(14,950)	12/15/2023		
693506-10-7 ...	PPG INDUSTRIES INC			5,966,000	892,215	149,550	892,215	153,542		15,154		142,050		142,050	03/05/2004		
69351T-10-6 ...	PPL CORP			19,459,000	527,339	27,100	527,339	467,726	4,670	18,414		(41,253)		(41,253)	06/26/2020		
69353Y-10-3 ...	PMV PHARMACEUTICALS INC			754,000	2,337	3,099	2,337	29,539		(4,222)		(4,222)		(4,222)	06/25/2021		
69354N-10-6 ...	PORTFOLIO RECOVERY ASSOCIATES			684,000	17,921	26,200	17,921	23,349				(5,185)		(5,185)	06/26/2015		
693656-10-0 ...	PHILLIPS-VAN HEUSEN CORP			1,672,000	204,185	122,120	204,185	27,550		251		86,158		86,158	09/18/2020		
69366J-20-0 ...	PTC THERAPEUTICS INC			2,011,000	55,423	27,560	55,423	46,559				(21,337)		(21,337)	06/28/2019		
69370C-10-0 ...	PARAMETRIC TECHNOLOGY CORP			2,773,000	485,164	174,960	485,164	53,063				152,293		152,293	06/23/2017		
693718-10-8 ...	PACCAR INC			13,315,000	1,300,210	97,650	1,300,210	112,544	42,608	55,668		421,686		421,686	02/07/2023		
69376K-10-6 ...	P10 INC			1,141,000	11,661	10,220	11,661	12,436		74		(775)		(775)	06/23/2023		
69404D-10-8 ...	PACIFIC BIOSCIENCES CALIF INC			5,816,000	57,055	9,810	57,055	68,256				9,480		9,480	06/25/2021		
69478X-10-5 ...	PACIFIC PREMIER BANCORP INC			2,232,000	64,974	29,110	64,974	48,784		2,946		(5,468)		(5,468)	06/02/2020		
695127-10-0 ...	PACIRA PHARMACEUTICALS INC			1,343,000	45,313	33,740	45,313	61,973				(6,540)		(6,540)	06/23/2017		
695156-10-9 ...	PACKAGING CORP OF AMERICA			2,168,000	353,189	162,910	353,189	47,629	2,710	10,549		75,880		75,880	06/28/2013		
69526K-10-5 ...	PACTIV EVERGREEN INC			728,000	9,981	13,710	9,981	12,197		291		1,711		1,711	12/18/2020		
69553P-10-0 ...	PAGERDUTY INC			2,372,000	54,912	23,150	54,912	65,206				(8,089)		(8,089)	06/25/2021		
69608A-10-8 ...	PALANTIR TECHNOLOGIES INC			48,659,000	835,475	17,170	835,475	1,253,166				523,084		523,084	06/24/2022		
697435-10-5 ...	PALO ALTO NETWORKS INC			2,380,000	2,279,422	294,880	2,279,422	371,255				346,427		346,427	09/15/2023		
69753M-10-5 ...	PALOMAR HOLDINGS INC			682,000	37,851	55,500	37,851	55,500				7,052		7,052	06/25/2021		
698813-10-2 ...	PAPA JOHN'S INTERNATIONAL INC			1,035,000	78,898	76,230	78,898	60,996		1,822		(6,293)		(6,293)	06/26/2020		
698884-10-3 ...	PAR TECHNOLOGY CORP			675,000	29,390	43,541	29,390	30,780				11,792		11,792	06/25/2021		
69888T-20-7 ...	PAR PETROLEUM CORP			1,291,000	46,954	36,370	46,954	22,682				16,938		16,938	09/14/2016		
69913P-10-5 ...	PARAGON 28 INC			1,177,000	14,630	12,430	14,630	19,561				(7,862)		(7,862)	06/24/2022		
69924R-10-8 ...	PARAMOUNT GROUP INC			4,579,000	23,673	5,170	23,673	70,106	160	835		(3,526)		(3,526)	06/25/2021		
70014A-10-4 ...	PARK AEROSPACE CORP			1,260,000	11,260	14,700	11,260	14,687		1,130		988		988	12/17/2002		
700517-10-5 ...	PARK HOTELS & RESORTS INC			4,924,000	75,337	15,300	75,337	136,035	739	2,318		17,283		17,283	09/18/2019		
700658-10-7 ...	PARK NATIONAL CORP			529,000	70,283	132,860	70,283	47,532		2,222		(4,174)		(4,174)	04/01/2005		
701094-10-4 ...	PARKER HANNIFIN CORP			3,330,000	1,534,131	460,700	1,534,131	93,005		19,214		565,101		565,101	11/26/2003		
70202L-10-2 ...	PARSONS CORP			1,095,000	68,667	62,710	68,667	45,572				17,415		17,415	06/23/2023		
703343-10-3 ...	PATRICK INDUSTRIES INC			454,000	45,559	100,350	45,559	24,444		863		18,047		18,047	06/24/2022		
703395-10-3 ...	PATTERSON COS INC			1,971,000	56,075	28,450	56,075	74,343		2,050		828		828	09/17/2021		

E12.37

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1	2	Codes		5	6	Fair Value		9	Dividends			Change in Book/Adjusted Carrying Value				17	18
		3	4			7	8		10	11	12	13	14	15	16		
CUSIP Identification	Description	Code	Foreign	Number of Shares	Book/Adjusted Carrying Value	Rate Per Share Used to Obtain Fair Value	Fair Value	Actual Cost	Declared but Unpaid	Amount Received During Year	Nonadmitted Declared But Unpaid	Unrealized Valuation Increase/ (Decrease)	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (13 - 14)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Date Acquired	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
703481-10-1	PATTERSON-UTI ENERGY INC			7,160,000	77,328	10.800	77,328	87,869		1,677		(19,745)		(19,745)		09/01/2023	
704326-10-7	PAYCHEX INC			8,162,000	972,176	119.110	972,176	249,807		28,241		28,975		28,975		06/24/2016	
70432V-10-2	PAYCOM SOFTWARE INC			1,327,000	274,317	206.720	274,317	53,538		1,493		(137,464)		(137,464)		06/23/2017	
70435P-10-2	PAYCOM HCM INC			1,163,000	25,109	21.590	25,109	33,972				(3,349)		(3,349)		06/24/2022	
70438V-10-6	PAYLOCITY HOLDING CORP			1,125,000	185,456	164.850	185,456	50,502				(33,086)		(33,086)		06/26/2020	
70450Y-10-3	PAYPAL HOLDINGS INC			28,555,000	1,753,563	61.410	1,753,563	852,929				(280,125)		(280,125)		06/22/2018	
70451X-10-4	PAYONEER GLOBAL INC			5,249,000	27,347	5.210	27,347	21,992				(1,365)		(1,365)		06/24/2022	
704551-10-0	PEABODY ENERGY CORP			3,255,000	79,162	24.320	79,162	41,956		732		(6,836)		(6,836)		06/24/2022	
704699-10-7	PEAPACK GLADSTONE FINANCIAL CO			642,000	19,144	29.819	19,144	11,718		128		(4,751)		(4,751)		06/23/2017	
70509V-10-0	PEBBLEBROOK HOTEL TRUST			4,334,000	69,257	15.980	69,257	133,258	43	173		11,225		11,225		11/26/2018	
705573-10-3	PEGASYS INC			1,232,000	60,196	48.860	60,196	17,431	37	148		18,012		18,012		06/24/2022	
70614H-10-0	PELETON INTERACTIVE INC A			8,335,000	50,760	6.090	50,760	860,324				(15,420)		(15,420)		06/24/2022	
707569-10-9	PENN NATIONAL GAMING INC			3,518,000	91,538	26.020	91,538	112,945				(12,946)		(12,946)		09/20/2021	
70805E-10-9	PENNAINT GROUP INC THE			942,000	13,113	13.920	13,113	1,142				2,769		2,769		10/01/2019	
708430-10-3	PENNS WOODS BANCORP INC			917,000	20,642	22.510	20,642	23,831		587		(3,190)		(3,190)		06/23/2023	
70931T-10-3	PENNYMAC MORTGAGE INVESTMENT			15,000	224	14.933	224	270	6	(1,011)		38		38		06/26/2015	
70932M-10-7	PENNYMAC FINANCIAL SERVICE			750,000	66,278	88.371	66,278	45,408		600		23,783		23,783		12/17/2021	
70959H-10-3	PENSKE AUTO GROUP INC			633,000	101,603	160.510	101,603	31,768		1,760		28,852		28,852		06/22/2018	
70975L-10-7	PENUMBRA INC			903,000	227,141	251.540	227,141	72,774				26,259		26,259		06/24/2022	
709789-10-1	PEOPLES BANCORP INC			868,000	29,304	33.760	29,304	21,819		1,345		4,783		4,783		09/20/2021	
711040-10-5	PEOPLES FINANCIAL SERVICES			333,000	16,217	48.700	16,217	16,452		546		(1,046)		(1,046)		06/27/2014	
713448-10-8	PEPSICO INC			35,369,000	6,007,071	169.840	6,007,071	1,281,940	44,742	171,411		(381,781)		(381,781)		03/17/2023	
71363P-10-6	PERDOCO EDUCATION CORP			2,656,000	46,639	17.560	46,639	68,120		584		9,721		9,721		06/24/2011	
71367G-10-2	PERELLA WEINBERG PARTNERS			745,000	9,111	12.230	9,111	4,924		209		1,810		1,810		06/24/2022	
71375U-10-1	PERFICIENT INC			814,000	53,577	65.819	53,577	19,896				(3,264)		(3,264)		06/24/2022	
71377A-10-3	PERFORMANCE FOOD GROUP CO			4,036,000	279,089	69.150	279,089	135,000				43,427		43,427		09/02/2021	
714046-10-9	PERKINELMER INC			3,296,000	360,286	109.310	360,286	166,315		923		(101,879)		(101,879)		12/17/2021	
71424F-10-5	PERMIAN RESOURCES CORP			5,025,000	92,316	13.601	92,316	39,428		2,071		21,106		21,106		03/18/2022	
71601V-10-5	PETCO HEALTH AND WELLNESS CO			1,980,000	6,257	3.160	6,257	45,675				(12,514)		(12,514)		06/25/2021	
716382-10-6	PETMED EXPRESS INC			765,000	5,783	7.559	5,783	8,387		689		(7,757)		(7,757)		06/30/2006	
71639T-10-6	PETIQ INC			619,000	12,225	19.750	12,225	18,564				6,518		6,518		06/26/2020	
717081-10-3	PFIZER INC			145,817,000	4,198,071	28.790	4,198,071	4,637,715		239,140		(3,273,592)		(3,273,592)		12/16/2022	
71722W-10-7	PHATHOM PHARMACEUTICALS INC			575,000	5,250	9.130	5,250	20,271				(1,202)		(1,202)		06/25/2021	
717420-10-6	PHIBRO ANIMAL HEALTH CORP			720,000	8,338	11.581	8,338	16,303		346		(1,318)		(1,318)		06/23/2017	
718172-10-9	PHILIP MORRIS INTERNATIONAL			39,863,000	3,750,311	94.080	3,750,311	834,305	51,822	201,057		(284,223)		(284,223)		03/20/2020	
71844V-20-1	PHILLIPS EDISON & COMPANY INC			2,989,000	109,039	36.480	109,039	96,634	291	3,397		13,869		13,869		03/18/2022	
718546-10-4	PHILLIPS 66			11,481,000	1,528,580	133.140	1,528,580	286,721		48,220		333,638		333,638		06/24/2022	
71880K-10-1	PHINIA INC			1,246,000	37,741	30.290	37,741	9,505		623		28,236		28,236		07/05/2023	
719405-10-2	PHOTONICS INC			1,824,000	57,219	31.370	57,219	45,026				26,521		26,521		06/24/2011	
71943U-10-4	PHYSICIANS REALTY TRUST			5,940,000	79,061	13.310	79,061	103,843		5,465		(6,890)		(6,890)		06/23/2017	
71944F-10-6	PHREESIA INC			1,246,000	28,845	23.150	28,845	45,241				(11,476)		(11,476)		09/17/2021	
72016P-10-5	PIEDMONT LITHIUM INC			464,000	13,099	28.231	13,099	19,321				(7,327)		(7,327)		06/24/2022	
720190-20-6	PIEDMONT OFFICE REALTY TRUST			3,343,000	23,769	7.110	23,769	60,943	418	2,240		(6,887)		(6,887)		09/18/2020	
72147K-10-8	PILGRIMS PRIDE CORP			1,486,000	41,103	27.660	41,103	23,909				5,840		5,840		09/18/2020	
72346Q-10-4	PINNACLE FINANCIAL PARTNER INC			1,942,000	169,381	87.220	169,381	77,242		1,709		26,838		26,838		06/22/2018	
723484-10-1	PINNACLE WEST CAPITAL CORP			2,918,000	209,629	71.840	209,629	136,197		10,140		(12,256)		(12,256)		06/24/2022	

E12.38

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1	2	Codes		5	6	Fair Value		9	Dividends			Change in Book/Adjusted Carrying Value				17	18
		3	4			7	8		10	11	12	13	14	15	16		
CUSIP Identification	Description	Code	Foreign	Number of Shares	Book/Adjusted Carrying Value	Rate Per Share Used to Obtain Fair Value	Fair Value	Actual Cost	Declared but Unpaid	Amount Received During Year	Nonadmitted Declared But Unpaid	Unrealized Valuation Increase/ (Decrease)	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (13 - 14)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Date Acquired	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
72352L-10-6	PINTEREST INC CLASS A			15,037.000	556,970	37.040	556,970	552,431				189,627		189,627		03/17/2023	
723787-10-7	PIONEER NATURAL RESOURCES CO			6,067.000	1,364,347	224.880	1,364,347	810,189		84,695		(21,295)		(21,295)		06/24/2022	
724078-10-0	PIPER JAFFRAY COMPANIES			553.000	96,703	174.870	96,703			2,018		24,708		24,708		12/15/2023	
724479-10-0	PITNEY BOWES INC			5,559.000	24,460	4.400	24,460	187,631		1,112		3,335		3,335		06/24/2016	
72703H-10-1	PLANET FITNESS INC			2,512.000	183,376	73.000	183,376	60,911				(14,570)		(14,570)		06/23/2017	
72703X-10-6	PLANET LABS PBC			3,913.000	9,665	2.470	9,665	18,781				(7,356)		(7,356)		06/24/2022	
72815G-10-8	PLAYSTUDIOS INC			2,020.000	5,474	2.710	5,474	10,948				(2,363)		(2,363)		06/24/2022	
72815L-10-7	PLAYTIKA HOLDING CORP			2,676.000	23,335	8.720	23,335	69,523				562		562		09/17/2021	
728RGT-01-0	PLBY GROUP INC RIGHTS			0.000	0.000	0.000	0.000					14,772		14,772		06/25/2021	
72913Z-10-0	PLEXUS CORP			884.000	95,587	108.130	95,587	25,542				4,597		4,597		06/27/2008	
729139-10-5	PLIANT THERAPEUTICS INC			1,499.000	27,147	18.110	27,147	31,237				(4,090)		(4,090)		06/23/2023	
72919P-20-2	PLUG POWER INC			13,876.000	62,442	4.500	62,442	202,600				(109,204)		(109,204)		06/25/2021	
729273-10-2	PLUMAS BANCORP			38,166	923,000	41.350	38,166	36,772				1,394		1,394		12/15/2023	
729640-10-2	PLYMOUTH INDUSTRIAL REIT INC			628.000	15,116	24.070	15,116	10,424	141	565		3,071		3,071		03/19/2021	
731068-10-2	POLARIS INDUSTRIES INC			1,319.000	125,002	94.770	125,002	32,860		3,429		8,217		(8,217)		06/22/2018	
73278L-10-5	POOL CORP			1,019.000	406,285	398.710	406,285	35,749				98,211		98,211		06/23/2017	
733174-70-0	POPULAR INC			2,126.000	174,481	82.070	174,481	64,207	1,318	4,226		33,485		33,485		06/23/2017	
73642K-10-6	PORTILLOS INC			417.000	6,643	15.930	6,643	13,233				(163)		(163)		12/17/2021	
736508-84-7	PORTLAND GENERAL ELECTRIC CO			2,243.000	97,212	43.340	97,212	54,092	1,065	4,211		(12,695)		(12,695)		06/23/2017	
73730P-10-8	POSEIDA THERAPEUTICS INC			10,461.000	35,149	3.360	35,149	24,582				10,567		10,567		06/23/2023	
737446-10-4	POST HOLDINGS INC			1,410.000	124,165	88.060	124,165	45,812				(3,102)		(3,102)		06/23/2017	
737630-10-3	POTLATCH CORP			1,831.000	89,902	49.100	89,902	59,717		3,296		9,356		9,356		09/15/2022	
739128-10-6	PONELL INDUSTRIES INC			416.000	36,774	88.389	36,774	19,685		437		22,140		22,140		06/27/2014	
739276-10-3	POWER INTEGRATIONS INC			1,334.000	109,535	82.110	109,535	22,919		1,027		13,860		13,860		06/23/2017	
73939C-10-6	POWERSCHOOL HOLDINGS INC			2,290.000	53,952	23.560	53,952	57,561				(1,927)		(1,927)		12/15/2023	
74017N-10-5	PRECIGEN INC			2,435.000	3,263	1.340	3,263	7,193				(438)		(438)		03/20/2020	
740367-40-4	PREFERRED BANK LOS ANGELES CA			510.000	37,256	73.051	37,256	6,628		1,122		(801)		(801)		06/22/2012	
740444-10-4	PREFORMED LINE PRODUCTS CO			96.000	12,851	133.865	12,851	4,344		77		4,855		4,855		06/26/2009	
74051N-10-2	PREMIER INC			2,266.000	50,668	22.360	50,668	81,242		1,903		(28,597)		(28,597)		06/24/2022	
74052F-10-8	PREMIER FINANCIAL CORP			446.000	10,749	24.101	10,749	10,796		553		(1,280)		(1,280)		06/24/2022	
74112D-10-1	PRESTIGE BRANDS HOLDINGS INC			1,585.000	97,034	61.220	97,034	24,754				(2,187)		(2,187)		06/24/2011	
74144T-10-8	PRICE T ROWE GROUP INC			5,904.000	635,802	107.690	635,802	159,932		28,192		(7,393)		(7,393)		06/23/2023	
741511-10-9	PRICESMART INC			820.000	62,140	75.780	62,140	66,967		754		12,300		12,300		06/22/2018	
74158E-10-4	PRIMEENERGY RESOURCES CORP			2,260.000	27,651	106.350	27,651	24,361				3,290		3,290		06/23/2023	
74164F-10-3	PRIMORIS SERVICES CORP			1,452.000	48,221	33.210	48,221	14,492	87	348		16,364		16,364		06/24/2016	
74164M-10-8	PRIMERICA INC			1,013.000	208,435	205.760	208,435	40,292		2,634		64,771		64,771		06/24/2016	
74167B-10-9	PRIMIS FINANCIAL CORP			454.000	5,748	12.661	5,748	5,357				368		368		03/31/2021	
74168J-10-1	PRIME MEDICINE INC			1,074.000	9,516	8.860	9,516	16,109				(6,593)		(6,593)		06/23/2023	
74251V-10-2	PRINCIPAL FINANCIAL GROUP INC			6,488.000	510,411	78.670	510,411	152,134		16,869		(34,062)		(34,062)		06/22/2018	
74267C-10-6	PROASSURANCE CORP			1,956.000	26,973	13.790	26,973	68,853		98		(7,198)		(7,198)		06/23/2017	
742718-10-9	PROCTER & GAMBLE CO			60,722.000	8,898,202	146.540	8,898,202	2,705,341		223,909		(299,837)		(299,837)		12/15/2023	
74275K-10-8	PROCORE TECHNOLOGIES INC			1,856.000	128,472	69.220	128,472	141,344				40,906		40,906		06/24/2022	
74276L-10-5	PROCEPT BIOROBOTICS CORP			28,080.000	670,000	41.910	670,000	22,712				248		248		06/24/2022	
74276R-10-2	PRIVIA HEALTH GROUP INC			2,886.000	66,465	23.030	66,465	80,512				1,224		1,224		12/15/2023	
74319R-10-1	PROG HOLDINGS INC			750.000	23,183	30.911	23,183	23,946				10,515		10,515		12/01/2020	
743312-10-0	PROGRESS SOFTWARE CORP			1,155.000	62,717	54.300	62,717	30,109		809		4,447		4,447		06/23/2017	

E12.39

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1	2	Codes		5	6	Fair Value		9	Dividends			Change in Book/Adjusted Carrying Value				17	18
		3	4			7	8		10	11	12	13	14	15	16		
CUSIP Identification	Description	Code	Foreign	Number of Shares	Book/Adjusted Carrying Value	Rate Per Share Used to Obtain Fair Value	Fair Value	Actual Cost	Declared but Unpaid	Amount Received During Year	Nonadmitted Declared But Unpaid	Unrealized Valuation Increase/ (Decrease)	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (13 - 14)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Date Acquired	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
743315-10-3	PROGRESSIVE CORP THE			14,925.000	2,377,254	159.280	2,377,254	320,377		5,970		441,332		441,332		06/24/2016	
74340E-10-3	PROGNYN INC			1,851.000	68,820	37.180	68,820	82,369				11,162		11,162		06/25/2021	
74340W-10-3	PROLOGIS INC			23,675.000	3,155,878	133.300	3,155,878	785,296		82,389		486,995		486,995		10/03/2022	
74346Y-10-3	PROS HOLDINGS INC			1,099.000	42,630	38.790	42,630	14,792				15,968		15,968		06/24/2011	
74347M-10-8	PROPETRO HOLDING CORP			2,609.000	21,863	8.380	21,863	38,058				(5,192)		(5,192)		06/22/2018	
743606-10-5	PROSPERITY BANCSHARES INC			2,597.000	175,895	67.730	175,895	146,162	1,454	5,739		(12,855)		(12,855)		11/01/2019	
74365A-30-9	PROTALIX BIOTHERAPEUTICS INC			11,062.000	19,690	1.780	19,690	24,778				(5,087)		(5,087)		06/23/2023	
74366E-10-2	PROTAGONIST THERAPEUTICS INC			1,206.000	27,654	22.930	27,654	25,313				14,496		14,496		06/25/2021	
743713-10-9	PROTO LABS INC			784.000	30,545	38.960	30,545	53,786				10,529		10,529		06/27/2014	
74386T-10-5	PROVIDENT FINANCIAL SRVCS INC			1,243.000	22,411	18.030	22,411	22,052		1,193		(4,139)		(4,139)		06/25/2004	
744320-10-2	PRUDENTIAL FINANCIAL INC			9,354.000	970,103	103.710	970,103	366,369		46,770		39,755		39,755		08/31/2009	
744413-10-5	P3 HEALTH PARTNERS INC			5,953.000	8,394	1.410	8,394	20,002				(11,608)		(11,608)		06/23/2023	
744573-10-6	PUBLIC SERVICE ENTERPRISE GRP			12,593.000	770,062	61.150	770,062	256,851		28,712		(1,511)		(1,511)		06/24/2016	
74460D-10-9	PUBLIC STORAGE CO			4,048.000	1,234,640	305.000	1,234,640	224,169		48,576		100,431		100,431		06/24/2016	
74467Q-10-3	PUBMATIC INC CLASS A			1,094.000	17,843	16.310	17,843	19,647				3,829		3,829		06/24/2022	
745848-10-1	PULLMONX CORP			711.000	9,065	12.750	9,065	34,441				3,072		3,072		06/25/2021	
745867-10-1	PULTE HOMES INC			5,514.000	569,155	103.220	569,155	63,921	1,103	3,610		318,103		318,103		06/28/2013	
74587B-10-1	PULSE BIOSCIENCES INC			324.000	3,966	12.241	3,966	2,073				1,892		1,892		06/23/2023	
7459GT-02-7	PULSE BIOSCIENCES INC RIGHTS			438.000		0.231										04/25/2022	
746228-30-3	PURE CYCLE CORP			626.000	6,554	10.470	6,554	4,569				(6)		(6)		06/23/2017	
74624M-10-2	PURE STORAGE INC			6,847.000	244,164	35.660	244,164	130,633				60,938		60,938		06/24/2022	
74640Y-10-6	PURPLE INNOVATION INC			1,386.000	1,428	1.030	1,428	27,077		1		(5,211)		(5,211)		06/25/2021	
74727A-10-4	QCR HOLDINGS INC			472.000	27,560	58.390	27,560	12,016	28	113		4,130		4,130		06/24/2016	
747316-10-7	QUAKER CHEMICAL CORP			452.000	96,466	213.420	96,466	12,066		796		21,027		21,027		06/27/2008	
74736K-10-1	QORVO INC			2,369.000	266,773	112.610	266,773	145,328				52,047		52,047		12/18/2018	
74736L-10-9	Q2 HOLDINGS INC			1,569.000	68,110	43.410	68,110	59,519				25,951		25,951		06/26/2020	
747525-10-3	QUALCOMM INC			28,692.000	4,149,724	144.630	4,149,724	718,085		90,380		995,325		995,325		06/22/2012	
74758T-30-3	QUALYS INC			889.000	174,493	196.280	174,493	27,358				74,720		74,720		06/23/2017	
747619-10-4	QUANEX BUILDING PRODUCTS CORP			905.000	27,666	30.570	27,666	14,127		290		6,235		6,235		04/24/2008	
74762E-10-2	QUANTA SERVICES INC			3,682.000	794,576	215.800	794,576	101,829	331	1,178		269,891		269,891		09/18/2020	
74765K-10-5	QUANTUM SI INC			2,497.000	5,019	2.010	5,019	7,216				449		449		06/24/2022	
74766Q-10-1	QUANTERIX CORP			914.000	24,989	27.340	24,989	46,860				12,330		12,330		06/25/2021	
74767V-10-9	QUANTUMSCAPE CORP			7,090.000	49,276	6.950	49,276	181,739				9,075		9,075		12/17/2021	
74834L-10-0	QUEST DIAGNOSTICS INC			2,885.000	397,784	137.880	397,784	24,420		8,049		(53,546)		(53,546)		07/29/2011	
74874Q-10-0	QUINSTREET INC			1,192.000	15,281	12.820	15,281	14,764				(1,824)		(1,824)		06/24/2011	
74930B-10-5	RBB BANCORP			475.000	9,044	19.040	9,044	15,712				(860)		(860)		06/22/2018	
74934Q-10-8	RCTI HOSPITALITY HOLDINGS INC			330.000	21,866	66.261	21,866	7,563				(8,887)		(8,887)		06/23/2017	
749527-10-7	REV GROUP INC			432.000	7,849	18.169	7,849	12,605	22	86		2,398		2,398		06/23/2017	
749607-10-7	RLI CORP			1,004.000	133,652	133.120	133,652	35,056		3,082		1,857		1,857		06/28/2013	
74965L-10-1	RLJ LODGING TRUST			2,146.000	25,151	11.720	25,151	39,236	215	612		2,425		2,425		06/24/2022	
74966Q-10-6	RPC INC			2,256.000	16,424	7.280	16,424	1,781		361		(3,632)		(3,632)		12/17/2002	
74967R-10-6	RMR GROUP INC			283.000	7,989	28.230	7,989	4,692		453		(6)		(6)		12/15/2015	
74967X-10-3	RESTORATION HARDWARE HOLDING			507.000	147,780	291.479	147,780	90,798				12,315		12,315		06/25/2021	
749685-10-3	RPMI INTERNATIONAL INC			3,225.000	360,007	111.630	360,007	43,091		5,547		45,731		45,731		03/05/2004	
74971D-10-1	RPT REALTY			1,611.000	20,669	12.830	20,669	17,507		990		4,495		4,495		06/24/2022	
74982T-10-3	RXO INC			2,690.000	62,569	23.260	62,569	24,641				16,301		16,301		11/01/2022	

E12.40

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Desig- nation, NAIC Desig- nation Modifier and SVO Admini- strative Symbol
		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
750236-10-1	RADIAN GROUP INC			4,226,000	120,652	28,550	120,652	56,421		3,803		40,062		40,062		09/18/2020	
75025X-10-0	RADIANT LOGISTICS INC			1,449,000	9,621	6,640	9,621	9,176				2,246		2,246		06/23/2017	
750491-10-2	RADNET INC			1,510,000	52,503	34,770	52,503	10,084				24,069		24,069		06/27/2014	
750917-10-6	RAMBUS INC			2,675,000	182,569	68,250	182,569	42,852				86,750		86,750		06/23/2017	
75120L-10-0	RALLYBIO CORP			3,157,000	7,545	2,390	7,545	25,696				(18,151)		(18,151)		06/23/2023	
751212-10-1	RALPH LAUREN CORP			1,110,000	160,062	144,200	160,062	50,649	833	3,330		42,768		42,768		06/26/2015	
75134P-30-3	RAMACO RESOURCES INC				646,000		646,000	7,410				4,787		4,787		06/24/2022	
75134P-50-1	RAMACO RESOURCES INC				128,000	1,704	1,704	1,627			53	76		76		06/22/2023	
75134P-60-0	RAMACO RESOURCES INC				646,000	11,098	11,098	7,207				3,891		3,891		06/22/2023	
75281A-10-9	RANGE RESOURCES CORP			5,850,000	178,074	30,440	178,074	188,743		1,872		31,707		31,707		06/25/2021	
75321W-10-3	RANPAK HOLDINGS CORP				821,000	4,778	4,778	17,125				41		41		03/19/2021	
753422-10-4	RAPID7 INC			1,695,000	96,785	57,100	96,785	65,175				39,188		39,188		06/28/2019	
75382E-10-9	RAPT THERAPEUTICS INC				524,000	13,021	13,021	15,685				2,646		2,646		06/25/2021	
754730-10-9	RAYMOND JAMES FINANCIAL INC			5,061,000	537,988	111,495	537,988	72,958	2,383	8,222		47,377		47,377		06/28/2022	
754907-10-3	RAYONIER INC			3,743,000	125,054	33,410	125,054	54,584	749	5,016		1,684		1,684		06/25/2021	
75508B-10-4	RAYONIER ADVANCED MATERIALS				1,744,000	7,063	4,050	13,962				(9,679)		(9,679)		06/30/2014	
75513E-10-1	RAYTHEON TECHNOLOGIES CORP			37,101,000	3,121,678	84,140	3,121,678	981,605			86,074	(622,555)		(622,555)		06/25/2021	
75524B-10-4	RBC BEARINGS INC				672,000	191,446	191,446	33,304				50,763		50,763		06/23/2017	
75524W-10-8	RE/MAX HOLDINGS INC				732,000	9,758	13,331	25,710		505		(3,887)		(3,887)		06/24/2016	
75525N-10-7	RAYZEBIO INC				517,000	32,142	32,142	13,644				18,498		18,498		12/15/2023	
75574U-10-1	READY CAPITAL CORP REIT				3,562,000	36,511	10,250	60,470	1,069	3,674		(19,773)		(19,773)		05/31/2023	
75605Y-10-6	REALOGY HOLDINGS CORP				3,279,000	26,593	8,110	113,050				5,640		5,640		06/25/2021	
756109-10-4	REALTY INCOME CORP			18,682,000	1,072,720	57,420	1,072,720	957,003	4,792	53,631		(103,441)		(103,441)		12/15/2023	
75629V-10-4	RECURSION PHARMACEUTICALS				6,975,000	68,774	9,860	68,774	103,837			7,572		7,572		12/15/2023	
75686R-20-2	RED RIVER BANCSHARES INC				192,000	10,773	56,109	10,941			61			970		06/24/2022	
75700L-10-8	RED ROCK RESORTS INC				925,000	49,330	53,330	49,330	9,481		925	12,321		12,321		06/26/2020	
75737F-10-8	REDFIN CORP			3,100,000	31,992	10,320	31,992	65,230				18,848		18,848		06/28/2019	
758075-40-2	REDWOOD TRUST INC				2,761,000	20,459	7,410	36,650			1,960	1,795		1,795		12/17/2021	
758750-10-3	REGAL-BELOIT CORP			1,690,000	250,154	148,020	250,154	75,631	592	2,298		47,388		47,388		10/05/2021	
758849-10-3	REGENCY CENTERS CORP				4,630,000	310,210	67,000	310,210	222,152	3,102	11,232	24,835		24,835		08/18/2023	
75886F-10-7	REGENERON PHARMACEUTICALS INC			2,669,000	2,344,156	878,290	2,344,156	383,362				418,499		418,499		03/18/2022	
75901B-10-7	REGENXBIO INC			1,062,000	19,063	17,950	19,063	12,047				(5,023)		(5,023)		06/23/2017	
75902K-10-6	REGIONAL MANAGEMENT CORP				383,000	9,606	25,081	9,606	9,401		460	(1,149)		(1,149)		06/23/2017	
7591EP-10-0	REGIONS FINANCIAL CORP			25,518,000	494,539	130,944	494,539	130,944	6,124	22,175		(55,629)		(55,629)		06/22/2012	
759351-60-4	REINSURANCE GROUP AMERICA INC			1,767,000	285,865	161,780	285,865	81,846		5,831		34,792		34,792		12/19/2008	
75943R-10-2	RELAY THERAPEUTICS INC				2,088,000	22,989	11,010	77,766				(8,206)		(8,206)		06/24/2022	
759509-10-2	RELIANCE STEEL & ALUMINUM CO				1,410,000	394,349	279,680	61,781		5,640		108,908		108,908		06/24/2022	
75960P-10-4	REMITLY GLOBAL INC			3,564,000	69,213	19,420	69,213	55,674				8,641		8,641		09/15/2023	
75970E-10-7	RENASANT CORP				1,629,000	54,865	33,680	54,865	33,181	358	1,434	(6,369)		(6,369)		07/01/2015	
75974E-10-3	RENEO PHARMACEUTICALS INC				3,329,000	1,600	5,326	23,468				(18,142)		(18,142)		06/23/2023	
759916-10-9	REPLIGEN CORP			1,424,000	256,035	179,800	256,035	40,732				14,938		14,938		03/20/2020	
76009N-10-0	RENT-A-CENTER INC			1,460,000	49,596	33,970	49,596	59,412	540	1,503		10,529		10,529		06/23/2023	
760281-20-4	REPUBLIC BANCORP INC				364,000	20,078	20,078	3,580		136		5,183		5,183		12/17/2002	
76029L-10-0	REPAY HOLDINGS CORP				2,014,000	17,200	17,200	50,740				987		987		06/25/2021	
76029N-10-6	REPLIMUNE GROUP INC				699,000	5,893	5,893	10,247				(13,120)		(13,120)		06/28/2019	
760759-10-0	REPUBLIC SERVICES INC			5,286,000	871,714	164,910	871,714	148,927	2,828	10,787		189,873		189,873		06/24/2016	

E12.41

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
761152-10-7	RESMED INC			3,849,000	662,105	172,020	662,105	26,474		7,082		(138,987)		(138,987)		06/30/2006	
76118Y-10-4	RESIDEO TECHNOLOGIES INC			4,524,000	85,142	18,820	85,142	29,990				10,722		10,722		10/29/2018	
76122Q-10-5	RESOURCES CONNECTION INC			1,107,000	15,686	14,170	15,686	19,056		620		(4,660)		(4,660)		06/25/2004	
76131N-10-1	RETAIL OPPORTUNITY INVESTMENTS			4,204,000	58,982	14,030	58,982	53,614	631	2,523		(4,204)		(4,204)		06/23/2017	
761330-10-9	REVANCE THERAPEUTICS INC			2,003,000	17,606	8,790	17,606	57,023				(19,369)		(19,369)		06/25/2021	
76155X-10-0	REVOLUTION MEDICINES INC			3,678,000	105,485	28,680	105,485	114,027				5,361		5,361		12/15/2023	
76156B-10-7	REVOLVE GROUP INC			1,063,000	17,625	16,580	17,625	74,300				(6,038)		(6,038)		06/25/2021	
761624-10-5	REX STORES CORP			702,000	33,205	47,301	33,205	2,370				10,839		10,839		06/26/2009	
76169C-10-0	REXFORD INDUSTRIAL REALTY INC			5,133,000	287,961	56,100	287,961	173,274	1,951	7,802		6,392		6,392		03/17/2023	
76171L-10-6	REYNOLDS CONSUMER PRODUCTS			1,260,000	33,818	26,840	33,818	35,260		1,159		(3,956)		(3,956)		03/20/2020	
76243J-10-5	RHYTHM PHARMACEUTICALS INC			1,363,000	62,657	45,970	62,657	23,771				38,886		38,886		06/23/2023	
762544-10-4	RIBBON COMMUNICATIONS INC			2,205,000	6,395	2,900	6,395	52,431				243		243		10/30/2017	
766559-60-3	RIGEL PHARMACEUTICALS INC			4,657,000	6,753	1,450	6,753	65,968				(233)		(233)		06/23/2017	
76665T-10-2	RILEY EXPLORATION PERMIAN INC			257,000	7,001	27,241	7,001	10,509		355		(563)		(563)		06/25/2021	
76674Q-10-7	RIMINI STREET INC			992,000	3,244	3,270	3,244	6,537				(536)		(536)		06/25/2021	
76680R-20-6	RINGCENTRAL INC			2,462,000	83,585	33,950	83,585	66,297				(3,570)		(3,570)		06/26/2020	
76680V-10-8	RING ENERGY INC			2,001,000	2,921	1,460	2,921	5,823				(2,001)		(2,001)		06/24/2022	
767292-10-5	RIOT BLOCKCHAIN INC			5,435,000	84,079	15,470	84,079	82,233				38,029		38,029		12/15/2023	
76954A-10-3	RIVIAN AUTOMOTIVE INC			17,252,000	404,732	23,460	404,732	741,666				61,690		61,690		09/15/2023	
770323-10-3	ROBERT HALF INTERNATIONAL INC			2,545,000	223,756	87,920	223,756	57,194		4,886		35,859		35,859		06/24/2005	
770700-10-2	ROBINHOOD MARKETS INC			15,885,000	202,375	12,740	202,375	127,072				73,071		73,071		06/24/2022	
771049-10-3	ROBLOX CORP CLASS A			11,488,000	525,231	45,720	525,231	418,369				198,283		198,283		06/24/2022	
77311W-10-1	ROCKET COS INC CLASS A			3,914,000	56,675	14,480	56,675	85,120				29,277		29,277		06/25/2021	
773122-10-6	ROCKET LAB USA INC			6,127,000	33,882	5,530	33,882	25,119				10,784		10,784		06/24/2022	
77313F-10-6	ROCKET PHARMACEUTICALS INC			1,412,000	42,318	29,970	42,318	25,314				14,685		14,685		06/28/2019	
773903-10-9	ROCKWELL AUTOMATION INC			2,948,000	915,295	310,480	915,295	96,210		14,121		155,979		155,979		03/15/2005	
774515-10-0	ROCKY BRANDS INC			110,000	3,320	30,182	3,320	6,098		68		722		722		06/25/2021	
775133-10-1	ROGERS CORP			512,000	67,620	132,070	67,620	36,290				6,518		6,518		06/24/2022	
77543R-10-2	ROKU INC			3,076,000	281,946	91,660	281,946	364,869				156,753		156,753		06/25/2021	
775711-10-4	ROLLINS INC			5,973,000	260,841	43,670	260,841	82,708		3,225		42,587		42,587		06/22/2018	
77634L-10-5	R1 RCM INC			3,887,000	41,086	10,570	41,086	14,575				(1,477)		(1,477)		06/22/2022	
776696-10-6	ROPER INDUSTRIES INC			2,730,000	1,488,314	545,170	1,488,314	78,830		7,453		308,708		308,708		06/27/2014	
778296-10-3	ROSS STORES INC			8,651,000	1,197,212	138,390	1,197,212	21,199		11,592		193,090		193,090		12/17/2002	
77936F-10-3	ROVER GROUP INC			2,290,000	24,915	10,880	24,915	10,880				16,511		16,511		06/24/2022	
780287-10-8	ROYAL GOLD INC			1,545,000	186,883	120,960	186,883	101,506		2,317		12,731		12,731		12/15/2017	
781846-20-9	RUSH ENTERPRISES INC			1,317,000	66,245	50,300	66,245	5,338		817		20,343		20,343		08/29/2023	
781846-30-8	RUSH ENTERPRISES INC			30,569	577,000	30,569	577,000	52,979				8,924		8,924		08/29/2023	
782011-10-0	RUSH STREET INTERACTIVE INC			1,353,000	6,075	4,490	6,075	17,439				1,218		1,218		06/25/2021	
78349D-10-7	RXISIGHT INC			558,000	22,499	40,321	22,499	7,784				15,429		15,429		06/24/2022	
78351F-10-7	RYAN SPECIALTY GROUP HLDGS			2,077,000	89,353	43,020	89,353	76,699				3,136		3,136		06/24/2022	
783549-10-8	RYDER SYSTEM INC			957,000	110,112	115,060	110,112	37,861		2,546		30,136		30,136		06/24/2022	
783754-10-4	RYERSON HOLDING CORP			592,000	20,531	34,681	20,531	6,402		425		2,617		2,617		06/23/2017	
78377T-10-7	RYMAN HOSPITALITY PROPERTIES			1,525,000	167,842	110,060	167,842	97,031	1,678	5,544		40,694		40,694		06/23/2023	
783859-10-1	S&T BANCORP INC			812,000	27,137	33,420	27,137	26,024		841		427		427		03/17/2023	
78409V-10-4	S&P GLOBAL INC			8,239,000	3,629,444	440,520	3,629,444	641,291		29,660		869,874		869,874		02/28/2022	
78410G-10-4	SBA COMMUNICATIONS CORP			2,878,000	730,120	253,690	730,120	67,816		9,785		(76,612)		(76,612)		01/17/2017	

E12.42

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

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		3 Code	4 Foreign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
784117-10-3	SEI INVESTMENTS CO			2,167,000	137,713	63,550	137,713	73,755	997	1,720		11,377		11,377		06/23/2017	
78413P-10-1	SEACOR MARINE HOLDINGS INC			2,348,000	29,561	12,590	29,561	26,319				3,242		3,242		06/23/2023	
784305-10-4	SJII CORP			678,000	44,307	65,350	44,307	15,786		1,031		(10,740)		(10,740)		06/24/2005	
78440X-80-4	SL GREEN REALTY CORP			0.000		0.000				5,478						12/20/2022	
78440X-88-7	SL GREEN REALTY CORP			1,278,000	57,727	45,170	57,727	41,249	320	4,126		14,633		14,633		01/24/2022	
78442P-10-6	SLII CORP			6,060,000	115,867	19,120	115,867	48,032		2,666		15,271		15,271		09/18/2020	
78454L-10-0	SM ENERGY CO			2,674,000	103,537	38,720	103,537	9,519		1,604		10,402		10,402		06/26/2020	
78463M-10-7	SPS COMMERCE INC			900,000	174,456	193,840	174,456	17,047				58,869		58,869		06/28/2013	
78467J-10-0	SS&C TECHNOLOGIES HOLDINGS			5,986,000	365,804	61,110	365,804	161,083		5,268		54,173		54,173		06/22/2018	
78469C-10-3	SP PLUS CORP			672,000	34,440	51,250	34,440	9,097				11,108		11,108		06/30/2006	
78473E-10-3	SPX TECHNOLOGIES INC			1,179,000	119,091	101,010	119,091	15,320				41,689		41,689		08/15/2022	
78573L-10-6	SABRA HEALTH CARE REIT INC			4,837,000	69,024	14,270	69,024	71,386		5,804		8,900		8,900		06/24/2022	
78573M-10-4	SABRE CORP			10,188,000	44,827	4,400	44,827	245,703				(18,135)		(18,135)		11/30/2018	
78646V-10-7	SAFEHOLD INC			830,000	19,422	23,400	19,422	31,366	147	441		(11,944)		(11,944)		03/31/2023	
78648T-10-0	SAFETY INSURANCE GROUP INC			192,000	14,590	75,990	14,590	11,793		691		(1,588)		(1,588)		06/24/2016	
78667J-10-8	SAGE THERAPEUTICS INC			1,665,000	36,081	21,670	36,081	143,799				(27,423)		(27,423)		06/28/2019	
78709Y-10-5	SAIA INC			659,000	288,787	438,220	288,787	7,277				150,608		150,608		06/23/2017	
790148-10-0	ST JOE CO THE			1,023,000	61,564	60,180	61,564	33,147		450		22,025		22,025		06/28/2013	
79466L-30-2	SALESFORCE COM INC			24,349,000	6,407,196	263,140	6,407,196	1,560,059				3,178,762		3,178,762		06/24/2022	
79546E-10-4	SALLY BEAUTY HOLDINGS INC			2,402,000	31,899	13,280	31,899	44,876				1,826		1,826		09/20/2021	
799566-10-4	SANA BIOTECHNOLOGY INC			2,386,000	9,735	4,080	9,735	65,226				310		310		09/20/2021	
80007P-86-9	SANDRIDGE ENERGY INC			792,000	10,827	13,670	10,827			1,742		(2,661)		(2,661)		06/24/2022	
800363-10-3	SANDY SPRING BANCORP INC			1,200,000	32,688	27,240	32,688	23,461		1,632		(9,588)		(9,588)		01/02/2018	
800422-10-7	SANFILIPPO JOHN B & SON INC CO			368,000	37,919	103,041	37,919	5,617		1,288		7,993		7,993		06/22/2012	
800677-10-6	SANGAMO BIOSCIENCES INC			3,362,000	1,827	0.543	1,827	37,668				(8,730)		(8,730)		06/25/2021	
801056-10-2	SANMINA CORPORATION			1,891,000	97,141	51,370	97,141	40,759				(11,195)		(11,195)		06/23/2017	
803607-10-0	SAREPTA THERAPEUTICS INC			2,419,000	233,264	96,430	233,264	125,914				(80,190)		(80,190)		06/28/2019	
804395-10-1	SAUL CENTERS INC			392,000	15,394	39,270	15,394	14,160		925		(553)		(553)		06/24/2022	
80517M-10-9	SAVERS VALUE VILLAGE INC			697,000	12,114	17,380	12,114	13,762				(1,648)		(1,648)		09/15/2023	
806037-10-7	SCANSOURCE INC			958,000	37,946	39,610	37,946	22,036				9,954		9,954		06/28/2013	
806407-10-2	SCHEIN HENRY INC			3,559,000	269,452	75,710	269,452	35,401				(14,805)		(14,805)		06/27/2008	
806882-10-6	SCHNITZER STEEL INDUSTRIES INC			941,000	28,381	30,160	28,381	18,327		706		(461)		(461)		06/25/2004	
80689H-10-2	SCHNEIDER NATIONAL INC			1,714,000	43,621	25,450	43,621	37,441		617		3,514		3,514		06/26/2020	
807066-10-5	SCHOLASTIC CORP			1,096,000	41,319	37,700	41,319	37,148		877		(1,929)		(1,929)		12/17/2002	
80706P-10-3	SCHOLAR ROCK HOLDING CORP			1,423,000	26,752	18,800	26,752	27,009				(256)		(256)		12/15/2023	
80810D-10-3	SCHRODINGER INC			1,342,000	48,044	35,800	48,044	78,593				22,962		22,962		06/25/2021	
808513-10-5	SCHWAB CHARLES CORP			37,972,000	2,612,474	68,800	2,612,474	979,690		37,972		(549,075)		(549,075)		06/24/2022	
808541-10-6	SCHWEITZER-MAUDUIT INTL INC			1,637,000	25,062	15,310	25,062	38,938		1,637		(9,151)		(9,151)		07/06/2022	
808625-10-7	SCIENCE APPLICATIONS INTL CORP			1,412,000	175,540	124,320	175,540	59,631		2,090		18,907		18,907		01/14/2019	
80874P-10-9	SCIENTIFIC GAMES CORP			2,426,000	199,199	82,110	199,199	100,662				57,035		57,035		06/25/2021	
810186-10-6	SCOTTS MIRACLE-GRO COMPANY			1,142,000	72,803	63,750	72,803	31,498		3,015		17,313		17,313		06/25/2010	
811054-40-2	SCRIPPS EW COMPANY			1,941,000	15,509	7,990	15,509	44,216				(10,093)		(10,093)		03/25/2015	
811543-10-7	SEABOARD CORP			5,000	17,851	3,570,200	17,851	17,878				(28)		(28)		12/15/2023	
811707-80-1	SEACOAST BKG CORP OF FLORIDA			1,542,000	43,885	28,460	43,885	20,726		1,095		(4,210)		(4,210)		06/23/2017	
81211K-10-0	SEALED AIR CORP			3,590,000	131,107	36,520	131,107	96,625		2,872		(47,962)		(47,962)		06/27/2014	
81282V-10-0	SEAWORLD ENTERTAINMENT INC			771,000	40,732	52,830	40,732	21,582				(524)		(524)		06/27/2014	

E12.43

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

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		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
81578P-10-6	SEER INC			1,126,000	2,184	1,940	2,184	48,434				(4,346)		(4,346)	09/17/2021		
81617J-30-1	SELECT ENERGY SERVICES			1,587,000	12,045	7,590	12,045	13,516	333			(2,619)		(2,619)	06/25/2021		
81619Q-10-5	SELECT MEDICAL HOLDINGS			1,967,000	46,225	23,500	46,225	30,118	984			(2,616)		(2,616)	06/26/2015		
816300-10-7	SELECTIVE INSURANCE GROUP			1,549,000	154,095	99,480	154,095	14,674	1,936			16,838		16,838	12/17/2002		
816307-30-0	SELECTQUOTE INC			3,622,000	4,962	1,370	4,962	4,506				456		456	09/15/2023		
816850-10-1	SEMTECH CORP			1,942,000	42,549	21,910	42,549	40,291				(13,167)		(13,167)	06/23/2017		
816851-10-9	SEMPRA ENERGY			16,031,000	1,197,997	74,730	1,197,997	349,130	9,538	37,403		(40,719)		(40,719)	08/22/2023		
817070-50-1	SENEGA FOODS CORP			226,000	11,851	52,438	11,851	7,224				(1,923)		(1,923)	06/26/2009		
81725T-10-0	SENSIENT TECHNOLOGIES CORP			1,015,000	66,990	66,000	66,990	45,086	1,665			(7,024)		(7,024)	06/22/2018		
81730H-10-9	SENTINELONE INC CLASS A			6,300,000	172,872	27,440	172,872	166,701				64,748		64,748	12/15/2023		
817565-10-4	SERVICE CORP INTL			3,342,000	228,760	68,450	228,760	33,590	3,743			(2,306)		(2,306)	09/18/2020		
81761L-10-2	SERVICE PROPERTIES TRUST			4,948,000	42,256	8,540	42,256	41,706	308			550		550	12/15/2023		
81762P-10-2	SERVICENOW INC			5,239,000	3,701,301	706,490	3,701,301	413,487				1,662,672		1,662,672	03/17/2023		
81768T-10-8	SERVISFIRST BANCSHARES INC			1,315,000	87,618	66,630	87,618	24,185	395	1,499		(2,998)		(2,998)	06/26/2015		
819047-10-1	SHAKE SHACK INC CLASS A			1,083,000	80,272	74,120	80,272	45,172				35,295		35,295	06/26/2020		
81948W-10-4	SHARECARE INC			8,181,000	8,835	1,080	8,835	8,235				(5,071)		(5,071)	06/23/2023		
82312B-10-6	SHENANDOAH TELECOMMUNICATIONS			1,561,000	33,749	21,620	33,749	8,832		140		8,960		8,960	06/28/2013		
824348-10-6	SHERWIN-WILLIAMS CO THE			6,071,000	1,893,545	311,900	1,893,545	89,925		14,692		452,714		452,714	06/22/2018		
82452J-10-9	SHIFT4 PAYMENTS INC CLASS A			1,262,000	93,817	74,340	93,817	74,340				23,233		23,233	06/25/2021		
824889-10-9	SHOE CARNIVAL INC			646,000	19,516	30,211	19,516	4,591		265		4,070		4,070	12/17/2002		
82489T-10-4	SHOOKWAVE MEDICAL INC			996,000	189,798	190,560	189,798	68,212				(14,990)		(14,990)	06/25/2021		
82489W-10-7	SHOALS TECHNOLOGIES GROUP			4,388,000	68,190	15,540	68,190	116,530				(34,185)		(34,185)	03/17/2023		
82536T-10-7	SHOTSPOTTER INC			356,000	9,092	25,539	9,092	15,185				(2,951)		(2,951)	06/28/2019		
825690-10-0	SHUTTERSTOCK INC			719,000	34,713	48,280	34,713	49,682		777		(3,192)		(3,192)	06/26/2015		
825698-10-3	SHYFT GROUP INC THE			1,169,000	14,285	12,220	14,285	6,733		234		(14,776)		(14,776)	06/24/2016		
825704-10-9	SI BONE INC			815,000	17,107	20,990	17,107	23,289				6,023		6,023	06/25/2021		
82620P-10-2	SIERRA BANCORP			370,000	8,344	22,551	8,344	8,638		340		485		485	06/24/2005		
826917-10-6	SIGA TECHNOLOGIES INC			1,913,000	10,713	5,600	10,713	13,199		861		(3,367)		(3,367)	06/22/2018		
826919-10-2	SILICON LABORATORIES INC			899,000	118,911	132,270	118,911	41,022				(3,057)		(3,057)	06/23/2017		
827048-10-9	SILGAN HOLDINGS INC			1,821,000	82,400	45,250	82,400	12,994		1,311		(12,000)		(12,000)	06/27/2014		
82710M-10-0	SILK ROAD MEDICAL INC			987,000	12,110	12,270	12,110	36,773				(40,052)		(40,052)	06/26/2020		
82836G-10-2	SILVERBOW RESOURCES INC			258,000	7,503	29,081	7,503	8,127				206		206	06/24/2022		
828730-20-0	SIMMONS FIRST NATIONAL CORP			2,996,000	59,441	19,840	59,441	48,571	599	2,397		(5,213)		(5,213)	10/20/2017		
828806-10-9	SIMON PROPERTY GROUP INC			8,363,000	1,192,898	142,640	1,192,898	585,503		62,304		210,413		210,413	11/23/2020		
82900L-10-2	SIMPLY GOOD FOODS CO THE			2,221,000	87,952	39,600	87,952	29,649				3,487		3,487	06/22/2018		
829073-10-5	SIMPSON MANUFACTURING CO INC			1,204,000	238,368	197,980	238,368	33,860		1,276		131,621		131,621	06/23/2017		
829214-10-5	SIMULATIONS PLUS INC			414,000	18,527	44,751	18,527	44,751		99		3,387		3,387	06/23/2017		
829242-10-6	SINCLAIR INC			132,000	1,720	13,030	1,720	3,877		66		(2,157)		(2,157)	06/01/2023		
82968B-10-3	SIRIUS XM RADIO INC			16,700,000	91,349	5,470	91,349	160,600		1,657		(6,179)		(6,179)	02/01/2019		
82981J-10-9	SITE CENTERS CORP			6,051,000	82,475	13,630	82,475	98,723	968	4,902		(182)		(182)	10/12/2018		
82982L-10-3	SITONE LANDSCAPE SUPPLY INC			1,100,000	178,750	162,500	178,750	52,635				49,698		49,698	06/23/2017		
82982T-10-6	SITIME CORP			434,000	52,983	122,081	52,983	43,946				8,880		8,880	06/24/2022		
82983N-10-8	SITIO ROYALTIES CORP			2,011,000	47,279	23,510	47,279	31,048		4,002		(10,739)		(10,739)	12/29/2022		
83001A-10-2	SIX FLAGS ENTERTAINMENT CORP			2,486,000	62,349	25,080	62,349	45,698				4,549		4,549	06/24/2011		
830566-10-5	SKECHERS USA INC			3,296,000	205,473	62,340	205,473	18,615				67,205		67,205	06/24/2011		
830830-10-5	SKYLINE CORP			1,408,000	104,558	74,260	104,558	43,047				32,032		32,032	06/24/2022		

E12.44

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 Foreign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
830879-10-2	SKYWEST INC			1,416.000	73,915	52,200	73,915	29,129				50,537		50,537		09/18/2020	
83088M-10-2	SKYWORKS SOLUTIONS INC			3,962.000	445,408	112,420	445,408	137,003		9,989		81,608		81,608		06/23/2023	
830940-10-2	SKYWARD SPECIALTY INSURANCE			648.000	21,954	33,880	21,954	16,708				5,246		5,246		09/15/2023	
83125X-10-3	SELECT COMFORT CORP			760.000	11,271	14,830	11,271	19,270				(8,474)		(8,474)		06/23/2017	
831754-10-6	SMITH + WESSON BRANDS INC			1,649.000	22,360	13,560	22,360	8,706	198	759		8,047		8,047		06/26/2009	
831865-20-9	SMITH AO CORP			3,071.000	253,173	82,440	253,173	12,879		3,747		77,389		77,389		12/17/2002	
83190L-20-8	SMARTFINANCIAL INC			275.000	6,735	24,491	6,735	6,561		88		(828)		(828)		06/23/2017	
83193G-10-7	SMARTRENT INC			3,094.000	9,870	3,190	9,870	15,902				2,351		2,351		06/24/2022	
83200N-10-3	SMARTSHEET INC CLASS A			3,616.000	172,917	47,820	172,917	177,768				30,591		30,591		06/26/2020	
832696-40-5	SMUCKER JM COMPANY			2,733.000	345,397	126,380	345,397	158,149		11,080		(83,191)		(83,191)		11/08/2023	
833034-10-1	SNAP-ON INC			1,357.000	391,956	288,840	391,956	46,918		9,119		81,895		81,895		06/24/2016	
833445-10-9	SNOWFLAKE INC CLASS A			7,941.000	1,580,259	199,000	1,580,259	1,931,829				440,408		440,408		09/16/2022	
83406F-10-2	SOFI TECHNOLOGIES INC			22,427.000	223,149	9,950	223,149	137,469				119,760		119,760		06/24/2022	
834170-20-4	SOLARWINDS CORP			1,484.000	18,535	12,490	18,535	24,917				4,645		4,645		06/24/2022	
83418M-10-3	SOLARIS OILFIELD INFRASTRUCTURE			886.000	7,053	7,960	7,053	9,666		399		(1,745)		(1,745)		06/24/2022	
83422N-10-5	SOLID POWER INC			1,333.000	1,933	1,450	1,933	8,357				(1,453)		(1,453)		06/24/2022	
83444K-10-5	SOMALOGIC INC			3,798.000	9,609	2,530	9,609	19,673				76		76		06/24/2022	
835456-10-2	SONIC AUTOMOTIVE INC			479.000	26,925	56,211	26,925	12,924	144	556		3,324		3,324		06/25/2021	
835495-10-2	SONOCO PRODUCTS CO			2,169.000	121,182	55,870	121,182	57,111		4,381		(10,498)		(10,498)		06/24/2005	
83570H-10-8	SONOS INC			3,687.000	63,195	17,140	63,195	91,399				885		885		03/19/2021	
83601L-10-2	SOTERA HEALTH CO			2,303.000	38,806	16,850	38,806	57,500				19,622		19,622		06/24/2022	
836100-10-7	SOUNDHOUND AI INC			3,805.000	8,067	2,120	8,067	13,926				(5,860)		(5,860)		06/23/2023	
840441-10-9	SOUTH STATE CORP			1,939.000	163,749	84,450	163,749	109,874		3,956		15,687		15,687		03/01/2022	
842587-10-7	SOUTHERN CO			28,011.000	1,964,131	70,120	1,964,131	842,336		77,871		(36,134)		(36,134)		12/16/2022	
84265V-10-5	SOUTHERN COPPER CORP			2,489.000	214,228	86,070	214,228	94,690		8,212		54,373		54,373		12/15/2023	
842873-10-1	SOUTHERN FIRST BANCSHARES			228.000	8,459	37,101	8,459	5,405				(1,972)		(1,972)		06/24/2016	
843380-10-6	SOUTHERN MISSOURI BANCORP			231.000	12,333	53,390	12,333	5,368		194		1,746		1,746		06/24/2016	
84470P-10-9	SOUTHSIDE BANCSHARES INC			1,068.000	33,450	31,320	33,450	27,551		1,516		(4,988)		(4,988)		06/23/2017	
844741-10-8	SOUTHWEST AIRLINES CO			15,935.000	460,203	28,880	460,203	256,546	2,868	14,341		(76,329)		(76,329)		06/26/2020	
844895-10-2	SOUTHWEST GAS CORP			1,183.000	74,943	63,350	74,943	55,648		2,934		1,739		1,739		06/24/2022	
845467-10-9	SOUTHWESTERN ENERGY CO			26,298.000	172,252	6,550	172,252	100,499				18,409		18,409		06/24/2022	
84612U-10-7	SOVOS BRANDS INC			537.000	11,830	22,030	11,830	8,398				4,113		4,113		06/24/2022	
847215-10-0	SPARTANASH CO			957.000	21,963	22,950	21,963	17,901				(6,977)		(6,977)		11/20/2013	
84790A-10-5	SPECTRUM BRANDS HLDGS INC			1,088.000	86,790	79,770	86,790	59,087		1,828		20,509		20,509		09/27/2019	
848574-10-9	SPIRIT AEROSYSTEMS HLDGS INC			2,061.000	65,499	31,780	65,499	73,071				4,493		4,493		09/18/2020	
848577-10-2	SPIRIT AIRLINES INC			3,372.000	55,267	16,390	55,267	52,622				2,645		2,645		12/15/2023	
84857L-10-1	SPIRE INC			1,343.000	83,723	62,340	83,723	47,489	1,014	3,915		(8,756)		(8,756)		06/26/2015	
84860W-30-0	SPIRIT REALITY CAPITAL INC			3,189.000	139,327	43,690	139,327	133,796	2,135	8,499		11,991		11,991		12/13/2018	
848637-10-4	SPLUNK INC			3,944.000	600,868	152,350	600,868	216,438				261,329		261,329		06/24/2022	
84920Y-10-6	SPORTSMAN'S WAREHOUSE HOLDINGS			1,434.000	6,109	4,260	6,109	12,398				(7,385)		(7,385)		06/23/2017	
85205L-10-7	SPRINGWORKS THERAPEUTICS INC			1,868.000	68,182	36,500	68,182	74,052				11,416		11,416		12/15/2023	
85208M-10-2	SPROUTS FARMERS MARKET			2,515.000	120,997	48,110	120,997	66,602				39,586		39,586		06/26/2020	
85208T-10-7	SPRINKLR INC			2,308.000	27,788	12,040	27,788	31,064				(3,276)		(3,276)		06/23/2023	
85209W-10-9	SPROUT SOCIAL INC CLASS A			1,316.000	80,855	61,440	80,855	71,666				6,554		6,554		06/25/2021	
852234-10-3	SQUARE INC			14,032.000	1,085,375	77,350	1,085,375	887,213				203,604		203,604		06/24/2022	
85225A-10-7	SQUARESPACE INC CLASS A			907.000	29,940	33,010	29,940	19,563				9,832		9,832		06/24/2022	

E12.45

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1	2	Codes		5	6	Fair Value		9	Dividends			Change in Book/Adjusted Carrying Value				17	18
		3	4			7	8		10	11	12	13	14	15	16		
CUSIP Identification	Description	Code	Foreign	Number of Shares	Book/Adjusted Carrying Value	Rate Per Share Used to Obtain Fair Value	Fair Value	Actual Cost	Declared but Unpaid	Amount Received During Year	Nonadmitted Declared But Unpaid	Unrealized Valuation Increase/ (Decrease)	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (13 - 14)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Date Acquired	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
852312-30-5	STAAR SURGICAL COMPANY			1,339,000	41,790	31.210	41,790	31,763				(23,205)		(23,205)		09/17/2021	
85254J-10-2	STAG INDUSTRIAL INC			4,481,000	175,924	39.260	175,924	98,551	549	6,587		31,143		31,143		06/28/2019	
85256A-10-9	STAGWELL INC			1,585,000	10,509	6.630	10,509	8,574				666		666		08/03/2021	
853666-10-5	STANDARD MOTOR PRODUCTS INC			843,000	33,560	39.810	33,560	6,867		978		4,223		4,223		06/25/2010	
854231-10-7	STANDEX INTERNATIONAL CORP			472,000	74,755	158.379	74,755	38,522		538		26,418		26,418		06/22/2018	
854502-10-1	STANLEY BLACK AND DECKER			4,204,000	412,412	98.100	412,412	43,262		13,537		96,608		96,608		06/23/2017	
85512G-10-6	STAR HOLDINGS			235,000	3,520	14.979	3,520	15,444				(11,924)		(11,924)		03/31/2023	
855244-10-9	STARBUCKS CORP			28,906,000	2,775,265	96.010	2,775,265	157,313		62,437		(92,210)		(92,210)		06/22/2012	
85571B-10-5	STARWOOD PROPERTY TRUST			7,310,000	153,656	21.020	153,656	178,856	3,509	14,035		19,664		19,664		06/24/2022	
857477-10-3	STATE STREET CORP			8,275,000	640,982	77.460	640,982	399,469	5,710	20,777		(910)		(910)		06/26/2009	
858119-10-0	STEEL DYNAMICS INC			4,042,000	477,360	118.100	477,360	62,290	1,718	6,607		82,457		82,457		06/26/2015	
858155-20-3	STEELCASE INC			3,128,000	42,291	13.520	42,291	43,685		938		20,176		20,176		06/23/2017	
858586-10-0	STEPAN CO			479,000	45,289	94.549	45,289	6,269		704		(5,705)		(5,705)		12/17/2002	
85859N-10-2	STEM INC			4,021,000	15,601	3.880	15,601	91,338				(20,346)		(20,346)		06/24/2022	
858912-10-8	STERICYCLE INC			2,380,000	117,953	49.560	117,953	93,607				(785)		(785)		06/26/2020	
85914M-10-7	STEPSTONE GROUP INC CLASS A			40,010	31,830	40.010	31,830	41,386		1,345		8,359		8,359		06/24/2022	
85917T-10-9	STERLING CHECK CORP			422,000	5,874	13.919	5,874	7,052				(654)		(654)		06/24/2022	
859241-10-1	STERLING CONSTRUCTION CO INC			1,004,000	88,282	87.930	88,282	11,164				55,351		55,351		06/23/2017	
860372-10-1	STEWART INFORMATION SERVICES			47,881	47,881	58.750	47,881	21,376		1,508		13,056		13,056		12/17/2002	
860630-10-2	STIFEL FINANCIAL CORP			2,962,000	204,822	69.150	204,822	80,094		4,265		31,930		31,930		02/15/2013	
860897-10-7	STITCH FIX INC CLASS A			1,770,000	6,319	3.570	6,319	65,323				814		814		06/25/2021	
861025-10-4	STOCK YARDS BANCORP INC			922,000	47,474	51.490	47,474	9,952		1,088		(12,438)		(12,438)		12/17/2002	
86150R-10-7	STOKE THERAPEUTICS INC			519,000	2,730	5.260	2,730	11,529				(2,060)		(2,060)		03/20/2020	
86183P-10-2	STONERIDGE INC			1,055,000	20,646	19.570	20,646	13,194				(2,099)		(2,099)		06/24/2011	
861896-10-8	STONEX GROUP INC			902,000	66,521	73.789	66,521	38,318				9,282		9,282		11/27/2023	
86272C-10-3	STRATEGIC EDUCATION INC			673,000	62,165	92.370	62,165	74,411		1,615		9,456		9,456		06/25/2021	
863167-20-1	STRATUS PROPERTIES INC			134,000	3,867	28.858	3,867	4,266				1,282		1,282		06/24/2022	
86333M-10-8	STRIDE INC			1,099,000	65,248	59.370	65,248	36,290				25,761		25,761		03/17/2023	
863667-10-1	STRYKER CORP			9,165,000	2,744,551	299.460	2,744,551	280,503	7,332	27,450		499,050		499,050		06/23/2023	
864159-10-8	STURM RUGER & CO INC			311,000	14,135	45.450	14,135	22,436		395		(1,608)		(1,608)		09/17/2021	
86606G-10-1	SUMMIT FINANCIAL GROUP INC			394,000	12,092	30.690	12,092	10,095				2,285		2,285		06/23/2017	
866082-10-0	SUMMIT HOTEL PROPERTIES INC			3,928,000	26,396	6.720	26,396	39,884		864		(1,964)		(1,964)		06/23/2017	
86614U-10-0	SUMMIT MATERIALS INC			3,397,000	132,841	38.460	132,841	79,971				34,208		34,208		01/31/2017	
86627T-10-8	SUMMIT THERAPEUTICS INC			10,163,000	26,525	2.610	26,525	26,932				(407)		(407)		06/23/2023	
866674-10-4	SUN COMMUNITIES INC			3,196,000	427,145	133.650	427,145	199,466	2,972	11,889		(29,883)		(29,883)		06/24/2022	
866683-10-5	SUN COUNTRY AIRLINES HOLDING			295,000	4,640	15.729	4,640	11,383				(38)		(38)		06/25/2021	
86722A-10-3	SUNCOKE ENERGY INC			2,524,000	27,108	10.740	27,108	15,667		909		5,326		5,326		06/28/2013	
86745K-10-4	SUNNOVA ENERGY INTERNATIONAL			2,817,000	42,959	15.250	42,959	72,247				(7,775)		(7,775)		06/24/2022	
867652-40-6	SUNPOWER CORP			2,299,000	11,104	4.830	11,104	47,280				(30,347)		(30,347)		06/26/2015	
86771W-10-5	SUNRUN INC			6,329,000	124,238	19.630	124,238	163,323				(17,101)		(17,101)		12/15/2023	
867892-10-1	SUNSTONE HOTEL INVESTORS INC			4,521,000	48,510	10.730	48,510	61,649	271	891		4,837		4,837		06/23/2017	
86800U-10-4	SUPER MICRO COMPUTER INC			1,215,000	345,376	284.260	345,376	34,166				245,624		245,624		06/26/2020	
868459-10-8	SUPERIUS PHARMACEUTICALS INC			1,648,000	47,693	28.940	47,693	21,325	(11,091)			(11,091)		(11,091)		06/24/2016	
86881A-10-0	SURGERY PARTNERS INC			1,791,000	57,294	31.990	57,294	66,386				(3,487)		(3,487)		06/23/2023	
868873-10-0	SURMODICS INC			516,000	18,757	36.351	18,757	16,001				1,151		1,151		12/17/2002	
869367-10-2	SUTRA BIOPHARMA INC			1,211,000	5,195	4.290	5,195	26,430				(4,590)		(4,590)		06/25/2021	

E12.46

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 Foreign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
870430-10-8 ...	SWEETGREEN INC CLASS A			2,381.000	26,905	11,300	26,905	42,939				6,500		6,500	09/16/2022		
871332-10-2 ...	SYLVAMO CORP			905,000	44,445	49,110	44,445	32,840		1,222		471		471	09/16/2022		
871570-10-9 ...	SYNAPTICS INC			1,111.000	126,743	114,080	126,743	79,634				21,020		21,020	12/17/2021		
871607-10-7 ...	SYNOPSIS INC			3,897.000	2,006,604	514,910	2,006,604	101,940				762,331		762,331	06/26/2015		
87161C-50-1 ...	SYNOVUS FINANCIAL CORP			3,386.000	127,483	37,650	127,483	92,322	1,287	4,789		339		339	09/18/2020		
87162H-10-0 ...	SYNNEX CORP			1,240.000	133,436	107,610	133,436	50,644		1,736		15,996		15,996	10/05/2018		
87164F-10-5 ...	SYNDAX PHARMACEUTICALS INC			1,544.000	33,366	21,610	33,366	15,777				(5,929)		(5,929)	06/28/2019		
87165B-10-3 ...	SYNCHRONY FINANCIAL			10,625.000	405,769	38,190	405,769	315,342		10,200		56,631		56,631	12/18/2018		
871829-10-7 ...	SYSCO CORP			13,349.000	976,212	73,130	976,212	274,547		26,431		(44,319)		(44,319)	12/17/2021		
87240R-10-7 ...	TFS FINANCIAL CORP			2,205.000	32,391	14,690	32,391	33,320		2,492		617		617	06/24/2022		
872540-10-9 ...	TJX COS INC			29,741.000	2,790,003	93,810	2,790,003	96,646		38,440		422,620		422,620	11/26/2003		
87256C-10-1 ...	TKO GROUP HOLDINGS INC			1,153.000	94,062	81,580	94,062	39,588		4,451		54,473		54,473	09/12/2023		
872590-10-4 ...	T-MOBILE US INC			13,640.000	2,186,901	160,330	2,186,901	1,432,471		8,866		277,301		277,301	06/25/2021		
872657-10-1 ...	TPG INC			1,717.000	74,123	43,170	74,123	46,785		1,202		27,338		27,338	06/23/2023		
87266M-10-7 ...	TPG RE FINANCE TRUST INC			1,884.000	12,246	6,500	12,246	20,527	452	1,809		(546)		(546)	06/26/2020		
87305R-10-9 ...	TTM TECHNOLOGIES INC			3,576.000	56,537	15,810	56,537	45,775				2,610		2,610	06/23/2017		
87357P-10-0 ...	TACTILE SYSTEMS TECHNOLOGY INC			468.000	6,692	14,299	6,692	16,008				1,320		1,320	06/25/2021		
874054-10-9 ...	TAKE-TWO INTERACTIVE SOFTWARE			4,189.000	674,220	160,950	674,220	286,038				238,019		238,019	05/24/2022		
87484T-10-8 ...	TALOS ENERGY INC			1,668.000	23,736	14,230	23,736	27,827				(7,756)		(7,756)	06/24/2022		
875372-20-3 ...	TANDEM DIABETES CARE INC			1,948.000	57,622	29,580	57,622	57,669				(29,941)		(29,941)	06/28/2019		
875465-10-6 ...	TANGER FACTORY OUTLET CENTERS			2,916.000	80,832	27,720	80,832	53,357		2,829		28,518		28,518	06/25/2021		
87583X-10-9 ...	TANGO THERAPEUTICS INC			1,233.000	12,207	9,900	12,207	9,900				3,267		3,267	06/24/2022		
876030-10-7 ...	TAPESTRY INC			6,263.000	230,541	36,810	230,541	84,004		8,142		(7,954)		(7,954)	09/18/2020		
87612E-10-6 ...	TARGET CORP			11,866.000	1,689,956	142,420	1,689,956	335,075		51,736		(78,553)		(78,553)	06/26/2020		
87612G-10-1 ...	TARGA RESOURCES CORP			5,700.000	495,159	86,870	495,159	86,870				76,209		76,209	06/23/2017		
87615L-10-7 ...	TARGET HOSPITALITY CORP			829.000	8,066	9,730	8,066	11,042				(2,975)		(2,975)	06/23/2023		
87650L-10-3 ...	TARSUS PHARMACEUTICALS INC			197.000	3,989	20,249	3,989	5,811				1,101		1,101	06/25/2021		
87724P-10-6 ...	TAYLOR MORRISON HOME CORP			2,119.000	113,049	53,350	113,049	82,439				25,966		25,966	09/15/2023		
87874R-10-0 ...	TECHTARGET INC			708.000	24,681	34,860	24,681	6,264				(6,514)		(6,514)	06/27/2014		
87901J-10-5 ...	TEGNA INC			3,825.000	58,523	15,300	58,523	19,876	435	1,410		(22,529)		(22,529)	06/24/2022		
879080-10-9 ...	TEJON RANCH CO			834.000	14,345	17,200	14,345	21,387				(1,368)		(1,368)	10/27/2017		
87918A-10-5 ...	TELADOC INC			4,752.000	102,406	21,550	102,406	525,811				(9,979)		(9,979)	06/24/2022		
879360-10-5 ...	TELEDYNE TECHNOLOGIES INC			1,197.000	534,209	446,290	534,209	155,873				55,517		55,517	05/17/2021		
879369-10-6 ...	TELEFLEX INC			1,106.000	275,770	249,340	275,770	75,857		1,504		(321)		(321)	06/23/2017		
879433-82-9 ...	TELEPHONE & DATA SYSTEMS INC			3,195.000	58,628	18,350	58,628	64,682		1,293		12,109		12,109	09/15/2023		
87968A-10-4 ...	TELLURIAN INC			14,573.000	11,011	0,756	11,011	67,389				(13,471)		(13,471)	06/24/2022		
87990A-10-6 ...	TENAYA THERAPEUTICS INC			285.000	923	3,239	923	5,943				351		351	09/17/2021		
88023U-10-1 ...	TEMPER SEALY INTERNATIONAL			4,464.000	227,530	50,970	227,530	31,414		1,964		74,281		74,281	06/28/2013		
88025T-10-2 ...	TENABLE HOLDINGS INC			2,968.000	136,706	46,060	136,706	107,901				23,477		23,477	06/24/2022		
88025U-10-9 ...	10X GENOMICS INC CLASS A			2,501.000	139,956	55,960	139,956	290,609				48,820		48,820	06/25/2021		
88033G-40-7 ...	TENET HEALTHCARE CORP			2,691.000	203,359	75,570	203,359	163,459				72,065		72,065	06/23/2017		
880345-10-3 ...	TENNANT CO			647.000	59,970	92,689	59,970	37,387			696	20,135		20,135	06/23/2017		
88076H-10-3 ...	TERADATA CORP			2,794.000	121,567	43,510	121,567	44,851				27,521		27,521	06/24/2022		
880770-10-2 ...	TERADYNE INC			3,951.000	428,763	108,520	428,763	110,621		1,738		83,643		83,643	06/24/2016		
880779-10-3 ...	TEREX CORP			1,674.000	96,188	57,460	96,188	44,248		998		23,409		23,409	03/17/2023		
88080T-10-4 ...	TERAWULF INC			19,971.000	47,930	2,400	47,930	35,548				12,382		12,382	12/15/2023		

E12.47

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

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		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
880881-10-7 ...	TERNS PHARMACEUTICALS INC			1,158,000	7,515	6,490	7,515	12,668				(5,152)		(5,152)	06/23/2023		
88146M-10-1 ...	TERRENO REALTY CORP			1,821,000	114,122	62,670	114,122	35,351	819	3,096		10,562		10,562	06/26/2015		
88160R-10-1 ...	TESLA MOTORS INC			71,173,000	17,685,067	248,480	17,685,067	4,067,282				8,318,948		8,318,948	12/15/2023		
88162F-10-5 ...	TETRA TECHNOLOGIES INC			3,440,000	15,549	4,520	15,549	14,413				3,646		3,646	06/25/2021		
88162G-10-3 ...	TETRA TECH INC			1,387,000	231,532	166,930	231,532	23,845		1,401		30,153		30,153	06/23/2017		
88224Q-10-7 ...	TEXAS CAPITAL BANCSHARES INC			1,428,000	92,292	64,630	92,292	26,339				6,169		6,169	06/23/2017		
882508-10-4 ...	TEXAS INSTRUMENTS INC			23,214,000	3,957,058	170,460	3,957,058	480,091		116,534		121,641		121,641	04/02/2007		
88262P-10-2 ...	TEXAS PACIFIC LAND CORP			152,000	239,012	1,572,447	239,012	239,553		1,976		(117,311)		(117,311)	06/25/2021		
882681-10-9 ...	TEXAS ROADHOUSE INC			1,747,000	213,536	122,230	213,536	32,798		3,843		54,646		54,646	06/23/2017		
883203-10-1 ...	TEXTRON INC			4,817,000	387,383	80,420	387,383	35,754	96	367		46,340		46,340	06/24/2016		
88322Q-10-8 ...	TG THERAPEUTICS INC			3,788,000	64,699	17,080	64,699	53,795				19,887		19,887	06/25/2021		
88337F-10-5 ...	THE ODP CORP			1,066,000	60,016	56,300	60,016	27,493				11,470		11,470	06/24/2022		
88339K-10-3 ...	THE ONE GROUP HOSPITALITY INC			465,000	2,846	6,120	2,846	5,082				(84)		(84)	06/25/2021		
88339J-10-5 ...	TRADE DESK INC			11,220,000	807,391	71,960	807,391	110,009				304,399		304,399	06/28/2019		
883556-10-2 ...	THERMO FISHER SCIENTIFIC INC			9,933,000	5,272,337	530,790	5,272,337	415,588	3,477	13,649		(197,667)		(197,667)	08/11/2017		
88362T-10-3 ...	THERMON GROUP HOLDINGS INC			27,782	853,000	27,782	853,000	21,044				10,654		10,654	06/27/2014		
88516Q-10-1 ...	THOR INDUSTRIES INC			1,229,000	145,329	118,250	145,329	75,381	590	2,142		52,552		52,552	06/26/2022		
88546E-10-5 ...	THOUGHTWORKS HOLDING INC			2,008,000	9,658	4,810	9,658	40,041				(10,803)		(10,803)	06/24/2022		
88554D-20-5 ...	3D SYSTEMS CORP			3,738,000	23,736	6,350	23,736	96,039				(3,925)		(3,925)	06/27/2014		
88556E-10-2 ...	THREDUP INC CLASS A			1,616,000	3,636	2,250	3,636	5,042				1,519		1,519	06/24/2022		
88579Y-10-1 ...	3M CO			14,313,000	1,564,697	109,320	1,564,697	673,136		85,878		(151,718)		(151,718)	12/15/2003		
886029-20-6 ...	THRYV HOLDINGS INC			612,000	12,454	20,350	12,454	20,350				826		826	06/24/2022		
88642R-10-9 ...	TIDEWATER INC			1,174,000	84,657	72,110	84,657	31,500				41,395		41,395	06/24/2022		
886885-10-2 ...	TILLYS INC			432,000	3,257	7,539	3,257	6,499				(652)		(652)	06/22/2012		
887389-10-4 ...	TIMKEN CO			1,628,000	130,484	80,150	130,484	30,158		2,116		15,433		15,433	06/30/2006		
887399-10-3 ...	TIMKENSTEEL CORP			1,535,000	35,996	23,450	35,996	21,524				8,105		8,105	06/23/2017		
88822Q-10-3 ...	TIPTREE FINANCIAL INC			1,255,000	23,795	18,960	23,795	9,224		251		6,426		6,426	06/26/2015		
88830M-10-2 ...	TITAN INTERNATIONAL INC			1,266,000	18,838	14,880	18,838	10,900				(557)		(557)	06/25/2021		
88830R-10-1 ...	TITAN MACHINERY INC			491,000	14,180	28,880	14,180	14,407				(5,327)		(5,327)	06/24/2011		
888787-10-8 ...	TOAST INC CLASS A			9,479,000	173,087	18,260	173,087	164,384				(9,234)		(9,234)	06/23/2023		
888CVR-99-0 ...	TOBIRA THERAPEUTICS INC			390,000	23	0,059	23	(293)							11/02/2016		
889478-10-3 ...	TOLL BROTHERS INC			2,789,000	286,681	102,790	286,681	78,363		2,315		147,454		147,454	06/28/2013		
89011Q-10-9 ...	TOMPKINS FINANCIAL CORP			131,000	7,890	60,229	7,890	6,247		314		(2,273)		(2,273)	06/27/2014		
89055F-10-3 ...	TOPBUILD CORP			798,000	298,659	374,259	298,659	19,641				173,780		173,780	07/01/2015		
891092-10-8 ...	TORO CO			2,649,000	254,278	95,990	254,278	63,297	954	3,548		(45,589)		(45,589)	06/28/2019		
89214P-10-9 ...	TOWNEBANK PORTSMOUTH VA			1,266,000	37,676	29,760	37,676	21,239	317	1,240		(1,367)		(1,367)	01/29/2018		
892356-10-6 ...	TRACTOR SUPPLY CO			2,846,000	611,975	215,030	611,975	29,224				(28,289)		(28,289)	06/26/2009		
892672-10-6 ...	TRADEWEB MARKETS INC CLASS A			2,955,000	268,550	90,880	268,550	183,952		1,064		76,682		76,682	06/25/2021		
893529-10-7 ...	TRANSCAT INC			100,000	10,933	109,330	10,933	6,433				3,846		3,846	09/17/2021		
893641-10-0 ...	TRANSDIGM GROUP INC			1,365,000	1,380,834	1,011,600	1,380,834	86,405		47,775		521,362		521,362	06/26/2020		
89377M-10-9 ...	TRANSMEDICS GROUP INC			604,000	47,674	78,930	47,674	10,134				10,395		10,395	06/26/2020		
8940QJ-10-7 ...	TRANSUNION			4,988,000	342,725	68,710	342,725	251,291		2,095		59,656		59,656	06/22/2018		
894164-10-2 ...	TRAVEL + LEISURE CO			1,106,000	43,234	39,090	43,234	7,111				2,975		2,975	06/26/2009		
89417E-10-9 ...	TRAVELERS COMPANIES INC THE			5,939,000	1,131,320	190,490	1,131,320	243,134		23,340		17,817		17,817	06/30/2006		
89422G-10-7 ...	TRAVERE THERAPEUTICS INC			1,469,000	13,206	8,990	13,206	39,607				(17,687)		(17,687)	06/26/2015		
89455T-10-9 ...	TREACE MEDICAL CONCEPTS INC			803,000	10,238	12,750	10,238	15,007				(8,223)		(8,223)	06/24/2022		

E12.48

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

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		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
894650-10-0	TREDEGAR CORP			1,164,000	6,297	5,410	6,297	27,271		303		(5,599)		(5,599)		12/17/2002	
89469A-10-4	TREEHOUSE FOODS INC			1,691,000	70,092	41,450	70,092	81,187				(13,410)		(13,410)		03/31/2016	
89531P-10-5	TREX CO INC			2,846,000	235,620	82,790	235,620	14,082				115,149		115,149		06/25/2004	
89532M-10-1	TREVI THERAPEUTICS INC			9,226,000	12,363	1,340	12,363	25,277				(12,915)		(12,915)		06/23/2023	
896095-10-6	TRICO BANCSHARES			422,000	18,133	42,969	18,133	14,550		506		(3,384)		(3,384)		06/24/2022	
896215-20-9	TRIMAS CORP			1,789,000	45,315	25,330	45,315	31,666		286		(4,311)		(4,311)		06/27/2014	
896239-10-0	TRIMBLE NAVIGATION LTD			6,165,000	327,978	53,200	327,978	41,661				16,276		16,276		06/26/2015	
896288-10-7	TRINET GROUP INC			839,000	99,782	118,930	99,782	21,315				42,898		42,898		06/26/2015	
896522-10-9	TRINITY INDUSTRIES INC			2,047,000	54,430	26,590	54,430	54,242		2,129		(6,100)		(6,100)		06/24/2022	
89679E-30-0	TRIUMPH BANCORP INC			657,000	52,678	80,180	52,678	10,109				20,571		20,571		06/24/2016	
896818-10-1	TRIUMPH GROUP INC			1,451,000	24,058	16,580	24,058	35,641				8,793		8,793		06/25/2021	
896945-20-1	TRIPADVISOR INC			2,932,000	63,126	21,530	63,126	90,628				10,409		10,409		06/24/2016	
89785L-10-7	TRUECAR INC			2,406,000	8,325	3,460	8,325	31,981				2,286		2,286		06/23/2017	
89785X-10-1	TRUELLIE INC			720,000	11,045	15,340	11,045	15,988				(3,053)		(3,053)		06/30/2006	
898202-10-6	TRUPANION INC			1,119,000	34,141	30,510	34,141	38,871				(19,045)		(19,045)		06/25/2021	
898349-20-4	TRUSTCO BANK CORP NY			671,000	20,835	31,051	20,835	32,197	242	966		(4,388)		(4,388)		05/28/2021	
898402-10-2	TRUSTMARK CORP			1,222,000	34,069	27,880	34,069	28,516		1,124		(8,591)		(8,591)		06/28/2013	
89854H-10-2	TELETECH HOLDINGS INC			541,000	11,723	21,669	11,723	7,165		563		(12,151)		(12,151)		06/28/2013	
898697-20-6	TUCOWS INC			349,000	9,423	27,000	9,423	27,000				20,293		20,293		06/23/2017	
90041L-10-5	TURNING POINT BRANDS INC			310,000	8,159	26,319	8,159	8,448	20	81		1,454		1,454		06/25/2021	
900450-20-6	TURTLE BEACH CORP			379,000	4,150	10,950	4,150	10,722				1,433		1,433		03/19/2021	
90089L-10-8	TUSIMPLE HOLDINGS INC			3,773,000	3,312	0,878	3,312	142,478				(2,876)		(2,876)		12/17/2021	
901109-10-8	TUTOR PERINI CORP			1,399,000	12,731	9,100	12,731	34,449				2,168		2,168		12/19/2008	
901384-10-7	2SEVENTY BIO INC			702,000	2,998	4,271	2,998	64,611				(3,580)		(3,580)		11/05/2021	
90138F-10-2	TWILIO INC			4,374,000	331,855	75,870	331,855	592,123				117,704		117,704		09/17/2021	
90138Q-10-8	23ANDME HOLDING CO CLASS A			5,433,000	4,963	0,913	4,963	15,103				(6,772)		(6,772)		06/24/2022	
90184D-10-0	TWIST BIOSCIENCE CORP			1,447,000	53,336	36,860	53,336	94,605				18,883		18,883		03/19/2021	
90187B-80-4	TWO HARBORS INVESTMENT CORP			2,103,000	29,295	13,930	29,295	73,895		4,416		(3,870)		(3,870)		11/02/2022	
902252-10-5	TYLER TECHNOLOGIES INC			1,017,000	425,228	418,120	425,228	66,288				97,337		97,337		06/22/2018	
902494-10-3	TYSON FOODS INC			7,401,000	397,804	53,750	397,804	158,845		14,284		(62,909)		(62,909)		06/22/2018	
902653-10-4	UDR INC			8,781,000	336,224	38,290	336,224	38,290		14,401		(3,864)		(3,864)		12/15/2017	
902673-10-2	UFP TECHNOLOGIES INC			226,000	38,881	172,040	38,881	6,305				12,238		12,238		06/23/2017	
902681-10-5	UGI CORP			4,386,000	107,896	24,600	107,896	101,212	1,645	6,043		(54,693)		(54,693)		08/21/2019	
902685-10-6	UDNEY INC			1,856,000	27,339	14,730	27,339	21,473				7,758		7,758		06/24/2022	
902788-10-8	UMB FINANCIAL CORP			1,098,000	91,738	83,550	91,738	42,215	428	1,680		33		33		06/24/2016	
90278Q-10-8	UFP INDUSTRIES INC			1,356,000	170,246	125,550	170,246	24,458				1,492		1,492		06/26/2020	
902973-30-4	US BANCORP			39,896,000	1,726,699	43,280	1,726,699	925,476	19,549	74,440		62,783		35,679		06/23/2023	
903002-10-3	UMH PROPERTIES INC			994,000	15,228	15,320	15,228	9,727		815		(775)		(775)		06/24/2016	
90328M-10-7	USANA HEALTH SCIENCES INC			426,000	22,834	53,601	22,834	17,252				170		170		06/24/2016	
90337L-10-8	US PHYSICAL THERAPY INC			468,000	43,590	93,141	43,590	19,539		805		5,667		5,667		06/23/2017	
90346E-10-3	US SILICA HOLDINGS INC			1,949,000	22,043	11,310	22,043	25,589				(2,319)		(2,319)		09/16/2022	
90353T-10-0	UBER TECHNOLOGIES INC			50,762,000	3,125,416	61,570	3,125,416	1,628,927				1,840,257		1,840,257		12/15/2023	
90353W-10-3	UBIQUITI INC			43,000	6,001	6,638	6,001	6,638		103		(5,761)		(5,761)		09/18/2020	
90364P-10-5	UIPATH INC CLASS A			10,393,000	258,162	24,840	258,162	227,801				126,067		126,067		06/24/2022	
90384S-30-3	ULTA BEAUTY INC			1,295,000	634,537	489,990	634,537	113,079				27,091		27,091		06/23/2017	
90385V-10-7	ULTRA CLEAN HOLDINGS			1,266,000	43,221	34,140	43,221	15,195				1,253		1,253		06/23/2017	

E12.49

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
904000-10-8 ...	ULTRAGENYX PHARMACEUTICAL INC			1,912,000	91,432	47,820	91,432	168,489				2,849		2,849		06/25/2021	
904311-10-7 ...	UNDER ARMOUR INC			5,744,000	50,490	8,790	50,490	43,873				(7,869)		(7,869)		06/24/2016	
904311-20-6 ...	UNDER ARMOUR INC			5,391,000	45,015	8,350	45,015	34,872				(3,073)		(3,073)		06/24/2016	
904708-10-4 ...	UNIFIRST CORP			503,000	92,004	182,911	92,004	40,636	166	634		(5,070)		(5,070)		06/24/2016	
907818-10-8 ...	UNION PACIFIC CORP			15,667,000	3,848,129	245,620	3,848,129	201,867		81,468		603,963		603,963		11/26/2003	
909214-30-6 ...	UNISYS CORP			2,160,000	12,139	5,620	12,139	248,480				1,102		1,102		10/26/2009	
90984P-30-3 ...	UNITED COMMUNITY BANKS INC			2,960,000	86,610	29,260	86,610	89,554	681	2,724		(13,438)		(13,438)		01/03/2022	
909907-10-7 ...	UNITED BANKSHARES INC			2,837,000	106,529	37,550	106,529	53,139	1,050	3,698		(8,341)		(8,341)		06/24/2022	
910047-10-9 ...	UNITED CONTINENTAL HOLDINGS			8,627,000	355,950	41,260	355,950	228,386				30,712		30,712		06/25/2021	
910340-10-8 ...	UNITED FIRE GROUP INC			16,981	844,000	16,981	844,000	17,244		540		17,244		17,244		06/30/2006	
911163-10-3 ...	UNITED NATURAL FOODS INC			141,000	2,288	16,227	2,288	5,499				(3,170)		(3,170)		06/25/2021	
911312-10-6 ...	UNITED PARCEL SERVICE INC			18,497,000	2,908,283	157,230	2,908,283	1,243,864		119,861		(307,235)		(307,235)		06/24/2022	
911363-10-9 ...	UNITED RENTALS INC			1,803,000	1,033,876	573,420	1,033,876	35,767		10,674		393,054		393,054		06/22/2012	
911922-10-2 ...	UNITED STATES LIME & MINERAL			66,000	15,203	230,348	15,203	2,809		53		5,913		5,913		06/26/2009	
912008-10-9 ...	US FOODS HOLDING CORP			5,895,000	267,692	45,410	267,692	165,896				67,144		67,144		12/15/2017	
912909-10-8 ...	UNITED STATES STEEL CORP			5,821,000	283,192	48,650	283,192	124,947		1,164		137,376		137,376		03/18/2022	
91307C-10-2 ...	UNITED THERAPEUTICS CORP			1,221,000	268,486	219,890	268,486	59,504				(71,062)		(71,062)		09/16/2022	
91324P-10-2 ...	UNITEDHEALTH GROUP INC			23,975,000	12,622,118	526,470	12,622,118	664,116		174,145		(85,863)		(85,863)		12/15/2023	
913259-10-7 ...	UNITIL CORP			534,000	28,072	52,569	28,072	22,769		865		646		646		06/23/2017	
91325V-10-8 ...	UNITI GROUP INC			3,786,000	21,883	5,780	21,883	43,452	568	2,272		947		947		06/24/2022	
91332U-10-1 ...	UNITY SOFTWARE INC			7,691,000	314,485	40,890	314,485	655,125				86,725		86,725		06/23/2023	
913456-10-9 ...	UNIVERSAL CORP			612,000	41,200	67,320	41,200	38,020		102		2,784		2,784		12/15/2023	
91347P-10-5 ...	UNIVERSAL DISPLAY CORP			1,248,000	238,692	191,260	238,692	77,018		1,602		98,055		98,055		06/23/2023	
91359E-10-5 ...	UNIVERSAL HEALTH REALTY INCOME			294,000	12,716	43,252	12,716	9,236		847		(1,317)		(1,317)		04/26/2005	
91359V-10-7 ...	UNIVERSAL INSURANCE HOLDINGS			1,340,000	21,413	15,980	21,413	8,616		1,032		7,223		7,223		06/28/2013	
91388P-10-5 ...	UNIVERSAL TRUCKLOAD SERVICES I			200,000	5,604	28,020	5,604	3,750	21	84		(1,084)		(1,084)		10/04/2005	
913903-10-0 ...	UNIVERSAL HEALTH SERVICES INC			1,487,000	226,678	152,440	226,678	40,669		1,190		17,175		17,175		06/26/2015	
915271-10-0 ...	UNIVEST CORP OF PENNSYLVANIA			1,012,000	22,294	22,030	22,294	33,246				850		850		06/24/2016	
91529Y-10-6 ...	UNUM GROUP			4,932,000	223,025	45,220	223,025	81,893		6,855		20,665		20,665		10/02/2006	
91680M-10-7 ...	UPSTART HOLDINGS INC			2,095,000	85,602	40,860	85,602	419,387				57,906		57,906		06/24/2022	
91688F-10-4 ...	UPWORK INC			3,454,000	51,361	14,870	51,361	67,684				15,301		15,301		06/25/2021	
916896-10-3 ...	URANIUM ENERGY CORP			7,605,000	48,672	6,400	48,672	17,151				19,165		19,165		06/24/2022	
917047-10-2 ...	URBAN OUTFITTERS INC			1,483,000	52,928	35,690	52,928	36,258				17,559		17,559		09/20/2021	
91704F-10-4 ...	URBAN EDGE PROPERTIES			3,855,000	70,547	18,300	70,547	39,777		2,467		16,230		16,230		01/16/2015	
917488-10-8 ...	UTAH MEDICAL PRODUCTS INC			149,000	12,549	84,221	12,549	5,040	45	177		(2,430)		(2,430)		06/22/2012	
918090-10-1 ...	UTZ BRANDS INC			1,426,000	23,158	16,240	23,158	31,698	81	325		542		542		06/25/2021	
918204-10-8 ...	VF CORP			8,194,000	154,047	18,800	154,047	96,368		8,112		(72,189)		(72,189)		06/24/2016	
91823B-10-9 ...	VIMI HOLDINGS CORP			2,181,000	15,594	7,150	15,594	12,285	218	872		8,375		8,375		06/24/2022	
918284-10-0 ...	VISE CORP			340,000	21,967	64,609	21,967	4,459		136		6,028		6,028		06/26/2009	
91851C-20-1 ...	VAAALCO ENERGY INC			1,428,000	6,412	4,490	6,412	10,310		357		(100)		(100)		06/24/2022	
918790-10-9 ...	VAIL RESORTS INC			1,020,000	217,739	213,470	217,739	47,973	2,101	8,119		(25,378)		(25,378)		06/23/2017	
91913Y-10-0 ...	VALERO ENERGY CORP			8,756,000	1,138,280	130,000	1,138,280	225,493		35,724		27,494		27,494		08/31/2009	
919794-10-7 ...	VALLEY NATIONAL BANCORP			9,879,000	107,286	10,860	107,286	108,329	1,087	4,347		(4,446)		(4,446)		12/02/2019	
920253-10-1 ...	VALMONT INDUSTRIES INC			582,000	135,903	233,510	135,903	48,029	349	1,397		(56,547)		(56,547)		06/22/2018	
92047W-10-1 ...	VOLVOLINE INC			4,362,000	163,924	37,580	163,924	22,709				21,505		21,505		05/15/2017	
921659-10-8 ...	VANDA PHARMACEUTICALS INC			1,691,000	7,136	4,220	7,136	21,766				(5,360)		(5,360)		06/23/2017	

E12.50

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identi- fication	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 Foreign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
92214X-10-6	VAREX IMAGING CORP			1,492,000	30,586	20,500	30,586	5,203				298		298	01/30/2017		
922280-10-2	VARONIS SYSTEMS INC			3,084,000	139,644	45,280	139,644	45,534				65,813		65,813	06/22/2018		
92240M-10-8	VECTOR GROUP LTD			4,010,000	45,233	11,280	45,233	32,602		3,208		(2,326)		(2,326)	06/25/2021		
922417-10-0	VEECO INSTRUMENTS INC			1,051,000	32,613	31,030	32,613	59,945				13,085		13,085	05/30/2017		
92242T-10-1	VECTRUS INC			455,000	21,130	46,440	21,130	1,834				2,343		2,343	09/29/2014		
92243G-10-8	VAXCYTE INC			2,438,000	153,106	62,800	153,106	98,850				33,163		33,163	06/23/2023		
922475-10-8	VEEVA SYSTEMS INC			3,720,000	716,174	192,520	716,174	183,735				106,274		106,274	06/23/2023		
92276F-10-0	VENTAS INC			10,695,000	533,039	49,840	533,039	390,434	4,813	18,970		51,229		51,229	09/21/2021		
92332V-10-7	VENTYX BIOSCIENCES INC			1,336,000	3,300	2,470	3,300	32,579				(40,498)		(40,498)	06/23/2023		
92337F-10-7	VERACYTE INC			1,983,000	54,552	27,510	54,552	51,391				7,496		7,496	06/25/2021		
92337R-10-1	VERA THERAPEUTICS INC			2,536,000	39,004	15,380	39,004	40,708				(1,705)		(1,705)	12/15/2023		
92338C-10-3	VERALTO CORP			5,330,000	438,446	82,260	438,446	39,993	480	480		398,453		398,453	10/02/2023		
92343E-10-2	VERISIGN INC			2,267,000	466,911	205,960	466,911	124,918				1,179		1,179	06/22/2018		
92343V-10-4	VERIZON COMMUNICATIONS			108,470,000	4,089,319	37,700	4,089,319	4,510,777		284,463		(184,399)		(184,399)	03/18/2022		
92343X-10-0	VERINT SYSTEMS INC			1,365,000	36,896	27,030	36,896	36,011				(12,626)		(12,626)	06/26/2015		
923451-10-8	VERITEX HOLDINGS INC			1,101,000	25,620	23,270	25,620	19,934		881		(5,296)		(5,296)	01/02/2019		
92345Y-10-6	VERISK ANALYTICS			3,676,000	878,049	238,860	878,049	186,108		4,999		229,529		229,529	06/22/2018		
92346J-10-8	VERICEL CORP			1,345,000	47,895	35,610	47,895	14,794				12,468		12,468	06/22/2018		
92511U-10-2	VERRA MOBILITY CORP			3,457,000	79,615	23,030	79,615	45,249				31,804		31,804	06/28/2019		
92532F-10-0	VERTEX PHARMACEUTICALS INC			6,592,000	2,682,219	406,890	2,682,219	249,324				778,581		778,581	06/24/2016		
92534K-10-7	VERTEX ENERGY INC			1,548,000	5,248	3,390	5,248	18,575				(4,350)		(4,350)	06/24/2022		
92537N-10-8	VERTIV HOLDINGS CO			8,969,000	430,781	48,030	430,781	158,919		224		286,398		286,398	09/15/2023		
92539P-10-1	VERVE THERAPEUTICS INC			1,017,000	14,177	13,940	14,177	33,349				(5,502)		(5,502)	06/24/2022		
92552R-40-6	VIAD CORP			679,000	24,580	36,200	24,580	17,911				8,019		8,019	07/02/2004		
92552V-10-0	VIASAT INC			1,951,000	54,530	27,950	54,530	59,554				(7,219)		(7,219)	06/23/2017		
925550-10-5	VIAVI SOLUTIONS INC			7,253,000	73,038	10,070	73,038	914,040				(3,191)		(3,191)	08/04/2015		
92556H-10-7	VIACOMCBS INC CLASS A			243,000	4,797	19,675	4,797	27,286		12		95		12	12/05/2019		
92556H-20-6	VIACOMCBS INC CLASS B			16,396,000	242,497	14,790	242,497	672,641	820	6,395		(34,268)		(34,268)	06/25/2021		
92556V-10-6	VIATRIS INC			29,136,000	315,543	10,830	315,543	391,736		13,985		(8,741)		(8,741)	11/17/2020		
92557A-10-1	VIANT TECHNOLOGY INC A			305,000	2,101	6,889	2,101	15,939				875		875	03/19/2021		
925652-10-9	VICI PROPERTIES INC			25,955,000	827,445	31,880	827,445	655,088	28,112	19,587		(11,667)		(11,667)	03/17/2023		
925815-10-2	VICOR CORP			649,000	29,166	44,940	29,166	12,475				(5,718)		(5,718)	12/17/2002		
926400-10-2	VICTORIAS SECRET & COMPANY			1,998,000	53,027	26,540	53,027	55,771				(3,063)		(3,063)	12/15/2023		
92645B-10-3	VICTORY CAPITAL HOLD CLASS A			711,000	24,487	34,440	24,487	21,798		455		2,689		2,689	06/23/2023		
92673K-10-8	VIGIL NEUROSCIENCE INC			2,372,000	8,017	3,380	8,017	22,770				(14,752)		(14,752)	06/23/2023		
92686J-10-6	VIKING THERAPEUTICS INC			2,550,000	47,456	18,610	47,456	52,017				(4,561)		(4,561)	06/23/2023		
927107-40-9	VILLAGE SUPER MARKET			292,000	7,659	26,229	7,659	4,772		292		858		858	06/30/2006		
92719V-10-0	VIMEO INC			3,939,000	15,441	3,920	15,441	13,494				1,930		1,930	09/17/2021		
92764N-10-2	VIR BIOTECHNOLOGY INC			1,798,000	18,088	10,060	18,088	71,753				(27,420)		(27,420)	06/25/2021		
92766K-10-6	VIRGIN GALACTIC HOLDINGS INC			20,242,000	49,593	2,450	49,593	228,648				(7,380)		(7,380)	12/15/2023		
92790C-10-4	VIRIDIAN THERAPEUTICS INC			699,000	15,224	21,780	15,224	7,668				(5,194)		(5,194)	06/24/2022		
928254-10-1	VIRTU FINANCIAL INC			741,000	15,013	20,260	15,013	19,791		711		(111)		(111)	06/25/2021		
92826C-83-9	VISA INC			41,145,000	10,712,101	260,350	10,712,101	854,308		76,941		2,163,816		2,163,816	12/16/2022		
928280-10-9	VIRTUS INVESTMENT PARTNERS			255,000	61,649	241,761	61,649	28,472		1,747		12,832		12,832	06/27/2014		
928298-10-8	VISHAY INTERTECHNOLOGY INC			3,447,000	82,625	23,970	82,625	37,726		1,379		8,273		8,273	06/24/2016		
92835K-10-3	VISHAY PRECISION GROUP			398,000	13,560	34,070	13,560	6,222				(1,823)		(1,823)	07/07/2010		

E1251

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identi- fication	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Desig- nation, NAIC Desig- nation Modifier and SVO Admini- strative Symbol
		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
928377-10-0	VISTA OUTDOOR INC			997,000	29,481	29,570	29,481	31,426				5,184		5,184	06/25/2021		
92839U-20-6	VISTEON CORP			759,000	94,799	124,900	94,799	48,123				(4,501)		(4,501)	06/26/2015		
92846Q-10-7	VITA COCO CO INC THE			630,000	16,160	25,651	16,160	6,671				7,453		7,453	06/24/2022		
92847W-10-3	VITAL FARMS INC			689,000	10,810	15,689	10,810	18,327				531		531	03/19/2021		
92852X-10-3	VITESSE ENERGY INC			758,000	16,593	21,891	16,593	6,475		1,516		10,118		10,118	01/17/2023		
92858V-10-1	VIZIO HOLDINGS CORP A			1,629,000	12,543	7,700	12,543	13,569				472		472	06/24/2022		
928881-10-1	VONTIER CORP			4,816,000	166,393	34,550	166,393	49,543		482		73,300		73,300	06/25/2021		
929042-10-9	VORNADO REALTY TRUST			4,805,000	135,741	28,250	135,741	237,672		3,243		35,749		35,749	12/14/2009		
929089-10-0	VOYA FINANCIAL INC			2,651,000	193,417	72,960	193,417	126,719		3,181		30,407		30,407	06/26/2015		
92915B-10-6	VOYAGER THERAPEUTICS INC			842,000	7,106	8,439	7,106	10,044				(2,938)		(2,938)	06/23/2023		
929160-10-9	VULCAN MATERIALS CO			3,379,000	767,067	227,010	767,067	153,884		5,812		175,370		175,370	08/31/2009		
92921W-30-0	VUZIX CORP			1,740,000	3,628	2,085	3,628	30,570				(2,706)		(2,706)	06/25/2021		
92922P-10-6	W&T OFFSHORE INC			3,587,000	11,694	3,260	11,694	51,271		36		(8,322)		(8,322)	06/23/2017		
929236-10-7	WD-40 CO			443,000	105,908	239,070	105,908	22,492		1,471		34,492		34,492	06/26/2015		
929328-10-2	WFS FINANCIAL CORP			2,294,000	105,363	45,930	105,363	59,708				1,353		1,353	01/03/2022		
92939U-10-6	WEC ENERGY GROUP INC			8,448,000	711,068	84,170	711,068	218,319		26,358		(81,016)		(81,016)	03/20/2020		
92942W-10-7	WIK KELLOGG CO			1,716,000	22,548	13,140	22,548	13,662		275		8,886		8,886	10/02/2023		
929566-10-7	WIABASH NATIONAL CORP			1,281,000	32,819	25,620	32,819	13,036		410		3,869		3,869	06/28/2013		
929740-10-8	WABTEC CORP			4,510,000	572,319	126,900	572,319	415,080		3,067		122,176		122,176	09/18/2020		
931142-10-3	WAL-MART STORES INC			36,661,000	5,779,607	157,650	5,779,607	1,253,365	20,897	81,943		581,443		581,443	06/24/2022		
931427-10-8	WALGREENS BOOTS ALLIANCE			17,806,000	464,915	26,110	464,915	658,763		34,188		(200,318)		(200,318)	06/23/2017		
93148P-10-2	WALKER & DUNLOP INC			771,000	85,589	111,010	85,589	27,628		1,943		25,081		25,081	06/24/2022		
93403J-10-6	WARBY PARKER INC CLASS A			2,402,000	33,868	14,100	33,868	33,170				1,465		1,465	06/24/2022		
934423-10-4	WARNER BROS DISCOVERY INC			59,079,000	672,319	11,380	672,319	1,301,728				112,250		112,250	06/24/2022		
93627C-10-1	WARRIOR MET COAL INC			1,235,000	75,298	60,970	75,298	29,664		1,433		32,518		32,518	12/17/2021		
938824-10-9	WASHINGTON FEDERAL INC			1,239,000	40,837	32,960	40,837	25,516		1,239		(731)		(731)	06/24/2016		
939653-10-1	WASHINGTON REAL ESTATE INV			107,000	1,562	14,598	1,562	2,171	19	(306)		(342)		(342)	09/18/2020		
940610-10-8	WASHINGTON TRUST BANCORP INC			581,000	18,813	32,380	18,813	12,782	325	1,301		(8,599)		(8,599)	12/17/2002		
94106L-10-9	WASTE MANAGEMENT INC			10,462,000	1,873,744	179,100	1,873,744	380,607		29,294		232,466		232,466	06/28/2013		
941848-10-3	WATERS CORP			1,510,000	497,137	329,230	497,137	53,580				(20,159)		(20,159)	12/17/2002		
94188P-10-1	WATERSTONE FINANCIAL INC			1,032,000	14,654	14,200	14,654	14,654		774		(3,137)		(3,137)	06/27/2014		
942622-20-0	WATSCO INC			901,000	386,051	428,469	386,051	53,593		8,830		161,342		161,342	06/23/2017		
942749-10-2	WATTS WATER TECHNOLOGIES INC			645,000	134,379	208,340	134,379	24,958		890		40,061		40,061	06/25/2021		
94419L-10-1	WAYFAIR INC			2,236,000	137,961	61,700	137,961	11,700				64,419		64,419	06/24/2022		
947890-10-9	WEBSTER FINANCIAL CORP			4,645,000	235,780	50,760	235,780	123,221		7,432		15,886		15,886	02/01/2022		
948849-10-4	WEIS MARKETS INC			313,000	20,019	63,958	20,019	14,343		426		(5,737)		(5,737)	06/23/2017		
949746-10-1	WELLS FARGO & CO			94,412,000	4,646,959	49,220	4,646,959	5,812,764		122,405		752,569		752,569	06/26/2015		
95040Q-10-4	WELLTOWER INC			13,840,000	1,247,953	90,170	1,247,953	874,424	5,649	21,589		308,431		308,431	12/15/2023		
95058W-10-0	WENDYS COMPANY THE			4,018,000	78,271	19,480	78,271	18,955		4,018		(12,657)		(12,657)	12/19/2008		
950755-10-8	WERNER ENTERPRISES INC			1,875,000	79,444	42,370	79,444	29,944	263			3,956		3,956	06/26/2015		
950810-10-1	WESBANCO INC			720,000	22,586	31,369	22,586	16,142	259	1,015		(4,039)		(4,039)	09/18/2020		
95082P-10-5	WESCO INTERNATIONAL INC			1,139,000	198,049	173,880	198,049	68,722		1,709		55,447		55,447	06/22/2020		
95123P-10-6	WEST BANCORPORATION INC			597,000	12,656	21,199	12,656	5,375				(2,597)		(2,597)	06/27/2008		
955306-10-5	WEST PHARMACEUTICAL SERVICES			1,891,000	665,859	352,120	665,859	88,800		1,456		220,812		220,812	06/23/2017		
957090-10-3	WESTAMERICA BANCORPORATION			1,024,000	57,764	56,410	57,764	44,951		1,761		(2,662)		(2,662)	06/24/2016		
957638-10-9	WESTERN ALLIANCE BANCORP			2,903,000	190,988	65,790	190,988	108,667		2,119		82,322		82,322	05/22/2023		

E12.52

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

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958102-10-5	WESTERN DIGITAL CORP			8,745,000	457,976	52,370	457,976	225,984				182,071		182,071	06/23/2017		
959802-10-9	WESTERN UNION COMPANY THE			8,485,000	101,141	11,920	101,141	154,162		7,976		(15,697)		(15,697)	06/26/2009		
960413-10-2	WESTLAKE CHEMICAL CORP			886,000	124,005	139,960	124,005	11,626		1,519		33,154		33,154	06/24/2005		
961450-10-5	WESTROCK CO			6,785,000	281,713	41,520	281,713	208,407		7,095		51,156		51,156	06/23/2023		
962087-10-4	WRIGHT EXPRESS CORP			1,129,000	219,647	194,550	219,647	19,591				34,886		34,886	06/24/2005		
962166-10-4	WEYERHAEUSER CO			18,821,000	654,406	34,770	654,406	296,161		31,243		70,955		70,955	06/22/2018		
963320-10-6	WHIRLPOOL CORP			1,386,000	168,773	121,770	168,773	168,378		9,702		(27,290)		(27,290)	11/13/2003		
966084-20-4	WHITESTONE			1,293,000	15,891	12,290	15,891	17,786		621		3,426		3,426	06/23/2017		
96758W-10-1	WIDEPENWEST INC			1,283,000	5,115	4,050	5,115	21,004				(6,391)		(6,391)	06/25/2021		
968223-20-6	WILEY JOHN & SONS INC			1,411,000	44,785	31,740	44,785	63,747	494	1,972		(11,740)		(11,740)	06/22/2018		
96924N-10-0	WILLDAN GROUP INC			279,000	5,999	21,502	5,999	8,230				1,018		1,018	06/23/2017		
969457-10-0	WILLIAMS COS INC			31,536,000	1,098,399	34,830	1,098,399	925,069		56,449		60,864		60,864	08/10/2018		
969904-10-1	WILLIAMS-SONOMA INC			1,622,000	327,287	201,780	327,287	66,658		5,645		140,887		140,887	06/28/2013		
971378-10-4	WILLSCOT MOBILE MINI HOLDING			5,015,000	223,168	44,500	223,168	65,501				(3,360)		(3,360)	06/24/2022		
974155-10-3	WINGSTOP INC			761,000	195,257	256,580	195,257	22,466		624		90,529		90,529	06/23/2017		
974250-10-2	WINMARK CORP			94,000	39,250	417,553	39,250	3,217		1,175		17,082		17,082	06/25/2010		
974637-10-0	WINNEBAGO INDUSTRIES			1,048,000	76,378	72,880	76,378	33,021		1,174		21,149		21,149	06/23/2017		
97650W-10-8	WINTRUST FINANCIAL CORP			1,577,000	146,267	92,750	146,267	78,537		2,523		12,979		12,979	06/23/2017		
97717P-10-4	WISDOMTREE INVESTMENTS INC			4,611,000	31,954	6,930	31,954	39,368				6,824		6,824	06/23/2017		
977852-10-2	WOLFSPEED INC			3,166,000	137,753	43,510	137,753	124,584				(80,828)		(80,828)	10/04/2021		
978097-10-3	WOLVERINE WORLD WIDE INC			2,662,000	23,665	8,890	23,665	31,494	266	1,065		(5,430)		(5,430)	06/28/2013		
980745-10-3	WOODWARD INC			1,458,000	198,478	136,130	198,478	43,194		1,283		57,620		57,620	06/23/2017		
98138H-10-1	WORKDAY INC			5,175,000	1,428,611	276,060	1,428,611	567,187				546,767		546,767	12/15/2023		
98138J-20-6	WORKHORSE GROUP INC			3,711,000	1,336	0,360	1,336	60,678				(4,305)		(4,305)	06/25/2021		
98139A-10-5	WORKIVA INC			1,379,000	140,010	101,530	140,010	40,842				24,215		24,215	06/24/2022		
981419-10-4	WORLD ACCEPTANCE CORP			160,000	20,885	130,531	20,885	6,846				10,334		10,334	06/26/2015		
981475-10-6	WORLD FUEL SERVICES CORP			415,000	9,454	22,781	9,454	18,013	58	40		(1,888)		(1,888)	06/24/2016		
981811-10-2	WORTHINGTON INDUSTRIES INC			858,000	49,378	57,550	49,378	8,357		1,081		21,160		21,160	06/26/2015		
982104-10-1	WORTHINGTON INDUSTRIES INC			858,000	24,110	28,100	24,110	4,275				19,835		19,835	12/01/2023		
98262P-10-1	WV INTERNATIONAL INC			1,421,000	12,434	8,750	12,434	86,026				6,949		6,949	06/22/2018		
98311A-10-5	WYNDHAM HOTELS & RESORTS INC			2,257,000	181,485	80,410	181,485	31,813		3,160		20,539		20,539	06/01/2018		
983134-10-7	WYNN RESORTS LTD			2,846,000	259,299	91,110	259,299	283,740		2,135		24,589		24,589	06/22/2018		
983793-10-0	XPO LOGISTICS INC			2,690,000	235,617	87,590	235,617	39,847				146,067		146,067	06/23/2017		
98379L-10-0	XPEL INC			518,000	27,894	13,598	27,894	53,849				(3,217)		(3,217)	09/18/2020		
98389B-10-0	XCEL ENERGY INC			14,186,000	878,255	61,910	878,255	379,775	7,377	29,148		(116,325)		(116,325)	06/24/2016		
984017-10-3	XENIA HOTELS & RESORTS INC			994,000	13,538	13,620	13,538	22,530	99	104		437		437	06/26/2015		
98401F-10-5	XENCOR INC			1,460,000	30,996	21,230	30,996	25,004				(7,023)		(7,023)	06/23/2017		
98419M-10-0	XYLEM INC			6,019,000	688,333	114,360	688,333	131,853		7,424		119,928		119,928	05/24/2023		
98420X-10-3	X4 PHARMACEUTICALS INC			12,196,000	10,226	0,838	10,226	23,903				(13,677)		(13,677)	06/23/2023		
98421M-10-6	XEROX HOLDINGS CORP			2,578,000	47,255	18,330	47,255	83,724	645	2,578		9,616		9,616	08/01/2019		
98422E-10-3	XERIS BIOPHARMA HOLDINGS INC			3,592,000	8,441	2,350	8,441	5,855				3,664		3,664	06/24/2022		
98422X-10-1	XPONENTIAL FITNESS INC			371,000	4,782	12,889	4,782	4,630				(3,725)		(3,725)	06/24/2022		
98423F-10-9	XOMETRY INC			911,000	32,714	35,910	32,714	36,181				3,352		3,352	06/24/2022		
98423J-10-1	SCILEX HOLDING CO			1,610,000	11,692	11,022	11,692	24,697				(6,952)		(6,952)	01/09/2023		
984241-10-9	Y MABS THERAPEUTICS INC			959,000	6,540	6,820	6,540	33,975				1,860		1,860	06/26/2020		
985817-10-5	YELP INC			2,109,000	99,840	47,340	99,840	114,871				42,180		42,180	06/23/2017		

E12.53

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

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98585N-10-6 ...	YEXT INC			2,990,000	17,611	5,890	17,611	54,275				(1,914)		(1,914)		06/22/2018	
98585X-10-4 ...	YETI HOLDING INC			2,480,000	128,414	51,780	128,414	60,540				25,966		25,966		06/25/2021	
987184-10-8 ...	YORK WATER CO			490,000	18,924	38,620	18,924	17,807	103		401	(3,116)		(3,116)		06/23/2017	
988498-10-1 ...	YUM! BRANDS INC			7,314,000	955,647	130,660	955,647	57,998		17,700		18,870		18,870		11/26/2003	
98888T-10-7 ...	ZIMVIE INC			2,080,000	36,920	17,750	36,920	21,880				15,040		15,040		06/23/2023	
989207-10-5 ...	ZEBRA TECHNOLOGIES CORP			1,393,000	380,749	273,330	380,749	49,289				23,570		23,570		06/26/2015	
98943L-10-7 ...	ZENTALIS PHARMACEUTICALS INC			14,771	14,771	15,150	14,771	49,066				(4,865)		(4,865)		06/25/2021	
98954M-10-1 ...	ZILLOW GROUP INC			1,079,000	61,201	56,720	61,201	46,228				27,525		27,525		09/18/2020	
98954M-20-0 ...	ZILLOW GROUP INC			3,952,000	228,663	57,860	228,663	182,574				101,369		101,369		06/25/2021	
98956A-10-5 ...	ZETA GLOBAL HOLDINGS CORP			2,910,000	25,666	8,820	25,666	25,038				1,892		1,892		12/16/2022	
98956P-10-2 ...	ZIMMER HOLDINGS INC			5,498,000	669,107	121,700	669,107	362,962	1,320	5,220		(31,888)		(31,888)		06/23/2017	
989701-10-7 ...	ZIONS BANCORPORATION			3,765,000	165,171	43,870	165,171	87,876				(19,917)		(19,917)		06/24/2011	
98978V-10-3 ...	ZOETIS INC			12,019,000	2,372,190	197,370	2,372,190	407,586		18,029		610,806		610,806		06/23/2017	
98980B-10-3 ...	ZIPRECRUITER INC			1,977,000	27,480	13,900	27,480	31,116				(4,982)		(4,982)		06/24/2022	
98980F-10-4 ...	ZOOMINFO TECHNOLOGIES INC			7,616,000	140,820	18,490	140,820	287,183				(88,498)		(88,498)		06/24/2022	
98980G-10-2 ...	ZSCALER INC			2,300,000	509,588	221,560	509,588	124,298				252,218		252,218		12/17/2021	
98980L-10-1 ...	ZOOM VIDEO COMMUNICATIONS			6,648,000	478,058	71,910	478,058	1,740,904				27,722		27,722		06/24/2022	
989817-10-1 ...	ZUMIEZ INC			686,000	13,953	20,340	13,953	20,156				(960)		(960)		06/23/2017	
98983L-10-8 ...	ZURN WATER SOLUTIONS CORP			3,642,000	107,111	29,410	107,111	46,117		1,056		30,083		30,083		10/05/2021	
98983V-10-6 ...	ZUORA INC CLASS A			2,992,000	28,125	9,400	28,125	45,834				9,096		9,096		06/28/2019	
98985Y-10-8 ...	ZYMEWORKS INC			1,416,000	14,712	10,390	14,712	11,483				3,229		3,229		06/23/2023	
98986M-10-3 ...	ZYNEX INC			1,048,000	11,413	10,890	11,413	8,564				(3,165)		(3,165)		06/28/2019	
60176J-10-9 ...	ALLEGION PLC			2,187,000	277,071	126,690	277,071	62,558		3,937		46,867		46,867		06/24/2016	
629183-10-3 ...	EATON CORP PLC			10,263,000	2,471,536	240,820	2,471,536	245,322		35,305		860,758		860,758		12/03/2012	
639387-10-8 ...	GLOBALFOUNDRIES INC			1,542,000	93,445	60,600	93,445	85,147				6,314		6,314		09/15/2023	
64863A-10-8 ...	INTERNATIONAL GAME TECHNOLOGY			2,584,000	70,827	27,410	70,827	42,784		2,067		12,222		12,222		09/20/2021	
665163-10-0 ...	JOBY AVIATION INC			7,073,000	47,035	6,650	47,035	36,777				23,341		23,341		06/24/2022	
67709Q-10-4 ...	ROYALTY PHARMA PLC			8,941,000	251,153	28,090	251,153	411,620		7,153		(102,196)		(102,196)		06/24/2022	
67S00T-10-4 ...	PENTAIR PLC			4,201,000	305,455	72,710	305,455	83,887		3,697		116,494		116,494		06/03/2014	
67S53R-10-4 ...	PROKIDNEY CORP			1,636,000	2,912	1,780	2,912	16,441				(13,529)		(13,529)		06/23/2023	
68807B-10-6 ...	THERAVANCE BIOPHARMA INC			1,625,000	18,265	11,240	18,265	37,658				33		33		06/23/2017	
697822-10-3 ...	PERRIGO CO PLC			2,985,000	96,057	32,180	96,057	394,846		3,260		(5,701)		(5,701)		06/26/2015	
Y58473-10-2 ...	MAXEON SOLAR TECHNOLOGIES			669,000	4,797	7,170	4,797	17,467				12,670		12,670		06/23/2023	
531229-78-9 ...	LIBERTY MEDIA CORP			4,032,000	116,041	28,780	116,041	21,299				94,742		94,742			
558256-10-3 ...	MADISON SQUARE GARDEN ENTERT			832,000	26,449	31,790	26,449	7,938				18,511		18,511			
858927-10-6 ...	STELLAR BANCORP INC			1,283,000	35,719	27,840	35,719	37,797				(2,078)		(2,078)			
92936U-10-9 ...	WP CAREY INC			5,004,000	324,309	64,810	324,309	351,642	(4,303)	4,439		(27,332)		(27,332)			
952FLB-90-9 ...	SCILEX HOLDING LOCK			1,610,000	3,115	1,935	3,115	16,873				(13,758)		(13,758)			
03879J-10-0 ...	ARBUTUS BIOPHARMA CORP	A		2,291,000	5,728	2,500	5,728	7,720				389		389		06/25/2021	
05156V-10-2 ...	AURINIA PHARMACEUTICALS INC	A		3,648,000	32,796	8,990	32,796	40,855				17,036		17,036		06/24/2022	
11259V-10-6 ...	BROOKFIELD BUSINESS CORP	A		534,000	12,432	23,281	12,432	13,050	67	41		2,398		2,398		06/24/2022	
11275Q-10-7 ...	BROOKFIELD INFRASTRUCTURE CORP	A		2,343,000	98,749	35,278	98,749	100,624	896	1,638		(11,419)		(11,419)		09/26/2023	
11284V-10-5 ...	BROOKFIELD RENEWABLE CORP	A		2,781,000	80,065	28,790	80,065	97,606		3,140		3,476		3,476			
29259W-70-0 ...	ENCORE ENERGY CORP	A		3,799,000	14,930	3,930	14,930	15,310				(380)		(380)		12/15/2023	
292671-70-8 ...	ENERGY FUELS INC	A		4,018,000	28,889	7,190	28,889	16,462				3,938		3,938		06/25/2021	
44955L-10-6 ...	I 80 GOLD CORP	A		5,121,000	9,013	1,760	9,013	11,061				(2,048)		(2,048)		06/23/2023	

E1254

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1	2	Codes		5	6	Fair Value		9	Dividends			Change in Book/Adjusted Carrying Value				17	18
		3	4			7	8		10	11	12	13	14	15	16		
CUSIP Identification	Description	Code	Foreign	Number of Shares	Book/Adjusted Carrying Value	Rate Per Share Used to Obtain Fair Value	Fair Value	Actual Cost	Declared but Unpaid	Amount Received During Year	Nonadmitted Declared But Unpaid	Unrealized Valuation Increase/ (Decrease)	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (13 - 14)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Date Acquired	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
45245E-10-9	IMAX CORP	A		1,677,000	25,189	15.020	25,189	69,096				604		604		06/26/2015	
535919-40-1	LIONS GATE ENTERTAINMENT CORP	A		2,000,000	21,800	10.900	21,800	28,221				10,380		10,380		12/09/2016	
535919-50-0	LIONS GATE ENTERTAINMENT CORP	A		3,835,000	39,079	10.190	39,079	87,188				18,255		18,255		06/23/2017	
575385-10-9	MASONITE INTERNATIONAL CORP	A		353,000	29,885	84.660	29,885	20,183				1,430		1,430		08/29/2014	
74167P-10-8	PRIMO WATER CORP	A		4,873,000	73,339	15.050	73,339	66,413	780	545		(2,388)		(2,388)		06/26/2020	
74935Q-10-7	RB GLOBAL INC	A		4,857,000	324,885	66.890	324,885	263,086		2,704		61,799		61,799		06/23/2023	
784730-10-3	SSR MINING INC	A		3,190,000	34,324	10.760	34,324	60,096		830		(15,663)		(15,663)		06/24/2022	
8676EP-10-8	SUNOPTA INC	A		2,448,000	13,391	5.470	13,391	19,387				(7,271)		(7,271)		06/24/2022	
143658-30-0	CARNIVAL CORP	D		25,476,000	472,325	18.540	472,325	963,043				266,988		266,988		06/25/2021	
806857-10-8	SCHLUMBERGER LTD	D		36,956,000	1,923,190	52.040	1,923,190	2,649,646	9,239	36,502		(52,478)		(52,478)		06/24/2016	
87265H-10-9	TRI POINTE HOMES INC	D		2,384,000	84,394	35.400	84,394	47,411				34,234		34,234		03/17/2023	
962CDS-90-6	FERROGLOBE PLC	D		2,943,000		0.000										11/17/2016	
F21107-10-1	CONSTELLUM SE	D		3,240,000	64,670	19.960	64,670	62,755				26,341		26,341		06/25/2021	
G0084W-10-1	ADIENT PLC	D		2,741,000	99,663	36.360	99,663	139,924				4,577		4,577		06/25/2021	
G01767-10-5	ALKERMES PLC	D		4,357,000	120,863	27.740	120,863	83,782				15,018		15,018		06/24/2022	
G0250X-10-7	AMCOR PLC	D		38,503,000	371,169	9.640	371,169	372,324		18,963		(87,402)		(87,402)		06/26/2020	
G02602-10-3	AMDOCS LTD	C		2,995,000	263,231	87.890	263,231	105,621	1,303	5,068		(9,015)		(9,015)		06/25/2010	
G037AX-10-1	AMBARELLA INC	D		1,114,000	68,277	61.290	68,277	30,387				(23,327)		(23,327)		06/26/2015	
G0403H-10-8	ACN PLC	D		5,159,000	1,501,372	291.020	1,501,372	167,380		12,407		(47,050)		(47,050)		04/01/2020	
G0450A-10-5	ARCH CAPITAL GROUP LTD	C		9,400,000	698,138	74.270	698,138	100,113				108,006		108,006		06/22/2018	
G0585R-10-6	ASSURED GUARANTY LTD	C		1,075,000	80,442	74.830	80,442	19,007		1,204		13,513		13,513		09/18/2020	
G0692U-10-9	AXIS CAPITAL HOLDINGS LTD	C		1,520,000	84,162	55.370	84,162	60,023	669	2,458		1,824		1,824		06/22/2007	
G0750C-10-8	AXALTA COATING SYSTEMS LTD	C		5,815,000	197,536	33.970	197,536	178,132				49,428		49,428		06/23/2017	
G0772R-20-8	BANK OF NT BUTTERFIELD & SON	D		548,000	17,541	32.009	17,541	14,169		964		1,206		1,206		06/24/2022	
G1110E-10-7	BIGHAVEN LTD	D		945,000	77,554	0.000	77,554	36,855				(36,855)		(36,855)		12/15/2023	
G1151C-10-1	ACCENTURE PLC	C		16,240,000	5,698,778	350.910	5,698,778	790,191		75,516		1,365,297		1,365,297		06/22/2018	
G1466R-17-3	BORR DRILLING LTD	D		4,580,000	33,709	7.360	33,709	34,716				(1,008)		(1,008)		09/15/2023	
G17766-10-9	CAMBIUM NETWORKS CORP	D		235,000	1,410	6.000	1,410	11,628				(3,682)		(3,682)		03/19/2021	
G1890L-10-7	CAPRI HOLDINGS LTD	D		2,937,000	147,555	50.240	147,555	180,552				(20,794)		(20,794)		06/25/2021	
G2143T-10-3	CIMPRESS PLC	D		600,000	48,030	80.050	48,030	29,361				31,464		31,464		12/03/2019	
G21810-10-9	CLARIVATE ANALYTICS PLC	D		13,091,000	121,223	9.260	121,223	341,609				12,044		12,044		06/24/2022	
G23773-10-7	CONSOLIDATED WATER CO INC	C		383,000	13,635	35.601	13,635	11,875	36	72		1,760		1,760		09/15/2023	
G25457-10-5	CREDO TECHNOLOGY GROUP HLDG	D		2,566,000	49,960	19.470	49,960	30,135				15,807		15,807		09/16/2022	
G2717B-10-8	CUSHMAN & WAKEFIELD PLC	D		3,593,000	38,804	10.800	38,804	64,402				(5,964)		(5,964)		06/28/2019	
G27907-10-7	DOLE PLC	D		1,898,000	23,326	12.290	23,326	25,281	152	304		(1,955)		(1,955)		06/23/2023	
G3075P-10-1	ENSTAR GROUP LTD	C		197,000	57,987	294.350	57,987	44,425				9,993		9,993		06/23/2023	
G3198U-10-2	ESSENT GROUP LTD	D		2,494,000	131,534	52.740	131,534	90,348		2,494		34,567		34,567		03/19/2021	
G3223R-10-8	EVEREST RE GROUP LTD	C		1,128,000	398,838	353.580	398,838	139,919		7,373		23,872		23,872		06/23/2023	
G3323L-10-0	FABRINET	D		890,000	169,394	190.330	169,394	23,984				55,278		55,278		06/26/2020	
G3421J-10-6	FERGUSON PLC	D		5,331,000	1,029,256	193.070	1,029,256	802,906	4,211	8,209		226,350		226,350		06/23/2023	
G35947-20-2	FLEX LNG LTD	D		691,000	20,080	29.059	20,080	19,264		2,332		(2,508)		(2,508)		06/24/2022	
G36738-10-5	FRESH DEL MONTE PRODUCE INC	C		1,151,000	30,214	26.250	30,214	30,812		863		69		69		06/26/2015	
G3730V-10-5	FTAI AVIATION LTD	D		2,637,000	122,357	46.400	122,357	75,967		1,582		46,390		46,390		06/23/2023	
G39108-10-8	GATES INDUSTRIAL CORP PLC	D		1,874,000	25,149	13.420	25,149	30,781				3,767		3,767		06/24/2022	
G3922B-10-7	GENPACT LTD	C		4,327,000	150,190	34.710	150,190	85,986		2,380		(50,236)		(50,236)		06/26/2020	
G39637-20-5	GOLDEN OCEAN GROUP LTD	D		3,539,000	34,541	9.760	34,541	40,448		1,770		3,787		3,787		06/24/2022	

E12.55

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1	2	Codes		5	6	Fair Value		9	Dividends			Change in Book/Adjusted Carrying Value				17	18
		3	4			7	8		10	11	12	13	14	15	16		
CUSIP Identification	Description	Code	Foreign	Number of Shares	Book/Adjusted Carrying Value	Rate Per Share Used to Obtain Fair Value	Fair Value	Actual Cost	Declared but Unpaid	Amount Received During Year	Nonadmitted Declared But Unpaid	Unrealized Valuation Increase/ (Decrease)	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (13 - 14)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Date Acquired	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
64095J-10-9	GREENLIGHT CAPITAL RE LTD	C		621,000	7,092	11.420	7,092	14,590				2,031		2,031		06/27/2008	
64388N-10-6	HELEN OF TROY LTD	C		712,000	86,017	120.810	86,017	20,016				7,049		7,049		06/22/2007	
64412G-10-1	HERBALIFE LTD	C		2,976,000	45,414	15.260	45,414	28,736				1,131		1,131		06/27/2008	
64474Y-21-4	JANUS HENDERSON GROUP PLC	D		4,371,000	131,786	30.150	131,786	171,508		6,819		28,980		28,980		06/25/2021	
64705A-10-0	ICON PLC	D		2,179,000	616,810	283.070	616,810	493,144				123,665		123,665		06/23/2023	
64740B-10-5	ICHOR HOLDINGS LTD	D		660,000	22,196	33.630	22,196	21,698				4,495		4,495		06/25/2021	
648833-10-0	WEATHERFORD INTL PLC	D		1,897,000	185,584	97.830	185,584	55,194				88,592		88,592		03/17/2023	
64918T-10-8	INVESCO LTD	C		10,471,000	186,803	17.840	186,803	248,125		8,246		(1,571)		(1,571)		06/26/2020	
65005R-10-7	JAMES RIVER GROUP HOLDINGS LTD	D		865,000	7,993	9.240	7,993	23,445		173		(10,095)		(10,095)		06/24/2022	
650871-10-5	JAZZ PHARMACEUTICALS PLC	C		1,453,000	178,719	123.000	178,719	259,508				(52,758)		(52,758)		06/25/2021	
651502-10-5	JOHNSON CONTROLS INTL	D		17,508,000	1,009,161	57.640	1,009,161	742,710	6,478	25,139		(111,351)		(111,351)		06/23/2017	
65269C-10-1	KINIKSA PHARMACEUTICALS	D		706,000	12,383	17.540	12,383	9,559				1,807		1,807		06/28/2019	
654050-10-2	LAZARD LTD	C		2,463,000	85,712	34.800	85,712	90,318		4,926		320		320		06/28/2013	
654950-10-3	LINDE PLC	D		12,560,000	5,158,518	410.710	5,158,518	3,808,348		64,056		1,350,170		1,350,170		03/01/2023	
65509L-10-1	LIVANOVA PLC	D		874,000	45,221	51.740	45,221	54,638				(3,321)		(3,321)		06/23/2017	
65698W-11-6	LUXFER HOLDINGS PLC	D		800,000	7,152	8.940	7,152	12,763		416		(3,824)		(3,824)		09/20/2019	
65960L-10-3	MEDTRONIC INC	D		34,246,000	2,821,185	82.380	2,821,185	383,493	23,630	92,204		159,586		159,586		01/27/2015	
659665-10-2	MEIRAGTX HOLDINGS PLC	D		548,000	3,847	7.020	3,847	14,729				274		274		06/28/2019	
66095L-10-9	APTIV PLC	D		7,095,000	636,563	89.720	636,563	523,067				(24,194)		(24,194)		06/23/2023	
66331P-10-4	ALPHA & OMEGA SEMICONDUCTOR	D		844,000	21,995	26.060	21,995	7,770				(2,118)		(2,118)		06/22/2012	
663365-10-3	MURAL ONCOLOGY PUB LTD	D		435,000	2,575	5.920	2,575	6,324				(3,749)		(3,749)		11/16/2023	
66359F-13-7	NABORS INDUSTRIES LTD	D		238,000	19,428	81.630	19,428	358,653				(17,431)		(17,431)		04/23/2020	
665431-12-7	NOBLE CORP PLC	D		2,852,000	137,352	48.160	137,352	92,438		1,996		30,595		30,595		06/23/2023	
665773-10-6	NORDIC AMERICAN TANKER LTD	C		12,724,000	53,441	4.200	53,441	51,354	763	842		2,087		2,087		12/15/2023	
666721-10-4	NORWEGIAN CRUISE LINE	D		11,836,000	237,193	20.040	237,193	419,607				92,321		92,321		06/24/2022	
66674U-10-8	NOVOCIURE LTD	D		2,637,000	39,370	14.930	39,370	87,536				(154,054)		(154,054)		06/26/2020	
66683N-10-3	NU HOLDINGS LTD	D		62,164,000	517,826	8.330	517,826	473,048				44,778		44,778		12/15/2023	
66700G-10-7	NVENT ELECTRIC PLC	D		4,516,000	266,850	52.880	266,850	52,880		3,161		79,346		79,346		03/19/2021	
668707-10-1	PAGSEGURO DIGITAL LTD	D		5,269,000	65,704	12.470	65,704	53,108				12,596		12,596		06/23/2023	
669451-10-5	PATRIA INVESTMENTS LTD	D		1,422,000	22,055	15.510	22,055	21,329		640		727		727		06/23/2023	
66964L-20-6	PAYSAFE LTD	D		1,006,000	12,880	12.792	12,880	66,891				(1,107)		(1,107)		12/13/2022	
672800-10-8	PROTHENA CORP PLC	D		1,011,000	36,740	36.340	36,740	41,088				(24,173)		(24,173)		06/25/2021	
67496G-10-3	RENAISSANCE HOLDINGS LTD	C		1,234,000	241,864	196.000	241,864	131,204		1,876		14,524		14,524		06/05/2020	
676279-10-1	ROIIVANT SCIENCES LTD	D		9,510,000	106,797	11.230	106,797	97,651				9,147		9,147		09/15/2023	
67738W-10-6	SFL CORP LTD	D		2,365,000	26,677	11.280	26,677	70,100		2,294		4,872		4,872		11/08/2019	
67997W-10-2	SEADRILL LIMITED	D		1,338,000	63,261	47.280	63,261	50,841				12,420		12,420		06/23/2023	
67T16G-10-3	SAPIENS INTERNATIONAL CORP	D		22,168,000	766,000	28.940	766,000	28,940	199	94		8,012		8,012		06/26/2020	
68060N-10-2	SENSATA TECHNOLOGIES HOLDING	D		3,523,000	132,359	37.570	132,359	144,713		1,656		(9,900)		(9,900)		03/28/2018	
68192H-10-6	SIRIUSPOINT LTD	D		2,745,000	31,842	11.600	31,842	41,025				15,647		15,647		03/01/2021	
68232Y-10-1	SMART GLOBAL HOLDINGS INC	D		988,000	18,703	18.930	18,703	20,638				4,001		4,001		06/24/2022	
68473T-10-0	STERIS PLC	D		2,569,000	564,795	219.850	564,795	285,967		5,087		90,326		90,326		09/16/2022	
68515B-10-6	STONECO LTD	C		7,953,000	143,393	18.030	143,393	304,549				68,316		68,316		06/24/2022	
68588X-10-3	SUPER GROUP SGHC LTD	D		3,619,000	11,472	3.170	11,472	13,824				(2,352)		(2,352)		06/23/2023	
687110-10-5	TECHNIPFMC LTD	D		11,745,000	236,544	20.140	236,544	173,463		1,175		63,081		63,081		06/23/2023	
68766E-10-9	TEXTAINER GROUP HOLDINGS LTD	D		338,000	16,630	49.201	16,630	9,609		406		6,148		6,148		06/24/2022	
68994E-10-3	TRANE TECHNOLOGIES PLC	D		5,789,000	1,411,937	243.900	1,411,937	136,073		17,367		438,864		438,864		03/02/2020	

E12.56

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identi- fication	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Desig- nation, NAIC Desig- nation Modifier and SVO Admini- strative Symbol	
		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value			
G9001E-10-2	LIBERTY LATIN AMERICA LTD	D		1,581,000	11,557	7,310	11,557	29,622					(348)		(348)		06/22/2018	
G9001E-12-8	LIBERTY LATIN AMERICA LTD	D		5,022,000	36,861	7,340	36,861	80,796					(1,306)		(1,306)		09/25/2020	
G9059U-10-7	TRINSEO PLC	D		857,000	7,173	8,370	7,173	48,728		408			(12,289)		(12,289)		06/24/2022	
G9087Q-10-2	TRONOX HOLDINGS PCL CLASS A	D		630,000	8,921	14,160	8,921	13,689		315			284		284		06/25/2021	
G9456A-10-0	GOLAR LNG LTD	C		2,739,000	62,970	22,990	62,970	68,322		2,054			548		548		03/18/2022	
G9460G-10-1	VALARIS LTD	D		1,772,000	121,506	68,570	121,506	77,645					1,683		1,683		06/24/2022	
G9618E-10-7	WHITE MOUNTAINS INSURANCE GRP	C		54,000	81,271	1,505,019	81,271	34,385		54			4,897		4,897		06/26/2015	
G96629-10-3	WILLIS TOWERS WATSON PLC	D		2,733,000	659,200	241,200	659,200	399,472	2,296	9,042			(9,238)		(9,238)		06/22/2018	
G98239-10-9	XP INC CLASS A	D		8,888,000	231,710	26,070	231,710	208,411		11,688			23,299		23,299		06/23/2023	
H11356-10-4	BUNGE LTD	C		3,814,000	385,023	100,950	385,023	301,463		2,527			83,561		83,561		11/01/2023	
H1467J-10-4	CHUBB LTD	D		10,567,000	2,388,142	226,000	2,388,142	899,535	9,088	35,345			57,062		57,062		06/24/2016	
H2906T-10-9	GARMIN LTD	D		3,952,000	507,990	128,540	507,990	257,094		11,540			143,260		143,260		06/28/2019	
L02235-10-6	ARDAGH METAL PACKAGING SA	D		4,201,000	16,132	3,840	16,132	31,158		1,428			(4,075)		(4,075)		06/24/2022	
L0223L-10-1	ARDAGH GROUP SA	D		716,000	4,353	6,080	4,353	15,665		365			(4,257)		(4,257)		06/23/2017	
L44385-10-9	GLOBANT SA	D		1,037,000	246,785	237,980	246,785	146,411					72,403		72,403		06/26/2020	
L72967-10-9	ORION ENGINEERED CARBONS SA	D		2,087,000	57,873	27,730	57,873	44,680	92	98			20,703		20,703		06/28/2019	
L7579L-10-6	PERIMETER SOLUTIONS SA	D		3,762,000	17,305	4,600	17,305	42,169					(17,079)		(17,079)		06/24/2022	
L8681T-10-2	SPOTIFY TECHNOLOGY SA	D		3,688,000	693,012	187,910	693,012	571,215					401,844		401,844		03/19/2021	
M2029K-10-4	BIRKENSTOCK HOLDING PLC	D		758,000	36,937	48,730	36,937	36,899					38		38		12/15/2023	
M5425M-10-3	INMODE LTD	D		2,055,000	45,703	22,240	45,703	73,914					(28,211)		(28,211)		06/23/2023	
M70700-10-5	NANO X IMAGING LTD	D		1,138,000	7,249	6,370	7,249	13,405					(1,149)		(1,149)		06/24/2022	
M96088-10-5	UROGEN PHARMA LTD	D		79,000	1,185	15,000	1,185	1,257					(72)		(72)		09/15/2023	
N14506-10-4	ELASTIC NV	D		2,086,000	235,092	112,700	235,092	154,679					127,663		127,663		09/18/2020	
N20944-10-9	CNH INDUSTRIAL NV	D		23,635,000	287,874	12,180	287,874	324,490					(36,615)		(36,615)		06/23/2023	
N3144W-10-5	EXPRO GROUP HOLDINGS NV	D		1,917,000	30,519	15,920	30,519	69,126	136				(4,237)		(4,237)		06/24/2022	
N53745-10-0	LYONDELLBASELL INDUSTRIES NV	D		6,951,000	660,901	95,080	660,901	529,081		34,338			83,760		83,760		06/23/2017	
N72482-12-3	GIAGEN NV	D		5,490,000	238,431	43,430	238,431	120,207					(35,356)		(35,356)		09/18/2020	
P16994-13-2	BANCO LATINOAMERICANO DE COMER	C		1,284,000	31,766	24,740	31,766	24,453		1,284			10,965		10,965		06/22/2007	
P73684-11-3	ONESPAWORLD HOLDINGS LTD	D		1,416,000	19,966	14,100	19,966	22,959					6,754		6,754		09/20/2019	
V7780T-10-3	ROYAL CARIBBEAN CRUISES LTD	C		5,914,000	765,804	129,490	765,804	321,716					445,984		445,984		06/23/2023	
Y0207T-10-0	ARMORE SHIPPING CORP	D		577,000	8,130	14,090	8,130	7,258		202			872		872		06/23/2023	
Y1771G-10-2	COSTAMARE INC	D		1,032,000	10,743	10,410	10,743	5,907		475			1,166		1,166		12/16/2016	
Y2065G-12-1	DHT HOLDINGS INC	D		3,794,000	37,219	9,810	37,219	27,108		4,363			3,528		3,528		06/25/2021	
Y2106R-11-0	DORIAN LPG LTD	D		1,083,000	47,511	43,870	47,511	4,332					26,988		26,988		12/07/2017	
Y2187A-15-0	EAGLE BULK SHIPPING INC	D		393,000	21,772	55,399	21,772	15,564		542			2,146		2,146		06/24/2022	
Y2685T-13-1	GENCO SHIPPING & TRADING LTD	D		791,000	13,123	16,590	13,123	15,566		751			973		973		06/25/2021	
Y41053-10-2	INTERNATIONAL SEAWAYS INC	D		1,167,000	53,075	45,480	53,075	27,005		7,340			9,873		9,873		07/16/2021	
Y7388L-10-3	SAFE BULKERS INC	D		1,798,000	7,066	3,930	7,066	4,279		360			1,834		1,834		06/23/2017	
Y7542C-13-0	SCORPIO TANKERS INC	D		1,584,000	96,307	60,800	96,307	67,028		743			13,443		13,443		12/15/2023	
Y95308-10-5	WAVE LIFE SCIENCES LTD	D		1,512,000	7,636	7,636	7,636	8,171					(535)		(535)		09/15/2023	
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E1257

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1	2	Codes		5	6	Fair Value		9	Dividends			Change in Book/Adjusted Carrying Value				17	18
		3	4			7	8		10	11	12	13	14	15	16		
CUSIP Identification	Description	Code	Foreign	Number of Shares	Book/Adjusted Carrying Value	Rate Per Share Used to Obtain Fair Value	Fair Value	Actual Cost	Declared but Unpaid	Amount Received During Year	Nonadmitted Declared But Unpaid	Unrealized Valuation Increase/ (Decrease)	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (13 - 14)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Date Acquired	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
66987E-20-6	NOVAGOLD RESOURCES INC		A	192.000	718	3.740	718	1,135				(430)		(430)		06/28/2019	
681276-10-0	SIGNET JEWELERS LTD		D	881.000	94,496	107.260	94,496	61,444		784		34,588		34,588		06/25/2021	
Y8565N-30-0	TEENKAY TANKERS LTD CLASS A		D	560.000	27,950	49.970	27,950	8,792		980		10,730		10,730		06/25/2021	
5029999999. Subtotal - Common Stock - Industrial and Miscellaneous (Unaffiliated) Other					1,873.415	XXX	1,873.415	1,321,357		81,458		1,876		1,876		XXX	XXX
5109999999. Total - Common Stock - Industrial and Miscellaneous (Unaffiliated)					1,197,376,826	XXX	1,197,376,826	370,269,741	1,299,604	17,265,461	2,401,895	230,412,975		230,412,975		XXX	XXX
00143W-78-4	INVESCO OPPEN DISCV MIDCAP GRWTH R6			1.000	38	28.700	38	36				2		2		12/27/2023	
022865-40-6	AMANA INCOME FUND INST			14,570.000	864,582	59.340	864,582	866,453		41,188		(1,871)		(1,871)		12/29/2023	
025076-35-7	AMERICAN CENTURY MIDCPVA FD CLA R6			1,469,181.000	22,860,461	15.560	22,860,461	23,484,489		1,217,042		161,964		161,964		12/19/2023	
091936-28-6	BLACKROCK I SHARES RUSSELL MIDCAP INDX K			3,473.000	47,541	13.690	47,541	47,119		3,513		3,513		3,513		12/29/2023	
24610B-81-8	DELAWARE SMCP VAL R6			74,185.000	5,194,405	70.020	5,194,405	5,159,158		314,243		35,334		35,334		12/27/2023	
46636U-87-6	JP Morgan EQUITY INC FD CLA R6			1,022.000	23,494	22.980	23,494	22,705		635		830		830		12/27/2023	
552743-54-4	MFS INTL DIVERSIFICATION CL R6			2,298,926.000	51,082,129	22.220	51,082,129	48,051,944		2,061,853		2,311,661		2,311,661		12/29/2023	
552987-55-4	MFS MID CAP GROWTH FUND R6			1,190,191.000	34,777,393	29.220	34,777,393	34,350,721		853		5,673,473		5,673,473		12/28/2023	
648018-81-0	AMERICAN FUNDS NEW PERSPECTIVE R6			766.000	42,828	55.930	42,828	44,098		2,284		5,747		5,747		12/18/2023	
74440B-88-4	PRUDENTIAL TOTAL RETURN BOND Q			672,139.000	8,105,995	12.060	8,105,995	7,900,705		179,055		205,290		205,290		12/29/2023	
87245M-17-8	LFCYCLE IDX 2055-INST			750.000	16,928	22.560	16,928	15,725		342		1,218		1,218		12/29/2023	
87245M-74-9	LFCYCLE IDX 2050-INST			4,706.000	131,475	27.940	131,475	124,679		2,726		6,797		6,797		12/29/2023	
87245M-75-6	LFCYCLE IDX 2045-INST			1,820.000	50,122	27.540	50,122	46,126		971		4,087		4,087		12/29/2023	
87245M-76-4	LFCYCLE IDX 2040-INST			5,837.000	154,226	26.420	154,226	147,546		3,143		6,736		6,736		12/29/2023	
87245M-77-2	LFCYCLE IDX 2035-INST			7,506.000	185,092	24.660	185,092	172,067		3,930		13,123		13,123		12/29/2023	
87245M-78-0	LFCYCLE IDX 2030-INST			2,815.000	63,645	22.610	63,645	61,425		1,504		2,290		2,290		12/29/2023	
87245M-79-8	LFCYCLE IDX 2025-INST			3,096.000	63,802	20.610	63,802	61,150		1,604		2,652		2,652		12/29/2023	
87245R-38-3	TIAA CREF SC LOW CRBN EQ-INST			1,355,962.000	27,173,479	20.040	27,173,479	25,842,046		459,315		4,589,978		4,589,978		12/26/2023	
87245R-47-4	TIAA CREF SC INTL EQ-INST			10,234,031.000	132,121,339	12.910	132,121,339	122,209,556		4,004,728		14,852,606		14,852,606		12/29/2023	
87245R-56-5	TIAA CREF LFCYCLE IDX 2060-INST			637.000	11,143	17.480	11,143	10,505		216		638		638		12/29/2023	
87245R-67-2	TIAA CREF CORE IMPACT BOND INSTL			341,200.000	3,074,211	9.010	3,074,211	3,113,450		96,149		45,314		45,314		12/29/2023	
921910-71-7	Vanguard FTSE SOCIAL INDEX ADM			87,839.000	3,974,701	45.250	3,974,701	3,551,134		32,347		612,044		612,044		12/29/2023	
00766Y-51-3	Champlain Mid Cap Institutional			1,344,945.000	32,453,516	24.130	32,453,516	31,172,242		101,401		4,154,616		4,154,616		12/29/2023	
024526-43-6	American Beacon BridgeWay Lg Cap Grth Instl R6			313,622.000	9,650,161	30.770	9,650,161	10,581,738		72,278		2,234,260		2,234,260		12/29/2023	
040337-83-4	Ariel Appreciation Institutional			11,264.000	441,787	39.220	441,787	450,563		27,574		16,043		16,043		12/19/2023	
233203-21-5	DFA US Sustainability Core 1			0.000		36.667											
233203-78-5	DELAWARE DFA Emerging Markets Port Inst			2,690,602.000	74,072,285	27.530	74,072,285	75,017,961		2,406,321		6,052,209		6,052,209		12/29/2023	
245914-51-0	Delaware Emerging Markets R6			4,080,391.000	79,486,024	19.480	79,486,024	90,149,572		2,383,591		9,196,712		9,196,712		12/29/2023	
256206-10-3	Dodge & Cox Int'l Stock Fund			1,225,851.000	60,262,840	49.160	60,262,840	54,762,613		1,347,250		7,012,828		7,012,828		12/28/2023	
298706-82-1	AF EuroPacific Growth Fd R6			5,986,382.000	327,455,117	54.700	327,455,117	344,584,534		12,444,321		32,337,770		32,337,770		12/29/2023	
45775L-40-8	TRPrice Large Cap Growth Fund			4,571,431.000	300,708,753	65.780	300,708,753	233,508,414		5,995,298		87,403,883		87,403,883		12/29/2023	
48121L-84-1	JP MORGAN LARGE CAP GROWTH R6			2,082,193.000	131,427,996	63.120	131,427,996	108,826,533		406,407		22,770,969		22,770,969		12/29/2023	
481200-22-5	JP Morgan Small Cap Value R6			1,461,556.000	39,403,537	26.960	39,403,537	38,356,274		642,294		3,763,234		3,763,234		12/29/2023	
52107V-50-0	Lazard International Equity R6			1,560,921.000	25,177,662	16.130	25,177,662	28,829,537		926,092		2,633,276		2,633,276		12/28/2023	
54401E-72-1	Lord Abnett High Yield R6			5,680,942.000	36,073,980	6.350	36,073,980	39,249,101		2,184,159		1,164,899		1,164,899		12/29/2023	
55273W-47-5	MFS Mid Cap Value R6			5,538,079.000	170,517,449	30.790	170,517,449	153,031,770		4,822,082		11,742,607		11,742,607		12/29/2023	
63868B-66-6	Nationwide Geneva Sm Cap Growth Inst			148,185.000	11,654,724	78.650	11,654,724	11,295,458		81,857		1,548,004		1,548,004		12/29/2023	
670725-37-3	NUVEEN WINSLOW LARGE-CAP GROWTH ESG R			68,802.000	3,770,327	54.800	3,770,327	3,576,852		145,978		193,475		193,475		12/28/2023	
701765-30-7	Parnassus Mid Cap Growth			16,846.000	940,486	55.830	940,486	887,508		25,894		221,309		221,309		12/29/2023	
701765-40-6	Parnassus VALUE EQUITY FUND INST			182,657.000	9,249,759	50.640	9,249,759	8,509,212		171,951		740,547		740,547		12/27/2023	

E12.59

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identi- fication	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Desig- nation, NAIC Desig- nation Modifier and SVO Admini- strative Symbol
		3 Code	4 For- eign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
701765-50-5	Parnassus MID CAP INSTL SHARES			0.000		35.000										05/12/2023	
701769-40-8	PARNASUSS CORE EQUITY FUND INST			75,402.000	4,166,693	55,260	4,166,693	3,971,688		216,210		195,005		195,005		12/29/2023	
87244W-10-2	TIAA-CREF Intl Equity Inst			43,440,830.000	564,730,798	13,000	564,730,798	499,680,940		14,557,257		64,565,317		64,565,317		12/29/2023	
87244W-30-0	TIAA-CREF Soc Choice Eq Inst			11,668,435.000	300,462,203	25,750	300,462,203	261,564,622		15,969,695		38,704,371		38,704,371		12/29/2023	
87244W-33-4	TIAA-CREF Lrge Cap Grwth Inst			8,050,907.000	190,162,426	23,620	190,162,426	178,172,772		415,085		57,659,547		57,659,547		12/29/2023	
87244W-40-9	TIAA-CREF Growth & Inc Inst			20,344,185.000	264,881,289	13,020	264,881,289	288,508,665		51,473,260		12,615,714		12,615,714		12/29/2023	
87244W-48-2	TIAA-Cref Inflation Lnkd Bd Fd			477,764.000	5,011,747	10,490	5,011,747	5,554,712		159,161		40,968		40,968		12/29/2023	
87244W-50-8	TIAA-CREF Equity Index Inst			7,716,309.000	259,808,119	33,670	259,808,119	171,543,456		3,762,980		48,970,048		48,970,048		12/29/2023	
87244W-51-6	TIAA-CREF Intl Eqty Indx Inst			52,275,211.000	1,142,736,120	21,860	1,142,736,120	991,263,199		34,653,338		136,145,817		136,145,817		12/29/2023	
87244W-57-3	TIAA-CREF Sm-Cap BInd In Inst			26,871,138.000	610,243,548	22,710	610,243,548	569,968,846		18,182,031		70,062,553		70,062,553		12/29/2023	
87244W-60-7	TIAA-CREF Bond Fund Inst			1,681,391.000	15,435,170	9,180	15,435,170	17,103,939		562,093		331,978		331,978		12/29/2023	
87244W-66-4	TIAA-CREF Lg-Cap Val Idx Inst			30,963,935.000	713,409,059	23,040	713,409,059	606,831,411		33,148,621		39,335,575		39,335,575		12/29/2023	
87244W-68-0	TIAA-CREF Lg-Cap Grw Idx Inst			10,544,380.000	546,620,637	51,840	546,620,637	403,129,434		10,171,076		149,468,418		149,468,418		12/29/2023	
87244W-70-6	TIAA-CREF Money Mkt Inst			62,137,941.000	62,137,941	1,000	62,137,941	62,137,941		2,369,393						12/29/2023	
87244W-71-4	TIAA-CREF S&P 500 Index Inst			17,747,740.000	923,769,846	52,050	923,769,846	588,777,993		13,394,794		174,358,510		174,358,510		12/29/2023	
87244W-73-0	TIAA-CREF Lge Cap Value Inst			26,061,672.000	520,451,592	19,970	520,451,592	481,689,931		40,286,842		22,405,443		22,405,443		12/29/2023	
87244W-79-7	TIAA-CREF Real Estat Sec Inst			23,109,712.000	407,193,130	17,620	407,193,130	393,413,671		10,720,720		33,277,676		33,277,676		12/29/2023	
87244W-80-5	TIAA-CREF Mid-Cap Growth Inst			9,718,891.000	193,211,547	19,880	193,211,547	237,929,333		349,160		33,256,173		33,256,173		12/29/2023	
87244W-83-9	TIAA-CREF Small-Cap Eq Inst			18,003,073.000	316,674,056	17,590	316,674,056	6,393,646		312,314,530		41,852,214		41,852,214		12/29/2023	
87244W-86-2	TIAA-CREF Mid-Cap Value Inst			25,480,016.000	419,401,062	16,460	419,401,062	469,003,562		6,716,695		35,890,076		35,890,076		12/29/2023	
87245M-21-0	TIAA-CREF Lifecyle 2055 Inst			17,791,654.000	278,795,215	15,670	278,795,215	267,352,667		5,102,974		38,729,614		38,729,614		12/29/2023	
87245M-22-8	TIAA-CREF Eng Mkt Equ Idx Inst			6,199,453.000	64,350,324	10,380	64,350,324	68,874,863		3,490,758		3,490,419		3,490,419		12/29/2023	
87245M-26-9	TIAA-CREF Eng Mkts Equity Inst			1,441,352.000	11,516,399	7,990	11,516,399	15,160,140		361,792		1,021,477		1,021,477		12/29/2023	
87245M-84-8	TIAA-CREF Bond Index Fund			18,457,652.000	178,670,074	9,680	178,670,074	202,155,824		4,684,389		4,528,355		4,528,355		12/29/2023	
87245P-47-8	TIAA CREF INSTITUTIONAL MUTUAL QUANT INTERN'L SM-CAP EQU INST			0.000		10,000										05/12/2023	
87245P-53-6	TIAA CREF INSTITUTIONAL MUTUAL INTL BOND - INSTL			0.000		10,000										05/12/2023	
87249N-88-3	TIAA CREF INSTITUTIONAL MUTUAL GREEN BOND FUND INST			58,758.000	538,225	9,160	538,225	529,032		10,495		9,193		9,193		12/29/2023	
87283A-10-2	T Rowe Price QM US Small Cap Growth Equity			856,196.000	35,420,844	41,370	35,420,844	34,016,529		829,040		4,684,955		4,684,955		12/29/2023	
880208-77-2	Templeton Global Bond R6			992,254.000	7,660,202	7,720	7,660,202	9,691,852		318,712		(115,424)		(115,424)		12/29/2023	
886315-50-6	TIAA-CREF Bond Plus II Inst			10,265,024.000	94,540,870	9,210	94,540,870	106,551,489		3,737,492		2,332,011		2,332,011		12/29/2023	
886315-56-3	TIAA-CREF Lifecyle Ret Inc Inst			4,568,925.000	49,527,147	10,840	49,527,147	53,208,159		1,577,548		3,103,349		3,103,349		12/29/2023	
886315-57-1	TIAA-CREF Lifecycle 2050 Inst			51,047,082.000	674,331,955	13,210	674,331,955	637,163,009		13,217,030		95,652,846		95,652,846		12/29/2023	
886315-58-9	TIAA-CREF Lifecycle 2045 Inst			58,654,469.000	753,123,382	12,840	753,123,382	728,774,441		15,680,971		103,139,705		103,139,705		12/29/2023	
886315-59-7	TIAA-CREF Lifecycle 2040 Inst			94,575,286.000	961,830,659	10,170	961,830,659	982,340,835		23,582,057		122,185,896		122,185,896		12/29/2023	
886315-61-3	TIAA-CREF Lifecycle 2035 Inst			79,591,232.000	798,300,058	10,030	798,300,058	825,682,036		21,479,637		87,355,988		87,355,988		12/29/2023	
886315-62-1	TIAA-CREF Lifecycle 2030 Inst			74,574,532.000	727,101,688	9,750	727,101,688	764,254,047		21,371,849		68,290,303		68,290,303		12/29/2023	
886315-63-9	TIAA-CREF Lifecycle 2025 Inst			64,162,863.000	611,472,086	9,530	611,472,086	655,694,531		19,901,862		49,237,374		49,237,374		12/29/2023	
886315-64-7	TIAA-CREF Lifecycle 2020 Inst			44,131,360.000	402,036,692	9,110	402,036,692	440,082,391		14,115,884		27,801,165		27,801,165		12/29/2023	
886315-65-4	TIAA-CREF Lifecycle 2015 Inst			17,646,294.000	154,581,536	8,760	154,581,536	170,050,015		5,669,327		9,220,212		9,220,212		12/29/2023	
886315-66-2	TIAA-CREF Lifecycle 2010 Inst			11,198,633.000	109,634,614	9,790	109,634,614	122,916,298		4,221,142		6,026,613		6,026,613		12/29/2023	
886315-79-5	TIAA-CREF High Yield II Inst			18,065,847.000	156,992,213	8,690	156,992,213	168,350,897		8,898,756		8,629,818		8,629,818		12/29/2023	
886315-80-3	TIAA-CREF Shrt Trm Bd II Inst			4,076,254.000	40,721,779	9,990	40,721,779	42,086,992		1,377,484		676,136		676,136		12/29/2023	
921909-81-8	VANGUARD TOTAL INTL STOCK INDEX ADMIRAL			0.000		30,000										05/12/2023	
921921-30-0	Vanguard Equity Income Admiral			4,712,212.000	397,098,101	84,270	397,098,101	397,475,943		29,153,381		(182,816)		(182,816)		12/29/2023	

E12.60

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 2 - SECTION 2

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identification	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
		3 Code	4 Foreign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than-Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
921926-20-0	Vanguard Vanguard Explorer Fund			2,600,063.000	268,404,480	103.230	268,404,480	264,308,415		2,372,497		41,687,583		41,687,583		12/28/2023	
921931-20-0	VANGUARD BALANCED INDEX ADM			0.000		40.000										05/12/2023	
921932-10-9	VANGUARD TREASURY MM INV			28,693,316.000	28,693,316	1.000	28,693,316	28,693,316	4,146	630,499						12/29/2023	
921935-20-1	Vanguard Wellington Fund			4,650,196.000	332,024,020	71.400	332,024,020	339,519,500		19,242,274		22,443,530		22,443,530		12/29/2023	
921937-50-4	Vanguard Total Bond Mkt Index Inst			15,683,471.000	152,286,504	9.710	152,286,504	162,579,350	14,034	3,766,440		3,271,747		3,271,747		12/29/2023	
921946-10-9	Vanguard Selected Value Fund			7,444,735.000	215,152,851	28.900	215,152,851	206,052,440		16,431,887		24,785,744		24,785,744		12/29/2023	
922031-82-8	Vanguard Intermediate Term Treasury Fd			1,314,949.000	13,136,339	9.990	13,136,339	14,924,466	1,357	427,718		95,589		95,589		12/29/2023	
922042-60-1	Vanguard Emerging Market Stock Index Fd			3,704,578.000	96,244,939	25.980	96,244,939	96,375,195		2,961,564		3,039,940		3,039,940		12/29/2023	
922042-61-9	VANGUARD TOTAL WILD STK IDX ADM			0.000		36.667										05/12/2023	
922908-37-1	VANGUARD Extended Market Indx Inst Plus			517,806.000	159,313,290	307.670	159,313,290	130,466,647		1,816,703		27,730,693		27,730,693		12/28/2023	
922908-68-6	VANGUARD SMALL-CAP IDX ADM			1.000	.68	102.195	.68	.63		2		5		5		12/27/2023	
922908-78-5	Vanguard Small Cap Value Index Fund			5,616,785.000	242,813,613	43.230	242,813,613	179,257,902		5,071,755		28,363,791		28,363,791		12/29/2023	
939330-81-7	AF Wash Mutual Investors R6			3,201,876.000	183,243,357	57.230	183,243,357	154,717,156		11,211,749		16,134,826		16,134,826		12/28/2023	
957663-66-9	LM WstrnAsst Core Plus Bond S			25,875,193.000	247,884,347	9.580	247,884,347	299,402,135		10,032,902		5,764,235		5,764,235		12/29/2023	
87245R-57-3	TIAA CREF Lifecycle 2060 Fund Inst			8,622,273.000	116,918,028	13.560	116,918,028	111,141,981		1,917,765		15,284,200		15,284,200		12/29/2023	
87249N-72-7	TIAA CREF LFCYCLE IDX 2065-INST			318.000	3,983	12.510	3,983	3,753		74		231		231		12/29/2023	
87249N-76-8	TIAA CREF LFCYCLE 2065-INST			135,937.000	1,591,825	11.710	1,591,825	1,489,754		23,189		103,378		103,378		12/29/2023	
92203J-20-9	VANGUARD TOT INT BND INDX INST			504,453.000	14,931,805	29.600	14,931,805	14,471,165		634,123		545,134		545,134		12/27/2023	
922040-20-9	Vanguard INST IDX INST PLUS			1,319,529.000	519,194,993	393.470	519,194,993	469,247,109		13,958,013		79,555,294		79,555,294		12/29/2023	
5329999999	Subtotal - Common Stocks - Mutual Funds - Designations Not Assigned by the SVO				18,163,354,236	XXX	18,163,354,236	17,215,695,701	19,537	593,822,037		2,085,478,579		2,085,478,579		XXX	XXX
5409999999	Total - Common Stocks - Mutual Funds				18,163,354,236	XXX	18,163,354,236	17,215,695,701	19,537	593,822,037		2,085,478,579		2,085,478,579		XXX	XXX
5609999999	Total - Common Stocks - Unit Investment Trusts					XXX										XXX	XXX
5809999999	Total - Common Stocks - Closed-End Funds					XXX										XXX	XXX
5979999999	Total - Common Stocks - Parent, Subsidiaries and Affiliates					XXX										XXX	XXX
5989999999	Total Common Stocks				19,360,731,062	XXX	19,360,731,062	17,585,965,442	1,319,141	611,087,498	2,401,895	2,315,891,554		2,315,891,554		XXX	XXX
5999999999	Total Preferred and Common Stocks				19,360,731,062	XXX	19,360,731,062	17,585,965,442	1,319,141	611,087,498	2,401,895	2,315,891,554		2,315,891,554		XXX	XXX

1. Line Number Book/Adjusted Carrying Value by NAIC Designation Category Footnote:
 1A 1A ..\$ 1B ..\$ 1C ..\$ 1D ..\$ 1E ..\$ 1F ..\$ 1G ..\$
 1B 2A ..\$ 2B ..\$ 2C ..\$
 1C 3A ..\$ 3B ..\$ 3C ..\$
 1D 4A ..\$ 4B ..\$ 4C ..\$
 1E 5A ..\$ 5B ..\$ 5C ..\$
 1F 6 ..\$

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ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 3

Showing All Long-Term Bonds and Stocks ACQUIRED During Current Year

1	2	3	4	5	6	7	8	9
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends
06644E-AG-3	GOVERNMENT NATIONAL MORTGAGE 6.260% 03/15/56		03/30/2023	WELLS FARGO		9,784,810	9,500,000	29,735
0109999999	Subtotal - Bonds - U.S. Governments					9,784,810	9,500,000	29,735
03076C-AM-8	AMERIPRISE FINANCIAL INC 5.150% 05/15/33		03/06/2023	GOLDMAN SACHS & COMPANY		5,985,420	6,000,000	
03115A-AA-1	AMFAM HOLDINGS INC SERIES 144A 2.805% 03/11/31		01/30/2023	WELLS FARGO		3,962,400	5,000,000	54,542
032654-BA-2	ANALOG DEVICES INC 3.450% 06/15/27		09/18/2023	Tax Free Exchange		1,021,864	1,075,000	9,581
04621X-AP-3	ASSURANT INC 6.100% 02/27/26		02/23/2023	WELLS FARGO		4,998,250	5,000,000	
05377R-GU-2	AVIS BUDGET RENTAL CAR FUNDING SERIES 2023-3A CLASS A 144A 5.440% 02/22/28		03/30/2023	CITIGROUP GLOBAL MARKETS INC		3,349,437	3,350,000	
05377R-GY-4	AVIS BUDGET RENTAL CAR FUNDING SERIES 2023-4A CLASS A 144A 5.490% 06/20/29		03/30/2023	CITIGROUP GLOBAL MARKETS INC		5,097,828	5,100,000	
05377R-GZ-1	AVIS BUDGET RENTAL CAR FUNDING SERIES 2023-4A CLASS B 144A 6.320% 06/20/29		03/30/2023	CITIGROUP GLOBAL MARKETS INC		1,799,294	1,800,000	
05553R-AZ-3	BARCLAYS COMMERCIAL MORTGAGE SERIES 2023-C19 CLASS A2B 5.753% 04/15/56		04/10/2023	BARCLAYS BANK PLC		10,099,609	10,000,000	41,549
07336D-AT-8	BARCLAYS COMMERCIAL MORTGAGE SERIES 2023-C20 CLASS A2 6.383% 07/15/56		06/21/2023	BARCLAYS BANK PLC		10,187,469	10,000,000	17,731
08160K-AE-4	BENCHMARK MORTGAGE TRUST SERIES 2019-B15 CLASS A5 2.928% 12/15/72		02/06/2023	JP MORGAN SECURITIES		3,941,379	4,450,000	2,534
08162B-BE-1	BMARK 2019-B11 A5 3.542% 05/15/52		01/26/2023	JP MORGAN SECURITIES		2,804,063	3,000,000	8,560
08162P-AZ-4	BMARK 2018-B1 AM SUB AFC 3.878% 01/15/51		01/13/2023	BREAN MURRAY CARRET & CO. LLC		2,808,281	3,000,000	5,494
081926-AC-1	BENCHMARK MORTGAGE TRUST SERIES 2023-V4 CLASS A3 6.841% 11/15/56		11/09/2023	CITIGROUP GLOBAL MARKETS INC		6,447,792	6,260,000	23,791
126650-DY-3	CVS HEALTH CORP 5.300% 06/01/33		05/30/2023	GOLDMAN SACHS & COMPANY		4,486,185	4,500,000	
210518-DU-7	CONSUMERS ENERGY CO 4.625% 05/15/33		02/13/2023	BARCLAYS BANK PLC		6,464,315	6,500,000	
30225V-AQ-0	EXTRA SPACE STORAGE LP 2.400% 10/15/31		07/21/2023	Taxable Exchange		3,972,131	5,000,000	33,333
43283B-AA-1	HILTON GRAND VACATIONS TRUST SERIES 2022-ID CLASS A 144A 3.610% 06/20/34		04/20/2023	BNP PARIBAS		156,279	163,203	65
55318E-AA-8	RMB5 MIRAVET SERIES 2023-MILLE CLASS A 144A 6.755% 06/06/28		06/02/2023	GOLDMAN SACHS & COMPANY		10,100,000	10,000,000	37,526
55400W-AA-7	MVW OWNER TRUST SERIES 2023-2A CLASS A 144A 6.180% 11/20/40		11/07/2023	SMBC NIKKO SECURITIES AMERICA		7,874,263	7,875,860	
581557-BU-8	NICKLESSON CORP 5.100% 07/15/33		06/08/2023	GOLDMAN SACHS & COMPANY		6,972,477	7,000,000	
58933Y-BK-0	MERCK & CO INC 4.500% 05/17/33		05/08/2023	JP MORGAN SECURITIES		7,992,960	8,000,000	
594918-CG-7	MICROSOFT CORP SERIES 144A 3.400% 09/15/26		10/27/2023	Taxable Exchange		356,261	375,000	1,806
594918-CH-5	MICROSOFT CORP SERIES 144A 3.400% 06/15/27		10/27/2023	Taxable Exchange		2,347,977	2,500,000	33,292
62848P-AA-8	MVW OWNER TRUST SERIES 2023-1A CLASS A 144A 4.930% 10/20/40		04/04/2023	WELLS FARGO		8,374,063	8,374,366	
64952W-EZ-2	NEW YORK LIFE GLOBAL FDG SERIES 144A 4.550% 01/28/33		01/24/2023	MORGAN STANLEY & CO. INC.		7,985,360	8,000,000	
68233J-CF-9	ONCOR ELECTRIC DELIVERY SERIES WI 4.150% 06/01/32		01/13/2023	Tax Free Exchange		6,676,799	6,700,000	32,439
6944PL-2S-7	PACIFIC LIFE OF IL SERIES 144A 4.900% 04/04/28		03/28/2023	JP MORGAN SECURITIES		5,976,780	6,000,000	
718547-AF-9	PHILLIPS 66 CO SERIES WI 3.550% 10/01/26		05/05/2023	Tax Free Exchange		1,419,663	1,450,000	4,862
743315-BB-8	PROGRESSIVE CORP 4.950% 06/15/33		05/22/2023	GOLDMAN SACHS & COMPANY		7,995,280	8,000,000	
744533-BO-2	PUBLIC SERVICE OKLAHOMA 5.250% 01/15/33		01/03/2023	WELLS FARGO		6,978,300	7,000,000	
808513-CJ-2	CHARLES SCHWAB CORP 6.196% 11/17/29		11/15/2023	CITIGROUP GLOBAL MARKETS INC		8,000,000	8,000,000	
82650B-AA-4	SIERRA RECEIVABLES FUNDING CO SERIES 2023-2A CLASS A 144A 5.800% 04/20/40		07/11/2023	DEUTSCHE BANK SECURITIES INCOR		3,125,471	3,125,512	
86746B-AA-1	SUNNOVA HESTIA 1 ISSUER LLC SERIES 2023-GRID1 CLASS 1A 144 5.750% 12/20/50		10/18/2023	SMBC NIKKO SECURITIES AMERICA		2,370,185	2,430,083	
882508-CB-8	TEXAS INSTRUMENTS INC 4.900% 03/14/33		05/11/2023	MORGAN STANLEY & CO. INC.		5,187,550	5,000,000	43,556
92345Y-AH-9	VERISK ANALYTICS INC 5.750% 04/01/33		03/02/2023	BANK OF AMERICA		5,942,340	6,000,000	
98877D-AD-7	ZF NA CAPITAL SERIES 144A 6.875% 04/14/28		04/04/2023	JP MORGAN SECURITIES		747,660	750,000	
716973-AE-2	PFIZER INVESTMENT ENTER 4.750% 05/19/33	D.	05/25/2023	Various		7,962,630	8,000,000	8,563
73730E-AC-7	POSCO SERIES 144A 5.625% 01/17/26	D.	01/09/2023	HSBC SECURITIES USA INC		2,982,000	3,000,000	
744330-AA-9	PRUDENTIAL FUNDING ASIA 3.125% 04/14/30	D.	03/03/2023	Tax Free Exchange		1,092,295	1,100,000	13,273
1109999999	Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)					196,042,310	198,879,024	372,497
05400K-AJ-9	AVOLON TLB BORROWER 1 US LLC TERM B 06/22/28		06/22/2023	Tax Free Exchange		379,829	380,029	
16117L-CB-3	CHARTER COMMUNICATION OPERATIO TERM B 12/09/30		12/07/2023	Tax Free Exchange		1,743,498	1,743,625	
43289D-AK-9	HILTON DOMESTIC OPERATIN TERM B4 11/08/30		11/08/2023	Tax Free Exchange		751,093	749,091	
73179Y-AM-9	AVIENT CORPORATION TERM B 08/29/29		08/16/2023	Tax Free Exchange		999,717	997,823	
98310C-AE-2	WYNDHAM HOTELS & RESORTS Inc TERM B 05/25/30		05/25/2023	Tax Free Exchange		2,606,738	2,620,727	
BL4122-52-1	INEOS UD FINANCE LLC TERM B 02/09/30		02/16/2023	Tax Free Exchange		1,416,089	1,414,181	
1909999999	Subtotal - Bonds - Unaffiliated Bank Loans					7,897,017	7,905,476	
2509999997	Total - Bonds - Part 3					213,724,137	216,284,500	402,232
2509999998	Total - Bonds - Part 5					4,682,812	4,674,684	35,731

E13

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 3

Showing All Long-Term Bonds and Stocks ACQUIRED During Current Year

1	2	3	4	5	6	7	8	9
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends
2509999999. Total - Bonds						218,406,949	220,959,184	437,963
4509999997. Total - Preferred Stocks - Part 3							XXX	
4509999998. Total - Preferred Stocks - Part 5							XXX	
4509999999. Total - Preferred Stocks							XXX	
002824-10-0	ABBOTT LABORATORIES		06/23/2023	Various	326.000	35,222		
002896-20-7	ABERCROMBIE & FITCH CO		03/17/2023	GUZMAN AND COMPANY	927.000	24,069		
00737L-10-3	ADTALEM GLOBAL ED INC		06/23/2023	Various	683.000	23,869		
00760J-10-8	AEHR TEST SYSTEMS		06/23/2023	Various	686.000	27,404		
00827B-10-6	AFFIRM HOLDINGS INC		12/15/2023	Various	905.000	39,793		
00857U-10-7	AGILON HEALTH INC		06/23/2023	Various	2,283.000	39,014		
009066-10-1	AIRBNB INC CLASS A		06/23/2023	Various	752.000	93,791		
00973Y-10-8	AKERO THERAPEUTICS INC		06/23/2023	Various	473.000	24,041		
013091-10-3	ALBERTSONS COMPANIES INC		12/15/2023	Various	9,654.000	202,739		
01438T-10-6	ALDEYRA THERAPEUTICS INC		06/23/2023	Various	1,235.000	8,780		
01749D-10-5	ALLEGRO MICROSYSTEMS INC		03/17/2023	Various	565.000	25,482		
02079K-30-5	ALPHABET INC		12/15/2023	Various	730.000	86,483		
02083G-10-0	ALPINE IMMUNE SCIENCES INC		12/15/2023	BBHISL NOMINEES	837.000	15,819		
02083X-10-3	ALPINE INCOME PROPERTY TRUST		06/23/2023	Various	1,558.000	23,743		
02155H-20-0	ALTIMUNE INC		12/15/2023	BBHISL NOMINEES	5,079.000	38,956		
022671-10-1	AMALGAMATED FINANCIAL CORP		12/15/2023	Various	450.000	11,709		
023135-10-6	AMAZON.COM INC		12/15/2023	Various	3,155.000	406,004		
023586-50-6	AMERCO NON VOTING		09/15/2023	Various	761.000	41,257		
025932-10-4	AMERICAN FINANCIAL GROUP INC		06/23/2023	Various	387.000	44,901		
029174-10-9	AMERICAN REALTY INVESTORS INC		06/23/2023	Various	1,201.000	26,420		
030420-10-3	AMERICAN WATER WORKS CO INC		03/17/2023	Various	163.000	23,116		
03589H-10-2	ANNEXON INC		06/23/2023	Various	7,332.000	25,514		
03676B-10-2	ANTERO MIDSTREAM CORP		06/23/2023	Various	2,392.000	25,688		
03769M-10-6	APOLLO GLOBAL MANAGEMENT INC		06/23/2023	Various	1,193.000	87,084		
03770N-10-1	APOGEE THERAPEUTICS INC		12/15/2023	BBHISL NOMINEES	530.000	12,105		
037833-10-0	APPLE INC		09/15/2023	GUZMAN AND COMPANY	1,265.000	203,324		
038169-20-7	APPLIED BLOCKCHAIN INC		06/23/2023	Various	1,825.000	14,764		
039697-10-7	ARDELYX INC		06/23/2023	Various	5,648.000	20,332		
03969K-10-8	ARCUTIS BIOTHERAPEUTICS INC		12/15/2023	BBHISL NOMINEES	13,995.000	34,148		
042315-70-5	ARMOUR RESIDENTIAL REIT INC		10/02/2023	Tax Free Exchange	412.000	40,975		
042744-10-2	ARROW FINANCIAL CORP		09/19/2023	Stock Dividend	27.000			
04635X-10-2	ASTRIA THERAPEUTICS INC		06/23/2023	Various	2,552.000	25,595		
047726-10-4	ATLANTA BRAVES HOLDINGS INC		07/19/2023	Tax Free Exchange	428.000	2,375		
047726-30-2	ATLANTA BRAVES HOLDINGS INC		07/20/2023	Spin Off	163.000	3,544		
047726-30-2	ATLANTA BRAVES HOLDINGS INC		07/19/2023	Tax Free Exchange	1,433.000	8,180		
049468-10-1	ATLISSIAN CORP		12/15/2023	Various	194.000	44,535		
049560-10-5	ATMOS ENERGY CORP		06/23/2023	Various	282.000	32,264		
051774-10-7	AURORA INNOVATION INC		06/23/2023	Various	8,068.000	19,242		
052769-10-6	AUTODESK INC		03/17/2023	GUZMAN AND COMPANY	113.000	22,500		
05356F-10-5	AVEANNA HEALTHCARE HOLDINGS		06/23/2023	Various	1,345.000	2,488		
05722G-10-0	BAKER HUGHES COMPANY		06/23/2023	Various	1,292.000	38,461		
05945F-10-3	BANCFIRST CORP		06/23/2023	Various	293.000	25,932		
05990K-10-6	BANC OF CALIFORNIA INC		12/01/2023	Tax Free Exchange	2,091.000	23,012		
064058-10-0	BANK OF NEW YORK MELLON CORP		06/23/2023	Various	1,205.000	51,619		
077347-30-0	BEL FUSE INC		06/23/2023	Various	278.000	15,422		
08265T-20-8	BENTLEY SYSTEMS INC CLASS B		06/23/2023	Various	537.000	27,772		
084670-70-2	BERKSHIRE HATHAWAY INC		12/15/2023	Various	1,195.000	402,388		
088929-10-4	BGC GROUP INC		07/03/2023	Tax Free Exchange	8,951.000	50,095		
09077A-10-6	BIOMEA FUSION INC		06/23/2023	Various	527.000	16,162		
09077B-10-4	BIOATLA INC		06/23/2023	Various	6,511.000	22,787		
094235-10-8	BLOOMIN' BRANDS INC		03/17/2023	GUZMAN AND COMPANY	898.000	22,894		

E13.1

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 3

Showing All Long-Term Bonds and Stocks ACQUIRED During Current Year

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
095825-10-5	BLUE RIDGE BANKSHARES INC		12/15/2023	BBHISL NOMINEES	11,285.000	34,984		
097023-10-5	BOEING CO		03/17/2023	Various	123.000	24,730		
101137-10-7	BOSTON SCIENTIFIC CORP		12/15/2023	Various	1,397.000	76,962		
10576N-10-2	BRAZE INC		06/23/2023	Various	916.000	36,786		
11135F-10-1	BROADCOM INC		06/23/2023	Various	370.000	295,003		
11135F-10-1	BROADCOM INC		10/23/2023	Taxable Exchange	709.000	697,456		
11373M-10-7	BROOKLINE BANCORP INC		01/26/2023	Tax Free Exchange	509.000	11,873		
12135Y-10-8	BURKE & HERBERT FINL SVCS CORP		06/23/2023	Various	479.000	36,397		
125141-10-1	CECO ENVIRONMENTAL CORP		09/15/2023	Various	756.000	12,076		
126117-10-0	CNA FINANCIAL CORP		12/15/2023	BBHISL NOMINEES	862.000	35,532		
12674W-10-9	CABALETTA BIO INC		12/15/2023	Various	2,046.000	39,544		
13123X-50-8	CALLON PETROLEUM CO		06/23/2023	Various	782.000	25,030		
14216R-10-1	CARISMA THERAPEUTICS INC		06/23/2023	Various	2,907.000	24,970		
14574X-10-4	CARROLS RESTAURANT GROUP INC		06/23/2023	Various	957.000	4,412		
146869-10-2	CARVANA CO		12/15/2023	Various	2,528.000	75,207		
14817C-11-5	CASSAVA SCIENCES INC WARRANT		12/21/2023	Spin Off	459.000	3,887		
148929-10-2	CAVA GROUP INC		09/15/2023	CABRERA CAPITAL MARKETS	417.000	14,772		
15961R-10-5	CHARGEPOINT HOLDINGS INC		12/15/2023	BBHISL NOMINEES	12,258.000	33,342		
166764-10-0	CHEVRON CORP		08/08/2023	Tax Free Exchange	920.000	94,781		
170386-10-6	CHOICEONE FINANCIAL SVCS INC		06/23/2023	Various	1,028.000	23,992		
17275R-10-2	CISCO SYSTEMS INC		09/15/2023	Various	611.000	34,240		
18452B-20-9	CLEANSARK INC		12/15/2023	BBHISL NOMINEES	3,256.000	34,644		
185899-10-1	CLIFFS NATURAL RESOURCES INC		06/23/2023	Various	1,598.000	25,295		
191216-10-0	COCA-COLA CO		12/15/2023	Various	1,850.000	108,770		
197236-10-2	COLUMBIA BANKING SYSTEM INC		03/02/2023	Tax Free Exchange	3,165.000	87,093		
200525-10-3	COMMERCE BANCSHARES INC		12/01/2023	Stock Dividend	155.000			
20454B-10-4	COMPASS THERAPEUTICS INC		06/23/2023	Various	7,441.000	23,438		
20717M-10-3	CONFLUENT INC CLASS A		06/23/2023	Various	1,384.000	45,849		
21036P-10-8	CONSTELLATION BRANDS INC		09/15/2023	GUZMAN AND COMPANY	294.000	76,541		
21077C-30-5	CONTEXTLOGIC INC		04/12/2023	Tax Free Exchange	573.000	33,517		
21077F-10-0	CONTANGO ORE INC		09/15/2023	Various	99.000	1,926		
217204-10-6	COPART INC		08/22/2023	Stock Split	10,999.000			
21867A-10-5	CORE LABORATORIES INC		06/23/2023	Various	61.000	1,398		
21871X-10-9	COREBRIDGE FINANCIAL INC		12/15/2023	Various	4,498.000	90,969		
21874C-10-2	CORE & MAIN INC CLASS A		12/15/2023	Various	2,058.000	71,998		
219350-10-5	CORNING INC		06/23/2023	Various	1,216.000	41,171		
22160K-10-5	COSTCO WHOLESALE CORP		03/17/2023	Various	59.000	28,736		
22266T-10-9	COUPANG INC		06/23/2023	Various	27,742.000	460,489		
224408-10-4	CRANE CO		04/04/2023	Spin Off	1,416.000	32,318		
22658D-10-0	CRICUT INC CLASS A		06/23/2023	Various	1,268.000	19,971		
22788C-10-5	CROWDSTRIKE HOLDINGS INC		12/15/2023	Various	160.000	41,613		
23257D-10-3	CYMABAY THERAPEUTICS INC		06/23/2023	Various	2,602.000	20,685		
233331-10-7	DTE ENERGY CO		06/23/2023	Various	384.000	42,237		
235851-10-2	DANAHER CORP		06/23/2023	Various	196.000	41,438		
236272-10-0	DANIMER SCIENTIFIC INC		12/15/2023	BBHISL NOMINEES	28,900.000	30,634		
24665A-10-3	DELEK US HOLDINGS INC		06/23/2023	Various	1,301.000	30,116		
253393-10-2	DICK'S SPORTING GOODS INC		06/23/2023	Various	201.000	27,047		
254604-10-1	DISC MEDICINE INC		06/23/2023	Various	472.000	24,764		
257651-10-9	DONALDSON CO INC		06/23/2023	Various	415.000	25,177		
25809K-10-5	DOORDASH INC		06/23/2023	Various	1,038.000	75,396		
25862V-10-5	DOUBLEVERIFY HOLDINGS INC		06/23/2023	Various	1,569.000	58,520		
25961D-10-5	DOUGLAS ELLIMAN INC		06/21/2023	Stock Dividend	100.000			
26142V-10-5	DRAFTKINGS INC		06/23/2023	Various	2,065.000	51,684		
26154D-10-0	DREAM FINDERS HOMES INC		06/23/2023	Various	643.000	14,654		
26856L-10-3	ELF BEAUTY INC		06/23/2023	Various	248.000	26,894		

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 3

Showing All Long-Term Bonds and Stocks ACQUIRED During Current Year

1	2	3	4	5	6	7	8	9
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends
26884U-10-9	EPR PROPERTIES		06/23/2023	Various	772.000	33,727		
26916J-10-6	ESS TECH INC		06/23/2023	Various	2,480.000	3,298		
282559-10-3	89B10 INC		06/23/2023	Various	1,639.000	31,303		
29082K-10-5	EMBECTA CORP		09/15/2023	Various	286.000	4,680		
292034-30-3	EMPIRE PETROLEUM CORP		06/23/2023	Various	2,539.000	22,850		
29249E-10-9	ENACT HOLDINGS INC		12/15/2023	BBHISL NOMINEES	1,241.000	35,369		
29280W-10-9	ENERGY VAULT HOLDINGS INC		09/15/2023	Various	11,731.000	34,221		
29337E-10-2	ENLIVEN THERAPEUTICS INC		06/23/2023	Various	619.000	13,048		
29364G-10-3	ENTERGY CORP		06/23/2023	Various	262.000	25,447		
29384C-10-8	ENTRADA THERAPEUTICS INC		06/23/2023	Various	1,666.000	24,557		
29430C-10-2	VESTIS CORPORATION		10/02/2023	Spin Off	3,046.000	54,345		
294600-10-1	EQUITRANS MIDSTREAM CORP		12/15/2023	Various	7,123.000	69,809		
30049A-10-7	EVOLUTION PETROLEUM CORP		06/23/2023	Various	3,165.000	25,034		
302190-10-6	EXPENSIFY INC		06/23/2023	Various	1,465.000	11,148		
30225T-10-2	EXTRA SPACE STORAGE INC		07/20/2023	Tax Free Exchange	1,971.000	81,336		
30231G-10-2	EXXON MOBIL CORP		11/02/2023	Tax Free Exchange	937.000	89,150		
30233G-20-9	EYEPOINT PHARMACEUTICALS INC		06/23/2023	Various	690.000	4,671		
302492-10-3	FLYWIRE CORP		06/23/2023	Various	818.000	25,571		
302520-10-1	FNB CORPORATION		03/17/2023	Various	1,940.000	22,473		
302941-10-9	FTI CONSULTING INC		03/17/2023	GUZMAN AND COMPANY	118.000	23,121		
30303M-10-2	FACEBOOK INC		12/15/2023	Various	135.000	45,214		
320517-10-5	FIRST HORIZON NATIONAL CORP		06/23/2023	Various	3,876.000	42,633		
320817-10-9	FIRST MERCHANTS CORP		09/15/2023	Various	587.000	17,008		
337738-10-8	FISERV INC		06/23/2023	Various	719.000	86,627		
34629L-10-3	FORGE GLOBAL HOLDINGS INC		06/23/2023	Various	481.000	1,087		
34959E-10-9	FORTINET INC		06/23/2023	Various	514.000	36,795		
34965K-10-7	FORTREA HOLDINGS INC		07/03/2023	Spin Off	2,432.000	23,740		
34984V-20-9	FORUM ENERGY TECHNOLOGIES INC		06/23/2023	Various	981.000	22,159		
358054-10-4	FRESHWORKS INC		06/23/2023	Various	4,300.000	69,699		
35952H-60-1	FUELCCELL ENERGY INC		12/15/2023	BBHISL NOMINEES	22,787.000	35,092		
35953C-10-6	FTAI INFRASTRUCTURE LLC		06/23/2023	Various	7,441.000	24,926		
35953D-10-4	FUBOTV INC		09/15/2023	GUZMAN AND COMPANY	7,295.000	20,017		
36266G-10-7	GE HEALTHCARE TECHNOLOGY		06/23/2023	Various	370.000	29,532		
36266G-10-7	GE HEALTHCARE TECHNOLOGY		01/04/2023	Spin Off	9,653.000	1,113,283		
363576-10-9	GALLAGHER ARTHUR J & COMPANY		06/23/2023	Various	135.000	28,680		
36870H-10-3	GENELUX CORP		09/15/2023	Various	376.000	8,503		
372284-20-8	GENIE ENERGY LTD		06/23/2023	Various	1,775.000	23,340		
374396-40-6	GEVO INC		06/23/2023	Various	3,195.000	4,249		
37611X-10-0	GINKGO BIOWORKS HOLDINGS INC		06/23/2023	Various	17,642.000	29,990		
37637K-10-8	GITLAB INC		09/15/2023	Various	2,273.000	110,739		
379378-20-1	GLOBAL NET LEASE INC		09/13/2023	Tax Free Exchange	2,514.000	40,894		
379577-20-8	GLOBUS MEDICAL INC		09/05/2023	Tax Free Exchange	980.000	29,452		
38046W-20-4	GOHEALTH INC CLASS A		06/23/2023	Various	1,239.000	24,010		
39818P-79-9	PEAKSTONE REALTY TRUST		06/23/2023	Various	738.000	24,649		
39868T-10-5	GRITSTONE ONCOLOGY INC		06/23/2023	Various	386.000	888		
403949-10-0	HF SINCLAIR CORP		02/28/2023	Various	2,649.000			
404251-10-0	HNI CORP		06/02/2023	Tax Free Exchange	181.000	22,574		
405024-10-0	HAEMONETICS CORP		12/15/2023	BBHISL NOMINEES	401.000	35,761		
415858-10-9	HARROW HEALTH INC		06/23/2023	Various	690.000	12,778		
418100-10-3	HASHICORP INC		06/23/2023	Various	2,484.000	65,251		
423452-10-1	HELMERICH & PAYNE INC		06/23/2023	Various	912.000	30,641		
44267T-10-2	HOWARD HUGHES HOLDINGS INC		08/14/2023	Tax Free Exchange	908.000	76,375		
44952J-10-4	CRESCENT ENERGY COMPANY		12/15/2023	Various	3,087.000	36,763		
45175G-10-8	IKENA ONCOLOGY INC		06/23/2023	Various	3,754.000	25,901		
45254E-10-7	IMMUNEERING CORP CLASS A		06/23/2023	Various	2,190.000	22,513		

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 3

Showing All Long-Term Bonds and Stocks ACQUIRED During Current Year

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
45256X-10-3	IMMUNITYBIO INC		06/23/2023	Various	8,803.000	23,678		
45790W-10-8	INOZYME PHARMA INC		06/23/2023	Various	4,356.000	24,002		
458140-10-0	INTEL CORP		12/15/2023	Various	2,150.000	83,944		
45827U-10-9	INTAPP INC		12/15/2023	BBHISL NOMINEES	944.000	36,202		
45866F-10-4	INTERCONTINENTAL EXCHANGE GRP		09/01/2023	Taxable Exchange	901.000	103,543		
459200-10-1	INTERNATIONAL BUSINESS MACHS		06/23/2023	Various	269.000	34,815		
465712-10-7	MONDEE HOLDINGS INC		06/23/2023	Various	2,864.000	25,345		
46578C-10-8	IVANHOE ELECTRIC INC		06/23/2023	Various	1,480.000	19,994		
46625H-10-0	JP MORGAN CHASE & CO		12/15/2023	Various	341.000	56,343		
477143-10-1	JETBLUE AIRWAYS CORP		06/23/2023	Various	3,660.000	29,059		
478160-10-4	JOHNSON & JOHNSON		12/15/2023	Various	446.000	68,593		
48251W-10-4	KKR & CO INC		06/23/2023	Various	2,008.000	107,602		
48253L-20-5	KLX ENERGY SERVICES HOLDING		06/23/2023	Various	162.000	1,460		
48576A-10-0	KARUNA THERAPEUTICS INC		06/23/2023	Various	136.000	30,910		
48666K-10-9	KB HOME		06/23/2023	Various	552.000	28,713		
49177J-10-2	KENVUE INC		09/15/2023	Various	35,789.000	825,533		
49177J-10-2	KENVUE INC		08/18/2023	Tax Free Exchange	9,291.000	37,243		
49271V-10-0	KEURIG DR PEPPER INC		06/23/2023	Various	2,467.000	76,916		
498894-10-4	KNIFE RIVER CORP		06/01/2023	Spin Off	1,339.000	17,479		
500754-10-6	KRAFT HEINZ CO THE		06/23/2023	Various	2,250.000	80,793		
501270-10-2	KURA SUSHI USA INC CLASS A		06/23/2023	Various	155.000	13,396		
501889-20-8	LKQ CORP		06/23/2023	Various	672.000	36,568		
515098-10-1	LANDSTAR SYSTEM INC		06/23/2023	Various	142.000	26,409		
516544-10-3	LANTHEUS HOLDINGS INC		12/15/2023	Various	457.000	34,750		
520776-10-5	LAWSON PRODUCTS		05/30/2023	Capital Contribution	0.000	1,125		
520776-10-5	LAWSON PRODUCTS		05/30/2023	Tax Free Exchange	25.000	21		
520776-10-5	LAWSON PRODUCTS		09/01/2023	Stock Split	271.000			
52661A-10-8	LEONARDO DRG INC		06/23/2023	Various	1,340.000	22,068		
529043-10-1	LEXINGTON REALTY TRUST		06/23/2023	Various	2,814.000	26,225		
53115L-10-4	LIBERTY ENERGY INC		09/15/2023	Various	4,256.000	64,439		
531229-72-2	LIBERTY MEDIA CORP		08/04/2023	Tax Free Exchange	228.000	3,645		
531229-74-8	LIBERTY MEDIA CORP		08/04/2023	Tax Free Exchange	489.000	4,955		
531229-75-5	LIBERTY MEDIA CORP		08/04/2023	Tax Free Exchange	4,828.000	172,758		
531229-77-1	LIBERTY MEDIA CORP		08/04/2023	Tax Free Exchange	300.000	12,306		
531229-81-3	LIBERTY MEDIA CORP		08/04/2023	Tax Free Exchange	1,910.000	14,079		
533900-10-6	LINCOLN ELECTRIC HOLDINGS INC		06/23/2023	Various	158.000	29,953		
538146-10-1	LIVEPERSON INC		12/15/2023	BBHISL NOMINEES	10,425.000	34,507		
549498-10-3	LUCID GROUP INC		06/23/2023	Various	5,038.000	27,556		
553058-10-1	M/I HOMES INC		03/17/2023	Various	492.000	28,922		
55306N-10-4	MKS INSTRUMENTS INC		06/23/2023	Various	260.000	26,308		
55328R-10-9	TINGO GROUP INC		06/23/2023	Various	18,383.000	21,874		
55354G-10-0	MSCI INC		03/17/2023	GUZMAN AND COMPANY	41.000	22,021		
565394-10-3	MAPLEBEAR INC		12/15/2023	BBHISL NOMINEES	541.000	13,309		
565788-10-6	MARATHON DIGITAL HOLDINGS INC		06/23/2023	Various	2,134.000	27,121		
568540-20-0	MARINUS PHARMACEUTICALS INC		06/23/2023	Various	1,321.000	13,236		
57636Q-10-4	MASTERCARD INC		03/17/2023	GUZMAN AND COMPANY	85.000	29,721		
57638P-10-4	MASTERBRAND INC		06/23/2023	Various	3,140.000	34,726		
577345-10-1	MAUI LAND & PINEAPPLE CO INC		12/15/2023	BBHISL NOMINEES	2,370.000	35,550		
58463J-30-4	MEDICAL PROPERTIES TRUST INC		12/15/2023	Various	10,203.000	64,969		
589889-10-4	MERIT MEDICAL SYSTEMS INC		06/23/2023	Various	337.000	27,690		
59001A-10-2	MERITAGE HOMES CORP		03/17/2023	Various	214.000	23,427		
594918-10-4	MICROSOFT CORP		12/15/2023	Various	1,131.000	367,786		
594972-40-8	MICROSTRATEGY INC		12/15/2023	BBHISL NOMINEES	77.000	43,922		
595017-10-4	MICROCHIP TECHNOLOGY INC		06/23/2023	Various	299.000	24,508		
600544-10-0	MILLER HERMAN INC COM		12/15/2023	Various	1,504.000	42,939		

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 3

Showing All Long-Term Bonds and Stocks ACQUIRED During Current Year

1	2	3	4	5	6	7	8	9
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends
609839-10-5	MONOLITHIC POWER SYSTEMS INC		03/17/2023	GUZMAN AND COMPANY	58.000	28.322		
61174X-10-9	MONSTER BEVERAGE CORP		03/28/2023	Stock Split	9,553.000			
615394-20-2	MOOG INC		06/23/2023	Various	312.000	32.955		
624756-10-2	MUELLER INDUSTRIES INC		10/23/2023	Stock Split	1,274.000			
62482R-10-7	MR COOPER GROUP INC		03/17/2023	GUZMAN AND COMPANY	611.000	23.508		
62548M-10-0	MULTIPLAN CORP		09/15/2023	Various	10,131.000	17.263		
626755-10-2	MURPHY USA INC		09/15/2023	CABRERA CAPITAL MARKETS	104.000	34.721		
629377-50-8	NRG ENERGY INC		06/23/2023	Various	985.000	34.168		
629445-20-6	NVE CORP		06/23/2023	Various	127.000	11.786		
629579-10-3	NACCO INDUSTRIES INC		06/23/2023	Various	726.000	25.133		
63001N-10-6	NOR ATLEOS CORP		10/17/2023	Spin Off	1,979.000	19.543		
631103-10-8	NASDAQ INC		08/16/2023	Stock Split	5,786.000			
637417-10-6	NATIONAL RETAIL PROPERTIES INC		05/15/2023	Various	421.000	18.833		
637870-10-6	NATIONAL STORAGE AFFILIATES TR		12/15/2023	Various	1,034.000	41.401		
63942X-10-6	NAVITAS SEMICONDUCTOR CORP		06/23/2023	Various	2,707.000	23.739		
64110Y-10-8	NET LEASE OFFICE PORPERTY		11/02/2023	Tax Free Exchange	333.000	349.128		
649445-10-3	NEW YORK COMMUNITY BANCORP INC		06/23/2023	Various	2,418.000	25.315		
649604-84-0	NEW YORK MORTGAGE TRUST INC		03/09/2023	Tax Free Exchange	2,274.000	31.496		
651639-10-6	NEWMONT MINING CORP		10/26/2023	Various	9,044.000	338.951		
65290E-10-1	NEXTRACKER INC		03/17/2023	Various	793.000	23.056		
65339F-10-1	NEXTERA ENERGY INC		06/23/2023	Various	865.000	64.153		
65345M-10-8	NEXTDOOR HOLDINGS INC		06/23/2023	Various	3,861.000	11.659		
654110-10-5	NIKOLA CORP		09/15/2023	GUZMAN AND COMPANY	15,920.000	19.008		
655664-10-0	NORDSTROM INC		12/15/2023	BBHISL NOMINEES	1,968.000	34.558		
67066G-10-4	NVIDIA CORP		12/15/2023	Various	151.000	73.824		
670703-10-7	NUVALENT INC		06/23/2023	Various	572.000	25.081		
67079K-10-0	NUSCALE POWER CORP		06/23/2023	Various	1,422.000	10.337		
67080T-10-8	NUVECTIS PHARMA INC		06/23/2023	Various	1,389.000	23.542		
670837-10-3	OGE ENERGY CORP		09/15/2023	GUZMAN AND COMPANY	1,000.000	35.774		
680033-10-7	OLD NATIONAL BANCORP		03/17/2023	Various	1,812.000	26.082		
68062P-10-6	OLEMA PHARMACEUTICALS INC		09/15/2023	Various	685.000	8.832		
680665-20-5	OLIN CORP		06/23/2023	Various	542.000	26.145		
681936-10-0	OMEGA HEALTHCARE INVESTORS INC		12/15/2023	BBHISL NOMINEES	1,139.000	35.104		
682189-10-5	ON SEMICONDUCTOR CORP		03/17/2023	Various	278.000	21.763		
682680-10-3	ONEOK INC		12/15/2023	Various	3,357.000	228.041		
683712-10-3	OPENDOOR TECHNOLOGIES INC		06/23/2023	Various	8,144.000	23.862		
68389X-10-5	ORACLE CORP		12/15/2023	Various	638.000	65.918		
68752M-10-8	ORTHOFIX MEDICAL INC		01/05/2023	Tax Free Exchange	266.000	9.120		
69331C-10-8	PG&E CORP		12/15/2023	Various	13,120.000	226.120		
69349H-10-7	PMM RESOURCES INC		12/15/2023	BBHISL NOMINEES	852.000	36.610		
693718-10-8	PACCAR INC		02/07/2023	Stock Dividend	4,438.000			
69376K-10-6	P10 INC		06/23/2023	Various	1,141.000	12.436		
697435-10-5	PALO ALTO NETWORKS INC		09/15/2023	Various	314.000	67.097		
70202L-10-2	PARSONS CORP		06/23/2023	Various	593.000	28.035		
703481-10-1	PATTERSON-UTI ENERGY INC		09/01/2023	Tax Free Exchange	3,840.000	41.159		
708430-10-3	PENNIS WOODS BANCORP INC		06/23/2023	Various	917.000	23.831		
713448-10-8	PEPSICO INC		03/17/2023	GUZMAN AND COMPANY	165.000	28.897		
71880K-10-1	PHINIA INC		07/05/2023	Spin Off	1,246.000	9.505		
72352L-10-6	PINTEREST INC CLASS A		03/17/2023	GUZMAN AND COMPANY	1,072.000	28.273		
728RGT-01-0	PLBY GROUP INC RIGHTS		01/23/2023	Various	(533.000)	(16.238)		
729139-10-5	PLIANT THERAPEUTICS INC		06/23/2023	Various	1,499.000	31.237		
729273-10-2	PLUMAS BANCORP		12/15/2023	BBHISL NOMINEES	923.000	36.772		
73730P-10-8	POSEIDA THERAPEUTICS INC		06/23/2023	Various	10,461.000	24.582		
73939C-10-6	POWERSCHOOL HOLDINGS INC		12/15/2023	BBHISL NOMINEES	1,562.000	35.223		
74144T-10-8	PRICE T ROWE GROUP INC		06/23/2023	Various	254.000	27.006		

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 3

Showing All Long-Term Bonds and Stocks ACQUIRED During Current Year

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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
74158E-10-4	PRIMEENERGY RESOURCES CORP		06/23/2023	Various	260.000	24.361		
74168J-10-1	PRIME MEDICINE INC		06/23/2023	Various	1,074.000	16.109		
742718-10-9	PROCTER & GAMBLE CO		12/15/2023	Various	1,027.000	150.665		
74276R-10-2	PRIVIA HEALTH GROUP INC		12/15/2023	BBHISL NOMINEES	1,770.000	39.896		
74365A-30-9	PROTALIX BIOTHERAPEUTICS INC		06/23/2023	Various	11,062.000	24.778		
744413-10-5	P3 HEALTH PARTNERS INC		06/23/2023	Various	5,953.000	20.002		
74587B-10-1	PULSE BIOSCIENCES INC		06/23/2023	Various	324.000	2.073		
75120L-10-0	RALLYBIO CORP		06/23/2023	Various	3,157.000	25.696		
75134P-50-1	RAMACO RESOURCES INC		06/22/2023	Spin Off	128.000	1.627		
75134P-60-0	RAMACO RESOURCES INC		06/22/2023	Spin Off	646.000	7.207		
754730-10-9	RAYMOND JAMES FINANCIAL INC		10/10/2023	Various	235.000	13.207		
754730-10-9	RAYMOND JAMES FINANCIAL INC		10/10/2023	Tax Free Exchange	236.000	13.248		
75525N-10-7	RAYZEBIO INC		12/15/2023	BBHISL NOMINEES	517.000	13.644		
75574U-10-1	READY CAPITAL CORP REIT		05/31/2023	Tax Free Exchange	2,313.000	42.370		
756109-10-4	REALTY INCOME CORP		12/15/2023	Various	1,582.000	91.508		
75629V-10-4	RECURSION PHARMACEUTICALS		12/15/2023	BBHISL NOMINEES	3,731.000	36.191		
758849-10-3	REGENCY CENTERS CORP		08/18/2023	Tax Free Exchange	412.000	21.765		
75960P-10-4	REMITLY GLOBAL INC		09/15/2023	GUZMAN AND COMPANY	1,358.000	35.313		
75974E-10-3	RENEO PHARMACEUTICALS INC		06/23/2023	Various	3,329.000	23.468		
76009N-10-0	RENT-A-CENTER INC		06/23/2023	Various	774.000	23.598		
76155X-10-0	REVOLUTION MEDICINES INC		12/15/2023	BBHISL NOMINEES	1,531.000	40.771		
76155X-10-0	REVOLUTION MEDICINES INC		11/10/2023	Tax Free Exchange	404.000	17.832		
76169C-10-0	REXFORD INDUSTRIAL REALTY INC		03/17/2023	GUZMAN AND COMPANY	389.000	22.357		
76243J-10-5	RHYTHM PHARMACEUTICALS INC		06/23/2023	Various	1,363.000	23.771		
767292-10-5	RIOT BLOCKCHAIN INC		12/15/2023	BBHISL NOMINEES	2,257.000	35.277		
76954A-10-3	RIVIAN AUTOMOTIVE INC		09/15/2023	GUZMAN AND COMPANY	4,360.000	105.442		
781846-20-9	RUSH ENTERPRISES INC		08/29/2023	Stock Split	439.000			
781846-30-8	RUSH ENTERPRISES INC		08/29/2023	Stock Split	192.000			
78377T-10-7	RYMAN HOSPITALITY PROPERTIES		06/23/2023	Various	315.000	28.194		
783859-10-1	S&T BANCORP INC		03/17/2023	Various	646.000	21.036		
78413P-10-1	SEACOR MARINE HOLDINGS INC		06/23/2023	Various	2,348.000	26.319		
78646V-10-7	SAFEHOLD INC		03/31/2023	Taxable Exchange	245.000	6.929		
78646V-10-7	SAFEHOLD INC		03/31/2023	Tax Free Exchange	585.000	24.437		
80517M-10-9	SAVERS VALUE VILLAGE INC		09/15/2023	Various	697.000	13.762		
80706P-10-3	SCHOLAR ROCK HOLDING CORP		12/15/2023	BBHISL NOMINEES	1,423.000	27.009		
811543-10-7	SEABOARD CORP		12/15/2023	BBHISL NOMINEES	5.000	17.878		
816307-30-0	SELECTQUOTE INC		09/15/2023	Various	3,622.000	4.506		
816851-10-9	SEMPRA ENERGY		08/22/2023	Stock Split	8,016.000			
81730H-10-9	SENTINELONE INC CLASS A		12/15/2023	BBHISL NOMINEES	1,377.000	36.298		
81761L-10-2	SERVICE PROPERTIES TRUST		12/15/2023	Various	4,948.000	41.706		
81762P-10-2	SERVICENOW INC		03/17/2023	GUZMAN AND COMPANY	85.000	37.485		
81948W-10-4	SHARECARE INC		06/23/2023	Various	8,181.000	13.907		
82489W-10-7	SHOALS TECHNOLOGIES GROUP		03/17/2023	Various	1,290.000	25.947		
829242-10-6	SINCLAIR INC		06/01/2023	Tax Free Exchange	132.000	3.877		
83088M-10-2	SKYWORKS SOLUTIONS INC		06/23/2023	Various	252.000	25.707		
830940-10-2	SKYWARD SPECIALTY INSURANCE		09/15/2023	CABRERA CAPITAL MARKETS	648.000	16.708		
832696-40-5	SMUCKER JM COMPANY		11/08/2023	Taxable Exchange	93.000	10.320		
836100-10-7	SOUNDHOUND AI INC		06/23/2023	Various	3,805.000	13.926		
84265V-10-5	SOUTHERN COPPER CORP		12/15/2023	Various	436.000	35.874		
848577-10-2	SPIRIT AIRLINES INC		12/15/2023	Various	3,372.000	52.622		
85205L-10-7	SPRINGWORKS THERAPEUTICS INC		12/15/2023	BBHISL NOMINEES	1,025.000	34.840		
85208T-10-7	SPRINKLR INC		06/23/2023	Various	2,308.000	31.064		
85512G-10-6	STAR HOLDINGS		03/31/2023	Spin Off	235.000	15.444		
861896-10-8	STONEX GROUP INC		11/27/2023	Stock Split	301.000			
86333M-10-8	STRIDE INC		03/17/2023	Various	692.000	26.755		

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 3

Showing All Long-Term Bonds and Stocks ACQUIRED During Current Year

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
863667-10-1	STRYKER CORP		06/23/2023	Various	89.000	26,510		
86627T-10-8	SUMMIT THERAPEUTICS INC		06/23/2023	Various	10,163.000	26,932		
86771W-10-5	SUNRUN INC		12/15/2023	Various	1,982.000	36,925		
86881A-10-0	SURGERY PARTNERS INC		06/23/2023	Various	864.000	34,955		
87256C-10-1	TKO GROUP HOLDINGS INC		09/12/2023	Tax Free Exchange	1,153.000	39,588		
872657-10-1	TPG INC		06/23/2023	Various	1,717.000	46,785		
87615L-10-7	TARGET HOSPITALITY CORP		06/23/2023	Various	829.000	11,042		
87724P-10-6	TAYLOR MORRISON HOME CORP		09/15/2023	Various	1,466.000	67,264		
879433-82-9	TELEPHONE & DATA SYSTEMS INC		09/15/2023	GUZMAN AND COMPANY	1,931.000	33,260		
880779-10-3	TEREX CORP		03/17/2023	GUZMAN AND COMPANY	488.000	22,113		
88080T-10-4	TERAWULF INC		12/15/2023	BBHISL NOMINEES	19,971.000	35,548		
880881-10-7	TERNS PHARMACEUTICALS INC		06/23/2023	Various	1,158.000	12,668		
88160R-10-1	TESLA MOTORS INC		12/15/2023	Various	4,494.000	1,152,599		
888787-10-8	TOAST INC CLASS A		06/23/2023	Various	3,253.000	70,065		
89532M-10-1	TREVI THERAPEUTICS INC		06/23/2023	Various	9,226.000	25,277		
902973-30-4	US BANCORP		06/23/2023	Various	4,252.000	136,585		
90353T-10-0	UBER TECHNOLOGIES INC		12/15/2023	Various	803.000	49,674		
91324P-10-2	UNITEDHEALTH GROUP INC		12/15/2023	Various	127.000	64,248		
91332U-10-1	UNITY SOFTWARE INC		06/23/2023	Various	887.000	33,234		
913456-10-9	UNIVERSAL CORP		12/15/2023	BBHISL NOMINEES	580.000	36,726		
91347P-10-5	UNIVERSAL DISPLAY CORP		06/23/2023	Various	208.000	28,276		
92243G-10-8	VAXCYTE INC		06/23/2023	Various	498.000	26,920		
922475-10-8	VEEVA SYSTEMS INC		06/23/2023	Various	243.000	48,782		
92332V-10-7	VENTIX BIOSCIENCES INC		06/23/2023	Various	758.000	24,846		
92337R-10-1	VERA THERAPEUTICS INC		12/15/2023	Various	2,536.000	40,708		
92338C-10-3	VERALTO CORP		10/02/2023	Spin Off	5,330.000	39,993		
92537N-10-8	VERTIV HOLDINGS CO		09/15/2023	Various	892.000	34,051		
925652-10-9	VICI PROPERTIES INC		03/17/2023	GUZMAN AND COMPANY	1,492.000	46,512		
926400-10-2	VICTORIAS SECRET & COMPANY		12/15/2023	BBHISL NOMINEES	1,557.000	40,311		
92645B-10-3	VICTORY CAPITAL HOLD CLASS A		06/23/2023	Various	711.000	21,798		
92673K-10-8	VIGIL NEUROSCIENCE INC		06/23/2023	Various	2,372.000	22,770		
92686J-10-6	VIKING THERAPEUTICS INC		06/23/2023	Various	2,550.000	52,017		
92766K-10-6	VIRGIN GALACTIC HOLDINGS INC		12/15/2023	BBHISL NOMINEES	13,886.000	34,854		
92852X-10-3	VITESSE ENERGY INC		01/17/2023	Spin Off	758.000	6,475		
92915B-10-6	VOYAGER THERAPEUTICS INC		06/23/2023	Various	842.000	10,044		
92942W-10-7	WK KELLOGG CO		10/02/2023	Spin Off	1,716.000	13,662		
949746-10-1	WELLS FARGO & CO		03/17/2023	Various	1,101.000	41,578		
95040Q-10-4	WELLTOWER INC		12/15/2023	Various	1,601.000	137,256		
957638-10-9	WESTERN ALLIANCE BANCORP		05/22/2023	Various	2,903.000	108,667		
96145D-10-5	WESTROCK CO		06/23/2023	Various	1,009.000	27,473		
98138H-10-1	WORKDAY INC		12/15/2023	BBHISL NOMINEES	151.000	41,178		
982104-10-1	WORTHINGTON INDUSTRIES INC		12/01/2023	Spin Off	858.000	4,275		
98419M-10-0	XYLEM INC		05/24/2023	Tax Free Exchange	1,580.000	77,549		
98420X-10-3	X4 PHARMACEUTICALS INC		06/23/2023	Various	12,196.000	23,903		
98423J-10-1	XPERI INC		01/09/2023	Spin Off	1,610.000	24,697		
98888T-10-7	ZIMVIE INC		06/23/2023	Various	2,080.000	21,880		
98985Y-10-8	ZYNEWORKS INC		06/23/2023	Various	1,416.000	11,483		
639387-10-8	GLOBALFOUNDRIES INC		09/15/2023	Various	1,003.000	58,085		
67553R-10-4	PROKIDNEY CORP		06/23/2023	Various	1,636.000	16,441		
Y58473-10-2	MAXEON SOLAR TECHNOLOGIES		06/23/2023	Various	669.000	17,467		
11275Q-10-7	BROOKFIELD INFRASTRUCTURE CORP	A	06/23/2023	Various	710.000	32,055		
11275Q-10-7	BROOKFIELD INFRASTRUCTURE CORP	A	09/26/2023	Taxable Exchange	481.000	17,230		
29259W-10-0	ENCORE ENERGY CORP	A	12/15/2023	BBHISL NOMINEES	3,799.000	15,310		
44955L-10-6	I 80 GOLD CORP	A	06/23/2023	Various	5,121.000	11,061		
74935Q-10-7	RB GLOBAL INC	A	06/23/2023	Various	2,787.000	154,390		
74935Q-10-7	RB GLOBAL INC	A	03/21/2023	Taxable Exchange	2,070.000	108,696		

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 3

Showing All Long-Term Bonds and Stocks ACQUIRED During Current Year

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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
87265H-10-9	TRI POINTE HOMES INC	D	03/17/2023	GLIZMAN AND COMPANY	1,046,000	25,286		
G1110E-10-7	BIOHAVEN LTD	D	12/15/2023	BBHSL NOMINEES	945,000	36,855		
G1466R-17-3	BORR DRILLING LTD	D	09/15/2023	Various	4,580,000	34,716		
G23773-10-7	CONSOLIDATED WATER CO INC	C	09/15/2023	Various	383,000	11,875		
G27907-10-7	DOLE PLC	D	06/23/2023	Various	1,898,000	25,281		
G3075P-10-1	ENSTAR GROUP LTD	C	06/23/2023	Various	123,000	30,897		
G3223R-10-8	EVEREST RE GROUP LTD	C	06/23/2023	Various	90,000	31,108		
G3421J-10-6	FERGUSON PLC	D	06/23/2023	Various	5,331,000	802,906		
G3730V-10-5	FTAI AVIATION LTD	D	06/23/2023	Various	2,637,000	75,967		
G4705A-10-0	ICON PLC	D	06/23/2023	Various	2,179,000	493,144		
G48833-10-0	WEATHERFORD INTL PLC	D	03/17/2023	Various	434,000	22,496		
G54950-10-3	LINDE PLC	D	03/01/2023	Tax Free Exchange	12,560,000	3,808,348		
G63365-10-3	MURAL ONCOLOGY PUB LTD	D	11/16/2023	Spin Off	435,000	6,324		
G65431-12-7	NOBLE CORP PLC	D	06/23/2023	Various	664,000	24,248		
G65773-10-6	NORDIC AMERICAN TANKER LTD	C	12/15/2023	Various	12,724,000	51,354		
G6683N-10-3	NU HOLDINGS LTD	D	12/15/2023	Various	62,164,000	473,048		
G68707-10-1	PAGSEURO DIGITAL LTD	D	06/23/2023	Various	5,269,000	53,108		
G69451-10-5	PATRIA INVESTMENTS LTD	D	06/23/2023	Various	1,422,000	21,329		
G76279-10-1	ROIVANT SCIENCES LTD	D	09/15/2023	Various	9,510,000	97,651		
G7997W-10-2	SEADRILL LIMITED	D	06/23/2023	Various	1,338,000	50,841		
G8588X-10-3	SUPER GROUP SGHC LTD	D	06/23/2023	Various	3,619,000	13,824		
G87110-10-5	TECHNIPMFC LTD	D	06/23/2023	Various	11,745,000	173,463		
G98239-10-9	XP INC CLASS A	D	06/23/2023	Various	8,888,000	208,411		
H11356-10-4	BUNGE LTD	C	11/01/2023	Tax Free Exchange	3,814,000	301,463		
M2029K-10-4	BIRKENSTOCK HOLDING PLC	D	12/15/2023	BBHSL NOMINEES	758,000	36,899		
M5425M-10-3	INMODE LTD	D	06/23/2023	Various	2,055,000	73,914		
M96088-10-5	UROGEN PHARMA LTD	D	09/15/2023	Various	79,000	1,257		
N20944-10-9	CNH INDUSTRIAL NV	D	06/23/2023	Various	23,635,000	324,490		
V7780T-10-3	ROYAL CARIBBEAN CRUISES LTD	C	06/23/2023	Various	567,000	55,517		
Y0207T-10-0	ARDMORE SHIPPING CORP	D	06/23/2023	Various	577,000	7,258		
Y7542C-13-0	SCORPIO TANKERS INC	D	12/15/2023	Various	1,197,000	62,056		
Y95308-10-5	WAVE LIFE SCIENCES LTD	D	09/15/2023	Various	1,512,000	8,171		
5019999999. Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Publicly Traded						26,632,196	XXX	
169CVR-01-6	CHINOOK THERAPEUTICS INC		08/14/2023	Taxable Exchange	1,163,000	454		
361ESC-04-9	ESC GCI LIBERTY INC		05/23/2023	Various	3,118,000			
92840M-10-2	VISTRA ENERGY CORP		12/15/2023	Various	949,000	35,758		
5029999999. Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Other						36,212	XXX	
00143W-78-4	INVESCO OPPEN DISCV MIDCAP GRWTH R6		12/27/2023	Various	1,000	36		
022865-40-6	AMANA INCOME FUND INST		12/29/2023	Various	14,570,000	866,453		
025076-35-7	AMERICAN CENTURY MDCPVA FD CLA R6		12/19/2023	Various	186,325,000	2,891,194		
091936-28-6	BLACKROCK I SHARES RUSSELL MIDCAP INDX K		12/29/2023	Various	2,109,000	27,614		
24610B-81-8	DELAWARE SMCV VAL R6		12/27/2023	Various	73,085,000	5,083,652		
46636U-87-6	JP Morgan EQUITY INC FD CLA R6		12/27/2023	Various	436,000	9,426		
552743-54-4	MFS INTL DIVERSIFICATION CL R6		12/29/2023	Various	1,430,376,000	31,191,013		
552987-55-4	MFS MID CAP GROWTH FUND R6		12/28/2023	Various	212,349,000	5,586,811		
648018-81-0	AMERICAN FUNDS NEW PERSPECTIVE R6		12/18/2023	Various	133,000	7,162		
74440B-88-4	PRUDENTIAL TOTAL RETURN BOND Q		12/29/2023	Various	672,139,000	7,900,705		
87245M-17-8	LFCYLE IDX 2055-INST		12/29/2023	Various	695,000	14,657		
87245M-74-9	LFCYLE IDX 2050-INST		12/29/2023	Various	4,706,000	124,679		
87245M-75-6	LFCYLE IDX 2045-INST		12/29/2023	Various	1,475,000	37,962		
87245M-76-4	LFCYLE IDX 2040-INST		12/29/2023	Various	5,707,000	144,536		
87245M-77-2	LFCYLE IDX 2035-INST		12/29/2023	Various	7,222,000	165,865		
87245M-78-0	LFCYLE IDX 2030-INST		12/29/2023	Various	2,678,000	58,600		
87245M-79-8	LFCYLE IDX 2025-INST		12/29/2023	Various	3,096,000	61,150		
87245R-38-3	TIAA CREF SC LOW CRBN EQ-INST		12/26/2023	Various	62,465,000	1,163,183		
87245R-47-4	TIAA CREF SC INTL EQ-INST		12/29/2023	Various	2,365,518,000	29,220,069		
87245R-56-5	TIAA CREF LFCYLE IDX 2060-INST		12/29/2023	Various	637,000	10,505		
87245R-67-2	TIAA CREF CORE IMPACT BOND INSTL		12/29/2023	Various	145,069,000	1,297,061		
921910-71-7	Vanguard FTSE SOCIAL INDEX ADM		12/29/2023	Various	52,586,000	2,137,616		

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 3

Showing All Long-Term Bonds and Stocks ACQUIRED During Current Year

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
00766Y-51-3	Champlain Mid Cap Institutional		12/29/2023	Various	119,280.000	2,645,729		
024526-43-6	American Beacon Bridgeway Lg Cap Grth Instl R6		12/29/2023	Various	2,573.000	78,247		
040337-83-4	Ariel Appreciation Institutional		12/19/2023	Various	894.000	32,499		
233203-78-5	DELAWARE DFA Emerging Markets Port Inst		12/29/2023	Various	166,081.000	4,376,888		
245914-51-0	Delaware Emerging Markets R6		12/29/2023	Various	419,297.000	7,794,435		
256206-10-3	Dodge & Cox Int'l Stock Fund		12/28/2023	Various	108,708.000	5,089,986		
298706-82-1	AF EuroPacific Growth Fd R6		12/29/2023	Various	331,796.000	17,872,954		
45775L-40-8	TRPrice Large Cap Growth Fund		12/29/2023	Various	224,356.000	13,687,192		
48121L-84-1	JP MORGAN LARGE CAP GROWTH R6		12/29/2023	Various	1,964,415.000	103,130,920		
481200-22-5	JP Morgan Small Cap Value R6		12/29/2023	Various	501,085.000	12,339,282		
52107V-50-0	Lazard International Equity R6		12/28/2023	Various	62,982.000	1,004,011		
54401E-72-1	Lord Abbett High Yield R6		12/29/2023	Various	1,150,207.000	7,090,368		
55273W-47-5	MFS Mid Cap Value R6		12/29/2023	Various	3,237,655.000	94,086,933		
63868B-66-6	Nationwide Geneva Sm Cap Growth Inst		12/29/2023	Various	30,984.000	2,270,693		
670725-37-3	NUVEEN WINSLOW LARGE-CAP GROWTH ESG R		12/28/2023	Various	68,802.000	3,576,852		
701765-30-7	Parnassus Mid Cap Growth		12/29/2023	Various	601.000	30,068		
701765-40-6	Parnassus VALUE EQUITY FUND INST		12/27/2023	Various	182,657.000	8,509,212		
701769-40-8	PARNASSUS CORE EQUITY FUND INST		12/29/2023	Various	75,402.000	3,971,688		
87244W-10-2	TIAA-CREF Intl Equity Inst		12/29/2023	Various	3,502,523.000	43,670,632		
87244W-30-0	TIAA-CREF Soc Choice Eq Inst		12/29/2023	Various	921,283.000	22,526,223		
87244W-33-4	TIAA-CREF Lrge Cap Grwth Inst		12/29/2023	Various	657,969.000	13,476,568		
87244W-40-9	TIAA-CREF Growth & Inc Inst		12/29/2023	Various	4,600,129.000	58,928,571		
87244W-48-2	TIAA-Cref Inflation Lnkd Bd Fd		12/29/2023	Various	63,518.000	662,619		
87244W-50-8	TIAA-CREF Equity Index Inst		12/29/2023	Various	368,141.000	11,335,323		
87244W-51-6	TIAA-CREF Intl Eqty Indx Inst		12/29/2023	Various	4,949,327.000	102,665,906		
87244W-57-3	TIAA-CREF Sm-Cap Blind In Inst		12/29/2023	Various	1,433,882.000	30,164,005		
87244W-60-7	TIAA-CREF Bond Fund Inst		12/29/2023	Various	201,326.000	1,812,205		
87244W-66-4	TIAA-CREF Lg-Cap Val Idx Inst		12/29/2023	Various	2,984,413.000	66,078,482		
87244W-68-0	TIAA-CREF Lg-Cap Grw Idx Inst		12/29/2023	Various	615,086.000	29,172,594		
87244W-70-6	TIAA-CREF Money Mkt Inst		12/29/2023	Various	35,896,966.000	35,896,966		
87244W-71-4	TIAA-CREF S&P 500 Index Inst		12/29/2023	Various	1,104,710.000	52,567,671		
87244W-73-0	TIAA-CREF Lge Cap Value Inst		12/29/2023	Various	4,245,274.000	82,661,934		
87244W-79-7	TIAA-CREF Real Estat Sec Inst		12/29/2023	Various	1,338,414.000	21,655,852		
87244W-80-5	TIAA-CREF Mid-Cap Growth Inst		12/29/2023	Various	300,846.000	5,499,434		
87244W-83-9	TIAA-CREF Small-Cap Eq Inst		12/29/2023	Various	2,072,996.000	33,481,181		
87244W-86-2	TIAA-CREF Mid-Cap Value Inst		12/29/2023	Various	2,237,771.000	34,180,046		
87245M-21-0	TIAA-CREF Lifecycle 2055 Inst		12/29/2023	Various	2,798,779.000	40,960,225		
87245M-22-8	TIAA-CREF Emg Mkt Equ Idx Inst		12/28/2023	Various	288,382.000	2,872,293		
87245M-26-9	TIAA-CREF Emg Mkts Equity Inst		12/29/2023	Various	96,858.000	747,341		
87245M-84-8	TIAA-CREF Bond Index Fund		12/29/2023	Various	3,000,761.000	28,228,669		
87249N-88-3	TIAA CREF INSTITUTIONAL MUTUAL GREEN BOND FUND INST		12/29/2023	Various	58,758.000	529,032		
87283A-10-2	T Rowe Price QM US Small Cap Growth Equity		12/29/2023	Various	232,311.000	8,943,571		
880208-77-2	Templeton Global Bond R6		12/29/2023	Various	49,756.000	377,013		
886315-50-6	TIAA-CREF Bond Plus II Inst		12/29/2023	Various	1,066,454.000	9,605,703		
886315-56-3	TIAA-CREF Lifcyle Ret Inc Inst		12/29/2023	Various	466,326.000	4,905,495		
886315-57-1	TIAA-CREF Lifecycle 2050 Inst		12/29/2023	Various	4,559,905.000	56,628,105		
886315-58-9	TIAA-CREF Lifecycle 2045 Inst		12/29/2023	Various	5,088,282.000	61,826,946		
886315-59-7	TIAA-CREF Lifecycle 2040 Inst		12/29/2023	Various	7,182,567.000	69,714,908		
886315-61-3	TIAA-CREF Lifecycle 2035 Inst		12/29/2023	Various	7,280,801.000	70,273,649		
886315-62-1	TIAA-CREF Lifecycle 2030 Inst		12/29/2023	Various	6,856,041.000	64,920,217		
886315-63-9	TIAA-CREF Lifecycle 2025 Inst		12/29/2023	Various	5,696,791.000	52,995,224		
886315-64-7	TIAA-CREF Lifecycle 2020 Inst		12/29/2023	Various	4,282,508.000	38,309,702		
886315-65-4	TIAA-CREF Lifecycle 2015 Inst		12/29/2023	Various	1,804,657.000	15,618,320		
886315-66-2	TIAA-CREF Lifecycle 2010 Inst		12/29/2023	Various	1,672,592.000	16,158,946		
886315-79-5	TIAA-CREF High Yield II Inst		12/29/2023	Various	2,408,511.000	20,128,815		

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 3

Showing All Long-Term Bonds and Stocks ACQUIRED During Current Year

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
886315-80-3	TIAA-CREF Shrt Trm Bd II Inst		12/29/2023	Various	354,262.000	3,495,676		
921921-30-0	Vanguard Equity Income Admiral		12/29/2023	Various	1,412,259.000	118,005,861		
921926-20-0	Vanguard Vanguard Explorer Fund		12/28/2023	Various	94,996.000	9,076,669		
921932-10-9	VANGUARD TREASURY MM INV		12/29/2023	Various	28,693,316.000	28,693,316		
921935-20-1	Vanguard Wellington Fund		12/29/2023	Various	309,066.000	21,633,314		
921937-50-4	Vanguard Total Bond Mkt Index Inst		12/29/2023	Various	6,944,969.000	66,173,760		
921946-10-9	Vanguard Selected Value Fund		12/29/2023	Various	1,619,810.000	44,860,471		
922031-82-8	Vanguard Intermediate Term Treasury Fd		12/29/2023	Various	204,282.000	2,000,717		
922042-60-1	Vanguard Emerging Market Stock Index Fd		12/29/2023	Various	2,192,592.000	55,934,533		
922908-37-1	VANGUARD Extended Market Indx Inst Plus		12/28/2023	Various	110,388.000	30,196,683		
922908-68-6	VANGUARD SMALL-CAP IDX ADM		12/27/2023	Various	1.000	63		
922908-78-5	Vanguard Small Cap Value Index Fund		12/29/2023	Various	169,343.000	6,629,918		
939330-81-7	AF Wash Mutual Investors R6		12/28/2023	Various	231,944.000	12,642,392		
957663-66-9	LM WstrnAsst Core Plus Bond S		12/29/2023	Various	2,386,935.000	22,270,016		
87245R-57-3	TIAA CREF Lifecycle 2060 Fund Inst		12/29/2023	Various	2,433,686.000	30,774,506		
87249N-72-7	TIAA CREF LFCYLE IDX 2065-INST		12/29/2023	Various	318.000	3,753		
87249N-76-8	TIAA CREF LFCYLE 2065-INST		12/29/2023	Various	129,889.000	1,428,808		
92203J-20-9	VANGUARD TOT INT BND INDX INST		12/27/2023	Various	52,273.000	1,535,729		
922040-20-9	Vanguard INST IDX INST PLUS		12/29/2023	Various	346,382.000	126,656,236		
5329999999	Subtotal - Common Stocks - Mutual Funds - Designations Not Assigned by the SVO					2,167,780,713	XXX	
5989999997	Total - Common Stocks - Part 3					2,194,449,121	XXX	
5989999998	Total - Common Stocks - Part 5					13,432,954	XXX	
5989999999	Total - Common Stocks					2,207,882,075	XXX	
5999999999	Total - Preferred and Common Stocks					2,207,882,075	XXX	
6009999999	Totals					2,426,289,024	XXX	437,963

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ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED of During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										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
36202F-W3-6	G2 5166 3.000% 09/20/26		12/01/2023	Paydown		1,287	1,287	1,358	1,320		(34)		(34)		1,287				21	09/20/2026
91282C-BU-4	US TREASURY N B 0.125% 03/31/23		03/31/2023	Maturity		86,000,000	86,000,000	85,938,867	85,119,254	347,374	7,641		355,015		86,000,000				53,750	03/31/2023
36202F-ZU-3	G2 5255 3.000% 12/20/26		12/01/2023	Paydown		10,464	10,464	10,918	10,687		(223)		(223)		10,464				169	12/20/2026
91282C-BV-2	US TREASURY SEC 0.375% 04/15/24		01/25/2023	Various		23,752,930	25,000,000	25,017,578	23,656,250	537,666	(423)		537,243		25,007,220		(1,254,305)	(1,254,305)	26,786	04/15/2024
3620A2-XC-5	GN 717175 4.500% 06/15/39		12/01/2023	Paydown		5,333	5,333	5,679	5,648		(315)		(315)		5,333				127	06/15/2039
91282C-BX-8	US TREASURY SEC 0.125% 04/30/23		04/30/2023	Maturity		25,000,000	25,000,000	24,983,398	24,656,250	135,657	2,783		138,440		25,000,000				15,625	04/30/2023
3620AS-VD-8	GN 738712 3.000% 09/15/26		12/01/2023	Paydown		9,233	9,233	9,672	9,444		(211)		(211)		9,233				145	09/15/2026
91282C-CC-3	US TREASURY SEC 0.250% 05/15/24		05/10/2023	Various		23,910,156	25,000,000	24,917,969	23,530,273	569,830	9,748		579,578		24,972,256		(1,062,050)	(1,062,050)	30,559	05/15/2024
38375C-KL-3	03/20/41		12/01/2023	Paydown		2,276	2,276	2,460	2,325		(49)		(49)		2,276				42	03/20/2041
91282C-CD-1	US TREASURY N B 0.125% 05/31/23		05/08/2023	Various		19,942,188	20,000,000	19,986,719	19,642,969	140,940	2,378		143,318		19,999,592		(57,402)	(57,402)	10,989	05/31/2023
38377Y-CB-4	GNR 2011-128 BJ EXCH PT 2.500% 09/16/26		12/01/2023	Paydown		9,731	9,731	10,013	9,848		(116)		(116)		9,731				123	09/16/2026
91282C-CG-4	US TREASURY SEC 0.250% 06/15/24		01/25/2023	Various		47,144,531	50,000,000	49,698,438	46,925,781	1,164,388	7,227		1,171,615		49,859,631		(2,714,647)	(2,714,647)	14,766	06/15/2024
38377Y-LO-1	GNR 2011-124 A SC PT 4.000% 06/16/39		12/01/2023	Paydown		13,050	13,050	13,914	13,356		(306)		(306)		13,050				278	06/16/2039
91282C-CK-5	US TREASURY N B 0.125% 06/30/23		05/18/2023	Various		222,130,214	189,780,000	189,296,634	185,569,256	1,627,724	65,524		1,693,248		189,725,973		(1,847,641)	(1,847,641)	186,498	06/30/2023
38377Y-XM-7	GNR 2011-135 KA PAC-1-11 3.000% 10/16/41		12/01/2023	Paydown		2,353	2,353	2,468	2,442		(89)		(89)		2,353				36	10/16/2041
91282C-CL-3	US TREASURY N B 0.375% 07/15/24		05/10/2023	Various		33,341,602	35,000,000	34,911,914	32,786,524	862,691	10,463		873,154		34,965,313		(1,623,577)	(1,623,577)	107,683	07/15/2024
38378C-FL-6	07/20/40		06/01/2023	Paydown		5,124	5,124	5,493	5,144		(20)		(20)		5,124				52	07/20/2040
91282C-CN-9	US TREASURY SEC 0.125% 07/31/23		05/18/2023	Various		19,798,438	20,000,000	19,969,531	19,473,437	205,966	5,808		211,774		19,996,928		(198,461)	(198,461)	19,959	07/31/2023
38378D-C3-7	GNR 2012-31 PG PAC-11 2.000% 01/20/42		12/01/2023	Paydown		2,268	2,268	2,275	2,272		(4)		(4)		2,268				21	01/20/2042
91282C-CU-3	US TREASURY N B 0.125% 08/31/23		01/25/2023	JP MORGAN CHASE BANK/H		68,146,094	70,000,000	69,872,266	67,886,328	823,865	4,613		828,478		69,961,680		(1,815,747)	(1,815,747)	36,015	08/31/2023
38378G-NG-9	12/20/42		12/01/2023	Paydown		2,986	2,986	3,055	3,043		(57)		(57)		2,986				32	12/20/2042
91282C-CX-7	US TREASURY N B 0.375% 09/15/24		01/25/2023	Various		42,208,594	45,000,000	44,910,352	41,939,648	1,197,318	2,127		1,199,445		44,951,168		(2,742,559)	(2,742,559)	62,465	09/15/2024
38378H-OM-1	08/16/42		12/01/2023	Paydown		25,436	25,436	25,273	25,295		141		141		25,436				200	08/16/2042
91282C-EA-5	US TREASURY SEC 1.500% 02/29/24		05/10/2023	Various		973,672	1,000,000	988,359	963,907	11,590	2,134		13,724		995,173		(21,449)	(21,449)	10,435	02/29/2024
91282C-FG-1	US TREASURY N B 3.250% 08/31/24		05/10/2023	Various		1,896,351	1,925,000	1,918,458	1,884,847	13,811	1,163		14,974		1,920,723				43,522	08/31/2024
0109999999 Subtotal - Bonds - U.S. Governments						614,334,311	593,794,541	592,503,061	574,125,548	7,638,820	119,903		7,758,723		593,445,198		(13,337,838)	(13,337,838)	620,298	XXX
74727P-AW-1	STATE OF QATAR SR UNSEC 3.875% 04/23/23	D	04/23/2023	Maturity		1,200,000	1,200,000	1,191,864	1,199,453		547		547		1,200,000				23,250	04/23/2023
298785-JM-9	EUROPEAN INVESTMENT BANK 0.375% 07/24/24	D	04/18/2023	HSBC SECURITIES INC		4,750,050	5,000,000	4,982,150	4,682,569	122,874	1,643		124,517		4,993,050		(242,969)	(242,969)	13,854	07/24/2024
Y23874-GR-8	EXPORT-IMPORT BANK OF INDIA SERIES EMTN 4.000% 02/14/23	D	01/14/2023	Maturity		3,000,000	3,000,000	3,114,910	3,001,356		(1,356)		(1,356)		3,000,000				60,000	02/14/2023
471048-CN-6	JAPAN BANK FOR INTL COOP 0.500% 04/15/24	D	04/18/2023	Various		2,009,062	2,100,000	2,098,866	1,981,955	46,772	113		46,885		2,099,627		(90,564)	(90,564)	5,396	04/15/2024
50046P-BV-6	KOMMUNINVEST I SVERIGE SERIES 144A 0.500% 07/05/23	D	04/21/2023	Various		2,478,238	2,500,000	2,498,450	2,450,025	19,689	302		19,991		2,499,813		(21,573)	(21,573)	10,069	07/05/2023
500769-JP-0	KFW 0.500% 09/20/24	D	04/18/2023	Various		9,454,300	10,000,000	9,993,700	9,321,236	268,701	590		269,291		9,997,191		(542,887)	(542,887)	29,167	09/20/2024
87031C-AC-7	SWEDISH EXPORT CREDIT 0.625% 10/07/24	D	04/21/2023	Various		2,905,681	3,075,000	3,071,710	2,861,609	84,130	342		84,472		3,073,406		(167,720)	(167,720)	10,570	10/07/2024
87031C-AD-5	SWEDISH EXPORT CREDIT 0.500% 11/10/23	D	04/21/2023	BNP PARIBAS SECURITIES BOND		9,754,800	10,000,000	9,983,100	9,629,007	144,692	2,665		147,357		9,995,348		(240,561)	(240,561)	22,917	11/10/2023
0309999999 Subtotal - Bonds - All Other Governments						35,552,131	36,875,000	36,934,750	35,127,210	686,858	4,846		691,704		36,858,435		(1,306,274)	(1,306,274)	175,223	XXX
01026C-AC-5	ALABAMA ECON SETTLEMENT AUTH B Alabama Economic Settlement 3.16 3.163% 09/15/25		09/15/2023	Call	100.0000	925,000	925,000	925,000	925,000						925,000				29,258	09/15/2025
312800-DK-0	FG J19106 3.000% 05/01/27		12/01/2023	Paydown		8,506	8,506	9,023	8,764		(259)		(259)		8,506				126	05/01/2027
3136A5-LA-2	FNR 2012-35 PL AD PAC-11 2.000% 11/25/41		12/01/2023	Paydown		2,077	2,077	2,073	2,073		3		3		2,077				20	11/25/2041
3136AC-US-8	FNR 2013-15 EP EXCH AD PAC-11 3.500% 08/25/42		12/01/2023	Paydown		39,302	39,302	41,657	40,816		(1,514)		(1,514)		39,302				730	08/25/2042
3136AD-DA-4	FNR 2013-23 NH EXCH PT 2.000% 03/25/28		12/01/2023	Paydown		32,029	32,029	32,725	32,379		(350)		(350)		32,029				335	03/25/2028

E14

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										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
3136AN-JJ-2	FNR 2015-19 CA EXCH SEQ 3.500% 01/25/43		12/01/2023	Paydown		118,139	118,139	124,557	119,885		(1,746)		(1,746)		118,139				2,291	01/25/2043
3136AP-W9-9	FNR 2015-58 CA EXCH SEQ 3.000% 08/25/41		03/01/2023	Paydown		5,909	5,909	6,082	5,907		3		3		5,909				27	08/25/2041
3136AR-ZG-6	FNR 2016-21 BA EXCH SEQ 3.000% 03/25/42		12/01/2023	Paydown		31,633	31,633	32,622	31,759		(125)		(125)		31,633				490	03/25/2042
3137AK-V3-2	FHR 3981 PA PAC-11 3.000% 04/15/31		12/01/2023	Paydown		1,930	1,930	2,018	1,955		(25)		(25)		1,930				30	04/15/2031
3137B2-QL-7	FHR 4212 LA PAC-11 3.000% 10/15/39		12/01/2023	Paydown		82,326	82,326	85,252	82,873		(548)		(548)		82,326				1,334	10/15/2039
3137BC-TN-8	FHR 4376 HA SEQ 3.000% 04/15/40		02/01/2023	Paydown		2,620	2,620	2,672	2,619		1		1		2,620				9	04/15/2040
3137BG-6G-9	FHR 4428 LA SC SEQ 3.000% 06/15/39		12/01/2023	Paydown		28,476	28,476	29,501	28,863		(387)		(387)		28,476				446	06/15/2039
3137BG-JD-2	FHR 4444 CH EXCH SEQ 3.000% 01/15/41		06/01/2023	Paydown		71,563	71,563	74,069	71,681		(118)		(118)		71,563				585	01/15/2041
3137BM-2F-2	FHR 4526 MH PAC-1-11 3.000% 02/15/44		12/01/2023	Paydown		19,466	19,466	20,038	19,698		(232)		(232)		19,466				311	02/15/2044
3137BM-SF-4	FHR 4547 A SEQ 3.000% 12/15/41		12/01/2023	Paydown		32,920	32,920	34,057	33,080		(159)		(159)		32,920				516	12/15/2041
3137BN-EB-3	FHR 4565 DM EXCH SEQ 3.000% 02/15/42		12/01/2023	Paydown		155,989	155,989	162,082	156,731		(742)		(742)		155,989				2,469	02/15/2042
3138A2-CK-3	FNMA AH0973 4.000% 12/01/25		12/01/2023	Paydown		18,652	18,652	19,826	19,141		(490)		(490)		18,652				385	12/01/2025
3138EA-EF-0	FNMA AK5533 3.500% 03/01/27		12/01/2023	Paydown		2,105	2,105	2,266	(81)		(81)		(81)		2,105				41	03/01/2027
3138EH-TA-0	FNMA AL1444 3.000% 02/01/27		12/01/2023	Paydown		13,739	13,739	14,630	14,170		(430)		(430)		13,739				220	02/01/2027
3138MB-LL-8	FNMA AP7530 2.500% 09/01/27		12/01/2023	Paydown		5,663	5,663	5,946	5,811		(148)		(148)		5,663				73	09/01/2027
31416X-QT-0	FNMA AB2265 4.000% 02/01/41		12/01/2023	Paydown		5,622	5,622	6,163	6,101		(479)		(479)		5,622				113	02/01/2041
31418D-FN-7	FNMA POOL MA3772 3.500% 09/01/39		12/01/2023	Paydown		120,845	120,845	125,283	125,056		(4,210)		(4,210)		120,845				2,580	09/01/2039
31418D-GJ-5	FNMA POOL MA3800 3.000% 10/01/39		12/01/2023	Paydown		103,554	103,554	106,143	106,017		(2,463)		(2,463)		103,554				1,619	10/01/2039
31418D-HJ-4	FNMA POOL MA3832 3.500% 11/01/39		12/01/2023	Paydown		136,032	136,032	141,388	141,140		(5,108)		(5,108)		136,032				2,784	11/01/2039
31418D-SS-2	FNMA POOL MA4128 2.000% 09/01/40		12/01/2023	Paydown		1,259,004	1,259,004	1,299,725	1,297,170		(38,166)		(38,166)		1,259,004				13,477	09/01/2040
31418D-TJ-1	FNMA POOL MA4152 2.000% 09/01/40		12/01/2023	Paydown		1,342,881	1,342,881	1,386,694	1,383,655		(40,774)		(40,774)		1,342,881				14,971	09/01/2040
31418D-US-9	FNMA POOL MA4203 2.500% 11/01/40		12/01/2023	Paydown		1,264,743	1,264,743	1,323,156	1,319,387		(54,643)		(54,643)		1,264,743				17,356	11/01/2040
31418D-U8-3	FNMA POOL MA4206 2.000% 11/01/35		12/01/2023	Paydown		1,496,016	1,496,016	1,552,701	1,547,258		(51,242)		(51,242)		1,496,016				16,184	11/01/2035
696624-AW-5	PALM DESERT CA REDEV AGY SUCC Palm Desert Redevelopment 3 10 3.000% 10/01/23		10/01/2023	Maturity		3,500,000	3,500,000	3,459,820	3,495,060		4,940		4,940		3,500,000				105,000	10/01/2023
0909999999 Subtotal - Bonds - U.S. Special Revenues						10,826,741	10,826,741	11,027,169	11,026,235		(199,492)		(199,492)		10,826,741				213,780	XXX
002824-BE-9	ABBOTT LABORATORIES SR UNSEC 3.400% 11/30/23		11/30/2023	Maturity		4,898,000	4,898,000	4,874,930	4,894,688		3,312		3,312		4,898,000				166,532	11/30/2023
00287Y-BZ-1	ABBVIE INC SERIES W1 2.600% 11/21/24		01/24/2023	J.P. MORGAN SECURITIES LLC		9,630,900	10,000,000	10,546,060	9,566,594	291,399	(11,343)		280,056		10,287,665		(658,471)	(658,471)	46,944	11/21/2024
00507V-AK-5	ACTIVISION BLIZZARD SR UNSEC 3.400% 09/15/26		10/27/2023	Taxable Exchange		356,636	375,000	373,638	374,411		128		128		374,539		(17,902)	(17,902)	14,556	09/15/2026
025816-CV-9	AMERICAN EXPRESS CO 3.375% 05/03/24		01/24/2023	J.P. MORGAN SECURITIES LLC		3,783,934	3,850,000	3,849,615	3,771,610	31,086	13		31,099		3,849,756				29,958	05/03/2024
00507V-AM-1	ACTIVISION BLIZZARD SR UNSEC 3.400% 06/15/27		10/27/2023	Taxable Exchange		2,350,477	2,500,000	2,322,900	2,399,114		17,716		17,716		2,416,831		(66,353)	(66,353)	75,792	06/15/2027
025816-CY-3	AMERICAN EXPRESS CO 3.950% 08/01/25		04/18/2023	Various		4,920,550	5,000,000	4,995,000	4,898,190	38,791	498		39,289		4,996,188				140,993	08/01/2025
00912X-AT-1	AIR LEASE CORP SR UNSEC 3.000% 09/15/23		09/15/2023	Maturity		2,250,000	2,250,000	2,219,805	2,246,706		3,294		3,294		2,250,000				67,500	09/15/2023
02582J-HU-7	AMERICAN EXPRESS CREDIT ACC SERIES 2018-2 CLASS A 3.010% 10/15/25		01/23/2023	J.P. MORGAN SECURITIES LLC		4,737,754	4,750,000	4,988,428	4,734,796	16,686	(8,790)		7,896		4,767,946		(31,101)	(31,101)	15,886	10/15/2025
00914A-AD-4	AIR LEASE CORP 2.250% 02/15/23		01/15/2023	Maturity		1,150,000	1,150,000	1,141,789	1,149,903		97		97		1,150,000				12,938	02/15/2023
02582J-JR-2	AMERICAN EXPRESS CREDIT ACC SERIES 2021-1 CLASS A 0.900% 11/16/26		05/08/2023	Various		3,676,969	3,900,000	3,899,391	3,618,799	111,727	72		111,799		3,899,691		(222,820)	(222,820)	14,138	11/16/2026
020002-AZ-4	ALLSTATE CORP SR UNSEC 3.150% 06/15/23		06/15/2023	Maturity		2,500,000	2,500,000	2,483,703	2,499,133		867		867		2,500,000				39,375	06/15/2023
02665W-CQ-2	AMERICAN HONDA FINANCE SERIES MTN 3.625% 10/10/23		01/24/2023	J.P. MORGAN SECURITIES LLC		2,972,880	3,000,000	3,228,060	2,978,930	36,501	(6,265)		30,236		3,064,408		(91,789)	(91,789)	32,021	10/10/2023
02007T-AC-9	ALLY AUTO RECEIVABLES TRUST SERIES 2019-4 CLASS A3 1.840% 06/17/24		02/15/2023	Paydown		246,239	246,239	246,197	246,231		8		8		246,239				513	06/17/2024
02665W-DY-4	AMERICAN HONDA FINANCE SERIES MTN 0.750% 08/09/24		04/24/2023	Various		4,746,850	5,000,000	4,996,700	4,674,309	128,857	356		129,213		4,998,541		(251,681)	(251,681)	26,771	08/09/2024
03066E-AD-6	AMERICREDIT AUTOMOBILE RECEIV SERIES 2020-2 CLASS A3 0.660% 12/18/24		03/18/2023	Paydown		735,695	735,695	735,571	735,679		16		16		735,695				712	12/18/2024

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										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
03066J-AC-7	AMERICREDIT AUTOMOBILE REC SERIES 2021-3 CLASS A3 0.760% 08/18/26		01/23/2023	BNP PARIBAS SECURITIES BOND		5,420,166	5,670,000	5,669,307	5,411,362	102,738	17		102,755		5,669,606		(249,312)	(249,312)	4,429	08/18/2026
030981-AH-7	AMERIGAS PART/FIN CORP SR UNSEC 5.625% 05/20/24		05/26/2023	TENDER SALE		1,010,900	1,000,000	1,058,750	1,012,985		(4,309)		(4,309)		1,008,676		2,222	2,222	29,844	05/20/2024
03066R-AC-9	AMERICREDIT AUTOMOBILE REC SERIES 2021-2 CLASS A3 0.340% 12/18/26		01/25/2023	SOCIETE GENERALE NY		2,449,114	2,521,611	2,521,195	2,454,798	26,512	11		26,523		2,521,445		(72,496)	(72,496)	929	12/18/2026
032654-AZ-8	ANALOG DEVICES INC SERIES 144A 3.450% 06/15/27		09/18/2023	Tax Free Exchange		1,021,864	1,075,000	1,009,778	1,012,770		9,094		9,094		1,021,864				28,125	06/15/2027
03066R-AC-9	AMERICREDIT AUTOMOBILE REC SERIES 2021-2 CLASS A3 0.340% 12/18/26		01/18/2023	Paydown		128,389	128,389	128,368	124,987	1,350	9		1,359		128,389		(165)	(165)	36	12/18/2026
037833-AK-6	APPLE INC SR UNSEC 2.400% 05/03/23		05/03/2023	Maturity		1,900,000	1,900,000	1,776,170	1,894,904		5,096		5,096		1,900,000				22,800	05/03/2023
04636N-AC-7	ASTRAZENECA FINANCE LLC 0.700% 05/28/24		01/24/2023	J.P. MORGAN SECURITIES LLC		4,740,500	5,000,000	4,999,550	4,712,493	114,304	10		114,314		4,999,800		(259,299)	(259,299)	5,639	05/28/2024
053332-AP-7	AUTOZONE INC SR UNSEC 3.125% 08/15/23		07/15/2023	Maturity		700,000	700,000	696,129	699,767		210		210		699,976		24	24	21,875	08/15/2023
05522R-DD-7	BANK OF AMERICA CREDIT CARD TR SERIES 2021-A1 CLASS A 0.440% 09/15/26		05/01/2023	Various		955,117	1,000,000	999,983	942,611	22,830	2		22,832		999,994		(44,883)	(44,883)	1,687	09/15/2026
05377R-CU-6	AESOP 2017-2A A SEQ 2.970% 03/20/24		03/20/2023	Paydown		2,500,000	2,500,000	2,498,633	2,499,956		44		44		2,500,000				12,375	03/20/2024
06051G-FH-7	BANK OF AMERICA CORP SERIES MTN 4.200% 08/26/24		01/24/2023	J.P. MORGAN SECURITIES LLC		1,978,840	2,000,000	2,189,120	1,969,058	52,427	(4,180)		48,247		2,096,650		(118,687)	(118,687)	35,000	08/26/2024
05551U-AA-3	BROWNSTONE INVESTMENT GROUP SERIES 2022-BIG CLASS A 144A 6.704% 02/15/39		12/15/2023	Paydown		207,107	207,107	206,524	206,767		340		340		207,107				13,288	02/15/2039
06051G-JX-8	BANK OF AMERICA CORP SERIES MTN 1.917% 05/28/24		01/24/2023	J.P. MORGAN SECURITIES LLC		2,983,260	3,000,000	3,000,000	2,971,020	11,530			11,530		3,000,000		(16,740)	(16,740)	24,404	05/28/2024
05591U-AA-5	SERIS 21-DC CLASS A SERIES 2021-DC CLASS A 144A 6.426% 08/15/38		08/15/2023	Paydown		174,400	174,400	174,400	174,400						174,400				6,805	08/15/2038
06742L-AT-0	BARCLAYS DRYROCK ISSUANCE TR SERIES 2021-1 CLASS A 0.630% 07/15/27		05/08/2023	BARCLAYS CAPITAL INC		4,606,533	4,890,000	4,889,974	4,547,001	136,458	2		136,460		4,889,982		(283,468)	(283,468)	12,408	07/15/2027
05606D-AS-7	BX TRUST SERIES 2022-PSB CLASS A 144A 7.813% 08/15/39		10/15/2023	Paydown		719,562	719,562	714,780	715,730		3,832		3,832		719,562				21,360	08/15/2039
071813-CH-0	BAXTER INTERNATIONAL INC 1.322% 11/29/24		05/08/2023	CITIGROUP GLOBAL MARKETS INC		4,367,967	5,000,000	5,000,000	4,081,117						4,081,117		(286,850)	(286,850)	(5,876)	11/29/2024
05609C-AA-5	BX TRUST SERIES 2021-21M CLASS A 144A 6.206% 10/15/36		10/15/2023	Paydown		182,252	182,252	180,297	181,464		788		788		182,252				8,744	10/15/2036
125523-BV-1	CIGNA CORP 3.000% 07/15/23		01/24/2023	J.P. MORGAN SECURITIES LLC		2,974,140	3,000,000	3,155,040	2,967,116	23,997	(5,080)		18,917		3,022,352		(48,480)	(48,480)	47,750	07/15/2023
05609K-AC-3	BX TRUST SERIES 2021-XL2 CLASS B 144A 6.474% 10/15/36		07/15/2023	Paydown		868,709	868,709	864,364	866,937		1,772		1,772		868,709				29,436	10/15/2036
12598L-AC-0	CNH EQUIPMENT TRUST SERIES 2021-C CLASS A3 0.810% 12/15/26		05/10/2023	BNP PARIBAS SECURITIES BOND		3,168,443	3,330,000	3,329,613	3,102,983	90,216	37		90,253		3,329,773		(161,284)	(161,284)	11,014	12/15/2026
065404-AZ-8	BANK 2018-BN10 ASB SEQ 3.641% 02/15/61		12/01/2023	Paydown		1,039,381	1,039,381	1,070,553	1,049,614		(10,233)		(10,233)		1,039,381				22,112	02/15/2061
12657W-AC-4	CNH EQUIPMENT TRUST SERIES 2021-B CLASS A3 0.440% 08/17/26		05/01/2023	TORONTO DOMINION SECURITIES (US)		1,753,154	1,843,606	1,843,168	1,743,789	39,608	40		39,648		1,843,381		(90,110)	(90,110)	3,110	08/17/2026
08162P-AV-3	BMARK 2018-B1 ASB AFC SEQ 3.602% 01/15/51		12/01/2023	Paydown		740,085	740,085	762,245	747,064		(6,980)		(6,980)		740,085				15,707	01/15/2051
12657W-AC-4	CNH EQUIPMENT TRUST SERIES 2021-B CLASS A3 0.440% 08/17/26		04/15/2023	Paydown		256,394	256,394	256,333	242,512	5,508	37		5,545		256,394		117	117	322	08/17/2026
10112R-AV-6	BOSTON PROPERTIES LP SR UNSEC 3.125% 09/01/23		09/01/2023	Maturity		600,000	600,000	549,938	595,949		4,051		4,051		600,000				18,750	09/01/2023
14314Q-AC-8	CARMAX AUTO OWNER TRUST SERIES 2021-2 CLASS A3 0.520% 02/17/26		01/25/2023	SOCIETE GENERALE NY		4,378,526	4,545,797	4,544,818	4,374,457	67,970	20		67,990		4,545,315		(166,585)	(166,585)	2,758	02/17/2026
105340-AQ-6	BRANDYWINE OPER PARTNERS CO. GUARNT 3.950% 11/15/27		09/14/2023	WELLS FARGO		2,119,000	2,600,000	2,765,423	2,730,521		(19,322)		(19,322)		2,711,198		(592,198)	(592,198)	86,439	11/15/2027
14314Q-AC-8	CARMAX AUTO OWNER TRUST SERIES 2021-2 CLASS A3 0.520% 02/17/26		01/15/2023	Paydown		270,391	270,391	270,333	260,199	4,043	30		4,073		270,391		204	204	117	02/17/2026
124857-AQ-6	CBS CORP CO. GUARNT 4.000% 01/15/26		11/16/2023	TENDER SALE		1,399,770	1,500,000	1,472,820	1,490,892		2,548		2,548		1,493,440		(93,670)	(93,670)	81,000	01/15/2026

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										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
14317D-AC-4	CARMAX AUTO OWNER TRUST SERIES 2021-3 CLASS A3 0.550% 06/15/26		01/23/2023	J.P. MORGAN SECURITIES LLC		4,768,359	5,000,000	4,999,178	4,749,216	99,579	15		99,594		4,999,516		(231,641)	(231,641)	3,056	06/15/2026
124857-AR-4	CBS CORP CO. GUARNT 2.900% 01/15/27		11/16/2023	TENDER SALE		600,291	689,000	657,042	673,894		3,142		3,142		677,036		(76,745)	(76,745)	26,974	01/15/2027
14317J-AD-9	CARMAX AUTO OWNER TRUST SERIES 2021-4 CLASS A3 0.560% 09/15/26		05/01/2023	WELLS FARGO SECURITIES, LLC		2,265,555	2,380,000	2,379,728	2,252,792	50,541	25		50,566		2,379,848		(114,260)	(114,260)	5,109	09/15/2026
1248EP-BZ-5	COO HLDGS LLC/CAP CORP SR UNSEC 4.000% 03/01/23		03/01/2023	Maturity		1,000,000	1,000,000	977,500	999,200		800		800		1,000,000				20,000	03/01/2023
14687K-AC-0	CARVANA AUTO RECEIVABLES TRUST SERIES 2021-P4 CLASS A3 1.310% 01/11/27		05/01/2023	BNP PARIBAS SECURITIES BOND		7,777,212	8,220,000	8,219,307	7,802,146	166,053	67		166,120		8,219,577		(442,278)	(442,278)	42,774	01/11/2027
12510H-AK-6	CAPITAL AUTOMOTIVE REIT SERIES 2021-1A CLASS A1 144A 1.440% 08/15/51		12/15/2023	Paydown		28,279	28,279	28,267	28,270		9		9		28,279				177	08/15/2051
172967-MT-5	CITIGROUP INC 0.776% 10/30/24		01/24/2023	J.P. MORGAN SECURITIES LLC		12,546,300	13,000,000	12,981,770	12,456,065	211,355	390		211,745		12,987,684		(441,336)	(441,336)	24,099	10/30/2024
12510H-AP-5	CAPITAL AUTOMOTIVE REIT SERIES 2022-1A CLASS A1 144A 3.350% 03/15/52		12/15/2023	Paydown		200,000	200,000	199,983	199,983		17		17		200,000				3,631	03/15/2052
172967-NG-0	CITIGROUP INC 4.140% 05/24/25		05/01/2023	Various		2,962,140	3,000,000	3,000,000	2,941,913	23,111			23,111		3,000,000				54,855	05/24/2025
12625E-AC-3	COMM 2013-SFS A2 CSTR SEQ 2.988% 04/12/35		03/01/2023	Paydown		5,700,000	5,700,000	5,572,418	5,686,458		13,542		13,542		5,700,000				42,562	04/12/2035
17327C-AP-8	CITIGROUP INC 0.774% 01/25/26		01/24/2023	J.P. MORGAN SECURITIES LLC		2,950,680	3,000,000	2,915,070	2,932,468	(3,191)	1,686		(1,505)		2,926,133				6,350	01/25/2026
12625U-BF-9	COMM MORTGAGE TRUST SERIES 2013-CR9 CLASS A 4 4.586% 07/10/45		04/01/2023	Paydown		733,477	733,477	769,520	737,822		(4,345)		(4,345)		733,477				7,893	07/10/2045
20826F-AU-0	CONOCOPHILLIPS COMPANY 2.400% 03/07/25		04/24/2023	Various		4,800,550	5,000,000	4,994,100	4,752,161	96,899	620		97,519		4,996,331		(195,732)	(195,732)	76,333	03/07/2025
161571-HP-2	CHASE ISSUANCE TRUST SERIES 2020-A1 CLASS A1 1.530% 01/15/25		01/15/2023	Paydown		5,000,000	5,000,000	4,998,855	4,999,770		230		230		5,000,000				6,375	01/15/2025
233331-AW-7	DTE ENERGY CO SERIES C 2.529% 10/01/24		05/01/2023	J.P. MORGAN SECURITIES LLC		7,174,658	7,448,000	7,831,599	7,119,311	214,379	(40,121)		174,258		7,618,020		(444,379)	(444,379)	110,923	10/01/2024
20030N-BL-4	COMCAST CORP CO. GUARNT 3.375% 02/15/25		05/05/2023	CONVERSION		987,160	1,000,000	999,120	999,797		33		33		999,830		(12,670)	(12,670)	24,844	02/15/2025
233331-BD-8	DTE ENERGY CO 4.220% 11/01/24		01/24/2023	J.P. MORGAN SECURITIES LLC		4,937,550	5,000,000	5,000,350	4,914,743	34,035	(11)		34,024		5,000,277				49,819	11/01/2024
210518-CV-6	CONSUMERS ENERGY CO 1ST MORTG 3.375% 08/15/23		08/15/2023	Maturity		1,000,000	1,000,000	1,001,065	1,000,047		(47)		(47)		1,000,000				33,750	08/15/2023
233853-AL-4	DAIMLER TRUCKS FINANCE NA SERIES 144A 3.500% 04/07/25		01/24/2023	J.P. MORGAN SECURITIES LLC		4,836,400	5,000,000	4,994,500	4,796,375	79,363	125		79,488		4,995,975				52,966	04/07/2025
233046-AN-1	DB MASTER FINANCE LLC SERIES 2021-1A CLASS A21 144A 2.045% 11/20/51		11/22/2023	Paydown		34,000	34,000	34,000	34,000						34,000				406	11/20/2051
254683-CP-8	DISCOVER CARD EXECUTION NOTE SERIES 2021-A1 CLASS A1 0.580% 09/15/26		05/08/2023	Various		4,713,477	5,000,000	4,998,930	4,650,362	138,790	76		138,866		4,999,278		(286,093)	(286,093)	11,681	09/15/2026
23338V-AB-2	DTE ELECTRIC CO GENL REF MORT 3.650% 03/15/24		12/28/2023	Call	100,000	1,200,000	1,200,000	1,195,092	1,199,344		537		537		1,199,881		119	119	56,332	03/15/2024
29449W-AJ-6	EQUITABLE FINANCIAL LIFE SERIES 144A 0.800% 08/12/24		01/24/2023	J.P. MORGAN SECURITIES LLC		4,684,500	5,000,000	4,999,550	4,637,809	144,005	10		144,015		4,999,768		(315,266)	(315,266)	18,222	08/12/2024
252722-AA-1	FORD CREDIT AUTO LEASE TRUST SERIES 2021-B CLASS A3 0.370% 10/15/24		10/20/2023	Paydown		1,118,663	1,118,663	1,118,513	1,118,571		92		92		1,118,663				22,538	02/20/2032
30040W-AD-0	EVERSOURCE ENERGY SERIES L 2.900% 10/01/24		01/24/2023	J.P. MORGAN SECURITIES LLC		4,500,036	4,630,000	4,907,291	4,462,908	123,010	(6,146)		116,864		4,765,941		(267,085)	(267,085)	42,892	10/01/2024
26863L-AE-4	ELP 2021 ELP SERIES 2021-ELP CLASS B 144A 6.696% 11/15/36		11/15/2023	Paydown		6,976	6,976	6,948	6,964		12		12		6,976				397	11/15/2036
345329-AC-0	FORD CREDIT AUTO LEASE TRUST SERIES 2021-B CLASS A3 0.370% 10/15/24		01/23/2023	SECURITIE		4,895,508	5,000,000	4,999,122	4,884,175	45,949	28		45,977		4,999,693		(104,492)	(104,492)	2,056	10/15/2024
26884T-AT-9	ERAC USA FINANCE LLC CO. GUARNT 2.700% 11/01/23		11/01/2023	Maturity		3,000,000	3,000,000	2,994,450	2,999,291		709		709		3,000,000				81,000	11/01/2023
345329-AD-8	FORD CREDIT AUTO LEASE TRUST SERIES 2021-B CLASS A4 0.400% 12/15/24		01/23/2023	TORONTO DOMINION SECURITIES (US		4,819,336	5,000,000	4,999,186	4,792,421	82,449	24		82,473		4,999,675		(180,664)	(180,664)	2,222	12/15/2024
29478J-AA-8	EQUUS 2021 EQAZ MORTGAGE TRUST SERIES 2021-EQAZ CLASS A 144A 13.114% 10/15/36		12/15/2023	Paydown																10/15/2036

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SCHEDULE D - PART 4

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										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Contractual Maturity Date
362554-AC-1	GM FINANCIAL SECURITIZED TERM SERIES 2021-4 CLASS A3 0.680% 09/16/26		05/01/2023	WELLS FARGO SECURITIES, LLC		1,737,291	1,827,000	1,826,953	1,726,154	40,110	5		40,115		1,826,974		(89,676)	(89,676)	4,728	09/16/2026
302606-AA-4	FIC FUNDING LLC SERIES 2021-1A CLASS A 144A 1.130% 04/15/33		12/15/2023	Paydown		1,108,839	1,108,839	1,108,790	1,108,810		28		28		1,108,839				5,508	04/15/2033
36264F-AH-4	GSK CONSUMER HEALTHCARE SERIES W1 3.024% 03/24/24		05/08/2023	BARCLAYS CAPITAL INC		6,847,330	7,000,000	7,000,000	6,793,789	82,043			82,043		7,000,000		(152,670)	(152,670)	126,728	03/24/2024
313747-AT-4	FEDERAL REALTY INVS TRST SR UNSEC 2.750% 06/01/23		06/01/2023	Maturity		900,000	900,000	866,664	898,397		1,603		1,603		900,000				12,375	06/01/2023
380140-AC-7	GM FINANCIAL SECURITIZED TERM SERIES 2021-3 CLASS A3 0.480% 06/16/26		05/01/2023	WELLS FARGO SECURITIES, LLC		1,979,250	2,066,259	2,066,132	1,971,746	37,574	13		37,587		2,066,198		(86,920)	(86,920)	3,774	06/16/2026
33829T-AA-4	FIVE CORNERS FUNDING TRS SR UNSEC 4.419% 11/15/23		11/15/2023	Maturity		1,500,000	1,500,000	1,499,995	1,499,999		1		1		1,500,000				66,285	11/15/2023
380140-AC-7	GM FINANCIAL SECURITIZED TERM SERIES 2021-3 CLASS A3 0.480% 06/16/26		04/16/2023	Paydown		133,741	133,741	133,732	127,623	2,432	5		2,437		133,741		28	28	209	06/16/2026
35041L-AA-8	FOUNDATION FINANCE TRUST SERIES 2021-1A CLASS A 144A 1.270% 05/15/41		12/15/2023	Paydown		732,643	732,643	728,829	729,740		2,904		2,904		732,643				4,494	05/15/2041
380144-AD-7	GM FINANCIAL AUTO LEASING SERIES 2021-2 CLASS A4 0.410% 05/20/25		01/23/2023	SECURITIE		2,050,737	2,118,000	2,117,822	2,048,815	27,503	5		27,508		2,117,946		(67,264)	(67,264)	844	05/20/2025
35042P-AA-8	FOUNDATION FINANCE TRUST SERIES 2021-2A CLASS A 144A 2.190% 01/15/42		12/15/2023	Paydown		936,914	936,914	936,891	936,893		21		21		936,914				10,610	01/15/2042
380146-AC-4	GM FINANCIAL SECURITIZED TERM SERIES 2022-1 CLASS A3 1.260% 11/16/26		05/08/2023	SOCIETE GENERALE NY		4,302,475	4,520,000	4,519,607	4,273,128	98,109	42		98,151		4,519,761		(217,236)	(217,236)	22,781	11/16/2026
362590-AC-5	GM FINANCIAL SECURITIZED TERM SERIES 2020-3 CLASS A3 0.450% 04/16/25		12/16/2023	Paydown		1,259,203	1,259,203	1,258,915	1,259,148		55		55		1,259,203				2,921	04/16/2025
38141G-XE-9	GOLDMAN SACHS GROUP INC 3.625% 02/20/24		01/24/2023	J.P. MORGAN SECURITIES LLC		1,971,840	2,000,000	2,142,400	1,965,387	37,626	(3,904)		33,722		2,056,054		(84,609)	(84,609)	31,417	02/20/2024
362590-AA-1	GS MORTGAGE SECURITIES TRUST 2 SERIES 2018-HART CLASS A 144A 6.566% 10/15/31		09/15/2023	Paydown		1,536,734	1,536,734	1,533,852	1,536,734						1,536,734				59,469	10/15/2031
38141G-XZ-2	GOLDMAN SACHS GROUP INC 0.673% 03/08/24		03/08/2023	Call 100.0000		5,000,000	5,000,000	4,996,000	4,946,129	20,787	248		21,035		4,998,624		1,382	1,382	16,825	03/08/2024
375558-BL-6	GILEAD SCIENCES INC SR UNSEC 2.500% 09/01/23		09/01/2023	Maturity		2,000,000	2,000,000	1,992,920	1,999,268		732		732		2,000,000				50,000	09/01/2023
38141G-YE-8	GOLDMAN SACHS GROUP INC 0.657% 09/10/24		01/24/2023	J.P. MORGAN SECURITIES LLC		8,251,970	8,500,000	8,490,850	8,177,309	126,463	196		126,659		8,495,362		(243,377)	(243,377)	21,097	09/10/2024
42824C-BG-3	HP ENTERPRISE CO 4.450% 10/02/23		10/02/2023	Maturity		5,000,000	5,000,000	4,997,800	4,999,488		512		512		5,000,000				222,500	10/02/2023
38141G-YL-2	GOLDMAN SACHS GROUP INC 0.925% 10/21/24		05/08/2023	TORONTO DOMINION SECURITIES (US)		4,886,550	5,000,000	5,000,000	4,790,001	83,550			83,550		5,000,000		(113,450)	(113,450)	25,566	10/21/2024
43283B-AA-1	HILTON GRAND VACATIONS TRUST SERIES 2022-1D CLASS A 144A 3.610% 06/20/34		12/20/2023	Paydown		1,018,142	1,018,142	1,018,032	1,018,036		106		106		1,018,142				17,917	06/20/2034
38141G-ZE-7	GOLDMAN SACHS GROUP INC 1.217% 12/06/23		01/24/2023	J.P. MORGAN SECURITIES LLC		2,904,390	3,000,000	3,000,000	2,895,941	41,401			41,401		3,000,000		(95,610)	(95,610)	5,071	12/06/2023
44409M-AA-4	HUDSON PACIFIC PROPERTIE CO. GUARNT 3.950% 11/01/27		06/07/2023	WELLS FARGO J.P. MORGAN SECURITIES LLC		1,260,125	1,700,000	1,696,855	1,698,370		135		135		1,698,505		(438,380)	(438,380)	40,663	11/01/2027
38141G-ZJ-6	GOLDMAN SACHS GROUP INC 4.599% 01/24/25		01/24/2023	J.P. MORGAN SECURITIES LLC		4,949,000	5,000,000	5,000,000	4,925,826	29,511			29,511		5,000,000		(51,000)	(51,000)	60,153	01/24/2025
451102-BW-6	ICAHN ENTERPRISES FIN SERIES W1 4.750% 09/15/24		05/25/2023	JP MORGAN SECURITIES		1,830,000	2,000,000	2,052,500	2,018,673		(5,237)		(5,237)		2,013,436		(183,436)	(183,436)	67,292	09/15/2024
43811J-AC-1	HONDA AUTO RECEIVABLES OWNER SERIES 2021-2 CLASS A3 0.330% 08/15/25		01/24/2023	SECURITIE		4,265,966	4,418,187	4,418,014	4,268,583	59,488	4		59,492		4,418,106		(152,104)	(152,104)	1,661	08/15/2025
459200-HP-9	IBM CORP SR UNSEC 3.375% 08/01/23		08/01/2023	Maturity		1,700,000	1,700,000	1,694,662	1,699,636		364		364		1,700,000				57,375	08/01/2023
43811J-AC-1	HONDA AUTO RECEIVABLES OWNER SERIES 2021-2 CLASS A3 0.330% 08/15/25		01/15/2023	JP MORGAN CHASE COMMERCIAL SERIES 2022-NLP		299,540	299,540	299,528	289,397	4,033	6		4,039		299,540		36	36	82	08/15/2025
466317-AA-2	JP MORGAN CHASE COMMERCIAL SERIES 2022-NLP CLASS A 144A 5.958% 04/15/37		08/15/2023	Paydown		133,611	133,611	128,533	128,785		4,826		4,826		133,611				4,746	04/15/2037
43815E-AC-8	HONDA AUTO RECEIVABLES OWNER SERIES 2021-3 CLASS A3 0.410% 11/18/25		01/24/2023	SECURITIE		3,344,824	3,500,000	3,499,949	3,338,785	64,129	1		64,130		3,499,971		(155,176)	(155,176)	1,515	11/18/2025
46639J-AE-0	JPMC 2013-C10 A5 SEQ 3.143% 12/15/47		01/02/2023	Paydown		320,270	230,453	235,188	230,351		68		68		230,419		89,850	89,850	604	12/15/2047

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										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
43815G-AC-3	HONDA AUTO RECEIVABLES OWNER SERIES 2021-4 CLASS A3 0.880% 01/21/26		05/08/2023	SOCIETE GENERALE NY		2,386,816	2,500,000	2,499,473	2,372,486	50,594	57		50,651		2,499,709		(112,839)	(112,839)	8,494	01/21/2026
46640J-AV-9	JPMCC 2013-C13 AS SUB CSTR 4.230% 01/15/46		06/01/2023	Paydown		650,000	650,000	670,262	650,961		(961)		(961)		650,000				13,537	01/15/2046
44891A-BV-8	HYUNDAI CAPITAL AMERICA SERIES 144A 0.875% 06/14/24		01/24/2023	J.P. MORGAN SECURITIES LLC		2,825,490	3,000,000	2,999,820	2,798,130	80,281	4		80,285		2,999,917		(174,426)	(174,426)	3,063	06/14/2024
46647P-BQ-8	JPMORGAN CHASE & CO 6.832% 06/01/24		06/01/2023	Call 100.0000		3,000,000	3,000,000	3,000,000	3,000,000						3,000,000				22,710	06/01/2024
44891A-BY-2	HYUNDAI CAPITAL AMERICA SERIES 144A 1.000% 09/17/24		01/24/2023	J.P. MORGAN SECURITIES LLC		2,797,860	3,000,000	2,994,600	2,771,722	89,598	123		89,721		2,997,044		(199,171)	(199,171)	10,750	09/17/2024
46649K-AC-9	JP MORGAN MORTGAGE TRUST SERIES 2018-5 CLASS A3 144A 3.500% 10/25/48		12/01/2023	Paydown		36,764	36,764	37,442	36,807		(42)		(42)		36,764				722	10/25/2048
44933L-AC-7	HYUNDAI AUTO RECEIVABLES TRUST SERIES 2021-A CLASS A3 0.380% 09/15/25		01/25/2023	SOCIETE GENERALE NY		1,904,665	1,971,910	1,971,703	1,907,023	25,779	5		25,784		1,971,822		(67,104)	(67,104)	874	09/15/2025
487836-BS-6	KELLOGG CO SR UNSEC 2.650% 12/01/23		12/01/2023	Maturity		5,001,000	5,001,000	4,996,499	5,000,373		627		627		5,001,000				132,527	12/01/2023
44933L-AC-7	HYUNDAI AUTO RECEIVABLES TRUST SERIES 2021-A CLASS A3 0.380% 09/15/25		01/15/2023	Paydown		130,487	130,487	130,473	126,193	1,706	6		1,712		130,487		53	53	41	09/15/2025
526057-BW-3	LENNAR CORP CO GUARNT 4.875% 12/15/23		11/29/2023	Call 100.0000		1,000,000	1,000,000	1,005,000	1,000,803		(803)		(803)		1,000,000				46,583	12/15/2023
46647P-AY-2	JPMORGAN CHASE & CO 4.023% 12/05/24		05/01/2023	LLC		4,955,850	5,000,000	5,400,500	4,925,415	90,189	(54,900)		35,289		5,097,200		(141,817)	(141,817)	82,695	12/05/2024
53227J-AD-6	LIFE STORAGE LP 2.400% 10/15/31		07/21/2023	Taxable Exchange		3,977,131	5,000,000	4,676,200	4,702,372		16,660		16,660		4,719,032		(741,900)	(741,900)	93,333	10/15/2031
46647P-BZ-8	JPMORGAN CHASE & CO 0.697% 03/16/24		01/24/2023	J.P. MORGAN SECURITIES LLC		4,967,050	5,000,000	5,014,200	4,947,416	21,522	(510)		21,012		5,001,000		(33,962)	(33,962)	12,585	03/16/2024
534187-BD-0	LINCOLN NATIONAL CORP SR UNSEC 4.000% 09/01/23		09/01/2023	Maturity		1,200,000	1,200,000	1,199,280	1,199,232		768		768		1,200,000				48,000	09/01/2023
46647P-DE-3	JPMORGAN CHASE & CO 3.845% 06/14/25		01/24/2023	J.P. MORGAN SECURITIES LLC		2,947,830	3,000,000	3,000,000	2,933,163	26,592			26,592		3,000,000				13,458	06/14/2025
55316V-AA-2	MHC COMMERCIAL MORTGAGE TRUST SERIES 2021-MHC CLASS A 144A 13.486% 04/15/26		09/15/2023	Paydown		387,545	387,545	386,609	387,079		467		467		387,545				16,871	04/15/2026
47789Q-AC-4	JOHN DEERE OWNER TRUST SERIES 2021-B CLASS A3 0.520% 03/16/26		05/09/2023	MITSUBISHI UFJ SECURITIE		3,784,285	3,950,000	3,949,648	3,748,668	80,018	34		80,052		3,949,822		(165,498)	(165,498)	8,330	03/16/2026
58933Y-AF-2	MERCK & CO INC SR UNSEC 2.800% 05/18/23		05/18/2023	Maturity		600,000	600,000	599,478	599,977		23		23		600,000				8,400	05/18/2023
56585A-AG-7	MARATHON PETROLEUM CORP 3.625% 09/15/24		05/01/2023	WELLS FARGO SECURITIES, LLC		2,937,900	3,000,000	3,230,850	2,919,362	81,796	(24,469)		57,327		3,100,483		(151,854)	(151,854)	68,875	09/15/2024
61763B-AW-4	MSBAM 2013-C13 AS SUB 4.266% 11/15/46		12/01/2023	Paydown		240,000	240,000	245,822	240,656		(656)		(656)		240,000				9,658	11/15/2046
59217G-EN-5	MET LIFE GLOB FUNDING I SERIES 144A 0.550% 06/07/24		05/08/2023	TORONTO DOMINION SECURITIES (US)		4,751,700	5,000,000	4,994,800	4,680,382	126,175	613		126,788		4,998,129		(246,421)	(246,421)	11,688	06/07/2024
61765D-AT-5	MSC 2015-MS1 A3 SEQ 3.510% 05/15/48		09/01/2023	Paydown		24,307	24,307	24,366	24,303		4		4		24,307				640	05/15/2048
59217G-FC-8	MET LIFE GLOB FUNDING I SERIES 144A 4.050% 08/25/25		01/24/2023	J.P. MORGAN SECURITIES LLC		4,920,500	5,000,000	4,998,050	4,888,481	43,685	44		43,729		4,998,324				84,938	08/25/2025
628870-AC-1	NOMF TRUST SERIES 2022-MFP CLASS B 144A 7.751% 03/15/39		09/12/2023	BANK OF AMERICA J.P. MORGAN SECURITIES LLC		4,463,438	4,500,000	4,466,084	4,474,377		14,665		14,665		4,489,043		(25,605)	(25,605)	247,741	03/15/2039
617446-BW-2	MORGAN STANLEY 0.529% 01/25/24		01/24/2023	NATIONAL RURAL UTIL COOP COLLAT TRST		4,992,400	5,000,000	4,998,400	4,966,463	13,101	39		13,140		4,999,430		(7,027)	(7,027)	13,885	01/25/2024
637432-NJ-0	MORGAN STANLEY SERIES MTN 4.100% 05/22/23		02/15/2023	Maturity		2,000,000	2,000,000	1,994,540	1,999,896		104		104		2,000,000				27,000	02/15/2023
61747Y-DU-6	NATIXIS COMMERCIAL MORTGAGE S 2019-MILE CLASS A 144A 6.941% 07/15/36		01/24/2023	J.P. MORGAN SECURITIES LLC		4,986,450	5,000,000	5,323,100	4,981,721	33,427	(11,656)		21,771		5,054,083		(68,309)	(68,309)	36,444	05/22/2023
63875F-AA-4	MORGAN STANLEY SERIES GMTN 0.791%		07/15/2023	Paydown		604,571	604,571	588,701	604,571						604,571				22,577	07/15/2036
61747Y-EB-7	NAVIENT STUDENT LOAN TRUST SERIES 2020-HA CLASS A 144A 1.310% 01/15/69		01/22/25	Various		4,818,450	5,000,000	5,008,100	4,730,246	108,776	(1,087)		107,689		5,002,561		(184,121)	(184,121)	30,102	01/22/2025
63935B-AA-1	MORGAN STANLEY 4.580% 01/24/25		12/15/2023	Paydown		528,788	528,788	528,743	528,755		33		33		528,788				3,372	01/15/2069
61747Y-EJ-0	J.P. MORGAN SECURITIES LLC		01/24/2023	LLC		4,947,950	5,000,000	5,000,000	4,930,500	27,651			27,651		5,000,000		(52,050)	(52,050)	59,890	01/24/2025

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ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

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										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Contractual Maturity Date
63942B-AA-2	NAVIENT STUDENT LAON TRUST SERIES 2021-A CLASS A 144A 0.840% 05/15/69		12/15/2023	Paydown Redemption		533,955	533,955	532,887	533,018		938		938		533,955				2,345	05/15/2069
61772B-AA-1	MORGAN STANLEY NEW YORK LIFE INSURANCE SERIES 144A 0.731% 04/05/24		04/05/2023	100.0000		1,675,000	1,675,000	1,675,000	1,650,976	9,558			9,558		1,675,000				6,122	04/05/2024
64952W-DP-5	1.100% 05/05/23		05/05/2023	Maturity		2,675,000	2,675,000	2,674,438	2,674,935		65		65		2,675,000				14,713	05/05/2023
63743H-EY-4	NATIONAL RURAL UTILITIES COOP SERIES D 1.000% 10/18/24		01/24/2023	J.P. MORGAN SECURITIES LLC		6,546,050	7,000,000	6,993,630	6,475,292	207,234	146		207,380		6,996,309		(450,240)	(450,240)	19,056	10/18/2024
666807-BG-6	NORTHROP GRUMMAN CORP SR UNSEC 3.250% 08/01/23		08/01/2023	Maturity		600,000	600,000	584,118	598,910		1,090		1,090		600,000				19,500	08/01/2023
64952W-EB-5	NEW YORK LIFE GLOBAL FDG SERIES 144A 0.550% 04/27/24		01/24/2023	J.P. MORGAN SECURITIES LLC		2,843,250	3,000,000	2,998,230	2,825,425	69,147	40		69,187		2,999,262		(156,010)	(156,010)	4,125	04/27/2024
67118A-AG-0	BEKARDIA COMMERCIAL MORTGAGE 6.189% 10/15/36		11/15/2023	Paydown		162,126	162,126	160,781	161,586		540		540		162,126				3,987	10/15/2036
64952W-EU-3	NEW YORK LIFE GLOBAL FDG SERIES 144A 3.600% 08/05/25		04/19/2023	CALYON SECURITIES (USA) INC		4,860,900	5,000,000	4,998,600	4,819,202	71,451	141		71,592		4,998,931				128,000	08/05/2025
67181D-AJ-0	OAK STREET INVESTMENT GRADE SERIES 2021-2A CLASS A1 144A 2.380% 11/20/51		12/20/2023	Paydown		75,369	75,369	75,342	75,346		23		23		75,369				972	11/20/2051
65339K-BL-3	NEXTERA ENERGY CAPITAL 4.255% 09/01/24		04/27/2023	BARCLAYS CAPITAL INC		2,970,690	3,000,000	3,007,620	2,959,282	18,636	(1,206)		17,430		3,004,916				85,100	09/01/2024
68233J-CE-2	ONCOR ELECTRIC DELIVERY SERIES 144A 4.150% 06/01/32		01/13/2023	Tax Free Exchange		6,676,799	6,700,000	6,675,411	6,676,732		67		67		6,676,799				32,439	06/01/2032
65339K-BU-3	NEXTERA ENERGY CAPITAL 0.650% 03/01/23		01/24/2023	J.P. MORGAN SECURITIES LLC		4,981,000	5,000,000	5,014,250	4,965,762	14,111	(521)		13,590		5,000,708		(19,716)	(19,716)	13,090	03/01/2023
68377B-AA-5	OPORTUN FUNDING LLC SERIES 2021-A CLASS A 144A 1.210% 03/08/28		12/08/2023	Paydown		1,471,211	1,471,211	1,470,982	1,471,109		102		102		1,471,211				11,368	03/08/2028
65364U-AK-2	NIAGARA MOHAWK POWER SERIES 144A 3.508% 10/01/24		05/01/2023	US BANCORP INVESTMENT		8,081,216	8,320,000	8,953,818	7,992,795	256,152	(70,617)		185,535		8,566,002		(486,743)	(486,743)	171,876	10/01/2024
68389X-BL-8	ORACLE CORP SR UNSEC 2.400% 09/15/23		09/15/2023	Maturity		1,400,000	1,400,000	1,379,224	1,396,563		3,437		3,437		1,400,000				33,600	09/15/2023
68389X-BS-3	ORACLE CORP 2.950% 11/15/24		01/24/2023	J.P. MORGAN SECURITIES LLC		12,588,160	13,000,000	13,857,610	12,493,772	383,196	(18,335)		364,861		13,438,579		(852,311)	(852,311)	75,635	11/15/2024
68504W-AA-5	ONGLT 2018-A A SEQ 3.100% 11/08/30		12/08/2023	Paydown		255,428	255,428	256,146	255,770		(342)		(342)		255,428				4,181	11/08/2030
718546-AY-0	PHILLIPS 66 0.900% 02/15/24		01/24/2023	J.P. MORGAN SECURITIES LLC		2,872,800	3,000,000	3,001,860	2,867,155	52,854			52,854		3,000,000		(127,200)	(127,200)	12,075	02/15/2024
69349L-AK-4	PNC BANK NA SUBORD 2.950% 01/30/23		01/30/2023	Maturity		400,000	400,000	398,212	399,984		16		16		400,000				5,900	01/30/2023
723787-AU-1	PIONEER NATURAL RESOURCE 0.550% 05/15/23		01/24/2023	J.P. MORGAN SECURITIES LLC		1,973,000	2,000,000	1,999,880	1,967,064	13,095	4		13,099		1,999,982		(26,982)	(26,982)	2,169	05/15/2023
717081-DH-3	PFIZER INC SR UNSEC 3.000% 06/15/23		06/15/2023	Maturity		1,400,000	1,400,000	1,397,669	1,399,880		120		120		1,400,000				21,000	06/15/2023
74256L-EQ-8	PRINCIPAL LFE GLB FND II SERIES 144A 0.750% 08/23/24		05/01/2023	J.P. MORGAN SECURITIES LLC		4,719,100	5,000,000	4,996,900	4,632,835	145,404	346		145,750		4,998,646		(279,536)	(279,536)	26,042	08/23/2024
718547-AE-2	PHILLIPS 66 CO SERIES 144A 3.550% 10/01/26		05/05/2023	Tax Free Exchange		1,419,663	1,450,000	1,411,510	1,416,867		2,795		2,795		1,419,663				30,599	10/01/2026
74369C-BF-0	PROTECTIVE LIFE SERIES 144A 0.781% 07/05/24		04/24/2023	WELLS FARGO SECURITIES, LLC		4,737,850	5,000,000	5,000,000	4,663,813	133,756			133,756		5,000,000		(262,150)	(262,150)	31,565	07/05/2024
72703P-AD-5	PLANET FITNESS MASTER ISSUER L SERIES 2022-1A CLASS A21 144A 3.251% 12/05/51		12/05/2023	Paydown		58,000	58,000	58,000	58,000						58,000				1,179	12/05/2051
75513E-CF-6	RAYTHEON TECH CORP SERIES W1 3.700% 12/15/23		05/01/2023	Various		5,323,768	5,368,000	5,776,558	5,305,113	72,012	(56,068)		15,944		5,430,042		(106,181)	(106,181)	76,136	12/15/2023
74166M-AB-2	PRIME SECSRVC BRW/FINANC SR SEC 5.250% 04/15/24		12/29/2023	Call	100.0000	4,334,000	4,334,000	4,496,525	4,385,476		(33,134)		(33,134)		4,352,342		(18,342)	(18,342)	277,666	04/15/2024
80285V-AC-3	SANTANDER DRIVE AUTO REC SERIES 2021-4 CLASS A3 0.510% 08/15/25		04/17/2023	Call	100.0000	3,327	3,327	3,327	3,312	6			6		3,327		85	85	6	08/15/2025
744482-BL-3	PUB SVC NEW HAMP 1ST MORTG 3.500% 11/01/23		11/01/2023	Maturity		1,000,000	1,000,000	996,340	999,643		357		357		1,000,000				35,000	11/01/2023
80285V-AC-3	SANTANDER DRIVE AUTO REC SERIES 2021-4 CLASS A3 0.510% 08/15/25		03/15/2023	Paydown		1,194,385	1,194,385	1,194,276	1,189,008	2,126	34		2,160		1,194,385		85	85	1,000	08/15/2025
784033-AS-1	SCF EQUIPMENT TRUST LLC SERIES 2022-1A CLASS A3 144A 2.920% 07/20/29		12/20/2023	Paydown		40,110	40,110	40,104	40,106		5		5		40,110				1,171	07/20/2029

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855244-BB-4	STARBUCKS CORP 0.000% 02/14/24		04/24/2023	Various		4,992,100	5,000,000	5,000,000	4,971,485	11,345			11,345		5,000,000		(7,900)	(7,900)	109,417	02/14/2024
78450F-AA-5	SMB PRIVATE EDUCATION LOAN TR SERIES 2022-A CLASS APT 144A 2.850% 11/16/54		12/15/2023	Paydown		933,434	933,434	927,722	928,005		5,430		5,430		933,434				13,238	11/16/2054
883556-CS-9	THERMO FISHER SCIENTIFIC 1.215% 10/18/24		04/18/2023	Various		7,606,320	8,000,000	8,000,000	7,508,081	195,715			195,715		8,000,000		(393,680)	(393,680)	49,140	10/18/2024
78458M-AA-2	SMR 2022 IND MORTGAGE TRUST SERIES 2022-IND CLASS A 144A 7.012% 02/15/39		04/15/2023	Paydown		252,530	252,530	250,251	250,936		1,594		1,594		252,530				4,442	02/15/2039
89190G-AC-1	TOYOTA AUTO REC OWNER SERIES 2021-B CLASS A3 0.260% 11/17/25		01/24/2023	Various		4,661,573	4,845,159	4,844,637	4,658,731	74,066	11		74,077		4,844,904		(183,587)	(183,587)	1,435	11/17/2025
79466L-AJ-3	SALESFORCE COM INC 1.950% 07/15/31		12/06/2023	CITIGROUP GLOBAL MARKETS INC		6,649,440	8,000,000	6,263,600	6,297,994		153,202		153,202		6,451,197		198,243	198,243	217,967	07/15/2031
89190G-AC-1	TOYOTA AUTO REC OWNER SERIES 2021-B CLASS A3 0.260% 11/17/25		01/15/2023	Paydown		154,841	154,841	154,825	148,883	2,367	9		2,376		154,841		(418)	(418)	34	11/17/2025
81744N-AA-8	SEMT 2012-6 A1 CSTR AFC 2.500% 12/25/42		12/01/2023	Paydown		3,823	3,823	3,907	3,879		(56)		(56)		3,823				45	12/25/2042
89236T-JU-0	TOYOTA MOTOR CREDIT CORP SERIES MTN 4.095% 01/13/25		05/08/2023	MIZUHO SECURITIES		4,963,195	5,000,000	5,000,000	4,939,256	24,168			24,168		5,000,000		(36,805)	(36,805)	132,874	01/13/2025
81745A-AB-3	SEQUOIA MORTGAGE TRUST SERIES 2013-5 CLASS A2 144A 3.000% 05/25/43		12/01/2023	Paydown		123,397	123,397	127,099	126,472		(3,074)		(3,074)		123,397				1,974	05/25/2043
89239B-AC-5	TOYOTA AUTO REC OWNER SERIES 2021-C CLASS A3 0.430% 01/15/26		05/01/2023	MITSUBISHI UFJ SECURITIE		4,029,539	4,200,000	4,199,672	3,982,881	86,305	35		86,340		4,199,839		(170,253)	(170,253)	6,923	01/15/2026
81761T-AA-3	SERVICEMASTER BRANDS SERIES 2020-1 CLASS A21 144A 2.841% 01/30/51		10/30/2023	Paydown		86,350	86,350	86,350	86,350						86,350				1,315	01/30/2051
92343V-CR-3	VERIZON COMMUNICATIONS 3.500% 11/01/24		01/24/2023	J.P. MORGAN SECURITIES LLC		4,903,150	5,000,000	5,409,850	4,856,750	56,994			56,994		5,000,000		(314,610)	(314,610)	41,319	11/01/2024
82650T-AA-5	SIERRA RECEIVABLES FUNDING CO SERIES 2022-2A CLASS A 144A 4.730% 06/20/40		12/20/2023	Paydown		953,923	953,923	953,865	953,864		59		59		953,923				20,961	06/20/2040
92348K-AA-1	VERIZON MASTER TRUST SERIES 2021-1 CLASS A 0.500% 05/20/27		05/08/2023	TORONTO DOMINION SECURITIES (US		4,197,424	4,410,000	4,409,676	4,142,515	106,347	30		106,377		4,409,842		(212,576)	(212,576)	8,575	05/20/2027
82652Q-AB-7	SIERRA RECEIVABLES FUNDING CO SERIES 2021-1A CLASS B 144A 1.340% 11/20/37		12/20/2023	Paydown		732,367	732,367	732,202	732,240		127		127		732,367				4,765	11/20/2037
92348K-AD-5	VERIZON MASTER TRUST SERIES 2021-2 CLASS A 0.990% 04/20/28		05/09/2023	Various		3,611,720	3,830,000	3,829,448	3,570,172	103,223	52		103,275		3,829,668		(217,853)	(217,853)	14,851	04/20/2028
82653G-AA-0	SPFC 2018-3A A SEQ 3.690% 09/20/35		10/20/2023	Paydown		557,506	557,506	554,752	555,885		1,620		1,620		557,506				14,315	09/20/2035
928668-BA-9	VOLKSWAGEN GROUP AMERICA SERIES 144A 2.850% 09/26/24		04/18/2023	TORONTO DOMINION SECURITIES (US		10,579,115	10,925,000	11,564,296	10,455,323	320,447	(60,691)		259,756		11,200,058		(632,167)	(632,167)	176,439	09/26/2024
83404K-AC-7	SOFI 2017-E A2B SEQ 2.720% 11/26/40		06/25/2023	Paydown		93,671	93,671	91,446	93,368		302		302		93,671				729	11/26/2040
928668-BJ-0	VOLKSWAGEN GROUP AMERICA SERIES 144A 0.875% 11/22/23		01/24/2023	J.P. MORGAN SECURITIES LLC		2,894,250	3,000,000	3,014,850	2,885,668	47,503	(390)		47,113		3,004,675		(110,449)	(110,449)	4,667	11/22/2023
83405D-AC-2	SOFI 2017-C A2B SEQ 2.630% 07/25/40		12/25/2023	Paydown		84,055	84,055	84,034	84,048		7		7		84,055				1,248	07/25/2040
92868K-AC-7	VOLKSWAGEN AUTO LOAN ENHANCE SERIES 2021-1 CLASS A3 1.020% 06/22/26		05/01/2023	Various		6,236,023	6,520,000	6,519,744	6,196,358	128,697	27		128,724		6,519,858		(283,721)	(283,721)	24,570	06/22/2026
83406E-AC-9	SOFI 2018-A A2B SEQ 2.950% 02/25/42		12/25/2023	Paydown		363,541	363,541	360,232	362,487		1,054		1,054		363,541				5,721	02/25/2042
92939U-AF-3	WEC ENERGY GROUP INC 0.800% 03/15/24		04/18/2023	US BANCORP INVESTMENT		4,801,800	5,000,000	5,004,650	4,736,945	105,387	(486)		104,901		5,001,343		(199,551)	(199,551)	23,889	03/15/2024
8426EP-AA-6	SOUTHERN CO GAS CAPITAL CO.GUARNT 2.450% 10/01/23		10/01/2023	Maturity		6,000,000	6,000,000	5,995,320	5,999,471		529		529		6,000,000				147,000	10/01/2023
98163J-AC-9	WORLD OMNI AUTOMOBILE LEASE SERIES 2021-A CLASS A3 0.420% 08/15/24		01/24/2023	DEUTSCHE BANK SECURITIES		4,859,375	5,000,000	4,999,407	4,852,056	58,768	17		58,785		4,999,782		(140,323)	(140,323)	2,392	08/15/2024
857477-AM-5	STATE STREET CORP SR UNSEC 3.700% 11/20/23		11/20/2023	Maturity		1,100,000	1,100,000	1,097,360	1,099,726		274		274		1,100,000				40,700	11/20/2023
98163K-AC-6	WORLD OMNI AUTO RECEIVABLES TR SERIES 2021-D CLASS A3 0.810% 10/15/26		05/01/2023	Various		2,745,675	2,880,000	2,879,608	2,725,114	61,521	39		61,560		2,879,782		(134,051)	(134,051)	8,942	10/15/2026
86190B-AA-2	STORE MASTER FUNDING LLC SERIES 2021-1A CLASS A1 144A 2.120% 06/20/51		12/20/2023	Paydown		23,300	23,300	23,066	23,104		196		196		23,300				268	06/20/2051
98163L-AC-4	WORLD OMNI AUTO RECEIVABLES TR SERIES 2021-B CLASS A3 0.420% 06/15/26		01/24/2023	J.P. MORGAN SECURITIES LLC		2,376,711	2,481,800	2,481,442	2,382,133	39,576	7		39,583		2,481,611		(104,840)	(104,840)	1,187	06/15/2026

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										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
86787E-AN-7	SUNTRUST BANK SR UNSEC 2.750% 05/01/23 ..		..05/01/2023	Maturity		1,200,000	1,200,000	1,195,836	1,199,843		157		157		1,200,000				16,500	..05/01/2023
98163L-AC-4	WORLD OMNI AUTO RECEIVABLES TR SERIES 2021-B CLASS A3 0.420% 06/15/26 .....		..01/15/2023	Paydown		68,200	68,200	68,191	65,462	1,087	5		1,092		68,200		60	60	24	..06/15/2026
87305Q-CE-9	TX CO SR UNSEC 4.125% 10/01/23 .....		..10/01/2023	Maturity		900,000	900,000	899,991	900,000						900,000				37,125	..10/01/2023
98164C-AC-3	WORLD OMNI AUTO RECEIVABLES TR SERIES 2021-C CLASS A3 0.440% 08/17/26 .....		..01/24/2023	DEUTSCHE BANK SECURITIES		2,855,156	3,000,000	2,999,880	2,865,487	53,489	2		53,491		2,999,930		(144,759)	(144,759)	1,503	..08/17/2026
87342R-AG-9	TACO BELL FUNDING LLC SERIES 2021-1A CLASS A21 144A 1.946% 08/25/51 .....		..08/25/2023	Paydown		52,500	52,500	51,157	51,326		1,174		1,174		52,500				511	..08/25/2051
06367T-QW-3	BANK OF MONTREAL SERIES MTN 0.625%	A	..04/19/2023	TORONTO DOMINION SECURITIES (US)		4,724,350	5,000,000	4,992,300	4,672,699	128,669	773		129,442		4,996,874		(272,505)	(272,505)	24,479	..07/09/2024
88033G-DC-1	TENET HEALTHCARE CORP SERIES 144A 4.625% .....		..01/20/2023	Tax Free Exchange		2,010,934	2,000,000	2,065,000	2,011,860		(926)		(926)		2,010,934				35,715	..09/01/2024
064159-3X-2	BANK OF NOVA SCOTIA 0.700% 04/15/24	A	..01/24/2023	J.P. MORGAN SECURITIES LLC		2,852,550	3,000,000	2,999,280	2,835,099	65,485	16		65,501		2,999,707		(147,155)	(147,155)	5,892	..04/15/2024
88161F-AE-6	TESLA AUTO LEASE TRUST SERIES 2021-A CLASS B 144A 1.020% 03/20/25 .....		..12/20/2023	Paydown		1,000,000	1,000,000	999,952	999,983		17		17		1,000,000				9,449	..03/20/2025
064159-8J-8	BANK OF NOVA SCOTIA 0.400% 09/15/23	A	..01/24/2023	J.P. MORGAN SECURITIES LLC		4,859,300	5,000,000	4,995,700	4,840,253	62,955	147		63,102		4,998,633		(139,335)	(139,335)	7,278	..09/15/2023
88167H-AC-0	TESLA AUTO LEASE TRUST SERIES 2020-A CLASS A3 144A 0.680% 12/20/23 .....		..01/20/2023	Paydown		312,964	312,964	312,902	312,960		4		4		312,964				177	..12/20/2023
13607G-RS-5	CANADIAN IMPERIAL BANK 0.500% 12/14/23	A	..01/24/2023	J.P. MORGAN SECURITIES LLC		4,805,700	5,000,000	4,987,100	4,791,657	81,072	329		81,401		4,995,757		(190,035)	(190,035)	2,917	..12/14/2023
89236T-GW-9	TOYOTA MOTOR CREDIT CORP SERIES MTN 2.900% 03/30/23 .....		..03/30/2023	Maturity		7,325,000	7,325,000	7,324,194	7,324,932		68		68		7,325,000				106,213	..03/30/2023
13645R-BD-5	CANADIAN PACIFIC RAILWAY 1.350% 12/02/24	A	..05/08/2023	TORONTO DOMINION SECURITIES (US)		10,396,980	11,000,000	10,802,630	10,253,113	241,608	25,693		267,301		10,886,074		(487,511)	(487,511)	65,175	..12/02/2024
89239R-AC-0	TOYOTA AUTO RECEIVABLES OWNER SERIES 2020-B CLASS A3 1.360% 08/15/24 .....		..09/15/2023	Paydown		527,277	527,277	527,171	527,253		23		23		527,277				2,624	..08/15/2024
29250N-BG-9	ENBRIDGE INC 0.550% 10/04/23	A	..01/24/2023	J.P. MORGAN SECURITIES LLC		3,392,585	3,500,000	3,498,180	3,383,752	45,977	62		46,039		3,499,374		(106,788)	(106,788)	5,989	..10/04/2023
89239R-AD-8	TOYOTA AUTO RECEIVABLES OWNER SERIES 2020-B CLASS A4 1.660% 09/15/25 .....		..12/15/2023	Paydown		969,441	969,441	969,141	969,361		80		80		969,441				14,086	..09/15/2025
29250N-BK-0	ENBRIDGE INC 2.150% 02/16/24	A	..05/08/2023	Various		4,872,100	5,000,000	4,995,800	4,824,490	68,886	743		69,629		4,998,375		(126,259)	(126,259)	78,833	..02/16/2024
91324P-CC-4	UNITEDHEALTH GROUP INC SR UNSEC 2.875% 03/15/23 .....		..03/15/2023	Maturity		2,200,000	2,200,000	2,167,516	2,199,218		782		782		2,200,000				31,625	..03/15/2023
31429K-AE-3	FED CAISSES DESJARDINS SERIES 144A 0.700% .....		..05/21/24	TORONTO DOMINION SECURITIES (US)		4,760,350	5,000,000	4,999,100	4,683,680	125,686	94		125,780		4,999,679		(239,327)	(239,327)	15,069	..05/21/2024
918286-AA-3	VSTNA 2018-A A SEQ 3.560% 02/20/36 .....		..12/20/2023	Paydown		132,884	132,884	131,714	132,059		825		825		132,884				2,511	..02/20/2036
559222-AQ-7	MAGNA INTERNATIONAL INC 3.625% 06/15/24	A	..01/24/2023	J.P. MORGAN SECURITIES LLC		2,947,770	3,000,000	2,905,320	2,932,228	(7,170)	4,039		(3,131)		2,918,246				12,385	..06/15/2024
92290B-AA-9	VERIZON OWNER TRUST SERIES 2020-B CLASS A 0.470% 02/20/25 .....		..10/20/2023	Paydown		2,808,581	2,808,581	2,807,992	2,808,482		99		99		2,808,581				4,879	..02/20/2025
78016E-ZU-4	ROYAL BANK OF CANADA 0.650% 07/29/24	A	..01/24/2023	J.P. MORGAN SECURITIES LLC		4,700,800	5,000,000	4,996,750	4,667,140	131,753	74		131,827		4,998,369		(297,558)	(297,558)	15,979	..07/29/2024
92348T-AA-2	VERIZON OWNER TRUST SERIES 2020-A CLASS A1A 1.850% 07/22/24 .....		..04/20/2023	Paydown		618,835	618,835	618,763	618,832		3		3		618,835				2,186	..07/22/2024
89114T-ZE-5	TORONTO DOMINION BANK SERIES MTN 0.700%	A	..04/24/2023	TORONTO DOMINION SECURITIES (US)		4,701,950	5,000,000	4,996,000	4,653,210	137,076	420		137,496		4,998,164		(296,209)	(296,209)	21,972	..09/10/2024
92937F-AF-8	WFBBS 2013-C12 AS SUB 3.560% 03/15/48 .....		..02/01/2023	Paydown		361,542	361,542	361,768	361,073		468		468		361,542				1,244	..03/15/2048
05971K-AK-5	J.P. MORGAN SECURITIES LLC .....		..05/01/2023	J.P. MORGAN SECURITIES LLC		3,962,600	4,000,000	4,000,000	3,889,479	43,972			43,972		4,000,000		(37,400)	(37,400)	9,580	..06/30/2024
931142-DH-3	BANCO SANTANDER 0.701% 06/30/24	D	..04/11/2023	Maturity		200,000	200,000	199,544	199,986		14		14		200,000				2,550	..04/11/2023
22535W-AD-9	WALMART INC SR UNSEC 2.550% 04/11/23 .....		..10/04/24	CREDIT AGRICOLE LONDON SERIES 144A 3.250%		4,851,050	5,000,000	5,360,000	4,812,547	151,722	(7,550)		144,172		5,186,342		(336,507)	(336,507)	50,556	..10/04/2024
95000F-AU-0	WFCM 2016-C35 ASB SEQ 2.788% 07/15/4812/01/2023	Paydown		222,702	222,702	221,102	222,097		605		605		222,702				3,320	..07/15/2048

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SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										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
22550L-2F-7	CREDIT SUISSE NEW YORK SERIES FXD 0.520% 08/09/23	D	.05/08/2023	Various		4,895,000	5,000,000	5,000,000	4,756,250	96,978			96,978		5,000,000		(105,000)	(105,000)	19,572	08/09/2023
95000U-2R-3	WELLS FARGO & COMPANY SERIES MTN 6.930% 06/02/24	D	.06/02/2023	Call 100.0000		6,050,000	6,050,000	6,050,000	6,050,000						6,050,000				50,034	06/02/2024
404280-CU-1	HSBC HOLDINGS PLC 0.732% 08/17/24	D	.05/08/2023	WFBS 2013-C18 A5 AFC SEQ 4.162% 12/15/46		3,251,853	3,300,000	3,300,000	3,179,934	47,770			47,770		3,300,000		(48,147)	(48,147)	17,647	08/17/2024
96221Q-AE-3		D	.12/01/2023	Paydown		5,000,000	5,000,000	5,198,633	5,029,473		(29,473)		(29,473)		5,000,000				208,100	12/15/2046
456837-AK-9	ING GROEP NV 4.100% 10/02/23	D	.01/24/2023	J.P. MORGAN SECURITIES LLC		9,893,152	9,965,000	10,767,273	9,884,216	134,048	(23,370)		110,678		10,197,767		(305,589)	(305,589)	129,379	10/02/2023
96221Q-AF-0	WFBS COMMERCIAL MORTGAGE TRU SERIES 2013-C18 CLASS ASB 3.676% 12/15/46	D	.10/01/2023	Paydown		360,533	360,533	368,504	362,077		(1,544)		(1,544)		360,533				6,106	12/15/2046
456873-AB-4	INGERSOLL RAND LUX FINAN 3.550% 11/01/24	D	.01/24/2023	J.P. MORGAN SECURITIES LLC		3,301,781	3,367,000	3,638,818	3,280,777	89,769	(6,030)		83,739		3,500,376		(199,715)	(199,715)	28,222	11/01/2024
064159-QD-1	BANK OF NOVA SCOTIA SR UNSEC 2.375% 01/18/23	A	.01/18/2023	Maturity		5,550,000	5,550,000	5,547,392	5,549,964		36		36		5,550,000				65,906	01/18/2023
49374J-AB-9	KIA CORP SERIES 144A 1.000% 04/16/24	D	.05/10/2023	HSBC SECURITIES INC		1,275,313	1,325,000	1,320,906	1,247,155	30,272	489		30,761		1,323,730		(48,405)	(48,405)	7,582	04/16/2024
89352H-AK-5	TRANSCANADA PIPELINES SR UNSEC 3.750% 10/16/23	A	.10/16/2023	Maturity		900,000	900,000	894,339	899,474		526		526		900,000				33,750	10/16/2023
49374J-AC-7	KIA CORP SERIES 144A 2.375% 02/14/25	D	.05/10/2023	HSBC SECURITIES INC		3,185,259	3,335,000	3,326,262	3,094,005	93,424	1,044		94,468		3,329,866		(144,540)	(144,540)	58,965	02/14/2025
00653M-AA-9	ADCB FINANCE CAYMAN LTD CO.GUARNT 4.000% 03/29/23	D	.03/29/2023	Maturity		3,600,000	3,600,000	3,587,400	3,599,338		662		662		3,600,000				72,000	03/29/2023
5006EP-AL-5	KOREA EAST WEST POWER CO SERIES 144A 3.600% 05/06/25	D	.05/10/2023	Various		1,830,563	1,875,000	1,866,994	1,812,854	22,238	957		23,195		1,869,704		(39,044)	(39,044)	34,875	05/06/2025
03845E-AA-0	ARAB PETROLEUM INVST SR UNSEC 4.125% 09/18/23	D	.09/18/2023	Maturity		2,000,000	2,000,000	1,996,600	1,999,474		526		526		2,000,000				82,500	09/18/2023
60920L-AQ-7	MONDELEZ INTL HLDGS NED SERIES 144A 0.750% 09/24/24	D	.04/19/2023	WELLS FARGO SECURITIES, LLC		4,706,100	5,000,000	4,992,300	4,625,630	147,181	773		147,954		4,996,333		(290,223)	(290,223)	21,563	09/24/2024
05964H-AE-5	BANCO SANTANDER SA SR UNSEC 3.125% 02/23/23	D	.02/23/2023	Maturity		3,400,000	3,400,000	3,393,472	3,399,807		193		193		3,400,000				53,125	02/23/2023
62878U-2C-5	NBN CO LTD SERIES 144A 0.875% 10/08/24	D	.04/18/2023	TORONTO DOMINION SECURITIES (US)		4,698,750	5,000,000	4,984,800	4,610,041	151,585	1,512		153,097		4,992,553		(293,761)	(293,761)	23,333	10/08/2024
05968D-AB-6	BANCO INTERNAC DEL PERU SR UNSEC 3.375% 01/18/23	D	.01/18/2023	Maturity		2,000,000	2,000,000	1,998,720	1,999,987		13		13		2,000,000				33,750	01/18/2023
63906Y-AB-4	NATWEST MARKETS PLC SERIES 144A 0.800% 08/12/24	D	.01/24/2023	J.P. MORGAN SECURITIES LLC		748,400	800,000	798,520	741,180	23,110	31		23,141		799,297		(50,891)	(50,891)	2,916	08/12/2024
111013-AL-2	SKY LTD CO.GUARNT 3.750% 09/16/24	D	.05/05/2023	TENDER SALE		296,535	300,000	298,860	299,774		46		46		299,820		(3,285)	(3,285)	7,313	09/16/2024
83368R-AU-6	SOCIETE GENERALE SERIES 144A 2.625% 10/16/24	D	.05/08/2023	TORONTO DOMINION SECURITIES (US)		4,755,300	5,000,000	5,226,600	4,731,113	155,951	(24,279)		131,672		5,098,808		(344,437)	(344,437)	74,375	10/16/2024
225433-AC-5	CRED SUIS GP FUN LTD CO.GUARNT 3.750% 03/26/25	D	.03/16/2023	MORGAN STANLEY & CO. INC.		640,000	1,000,000	997,761	999,396		56		56		999,452		(359,452)	(359,452)	18,125	03/26/2025
86562M-BF-6	SUMITOMO MITSUI FINL GRP 3.936% 10/16/23	D	.01/24/2023	J.P. MORGAN SECURITIES LLC		4,961,400	5,000,000	5,419,450	4,944,233	74,429	(11,398)		63,031		5,119,908		(159,034)	(159,034)	54,667	10/16/2023
25243Y-AU-3	DIAGEO CAPITAL PLC CO.GUARNT 2.625% 04/29/23	D	.04/29/2023	Maturity		1,000,000	1,000,000	997,550	999,814		101		101		999,915		85	85	13,125	04/29/2023
86562M-BT-6	SUMITOMO MITSUI FINL GRP 2.448% 09/27/24	D	.04/19/2023	SMBC NIKKO SECURITIES AMERICA		4,784,850	5,000,000	5,249,250	4,752,754	151,420	(23,098)		128,322		5,110,241		(325,935)	(325,935)	69,360	09/27/2024
46115H-BC-0	INTESA SANPAOLO SPA SR UNSEC 3.375% 01/12/23	D	.01/12/2023	Maturity		3,200,000	3,200,000	3,191,680	3,199,946		54		54		3,200,000				54,000	01/12/2023
902674-YK-0	UBS AG LONDON SERIES 144A 0.700% 08/09/24	D	.04/18/2023	Various		4,699,199	5,000,000	4,997,950	4,659,126	135,183	206		135,389		4,999,108		(299,902)	(299,902)	24,400	08/09/2024
693483-AD-1	POSCO SR UNSEC 4.000% 08/01/23	D	.08/01/2023	Maturity		2,000,000	2,000,000	1,989,620	1,998,677		1,323		1,323		2,000,000				80,000	08/01/2023
74435K-AA-3	PRUDENTIAL PLC 3.125% 04/14/30	D	.03/03/2023	Tax Free Exchange		1,092,295	1,100,000	1,089,638	1,092,134		161		161		1,092,295				13,273	04/14/2030
78520L-AA-8	SABIC CAPITAL II BV CO.GUARNT 4.000% 10/10/23	D	.10/10/2023	Maturity		2,575,000	2,575,000	2,564,494	2,573,239		1,761		1,761		2,575,000				103,000	10/10/2023
82460C-AM-6	SHINHAN BANK SR UNSEC 3.875% 11/05/23	D	.11/05/2023	Maturity		4,675,000	4,675,000	4,648,960	4,670,249		4,751		4,751		4,675,000				181,156	11/05/2023

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21
										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
82481L-AC-3	SHIRE ACQ INV IRELAND DA CO GUARNT 2.875% 09/23/23	D	09/23/2023	Maturity		796,000	796,000	795,897	795,988		12		12		796,000				22,885	09/23/2023
865622-BE-3	SUMITOMO MITSUI BANKING CO GUARNT 3.950% 07/19/23	D	07/19/2023	Maturity		1,575,000	1,575,000	1,582,597	1,575,497		(497)		(497)		1,575,000				62,213	07/19/2023
87124V-AF-6	SYDNEY AIRPORT FINANCE SR SEC 3.625% 04/28/26	D	04/24/2023	WESTPAC INSTN BNK AMERICAS		1,157,232	1,200,000	1,199,400	1,199,776		20		20		1,199,796		(42,564)	(42,564)	21,508	04/28/2026
874060-AT-3	TAKEDA PHARMACEUTICAL SERIES III 4.400% 11/26/23	D	11/26/2023	Maturity		1,517,000	1,517,000	1,516,510	1,516,888		112		112		1,517,000				66,748	11/26/2023
961214-DS-9	WESTPAC BANKING CORP SR UNSEC 2.750% 01/11/23	D	01/11/2023	Maturity		2,000,000	2,000,000	1,997,980	1,999,989		11		11		2,000,000				27,500	01/11/2023
1109999999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)						734,150,488	757,106,718	762,644,666	731,885,767	10,073,306	(254,791)		9,818,515		756,949,655		(22,956,871)	(22,956,871)	8,822,543	XXX
03765V-AK-6	PRIME SECURITY SERVICES BOR 09/23/26		10/13/2023	Redemption		469,068	469,068	469,036	469,027		41		41		469,068				38,688	09/23/2026
05377J-AR-3	AVIS BUDGET CAR RENTAL LLC TERM B 07/31/27		09/29/2023	Redemption		10,830	10,830	10,840	10,837		(6)		(6)		10,830				361	07/31/2027
05400K-AE-0	AVOLON TLB BORROWER 1 US AVOLON TLB BORROWER 1 US 01/15/25		06/22/2023	Tax Free Exchange		380,834	380,982	380,505	380,794		40		40		380,834				14,842	01/15/2025
05400K-AF-7	AVOLON TLB BORROWER 1 US TERM B4 02/10/27		12/29/2023	Redemption		5,000	5,000	4,988	4,992		8		8		5,000				224	02/10/2027
13134M-BT-9	CALPINE CORP 12/02/27		08/09/2023	Redemption		253,371	253,371	252,579	252,757		615		615		253,371				9,202	12/02/2027
16117L-BW-8	CHARTER COMMUNICATIONS OPER CHARTER COMMUNICATIONS OPER 04/30/25		09/29/2023	Redemption		13,875	13,875	13,873	13,872		3		3		13,875				399	04/30/2025
16117L-BW-8	CHARTER COMMUNICATIONS OPER CHARTER COMMUNICATIONS OPER 04/30/25		12/07/2023	Tax Free Exchange		1,743,498	1,743,625	1,743,330	1,743,219		279		279		1,743,498				123,236	04/30/2025
18449E-AE-0	CLEAN HARBORS INC CLEAN HARBORS INC 06/28/24		01/24/2023	Redemption		818,887	818,887	825,029	820,527		(1,640)		(1,640)		818,887				3,488	06/28/2024
20337E-AQ-4	COMMSCOPE INC COMMSCOPE INC 04/04/26		10/13/2023	JP MORGAN SECURITIES		3,412,301	3,696,000	3,678,194	3,685,990		2,585		2,585		3,688,575		(276,274)	(276,274)	250,030	04/04/2026
20337E-AQ-4	COMMSCOPE INC COMMSCOPE INC 04/04/26		10/23/2023	Redemption		28,875	28,875	28,783	28,823		52		52		28,875				1,225	04/04/2026
23918V-AY-0	DAVITA INC Term B 08/12/26		12/29/2023	Redemption		41,488	41,488	41,689	41,607		(120)		(120)		41,488				2,921	08/12/2026
40409V-AR-5	H.B. FULLER CO H.B. FULLER CO 10/21/24		02/15/2023	Redemption		469,075	469,075	470,323	469,478		(403)		(403)		469,075				4,763	10/21/2024
43289D-AH-6	HILTON WORLDWIDE FINANCE HILTON WORLDWIDE FINANCE 06/21/26		11/08/2023	Tax Free Exchange		751,093	749,091	753,905	751,678		(586)		(586)		751,093				49,442	06/21/2026
44969C-BJ-8	IQVIA INC IQVIA INC 06/11/25		11/28/2023	Redemption		317,022	317,022	316,230	316,703		320		320		317,022				24,272	06/11/2025
45672J-AK-6	INEOS US FINANCE LLC INEOS US FINANCE LLC 03/31/24		02/17/2023	Redemption		7,445	7,445	7,482	7,456		(11)		(11)		7,445				64	03/31/2024
45672J-AK-6	INEOS US FINANCE LLC INEOS US FINANCE LLC 03/31/24		02/16/2023	Tax Free Exchange		1,423,222	1,421,305	1,428,411	1,423,359		(137)		(137)		1,423,222				12,218	03/31/2024
64072U-AK-8	CSC HOLDINGS LLC CSC HOLDINGS LLC 04/15/27		10/16/2023	Redemption		21,945	21,945	21,737	21,812		133		133		21,945				749	04/15/2027
72584D-AF-1	KFC HOLDING CO KFC HOLDING CO 03/15/28		12/29/2023	Redemption		15,750	15,750	15,773	15,764		(14)		(14)		15,750				725	03/15/2028
73179Y-AK-3	AVIENT CORPORATION TERM 01/30/26		08/16/2023	Tax Free Exchange		999,717	997,823	1,002,812	1,000,099		(381)		(381)		999,717				64,298	01/30/2026
80862Q-AD-3	SCIENCE APPLICATIONS INTERN SCIENCE APPLICATIONS INTERN 10/31/25		12/29/2023	Redemption		154,066	154,066	154,451	154,265		(199)		(199)		154,066				10,875	10/31/2025
88233F-AK-6	VISTRA OPERATIONS CO LLC VISTRA OPERATIONS CO LLC 12/31/25		09/29/2023	Redemption		2,350	2,350	2,350	2,350						2,350				77	12/31/2025
98310C-AC-6	WYNDHAM HOTELS & RESORTS WYNDHAM HOTELS & RESORTS 05/30/25		05/25/2023	Tax Free Exchange		2,619,841	2,633,897	2,596,265	2,617,508		2,329		2,329		2,619,837				68,671	05/30/2025
68371Y-AJ-2	OPEN TEXT CORP OPEN TEXT CORP 05/30/25	A	12/29/2023	Redemption		7,281	7,281	7,297	7,288		(6)		(6)		7,281				297	05/30/2025
1909999999. Subtotal - Bonds - Unaffiliated Bank Loans						13,966,834	14,259,051	14,225,882	14,240,205		2,902		2,902		14,243,104		(276,274)	(276,274)	681,067	XXX

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ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										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
2509999997. Total - Bonds - Part 4						1,408,830,505	1,412,862,051	1,417,335,528	1,366,404,965	18,398,984	(326,632)		18,072,352		1,412,323,133		(37,877,257)	(37,877,257)	10,512,911	XXX
2509999998. Total - Bonds - Part 5						4,697,804	4,674,684	4,682,812			(2,905)		(2,905)		4,679,909		(5,225)	(5,225)	135,478	XXX
2509999999. Total - Bonds						1,413,528,309	1,417,536,735	1,422,018,340	1,366,404,965	18,398,984	(329,537)		18,069,447		1,417,003,042		(37,882,482)	(37,882,482)	10,648,389	XXX
4509999997. Total - Preferred Stocks - Part 4							XXX													XXX
4509999998. Total - Preferred Stocks - Part 5							XXX													XXX
4509999999. Total - Preferred Stocks							XXX													XXX
00091E-10-9	ABSCI CORP		.06/23/2023	Various	1,494,000	2,645		12,460	3,137	9,323			9,323		12,460		(9,846)	(9,846)		
000987-10-0	ABM INDUSTRIES INC		.04/25/2023	Various	788,000	32,706		10,044	35,002	(24,958)			(24,958)		10,044		22,733	22,733	347	
001055-10-2	AFLAC INC		.09/01/2023	Various	1,654,000	113,570		14,563	118,989	(104,426)			(104,426)		14,563		99,318	99,318	1,268	
001084-10-2	AGCO CORP		.08/16/2023	GUZMAN AND COMPANY	248,000	29,873		2,855	34,395	(31,540)			(31,540)		2,855		27,103	27,103	1,443	
00130H-10-5	AES CORP THE		.10/10/2023	Various	2,209,000	28,708		78,844	63,531	14,270			14,270		78,844		(50,294)	(50,294)	1,099	
00165C-10-4	AMC ENTERTAINMENT HLDGS INC		.08/23/2023	Various	12,774,000	26,582		191,117	51,990	139,127			139,127		191,116		(165,052)	(165,052)		
001744-10-1	AMN HEALTHCARE SERVICES INC		.07/21/2023	GUZMAN AND COMPANY	320,000	35,538		6,494	32,903	(26,409)			(26,409)		6,494		29,135	29,135		
00206R-10-2	AT&T INC		.09/01/2023	Various	11,096,000	177,222		177,781	204,277	(26,496)			(26,496)		177,781		(561)	(561)	7,178	
00246W-10-3	AXT INC		.06/23/2023	Various	1,452,000	4,763		9,945	6,360	3,585			3,585		9,946		(5,198)	(5,198)		
002824-10-0	ABBOTT LABORATORIES		.10/10/2023	Various	3,085,000	322,232		40,093	338,702	(298,438)			(298,438)		40,093		283,025	283,025	3,862	
00287Y-10-9	ABBVIE INC		.10/10/2023	Various	3,352,000	497,162		47,483	541,716	(494,419)			(494,419)		47,482		451,092	451,092	12,124	
00507V-10-9	ACTIVISION BLIZZARD INC		.10/16/2023	Various	21,427,000	2,015,494		773,191	1,640,237	(867,046)			(867,046)		773,191		1,246,206	1,246,206	20,377	
00508Y-10-2	ACUITY BRANDS INC		.04/25/2023	Various	210,000	32,429		5,604	34,778	(29,174)			(29,174)		5,604		26,909	26,909	55	
00534A-10-2	ADAGIO THERAPEUTICS INC		.06/23/2023	Various	488,000	522		25,114	732	24,382			24,382		25,114		(24,669)	(24,669)		
00724F-10-1	ADOBE SYSTEMS INC		.10/10/2023	Various	1,112,000	487,400		10,033	374,222	(364,189)			(364,189)		10,033		478,867	478,867		
00737L-10-3	ADTALEM GLOBAL ED INC		.04/25/2023	Various	819,000	33,231		21,054	29,074	(8,020)			(8,020)		21,053		12,215	12,215		
00751Y-10-6	ADVANCE AUTO PARTS INC		.08/16/2023	GUZMAN AND COMPANY	431,000	30,112		13,168	63,370	(50,202)			(50,202)		13,168		16,997	16,997	1,401	
00766T-10-0	AECOM TECHNOLOGY CORP		.05/31/2023	Various	434,000	33,877		5,381	36,860	(22,485)			(22,485)		5,382		28,586	28,586	156	
00770K-20-2	AEMETIS INC		.04/04/2023	Various	684,000	1,595		8,269	2,709	5,560			5,560		8,269		(6,695)	(6,695)		
007800-10-5	AERQJET ROCKETDYNE HLDGS INC		.07/28/2023	Corporate Action	1,972,000	114,376		80,798	110,294	(29,496)			(29,496)		80,798		33,683	33,683		
007903-10-7	ADVANCED MICRO DEVICES INC		.10/10/2023	Various	3,132,000	333,604		124,212	202,859	(161,111)			(161,111)		124,211		210,050	210,050		
008252-10-8	AFFILIATED MANAGERS GROUP INC		.10/10/2023	Various	216,000	28,204		19,729	34,220	(14,491)			(14,491)		19,729		8,502	8,502	6	
00846U-10-1	AGILENT TECHNOLOGIES INC		.12/15/2023	Various	632,000	81,985		18,397	94,580	(75,986)			(75,986)		18,398		63,788	63,788	453	
00847G-70-5	AGENUS INC		.04/26/2023	Spin Off	0,000	488		488	265	(265)			(265)		488					
009066-10-1	AIRBNB INC CLASS A		.10/10/2023	Various	767,000	93,417		79,388	65,579	13,809			13,809		79,388		14,073	14,073		
009158-10-6	AIR PRODUCTS & CHEMICALS INC		.10/10/2023	Various	441,000	124,700		14,559	135,942	(121,383)			(121,383)		14,559		110,487	110,487	2,018	
00971T-10-1	AKAMAI TECHNOLOGIES INC		.09/01/2023	Various	331,000	34,871		16,484	27,904	(11,420)			(11,420)		16,484		18,445	18,445		
011311-10-7	ALAMO GROUP INC		.04/25/2023	Various	183,000	32,502		3,787	25,913	(22,126)			(22,126)		3,787		28,805	28,805	81	
011659-10-9	ALASKA AIR GROUP INC		.10/10/2023	Various	813,000	28,395		5,659	34,910	(29,251)			(29,251)		5,659		22,807	22,807		
012348-10-8	ALBANY INTERNATIONAL CORP		.06/23/2023	Various	281,000	25,162		6,289	27,704	(21,415)			(21,415)		6,289		18,932	18,932	211	
012653-10-1	ALBEMARLE CORP		.05/31/2023	Various	165,000	31,935		3,031	35,782	(32,751)			(32,751)		3,031		28,995	28,995	131	
013091-10-3	ALBERTSONS COMPANIES INC		.07/21/2023	Various	3,234,000	67,735		53,410	67,073	(13,663)			(13,663)		53,410		14,370	14,370	582	
01345P-10-6	ALBIREO PHARMA INC		.02/21/2023	Various	332,000	14,528		12,386	7,174	5,212			5,212		12,386		2,149	2,149		
016255-10-1	ALIGN TECHNOLOGY INC		.09/01/2023	Various	290,000	97,609		1,993	61,161	(59,168)			(59,168)		1,993		95,916	95,916		
018802-10-8	ALLIANT ENERGY CORP		.09/01/2023	Various	692,000	34,454		10,235	38,205	(27,970)			(27,970)		10,234		24,295	24,295	939	
019818-10-3	ALLOVIR INC		.12/26/2023	Various	845,000	650		22,348	4,335	18,013			18,013		22,348		(21,766)	(21,766)		
020002-10-1	ALLSTATE CORP THE		.12/15/2023	Various	657,000	78,847		18,115	89,089	(70,974)			(70,974)		18,115		60,923	60,923	1,959	
02005N-10-0	ALLY FINANCIAL INC		.06/23/2023	Various	1,575,000	41,535		36,795	38,509	(1,714)			(1,714)		36,795		4,755	4,755	945	
020430-10-7	ALNYLAM PHARMACEUTICALS INC		.09/01/2023	Various	176,000	35,406		2,653	41,826	(39,173)			(39,173)		2,653		32,856	32,856		
02079K-10-7	ALPHABET INC		.12/15/2023	Various	18,483,000	2,223,002		144,866	1,639,996	(1,494,799)			(1,494,799)		144,865		2,084,665	2,084,665		
02079K-30-5	ALPHABET INC		.10/10/2023	Various	13,939,000	1,673,262		103,945	1,229,838	(1,126,130)			(1,126,130)		103,945		1,574,247	1,574,247		
021513-10-6	ALTO INGREDIENTS INC		.06/23/2023	Various	1,963,000	4,731		12,052	5,653	6,399			6,399		12,052		(7,344)	(7,344)		

E14.11

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										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
02156K-10-3	ALTICE USA INC		.06/23/2023	Various	6,143,000	13,084		149,572	28,257	121,315			121,315		149,571		(136,917)	(136,917)		
02208R-10-6	ALTRA HOLDINGS INC		.03/28/2023	Corporate Action	1,535,000	95,170		43,075	91,716	(46,864)			(46,864)		43,075		52,259	52,259	276	
02209S-10-3	ALTRIA GROUP INC		.10/10/2023	Various	4,408,000	198,492		35,327	201,490	(166,163)			(166,163)		35,327		163,678	163,678	10,344	
023135-10-6	AMAZON.COM INC		.10/10/2023	Various	16,956,000	2,053,420		30,880	1,424,304	(1,393,424)			(1,393,424)		30,880		2,028,894	2,028,894		
025537-10-1	AMERICAN ELECTRIC POWER CO INC		.12/15/2023	Various	1,289,000	109,200		51,133	122,390	(71,257)			(71,257)		51,132		58,249	58,249	2,568	
025676-20-6	AMERICAN EQTY INVEST LIFE HLD		.05/31/2023	Various	827,000	32,628		9,125	37,728	(28,603)			(28,603)		9,125		23,577	23,577		
025816-10-9	AMERICAN EXPRESS CO		.12/15/2023	Various	1,540,000	253,882		33,595	227,535	(193,940)			(193,940)		33,595		220,979	220,979	2,502	
025932-10-4	AMERICAN FINANCIAL GROUP INC		.05/31/2023	Various	290,000	32,561		6,272	39,811	(33,539)			(33,539)		6,272		26,372	26,372	1,525	
02607T-10-9	AMERICAN FINANCE TRUST INC		.09/13/2023	Tax Free Exchange	3,752,000	40,894		40,894	22,250	12,926			12,926		40,894				2,392	
026874-78-4	AMERICAN INTL GROUP INC		.09/15/2023	Various	2,086,000	120,576		93,209	131,919	(38,710)			(38,710)		93,209		27,453	27,453	1,741	
02913V-10-3	AMERICAN PUBLIC EDUCATION INC		.06/23/2023	Various	675,000	3,031		26,217	8,295	17,922			17,922		26,217		(23,259)	(23,259)		
03027X-10-0	AMERICAN TOWER REIT INC		.09/01/2023	Various	826,000	157,320		10,212	174,996	(164,784)			(164,784)		10,212		147,570	147,570	2,951	
03073E-10-5	AMERISOURCEBERGEN CORP		.09/01/2023	Various	198,000	34,642		2,500	32,810	(30,310)			(30,310)		2,500		32,243	32,243	288	
03076C-10-6	AMERIPRISE FINANCIAL INC		.07/21/2023	Various	208,000	66,771		5,783	64,765	(58,982)			(58,982)		5,783		61,180	61,180	396	
031100-10-0	AMETEK INC		.10/10/2023	Various	378,000	58,096		1,088	52,814	(51,726)			(51,726)		1,088		57,187	57,187	236	
031162-10-0	AMGEN INC		.10/10/2023	Various	990,000	240,280		33,983	260,013	(226,030)			(226,030)		33,983		206,945	206,945	4,522	
03209S-10-1	AMPHENOL CORP		.10/10/2023	Various	1,141,000	93,345		4,635	86,875	(82,240)			(82,240)		4,634		88,989	88,989	597	
03209R-10-3	AMPHASTAR PHARMACEUTICALS INC		.07/21/2023	Various	565,000	34,813		10,112	15,832	(5,720)			(5,720)		10,112		24,779	24,779		
032654-10-5	ANALOG DEVICES INC		.10/10/2023	Various	1,489,000	271,999		45,604	244,241	(198,637)			(198,637)		45,604		227,106	227,106	2,087	
036620-10-5	ANSYS INC		.10/10/2023	Various	196,000	61,517		917	47,352	(46,435)			(46,435)		917		60,790	60,790		
03674X-10-6	ANTERO RESOURCES CORP		.09/01/2023	Various	1,254,000	35,350		36,318	38,861	(2,543)			(2,543)		36,318		(971)	(971)		
036752-10-3	ANTHEM INC		.10/10/2023	Various	560,000	256,788		9,999	287,263	(277,264)			(277,264)		9,999		247,564	247,564	1,354	
03676B-10-2	ANTERO MIDSTREAM CORP		.04/25/2023	Various	3,241,000	32,008		37,139	34,970	458			458		37,139		(5,147)	(5,147)	1,458	
037430-10-8	APACHE CORP		.08/16/2023	GUZMAN AND COMPANY	822,000	35,869		13,662	38,371	(24,709)			(24,709)		13,662		22,277	22,277	617	
03750L-10-9	APARTMENT INCOME REIT CO		.09/01/2023	Various	1,019,000	34,585		10,211	34,962	338			338		10,211		24,451	24,451	1,376	
03769M-10-6	APOLLO GLOBAL MANAGEMENT INC		.10/10/2023	Various	1,186,000	91,489		54,829	75,655	(20,826)			(20,826)		54,829		36,775	36,775	1,119	
037833-10-0	APPLE INC		.12/15/2023	Various	37,424,000	6,654,851		15,243	4,862,499	(4,847,256)			(4,847,256)		15,242		6,660,468	6,660,468	20,093	
03820C-10-5	APPLIED INDUSTRIAL TECH INC		.05/31/2023	Various	261,000	32,096		1,727	32,894	(31,167)			(31,167)		1,727		30,464	30,464	183	
038222-10-5	APPLIED MATERIALS INC		.10/10/2023	Various	2,166,000	278,135		30,881	210,925	(180,044)			(180,044)		30,881		248,031	248,031	1,071	
03831W-10-8	APPROVIN CORP CLASS A		.08/16/2023	GUZMAN AND COMPANY	758,000	29,597		30,038	7,982	22,056			22,056		30,038		(442)	(442)		
038336-10-3	APTARGROUP INC		.10/10/2023	GUZMAN AND COMPANY	221,000	27,964		2,140	24,305	(22,165)			(22,165)		2,140		25,905	25,905	259	
03852J-10-6	ARAMARK HOLDINGS CORP		.10/02/2023	Spin Off	0,000	54,345		54,345	69,106	(14,753)			(14,753)		54,345					
039483-10-2	ARCHER DANIELS MIDLAND COMPANY		.10/10/2023	Various	1,768,000	135,665		21,513	164,159	(142,646)			(142,646)		21,513		114,511	114,511	1,800	
03966V-10-7	ARCONIC CORP		.08/18/2023	Various	2,870,000	85,843		31,370	60,728	2,817			2,817		31,369		54,644	54,644		
03990B-10-1	ARES MANAGEMENT CORP		.09/01/2023	Various	336,000	34,668		8,792	22,995	(19,862)			(19,862)		8,792		25,957	25,957	517	
040413-10-6	ARISTA NETWORKS INC		.10/10/2023	Various	355,000	60,403		7,297	43,079	(35,782)			(35,782)		7,297		53,273	53,273		
042315-50-7	ARMOUR RESIDENTIAL REIT INC		.10/02/2023	Tax Free Exchange	2,063,000	41,136		41,136	11,615	21,334			21,334		41,136				1,568	
04247X-10-2	ARMSTRONG WORLD INDUSTRIES INC		.04/25/2023	GUZMAN AND COMPANY	455,000	31,015		22,074	31,208	(9,243)			(9,243)		22,074		8,969	8,969	116	
042744-10-2	ARROW FINANCIAL CORP		.10/05/2023	Direct	1,000	15		11	29	(452)			(452)		12		4	4	1	
04280A-10-0	ARROHEAD RESEARCH CORP		.07/21/2023	GUZMAN AND COMPANY	1,026,000	37,014		13,604	41,615	(28,011)			(28,011)		13,604		23,484	23,484		
044103-86-9	ASHFORD HOSPITALITY TRUST		.04/11/2023	Various	1,308,000	3,557		13,255	5,846	7,410			7,410		13,255		(9,728)	(9,728)		
045528-10-6	ASSOCIATED CAPITAL GROUP INC		.06/23/2023	Various	269,000	9,418		3,793	11,295	(7,507)			(7,507)		3,793		5,643	5,643	27	
04621X-10-8	ASSURANT INC		.09/01/2023	Various	249,000	34,865		10,354	31,140	(20,786)			(20,786)		10,354		24,588	24,588	523	
04634X-10-3	ASTRA SPACE INC		.06/23/2023	Various	3,983,000	1,435		5,974	1,728	4,246			4,246		5,974		(4,553)	(4,553)		
046513-10-7	ATARA BIOTHERAPEUTICS INC		.06/07/2023	Various	2,394,000	3,882		75,002	7,852	67,150			67,150		75,002		(71,343)	(71,343)		
04746L-10-4	ATHIRA PHARMA INC		.06/23/2023	Various	866,000	2,546		16,263	2,746	13,517			13,517		16,263		(13,760)	(13,760)		
04911A-10-7	ATLANTIC UNION BANKSHARES CS		.02/28/2023	Various	872,000	32,669		7,688	30,642	(16,521)			(16,521)		7,688		25,059	25,059	262	
049164-20-5	ATLAS AIR WORLDWIDE HLDGS INC		.03/20/2023	Corporate Action	597,000	61,193		24,388	60,178	(35,790)			(35,790)		24,389		36,921	36,921		
049468-10-1	ATLASSIAN CORP		.08/16/2023	Various	156,000	29,166		3,923	20,073	(16,150)			(16,150)		3,922		25,322	25,322		

E14.12

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	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 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
049660-10-5	ATMOS ENERGY CORP		.08/16/2023	Various	262.000	30.302		6.439	29.362	(22.923)			(22.923)		6.439		23.938	23.938		388
05070N-10-3	AUDACY INC		.03/21/2023	Various	4,712.000	477		39.518	1,061	38.323			38.323		39.519		(39.164)	(39.164)		
052769-10-6	AUTODESK INC		.10/10/2023	Various	640.000	129.459		5.077	119.597	(114.520)			(114.520)		5.077		124.773	124.773		
053015-10-3	AUTOMATIC DATA PROCESSING INC		.10/10/2023	Various	872.000	203.589		23.318	208.286	(185.012)			(185.012)		23.318		180.847	180.847		2.988
05329W-10-2	AUTONATION INC		.02/28/2023	Various	234.000	31.947		13.832	25.108	(11.276)			(11.276)		13.832		18.172	18.172		
053332-10-2	AUTOZONE INC		.10/10/2023	Various	66.000	161.772		25.253	162.768	(137.515)			(137.515)		25.253		136.948	136.948		
053484-10-1	AVALONBAY COMMUNITIES INC		.06/23/2023	Various	354.000	61.545		14.690	57.178	(42.488)			(42.488)		14.690		47.002	47.002		926
05351W-10-3	AVANGRID INC		.08/16/2023	GUZMAN AND COMPANY	878.000	30.261		25.003	37.736	(12.733)			(12.733)		25.003		5.275	5.275		1,159
05356F-10-5	AVEANNA HEALTHCARE HOLDINGS		.12/15/2023	BBHSL NOMINEES	920.000	2.180		11.628	717	10.911			10.911		11,628		(9.478)	(9.478)		
053611-10-9	AVERY DENNISON CORP		.10/10/2023	GUZMAN AND COMPANY	152.000	28.014		7.969	27.511	(19.542)			(19.542)		7.968		20.108	20.108		360
05367P-10-0	AVID TECHNOLOGY INC		.11/08/2023	Various	1,182.000	31.973		15.895	31.430	(15.535)			(15.535)		15,895		16.129	16.129		
053774-10-5	AVIS BUDGET GROUP INC		.06/23/2023	Various	166.000	37.154		2.482	27.212	(24.730)			(24.730)		2.481		34.781	34.781		
053807-10-3	AVNET INC		.02/28/2023	Various	722.000	32.284		18.342	30.021	(11.679)			(11.679)		18.342		13.986	13.986		209
054540-20-8	AXCELIS TECHNOLOGIES INC		.06/23/2023	Various	152.000	25.609		1,076	12.063	(10.987)			(10.987)		1,076		24.610	24.610		
05541T-10-1	BGC PARTNERS INC		.07/03/2023	Tax Free Exchange	8,951.000	50.095		50.095	33.745	8.522			8.522		50,095					179
055610-20-1	BOK FINANCIAL CORP		.05/31/2023	Various	398.000	32.368		25.819	41.308	(20.769)			(20.769)		25.819		6.570	6.570		430
05580M-10-8	B RILEY FINANCIAL INC		.11/13/2023	Various	603.000	12.232		17.303	20.622	(3.319)			(3.319)		17,302		(5.087)	(5.087)		1,809
05614L-20-9	BABCOCK & WILCOX ENTERPRISE		.11/10/2023	Various	1,516.000	1,784		12.036	8.747	3.289			3.289		12,036		(10.284)	(10.284)		
056525-10-8	BADGER METER INC		.06/23/2023	Various	216.000	31.032		2,111	23.550	(21.439)			(21.439)		2,111		29.012	29.012		97
05722G-10-0	BAKER HUGHES COMPANY		.07/21/2023	Various	1,031.000	36.524		26.914	30.446	(3.532)			(3.532)		26,914		9.640	9.640		392
058498-10-6	BALL CORP		.06/23/2023	Various	486.000	27.125		1,443	24.854	(23.411)			(23.411)		1,443		25.763	25.763		194
05990K-10-6	BANC OF CALIFORNIA INC		.12/19/2023	Direct	1.000	12		13	15	5			5		14		(1)	(1)		
060505-10-4	BANK OF AMERICA CORP		.12/15/2023	Various	16,330.000	483.678		207.898	540.850	(332.952)			(332.952)		207,899		276.646	276.646		7,334
064058-10-0	BANK OF NEW YORK MELLON CORP		.09/15/2023	Various	1,490.000	71.018		39.549	67.824	(28.275)			(28.275)		39,549		31.568	31.568		1,220
06417N-10-3	BANK OZK		.12/15/2023	BBHSL NOMINEES	778.000	38.962		2,171	31.167	(28.996)			(28.996)		2,171		36.907	36.907		1,105
06652K-10-3	BANKUNITED INC		.04/25/2023	Various	1,543.000	32.181		48.630	52.416	(3.786)			(3.786)		48,630		(16.501)	(16.501)		802
067806-10-9	BARNES GROUP INC		.10/10/2023	Various	855.000	28.425		22.568	34.927	(12.359)			(12.359)		22,568		5.875	5.875		410
070830-10-4	BATH & BODY WORKS INC		.05/31/2023	Various	918.000	32.353		14.350	38.684	(24.335)			(24.335)		14,350		18.060	18.060		184
071813-10-9	BAXTER INTERNATIONAL INC		.10/10/2023	Various	1,359.000	55.278		21.819	69.268	(47.559)			(47.559)		21,818		33.564	33.564		1,405
073463-10-1	BEACHBODY CO INC THE		.06/23/2023	Various	3,453.000	1,576		4.799	1.817	2.982			2.982		4,800		(3.233)	(3.233)		
075887-10-9	BECTON DICKINSON & CO		.09/01/2023	Various	525.000	138.206		15.503	133.508	(118.006)			(118.006)		15,504		123.088	123.088		690
075896-10-0	BED BATH & BEYOND INC		.01/05/2023	Various	2,880.000	5.258		63.510	7.229	56.281			56.281		63,510		(58.435)	(58.435)		
077454-10-6	BELDEN INC		.06/23/2023	Various	314.000	28.528		12.613	22.576	(9.960)			(9.960)		12,612		15.965	15.965		47
08180D-10-6	BENEFITFOCUS INC		.01/25/2023	Corporate Action	1,139.000	11,960		50.297	11,915	38.382			38.382		50,298		(38.457)	(38.457)		
082490-10-3	BENSON HILL INC		.10/31/2023	Various	4,728.000	693		15.650	12.057	3.593			3.593		15,650		(15.004)	(15.004)		
084310-10-1	BERKELEY LIGHTS INC		.05/26/2023	Various	1,405.000	1,052		74.115	3.765	70.350			70.350		74,115		(73.293)	(73.293)		
084670-70-2	BERKSHIRE HATHAWAY INC		.10/10/2023	Various	3,849.000	1,296.600		315.134	1,188.956	(873.822)			(873.822)		315,134		984.549	984.549		
08579W-10-3	BERRY PLASTICS GROUP INC		.04/25/2023	Various	573.000	32.355		13.223	34.627	(21.986)			(21.986)		13,224		19.192	19.192		143
086516-10-1	BEST BUY CO INC		.07/21/2023	Various	747.000	59.895		14.807	59.917	(45.110)			(45.110)		14,807		45.230	45.230		1,445
089302-10-3	BIG LOTS INC		.04/26/2023	Various	680.000	5.886		16.099	9.997	6.102			6.102		16,100		(10.245)	(10.245)		204
090572-20-7	BIO RAD LABORATORIES INC		.07/21/2023	GUZMAN AND COMPANY	90.000	37.276		1.522	37.844	(36.322)			(36.322)		1,522		35.866	35.866		
09061G-10-1	BIOMARIN PHARMACEUTICAL INC		.08/16/2023	Various	331.000	29.788		3.340	34.255	(30.915)			(30.915)		3,340		26.531	26.531		
09062X-10-3	BIODEN IDEC INC		.10/10/2023	Various	340.000	94.126		10.892	94.153	(83.292)			(83.292)		10,892		83.495	83.495		
09073M-10-4	BIO TECHNE CORP		.09/01/2023	Various	443.000	34.890		3.668	36.715	(33.047)			(33.047)		3,667		31.320	31.320		106
09075F-10-7	BIONANO GENOMICS INC		.06/23/2023	Various	8,439.000	5,217		63.458	12.321	51.137			51.137		63,458		(58.424)	(58.424)		
09075P-10-5	BIOXCEL THERAPEUTICS INC		.06/30/2023	Various	343.000	2,280		18.444	11,077	(18,444)			(18,444)		18,444		(16.215)	(16.215)		
09215C-10-5	BLACK KNIGHT INC		.09/01/2023	Taxable Exchange	4,272.000	323.633		120.863	263.796	(137.199)			(137.199)		120,863		203.407	203.407		
09227Q-10-0	BLACKBAUD INC		.07/21/2023	Various	471.000	35.078		10.689	27.723	(17.034)			(17.034)		10,689		24.466	24.466		
09247X-10-1	BLACKROCK INC		.10/10/2023	Various	349.000	238.867		65.332	247.312	(181.980)			(181.980)		65,333		174.080	174.080		2,550

E14.13

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	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 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 Con- tractual Maturity Date
092600-10-7	BLACKSTONE GROUP INC THE		.09/01/2023	Various	1,049,000	99,785		103,373	77,825	(12,972)			(12,972)		103,373		(3,599)	(3,599)		2,339
09352U-10-8	BLEND LABS INC		.03/21/2023	Various	5,115,000	4,524		14,474	7,365	7,109			7,109		14,474		(9,981)	(9,981)		
093671-10-5	BLOCK H & R INC COM		.04/25/2023	Various	977,000	33,097		12,370	35,671	(23,301)			(23,301)		12,370		20,792	20,792	567	
095229-10-0	BLUCORA INC		.11/28/2023	Various	1,242,000	32,292		25,215	31,708	(6,493)			(6,493)		25,215		7,099	7,099		
09631H-10-0	BLUEROCK HOME TRUST INC		.06/23/2023	Various	118,000	1,850		2,278	2,515	(212)			(212)		2,278		(429)	(429)		
097023-10-5	BOEING CO		.10/10/2023	Various	824,000	174,779		36,160	156,964	(120,804)			(120,804)		36,160		139,054	139,054		
09857L-10-8	BOOKING HOLDINGS INC		.12/15/2023	Various	158,000	462,015		10,243	318,414	(308,171)			(308,171)		10,243		453,191	453,191		
099502-10-6	BOOZ ALLEN HAMILTON HOLDING		.07/21/2023	Various	308,000	35,674		6,445	32,192	(25,861)			(25,861)		6,444		29,321	29,321	290	
099724-10-6	BORGWARNER INC		.02/28/2023	Various	800,000	40,228		4,546	32,199	(27,420)			(27,420)		4,545		35,794	35,794	136	
099724-10-6	BORGWARNER INC		.07/05/2023	Spin Off	0,000	9,505		9,505	29,765	(20,027)			(20,027)		9,505					
100557-10-7	BOSTON BEER CO INC		.10/10/2023	GUZMAN AND COMPANY	79,000	28,468		708	26,032	(25,324)			(25,324)		708		27,847	27,847		
101137-10-7	BOSTON SCIENTIFIC CORP		.10/10/2023	Various	2,946,000	152,979		25,442	136,311	(110,869)			(110,869)		25,442		127,938	127,938		
104674-10-6	BRADY CORP		.06/23/2023	Various	1,283,000	61,716		29,630	60,430	(30,800)			(30,800)		29,631		32,187	32,187	590	
10920V-10-7	BRIGHT HEALTH GROUP INC		.03/07/2023	Various	7,141,000	3,356		16,067	4,642	11,425			11,425		16,068		(12,751)	(12,751)		
110122-10-8	BRISTOL-MYERS SQUIBB CO		.12/15/2023	Various	6,192,000	376,716		213,962	445,515	(231,553)			(231,553)		213,962		163,265	163,265	10,237	
11133T-10-3	BROADRIDGE FINANCIAL SOLUTIONS		.10/10/2023	Various	380,000	61,107		5,174	50,969	(45,795)			(45,795)		5,174		56,109	56,109	786	
11135B-10-0	BROADMARK REALTY CAPITAL INC		.05/31/2023	Tax Free Exchange	4,897,000	42,370		42,370	17,433	24,937			24,937		42,370				1,028	
11135F-10-1	BROADCOM INC		.10/10/2023	Various	892,000	697,991		31,675	498,743	(175,664)			(175,664)		31,674		668,409	668,409	6,527	
11373M-10-7	BROOKLINE BANCORP INC		.01/26/2023	Direct	0,000	6		4	7	6,877			6,877		4		2	2		
114340-10-2	BROOKS AUTOMATION INC		.09/01/2023	Various	615,000	34,741		23,223	35,805	(12,582)			(12,582)		23,223		11,554	11,554		
115236-10-1	BROWN & BROWN INC		.09/01/2023	Various	469,000	34,800		1,974	26,719	(24,745)			(24,745)		1,974		32,929	32,929	162	
116794-10-8	BRUKER CORP		.06/23/2023	Various	384,000	27,968		3,371	26,246	(22,875)			(22,875)		3,370		24,674	24,674	38	
12008R-10-7	BUILDERS FIRSTSOURCE INC		.12/15/2023	Various	975,000	120,119		13,721	63,258	(50,281)			(50,281)		13,721		106,732	106,732		
122017-10-6	BURLINGTON STORES INC		.09/01/2023	Various	214,000	34,770		11,318	43,390	(32,072)			(32,072)		11,318		23,526	23,526		
12503M-10-8	CBCE HOLDINGS INC		.10/10/2023	Various	424,000	61,159		11,435	53,200	(41,765)			(41,765)		11,436		49,880	49,880	519	
12504L-10-9	CBRE GROUP INC		.07/21/2023	Various	881,000	76,061		8,254	67,802	(59,548)			(59,548)		8,254		68,020	68,020		
12514G-10-8	CDW CORPORATION		.09/01/2023	Various	165,000	35,174		5,451	29,465	(24,014)			(24,014)		5,450		29,816	29,816	292	
125269-10-0	CF INDUSTRIES HOLDINGS INC		.07/21/2023	Various	452,000	35,724		5,174	38,510	(30,230)			(30,230)		5,174		35,836	35,836	362	
12529R-10-7	C4 THERAPEUTICS INC		.06/23/2023	Various	970,000	2,803		36,906	5,723	31,183			31,183		36,906		(34,210)	(34,210)		
12541W-20-9	CH ROBINSON WORLDWIDE INC		.02/28/2023	Various	324,000	32,391		3,069	29,666	(26,597)			(26,597)		3,069		29,414	29,414	198	
125523-10-0	CIGNA CORP		.10/10/2023	Various	747,000	209,274		16,602	247,511	(230,909)			(230,909)		16,602		193,277	193,277	1,861	
12572Q-10-5	CME GROUP INC		.09/01/2023	Various	684,000	132,033		43,651	115,022	(71,371)			(71,371)		43,651		88,660	88,660	4,181	
126117-10-0	CNA FINANCIAL CORP		.08/16/2023	Various	752,000	30,084		32,077	31,795	282			282		32,077		(1,999)	(1,999)	1,850	
126408-10-3	CSX CORP		.10/10/2023	Various	7,500,000	237,393		14,875	232,350	(217,475)			(217,475)		14,875		223,217	223,217	1,636	
12648L-60-1	CTI BIOPHARMA CORP		.06/26/2023	Corporate Action	2,490,000	22,659		14,491	14,965	(474)			(474)		14,491		8,194	8,194		
12653C-10-8	CNX RESOURCES CORP		.04/25/2023	Various	2,117,000	32,487		32,360	35,650	(3,582)			(3,582)		32,360		127	127		
126650-10-3	CVS/CAREMARK CORP		.12/15/2023	Various	3,309,000	235,256		19,037	308,366	(289,329)			(289,329)		19,037		216,898	216,898	4,609	
126677-10-3	CVENT HOLDING CORP		.06/16/2023	Corporate Action	2,581,000	21,939		13,730	13,938	(208)			(208)		13,731		8,235	8,235		
127055-10-1	CABOT CORP		.02/28/2023	Various	413,000	32,850		6,369	27,605	(21,236)			(21,236)		6,370		26,564	26,564	153	
127097-10-3	CABOT OIL & GAS CORP		.10/10/2023	Various	2,229,000	57,235		7,671	54,766	(44,720)			(44,720)		7,671		49,720	49,720	1,916	
127190-30-4	CACI INTERNATIONAL INC		.08/16/2023	GUZMAN AND COMPANY	89,000	29,642		4,123	26,753	(22,630)			(22,630)		4,123		25,599	25,599		
127387-10-8	CADENCE DESIGN SYSTEMS INC		.09/01/2023	Various	437,000	104,536		11,569	70,200	(58,631)			(58,631)		11,569		93,259	93,259		
12740C-10-3	CADENCE BANK		.12/15/2023	BBHSL NOMINEES	1,173,000	35,694		47,460	28,926	(7,359)			(7,359)		47,460		(11,803)	(11,803)	1,085	
12769G-10-0	CAESARS ENTERTAINMENT INC		.10/10/2023	GUZMAN AND COMPANY	681,000	31,160		5,038	28,330	(19,413)			(19,413)		5,039		26,204	26,204		
128030-20-2	CAL-MAINE FOODS INC		.02/28/2023	Various	563,000	31,982		4,323	30,656	(26,333)			(26,333)		4,323		27,746	27,746	761	
13123X-50-8	CALLON PETROLEUM CO		.08/16/2023	Various	1,322,000	41,661		65,542	49,033	16,509			16,509		65,542		(23,956)	(23,956)		
133131-10-2	CAMDEN PROPERTY TRUST		.06/23/2023	Various	283,000	29,960		6,842	31,662	(31,336)			(31,336)		6,842		23,191	23,191	549	
13803R-10-2	CANOO INC		.06/23/2023	Various	2,224,000	1,112		21,505	2,736	18,769			18,769		21,505		(20,457)	(20,457)		
14040H-10-5	CAPITAL ONE FINANCIAL CORP		.10/10/2023	Various	939,000	97,006		72,551	87,290	(14,739)			(14,739)		72,551		24,532	24,532	1,139	

E14.14

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	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 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 Con- tractual Maturity Date
14149Y-10-8	CARDINAL HEALTH INC		10/10/2023	Various	719,000	62,052	20,398	20,398	55,270	(34,773)			(34,773)		20,398		41,785	41,785	1,022	
141619-10-6	CARDIOVASCULAR SYSTEMS INC		04/28/2023	Corporate Action	1,207,000	24,140	18,877	18,877	16,440	2,437			2,437		18,877		5,280	5,280		
14161W-10-5	CARDIOLYTICS INC		04/04/2023	Various	941,000	3,529	50,263	50,263	5,439	44,824			44,824		50,263		(46,881)	(46,881)		
14171W-10-3	CAREMAX INC		04/25/2023	Various	1,536,000	3,617	7,418	7,418	5,606	1,812			1,812		7,418		(3,813)	(3,813)		
142339-10-0	CARLISLE COMPANIES INC		02/28/2023	Various	127,000	32,798	2,662	2,662	29,928	(27,266)			(27,266)		2,662		30,231	30,231	95	
143130-10-2	CARMAX INC		08/16/2023	GUZMAN AND COMPANY	354,000	30,025	4,827	4,827	21,556	(16,729)			(16,729)		4,828		25,277	25,277		
14448C-10-4	CARRIER GLOBAL CORP		09/01/2023	Various	2,124,000	105,605	7,738	7,738	87,615	(79,788)			(79,788)		7,738		98,174	98,174	865	
14713L-10-2	CASA SYSTEMS INC		03/16/2023	Various	176,000	306	5,553	5,553	480	5,073			5,073		5,552		(5,263)	(5,263)		
149123-10-1	CATERPILLAR INC		12/15/2023	Various	1,418,000	354,327	32,084	32,084	339,696	(307,612)			(307,612)		32,084		323,255	323,255	4,131	
150870-10-3	CELANESE CORP		06/23/2023	Various	352,000	38,532	13,334	13,334	35,989	(22,655)			(22,655)		13,334		25,277	25,277	493	
15118V-20-7	CELSIUS HOLDINGS INC		10/10/2023	Various	342,000	59,122	3,775	3,775	35,581	97,624			97,624		3,775		55,521	55,521		
15135B-10-1	CENTENE CORP		09/01/2023	Various	1,799,000	111,731	6,770	6,770	147,536	(138,143)			(138,143)		6,770		105,291	105,291		
15672X-10-2	CERBERUS CYBER SENTINEL CORP		05/17/2023	Various	1,161,000	228	6,118	6,118	2,960	3,158			3,158		6,118		(5,909)	(5,909)		
15872M-10-4	CHAMPIONX CORP		10/10/2023	Various	814,000	28,006	10,059	10,059	23,597	(13,496)			(13,496)		10,059		18,003	18,003	269	
16119P-10-8	CHARTER COMMUNICATIONS INC		10/10/2023	Various	362,000	135,557	60,661	60,661	122,754	(100,913)			(100,913)		60,661		75,131	75,131		
16150R-10-4	CHASE CORP		11/15/2023	Various	284,000	36,210	4,534	4,534	24,498	(19,964)			(19,964)		4,534		31,776	31,776		
163851-10-8	CHEMOURS CO		10/10/2023	GUZMAN AND COMPANY	1,085,000	28,542	14,461	14,461	33,223	(18,958)			(18,958)		14,461		14,125	14,125	814	
16411R-20-8	CHEMERE ENERGY INC		10/10/2023	Various	721,000	112,989	10,118	10,118	108,120	(98,002)			(98,002)		10,117		103,194	103,194	708	
165303-10-8	CHEESAPEAKE UTILITIES CORP		07/21/2023	Various	291,000	35,794	5,033	5,033	34,390	(29,357)			(29,357)		5,033		30,858	30,858	483	
166764-10-0	CHEVRON CORP		12/15/2023	Various	10,230,000	1,578,910	347,663	347,663	1,836,133	(1,492,399)			(1,492,399)		347,664		1,235,115	1,235,115	33,986	
168905-10-7	CHILDRENS PLACE RETAIL STORES		06/07/2023	Various	389,000	6,536	27,680	27,680	14,167	13,513			13,513		27,680		(21,210)	(21,210)		
16934W-10-6	CHIMERIX INC		06/23/2023	Various	1,747,000	2,289	52,837	52,837	49,587	3,250			3,250		52,837		(50,707)	(50,707)		
16961L-10-6	CHINOOK THERAPEUTICS INC		08/14/2023	Taxable Exchange	1,163,000	47,427	16,567	16,567	30,470	(13,908)			(13,908)		16,567		30,957	30,957		
169656-10-5	CHIPOTLE MEXICAN GRILL INC		10/10/2023	Various	50,000	96,354	4,476	4,476	69,375	(64,899)			(64,899)		4,476		92,167	92,167		
171340-10-2	CHURCH & DWIGHT CO INC		07/21/2023	Various	368,000	36,110	1,253	1,253	29,684	(28,411)			(28,411)		1,253		34,967	34,967	201	
171484-10-8	CHURCHILL DOWNS INC		04/25/2023	GUZMAN AND COMPANY	129,000	32,746	1,339	1,339	27,275	101,571			101,571		1,340		31,506	31,506	92	
172062-10-1	CINCINNATI FINANCIAL CORP		09/01/2023	Various	328,000	34,925	8,781	8,781	33,584	(24,803)			(24,803)		8,781		26,226	26,226	718	
17240Y-10-9	CINCOR PHARMA INC		02/23/2023	Various	341,000	9,910	6,489	6,489	4,191	2,298			2,298		6,489		3,432	3,432		
17273K-10-9	CIRCOR INTERNATIONAL INC		10/18/2023	Various	647,000	36,232	13,444	13,444	15,502	(2,058)			(2,058)		13,444		22,860	22,860		
172755-10-0	CIRRUS LOGIC INC		02/28/2023	Various	320,000	32,884	3,129	3,129	23,834	(20,705)			(20,705)		3,129		29,848	29,848		
17275R-10-2	CISCO SYSTEMS INC		10/10/2023	Various	10,007,000	515,630	163,477	163,477	476,733	(313,256)			(313,256)		163,476		353,259	353,259	9,631	
172908-10-5	CINTAS CORP		10/10/2023	Various	127,000	64,398	5,005	5,005	57,356	(52,351)			(52,351)		5,005		59,580	59,580	368	
172967-42-4	CITIGROUP INC		12/15/2023	Various	4,950,000	232,734	175,202	175,202	223,888	(48,694)			(48,694)		175,202		57,713	57,713	6,866	
17306X-10-2	CITI TRENDS INC		06/23/2023	Various	293,000	5,166	11,916	11,916	7,759	4,157			4,157		11,916		(6,771)	(6,771)		
174610-10-5	CITIZENS FINANCIAL GROUP INC		10/10/2023	Various	2,125,000	58,331	58,511	58,511	83,661	(25,150)			(25,150)		58,511		(181)	(181)	2,678	
184496-10-7	CLEAN HARBORS INC		06/23/2023	Various	164,000	25,490	5,891	5,891	18,716	(12,825)			(12,825)		5,891		19,661	19,661		
18539C-10-5	CLEARWAY ENERGY INC		05/31/2023	Various	1,179,000	32,402	17,432	17,432	35,276	(24,540)			(24,540)		17,432		15,017	15,017	892	
18539C-20-4	CLEARWAY ENERGY INC		08/16/2023	GUZMAN AND COMPANY	1,203,000	29,805	20,909	20,909	38,339	(23,359)			(23,359)		20,908		8,924	8,924	910	
185899-10-1	CLIFFS NATURAL RESOURCES INC		05/31/2023	Various	2,347,000	32,579	11,665	11,665	37,810	(26,145)			(26,145)		11,664		20,980	20,980		
18914F-10-3	CLOVER HEALTH INVESTMENTS CO		06/23/2023	Various	10,784,000	9,561	24,047	24,047	10,023	14,024			14,024		24,047		(14,532)	(14,532)		
18915M-10-7	CLOUDFLARE INC CLASS A		09/01/2023	Various	534,000	34,170	18,971	18,971	24,142	(5,171)			(5,171)		18,971		15,247	15,247		
191216-10-0	COCA-COLA CO		10/10/2023	Various	9,280,000	555,452	235,595	235,595	590,300	(354,705)			(354,705)		235,594		320,862	320,862	6,720	
19239V-30-2	COGENT COMMUNICATIONS GRP INC		09/01/2023	Various	492,000	35,084	13,747	13,747	28,083	(18,169)			(18,169)		13,747		21,404	21,404	1,380	
192422-10-3	COGNEX CORP		07/21/2023	GUZMAN AND COMPANY	636,000	35,581	4,695	4,695	29,961	(25,266)			(25,266)		4,694		30,983	30,983	89	
192446-10-2	COGNIZANT TECHNOLOGY SOLUTIONS		09/01/2023	Various	1,019,000	68,161	3,943	3,943	58,277	(54,334)			(54,334)		3,943		64,420	64,420	732	
19249H-10-3	COHERUS BIOSCIENCES INC		11/08/2023	Various	2,173,000	5,046	50,846	50,846	17,210	33,636			33,636		50,846		(45,946)	(45,946)		
194162-10-3	COLGATE-PALMOLIVE CO		09/01/2023	Various	1,487,000	111,361	28,471	28,471	117,161	(88,690)			(88,690)		28,471		83,150	83,150	1,859	
197236-10-2	COLUMBIA BANKING SYSTEM INC		09/01/2023	Various	1,695,000	35,849	26,271	26,271	51,067	(2,176)			(2,176)		26,271		9,608	9,608	1,728	
20030N-10-1	COMCAST CORP		12/15/2023	Various	16,435,000	673,507	182,366	182,366	574,732	(392,366)			(392,366)		182,366		492,684	492,684	11,255	

E14.15

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										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
200525-10-3	COMMERCE BANCSHARES INC		12/29/2023	Direct	0.000	28		10	32	(10)			(10)		10		18	18		
20337X-10-9	COMMSCOPE HOLDING CO INC		10/30/2023	Various	6,058.000	9,275		165,163	44,527	120,636			120,636		165,164		(156,378)	(156,378)		
203668-10-8	COMMUNITY HEALTH SYSTEMS INC		05/02/2023	Various	3,702.000	14,767		28,799	15,992	12,807			12,807		28,799		(14,076)	(14,076)		
204166-10-2	COMMVAULT SYSTEMS INC		09/01/2023	Various	508.000	34,666		8,266	31,923	(23,657)			(23,657)		8,267		26,483	26,483		
206020-10-1	CONCENTRIX CORP		09/01/2023	Various	435.000	35,048		13,040	57,925	(38,879)			(38,879)		13,041		22,077	22,077		359
208242-10-7	CONN'S INC		05/02/2023	Various	708.000	3,030		12,106	4,870	7,236			7,236		12,105		(9,105)	(9,105)		
208250-10-4	CONOCOPHILLIPS		12/15/2023	Various	3,860.000	412,646		36,147	455,480	(413,813)			(413,813)		36,147		377,682	377,682		9,826
209115-10-4	CONSOLIDATED EDISON INC		05/31/2023	Various	701.000	67,826		22,970	66,813	(43,843)			(43,843)		22,970		44,997	44,997		859
21036P-10-8	CONSTELLATION BRANDS INC		10/10/2023	Various	395.000	97,579		4,149	91,541	(87,392)			(87,392)		4,148		93,724	93,724		894
21037T-10-9	CONSTELLATION ENERGY		10/10/2023	GUZMAN AND COMPANY	621.000	64,118		13,095	53,536	(40,441)			(40,441)		13,095		51,183	51,183		421
210751-10-3	CONTAINER STORE GROUP INC THE		06/23/2023	Various	764.000	2,223		27,310	3,293	24,017			24,017		27,310		(25,166)	(25,166)		
21077C-10-7	CONTEXTLOGIC INC		04/12/2023	Tax Free Exchange	17,189.000	33,517		33,517	8,383	25,134			25,134		33,517					
216648-40-2	COOPER COMPANIES INC THE		08/16/2023	Various	80.000	29,822		916	26,454	(25,536)			(25,536)		916		28,997	28,997		5
217204-10-6	COPART INC		08/16/2023	Various	341.000	29,819		352	20,764	(20,412)			(20,412)		353		29,560	29,560		
219350-10-5	CORNING INC		10/10/2023	Various	1,938.000	60,267		15,673	61,900	(46,227)			(46,227)		15,673		44,734	44,734		1,076
22052L-10-4	CORTEVA INC		07/21/2023	GUZMAN AND COMPANY	1,178.000	68,662		27,724	69,243	(41,082)			(41,082)		27,724		41,067	41,067		271
22160K-10-5	COSTCO WHOLESALE CORP		10/10/2023	Various	844.000	450,057		27,485	385,286	(357,801)			(357,801)		27,485		423,900	423,900		1,638
22160N-10-9	COSTAR GROUP INC		10/10/2023	Various	817.000	60,605		3,427	63,138	(59,711)			(59,711)		3,427		57,358	57,358		
22266L-10-6	COUPA SOFTWARE INC		03/01/2023	Corporate Action	2,169.000	175,689		114,649	171,720	(57,071)			(57,071)		114,649		61,232	61,232		
223622-60-6	COWEN GROUP INC		03/02/2023	Corporate Action	906.000	35,334		14,052	34,990	(20,022)			(20,022)		14,052		21,349	21,349		
224441-10-5	CRANE HOLDINGS CO		04/04/2023	Spin Off	0.000	32,318		32,318	92,455	(60,136)			(60,136)		32,318		17,995	17,995		
225310-10-1	CREDIT ACCEPTANCE CORP		09/01/2023	Various	70.000	34,905		16,966	33,208	(16,242)			(16,242)		16,966		17,995	17,995		
22788C-10-5	CROWDSTRIKE HOLDINGS INC		10/10/2023	GUZMAN AND COMPANY	396.000	64,829		39,117	41,696	(2,579)			(2,579)		39,118		25,793	25,793		
22822V-10-1	CROWN CASTLE INTL CORP		12/15/2023	Various	757.000	84,293		12,438	102,680	(118,516)			(118,516)		12,438		72,081	72,081		3,700
228368-10-6	CROWN HOLDINGS INC		06/23/2023	Various	363.000	31,125		7,575	29,841	(22,266)			(22,266)		7,574		23,624	23,624		174
229790-10-0	CLUE HEALTH INC		06/07/2023	Various	2,947.000	1,699		12,495	6,101	6,394			6,394		12,495		(10,830)	(10,830)		
231021-10-6	CUMMINS INC		09/01/2023	Various	160.000	37,862		2,539	38,766	(36,227)			(36,227)		2,539		35,434	35,434		771
23131L-10-7	CURO GROUP HOLDINGS CORP		04/26/2023	Various	334.000	507		10,352	1,186	9,166			9,166		10,352		(9,876)	(9,876)		
232109-10-8	CUTERA INC		11/10/2023	Various	593.000	859		9,267	26,223	(16,956)			(16,956)		9,267		(8,434)	(8,434)		
23284C-10-2	CYTERA TECHNOLOGIES INC		03/28/2023	Various	963.000	726		12,557	1,849	10,708			10,708		12,557		(11,868)	(11,868)		
23331A-10-9	DR HORTON INC		10/10/2023	Various	851.000	98,384		15,031	75,859	(60,828)			(60,828)		15,032		83,615	83,615		503
23345J-10-4	DICE THERAPEUTICS INC		08/08/2023	Corporate Action	755.000	36,240		11,853	23,556	(11,703)			(11,703)		11,853		24,464	24,464		
23345M-10-7	DT MIDSTREAM INC		05/31/2023	Various	731.000	33,234		8,587	40,395	(31,811)			(31,811)		8,587		24,724	24,724		972
23355L-10-6	DVC TECHNOLOGY CO		05/31/2023	Various	1,319.000	33,018		60,512	34,954	8,327			8,327		60,512		(27,580)	(27,580)		
235851-10-2	DANAHER CORP		10/10/2023	Various	1,099.000	267,911		10,760	286,839	(276,458)			(276,458)		10,760		257,959	257,959		717
235851-10-2	DANAHER CORP		10/02/2023	Spin Off	0.000	36,013		36,013	504,418	(468,784)			(468,784)		36,013					
237194-10-5	DARDEN RESTAURANTS INC		08/16/2023	Various	447.000	67,143		4,112	61,833	(57,728)			(57,728)		4,112		63,229	63,229		1,010
237266-10-1	DARLING INTERNATIONAL INC		07/21/2023	GUZMAN AND COMPANY	528.000	35,754		1,265	33,048	(31,783)			(31,783)		1,266		34,597	34,597		
23804L-10-3	DATADOG INC CLASS A		10/10/2023	GUZMAN AND COMPANY	309.000	28,312		26,108	22,711	3,397			3,397		26,108		2,211	2,211		
238337-10-9	DAVE & BUSTER'S ENTERTAINMENT		10/10/2023	Various	809.000	29,007		34,739	6,068	28,671			6,068		34,739		(5,750)	(5,750)		
243537-10-7	DECKERS OUTDOOR CORP		08/16/2023	GUZMAN AND COMPANY	55.000	30,617		1,721	21,954	(20,233)			(20,233)		1,721		28,987	28,987		
244199-10-5	DEERE & CO		12/15/2023	Various	893.000	360,453		17,647	382,884	(365,237)			(365,237)		17,648		343,883	343,883		2,730
24665A-10-3	DELEK US HOLDINGS INC		05/31/2023	Various	1,483.000	32,659		43,187	7,605	40,041			7,605		43,187		(10,561)	(10,561)		667
24703L-20-2	DELL TECHNOLOGIES INC		06/23/2023	Various	6,695.000	333,461		232,092	269,273	(62,133)			(62,133)		232,092		101,687	101,687		4,687
247361-70-2	DELTA AIR LINES INC		06/23/2023	Various	644.000	27,603		11,984	21,162	(8,658)			(8,658)		11,984		15,668	15,668		
24790A-10-1	DENBURY INC		05/31/2023	Various	368.000	33,186		29,424	32,024	(2,600)			(2,600)		29,424		3,774	3,774		
24790A-10-1	DENBURY INC		11/02/2023	Tax Free Exchange	1,115.000	89,150		89,150	97,027	(7,877)			(7,877)		89,150					
25179M-10-3	DEVON ENERGY CORP		06/23/2023	Various	1,243.000	62,675		15,951	76,457	(60,506)			(60,506)		15,951		46,871	46,871		1,035
252131-10-7	DEXCOM INC		08/16/2023	Various	530.000	62,343		3,368	60,018	29,361			29,361		3,369		59,160	59,160		

E14.16

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	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 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 Con- tractual Maturity Date
25278X-10-9	DIAMONDBACK ENERGY INC		.08/16/2023	Various	213.000	31.293		16.025	29.134	(13,423)			(13,423)		16.025		15.316	15,316		984
253393-10-2	DICK'S SPORTING GOODS INC		.02/28/2023	Various	252.000	32.418		3.751	30.312	(26,561)			(26,561)		3.750		28.757	28,757		
253868-10-3	DIGITAL REALTY TRUST INC		.08/16/2023	Various	332.000	40.220		40.220	33.289	(27,978)			(27,978)		12.579		27.728	27,728	1,215	
25402D-10-2	DIGITALOCEAN HOLDINGS INC		.07/21/2023	Various	736.000	35.884		53.628	18,746	34,882			34,882		53.628		(17,800)	(17,800)		
254067-10-1	DILLARD'S INC		.07/21/2023	Various	114.000	34.825		6.797	36,845	(30,048)			(30,048)		6.797		28.116	28,116	1,778	
254687-10-6	DISNEY WALT COMPANY THE		.10/10/2023	Various	3,194.000	283.341		84.821	277,495	(192,673)			(192,673)		84.821		199,144	199,144		
254709-10-8	DISCOVER FINANCIAL SERVICES		.08/16/2023	Various	904.000	91.874		10.473	88,439	(77,966)			(77,966)		10.473		81.657	81,657	953	
25470M-10-9	DISH NETWORK CORP		.07/21/2023	Various	4,926.000	36.649		138,903	69,161	64,657			64,657		138,903		(102,575)	(102,575)		
256163-10-6	DOCUSIGN INC		.05/31/2023	Various	595.000	33.561		23.914	32,975	(9,061)			(9,061)		23.914		9.677	9,677		
25659T-10-7	DOLBY LABORATORIES INC		.04/25/2023	Various	398.000	32.805		9.174	28,074	(18,900)			(18,900)		9.173		23.705	23,705	107	
256677-10-5	DOLLAR GENERAL CORP		.06/23/2023	Various	440.000	84.096		22.181	108,350	(86,169)			(86,169)		22.181		62.110	62,110	502	
256746-10-8	DOLLAR TREE INC		.08/16/2023	GUZMAN AND COMPANY	425.000	63.064		4.164	60,112	(55,948)			(55,948)		4.164		59.085	59,085		
25703A-10-4	DOMA HOLDINGS INC		.05/17/2023	Various	3,543.000	1.039		4.322	1,605	2,717			2,717		4.322		(3,293)	(3,293)		
25746U-10-9	DOMINION RESOURCES INC		.12/15/2023	Various	1,354.000	67.400		33.268	83,028	(49,760)			(49,760)		33.268		34.239	34,239	2,913	
25754A-20-1	DOMINO'S PIZZA INC		.04/25/2023	GUZMAN AND COMPANY	101.000	33.292		1.939	34,987	(33,048)			(33,048)		1.939		31.452	31,452	122	
257651-10-9	DONALDSON CO INC		.08/16/2023	Various	1,003.000	60.329		6.715	59,047	(52,332)			(52,332)		6.715		53.782	53,782	472	
25809K-10-5	DOORDASH INC		.09/01/2023	Various	413.000	34.708		72.981	20,162	52,819			52,819		72.981		(38,393)	(38,393)		
25961D-10-5	DOUGLAS ELLIMAN INC		.07/12/2023	Direct	0.000			1	2	1			1		2					
260003-10-8	DOVER CORP		.05/31/2023	Various	298.000	39.736		7.553	40,352	(32,768)			(32,768)		7.553		32.284	32,284	301	
260557-10-3	DOW INC		.07/21/2023	Various	1,764.000	98.166		72.567	88,888	(18,442)			(18,442)		72.567		25.679	25,679	1,697	
26412D-10-6	DUCK CREEK TECHNOLOGIES INC		.03/31/2023	Corporate Action	2,214.000	42.066		95.743	26,679	69,064			69,064		95.743		(53,846)	(53,846)		
26441C-20-4	DUKE ENERGY CORP		.08/16/2023	Various	1,189.000	112.496		57.715	122,456	(64,741)			(64,741)		57.716		54.953	54,953	1,887	
26614N-10-2	DUPONT DE NEMOURS INC		.10/10/2023	Various	2,589.000	182.946		119,369	177,683	(24,535)			(24,535)		119,369		63.777	63,777	1,482	
26875P-10-1	EOG RESOURCES INC		.10/10/2023	Various	1,015.000	121.037		6.507	131,463	(124,956)			(124,956)		6.507		114,890	114,890	3,182	
26884L-10-9	EQUITABLE RESOURCES INC		.10/10/2023	Various	1,304.000	54.192		54.276	44,114	9,069			9,069		54.275		(84)	(84)	486	
26884U-10-9	EPR PROPERTIES		.09/01/2023	Various	1,584.000	68.474		77.347	59,749	13,550			13,550		77.347		(8,901)	(8,901)	3,253	
26886C-10-7	EQRX INC		.11/10/2023	Tax Free Exchange	3,632.000	17.832		17.832	8,935	8,897			8,897		17.832					
26916J-10-6	ESS TECH INC		.07/21/2023	Various	2,241.000	4.025		8.022	5,446	2,576			2,576		8.023		(4,010)	(4,010)		
26927E-10-4	EVO PAYMENTS INC CLASS A		.03/27/2023	Corporate Action	1,204.000	40.936		28.594	40,743	(12,149)			(12,149)		28.594		12.381	12,381		
26969P-10-8	EAGLE MATERIALS INC		.08/16/2023	GUZMAN AND COMPANY	163.000	29.786		4.866	21,655	(16,789)			(16,789)		4.867		24.998	24,998	122	
272726-10-1	EASTGROUP PROPERTIES INC		.05/31/2023	Various	202.000	33.254		4.073	29,908	(26,245)			(26,245)		4.073		29,273	29,273	505	
277432-10-0	EASTMAN CHEMICAL CO		.05/31/2023	Various	418.000	32.227		2.709	34,042	(24,038)			(24,038)		2.709		29.611	29,611	660	
278642-10-3	EBAY INC		.05/31/2023	Various	764.000	32.504		13.750	31,683	(17,551)			(17,551)		13.750		18.813	18,813	382	
278715-20-6	EBIX INC		.12/18/2023	Various	927.000	2.367		19.510	1,008	1,008			1,008		19.509		(17,197)	(17,197)		
278865-10-0	ECOLAB INC		.08/16/2023	Various	365.000	62.938		7.191	53,130	(46,048)			(46,048)		7.191		55.922	55,922	474	
28102D-10-7	EDISON INTERNATIONAL		.09/01/2023	Various	1,121.000	75.334		23.756	71,318	(47,562)			(47,562)		23.756		51.740	51,740	1,570	
28176E-10-8	EDWARDS LIFESCIENCES CORP		.09/01/2023	Various	1,239.000	105.597		1.635	92,442	(90,807)			(90,807)		1.635		104,289	104,289		
285512-10-9	ELECTRONIC ARTS INC		.08/16/2023	Various	505.000	63.208		8.117	61,701	(53,584)			(53,584)		8.117		55.264	55,264	143	
29082K-10-5	EMBECTA CORP		.10/10/2023	Various	1,639.000	30.496		19.154	41,450	(22,272)			(22,272)		19.154		11,378	11,378	755	
29089D-10-5	EMERGENT BIOSOLUTIONS INC		.04/26/2023	Various	1,340.000	12.780		22.453	15,825	6,629			6,629		22.453		(9,703)	(9,703)		
291011-10-4	EMERSON ELECTRIC CO		.09/01/2023	Various	1,582.000	141.066		41.177	151,967	(110,790)			(110,790)		41.177		100,203	100,203	1,558	
292218-10-4	EMPLOYERS HOLDINGS INC		.09/01/2023	Various	885.000	34.869		17.808	38,170	(20,362)			(20,362)		17.808		17.115	17,115	726	
29275Y-10-2	ENERSYS CO		.05/31/2023	Various	334.000	32.491		11.027	24,662	(13,635)			(13,635)		11,026		21.531	21,531	58	
292765-10-4	ENERPAC TOOL GROUP CORP		.07/21/2023	Various	1,271.000	34.947		15.886	32,347	(16,461)			(16,461)		15.886		19.121	19,121		
29280W-10-9	ENERGY VAULT HOLDINGS INC		.08/16/2023	Various	585.000	1.782		5.510	1,826	3,684			3,684		5.511		(3,740)	(3,740)		
29355A-10-7	ENPHASE ENERGY INC		.09/01/2023	Various	275.000	35.400		1.820	72,864	(71,044)			(71,044)		1.820		33.685	33,685		
29362U-10-4	ENTEGRIS INC		.05/31/2023	Various	309.000	32.525		2.350	20,267	(17,917)			(17,917)		2.350		30,270	30,270	62	
29364G-10-3	ENTERGY CORP		.10/10/2023	Various	847.000	62.151		19.287	72,788	(79,336)			(79,336)		19.287		42,999	42,999	1,708	
29414B-10-4	EPAM SYSTEMS INC		.09/01/2023	Various	134.000	34.645		3.641	43,916	(40,275)			(40,275)		3.640		31.101	31,101		

E14.17

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con-sideration	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 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
29415B-10-3	ENWIVA INC		.05/05/2023	Various	800.000	5,743		48,421	42,376	6,045			6,045		48,421		(42,812)	(42,812)		724
294429-10-5	EQUIFAX INC		.08/16/2023	GUZMAN AND COMPANY	156.000	30,162		2,865	30,321	(27,456)			(27,456)		2,866		27,383	27,383		122
29444U-70-0	EQUINIX INC		.10/10/2023	Various	136.000	99,768		7,460	89,085	(81,625)			(81,625)		7,461		92,598	92,598		924
294600-10-1	EQUITRANS MIDSTREAM CORP		.10/10/2023	Various	6,522.000	62,769		55,797	43,698	12,099			12,099		55,797		6,994	6,994		2,935
29472R-10-8	EQUITY LIFESTYLE PROPERTY INC		.06/23/2023	Various	385.000	25,130		4,896	24,871	(20,803)			(20,803)		4,896		20,298	20,298		330
29476L-10-7	EQUITY RESIDENTIAL		.10/10/2023	Various	924.000	56,411		19,320	54,516	(35,196)			(35,196)		19,320		37,208	37,208		2,111
29530P-10-2	ERIE INDEMNITY CO		.06/23/2023	Various	689.000	145,456		54,505	171,368	(116,863)			(116,863)		54,505		91,237	91,237		1,640
29664W-10-5	ESPERION THERAPEUTICS INC		.03/17/2023	Various	1,721.000	2,604		68,995	10,722	58,273			58,273		68,995		(66,600)	(66,600)		
29667L-10-6	ESPORTS TECHNOLOGIES INC		.08/08/2023	Tax Free Exchange	258.000	8,371		8,371	942	7,429			7,429		8,371					
29717R-10-5	ESSEX PROPERTY TRUST INC		.06/23/2023	Various	163.000	35,865		11,856	34,542	(23,000)			(23,000)		11,855		24,084	24,084		735
29786A-10-6	ETSY INC		.02/28/2023	Various	272.000	33,027		3,531	32,580	(29,049)			(29,049)		3,531		29,589	29,589		
298736-10-9	EURONET WORLDWIDE INC		.09/01/2023	Various	398.000	34,729		10,808	37,563	(26,755)			(26,755)		10,807		23,996	23,996		
30034W-10-6	EVERGY INC		.08/16/2023	Various	530.000	30,229		25,200	33,353	(22,841)			(22,841)		25,200		5,045	5,045		649
30040W-10-8	EVERSOURCE ENERGY		.06/23/2023	Various	420.000	29,288		8,534	35,212	(26,678)			(26,678)		8,534		20,819	20,819		567
30057T-10-5	EVOQUA WATER TECHNOLOGIES CO		.05/24/2023	Tax Free Exchange	3,291.000	77,549		77,549	130,323	(52,774)			(52,774)		77,549					
30063P-10-5	EXACT SCIENCES CORP		.04/25/2023	GUZMAN AND COMPANY	502.000	31,900		2,424	24,854	(22,430)			(22,430)		2,424		29,569	29,569		
30161N-10-1	EXELON CORP		.10/10/2023	Various	2,837.000	115,372		49,094	122,644	(73,550)			(73,550)		49,095		66,486	66,486		2,021
30161Q-10-4	EXELIXIS INC		.07/21/2023	Various	1,798.000	35,403		22,482	28,840	(6,358)			(6,358)		22,482		12,962	12,962		
302081-10-4	EXLSERVICE HOLDINGS INC		.04/25/2023	GUZMAN AND COMPANY	200.000	32,583		3,779	33,886	65,158			65,158		3,779		28,894	28,894		
30212P-30-3	EXPEDIA INC		.12/15/2023	Various	644.000	76,724		22,317	56,415	(47,371)			(47,371)		22,317		54,578	54,578		
30213Q-10-9	EXPEDITORS INTL WASHINGTON INC		.07/21/2023	Various	597.000	68,219		5,101	62,040	(56,939)			(56,939)		5,101		63,316	63,316		198
30225T-10-2	EXTRA SPACE STORAGE INC		.08/02/2023	Various	176.000	24,959		2,104	25,872	(19,557)			(19,557)		2,104		22,927	22,927		570
30226D-10-6	EXTREME NETWORKS		.08/16/2023	GUZMAN AND COMPANY	938.000	27,357		33,897	17,175	16,722			16,722		33,897		(6,561)	(6,561)		
302301-10-6	EZCORP INC		.06/23/2023	Various	1,988.000	17,257		24,972	16,203	8,769			8,769		24,972		(7,739)	(7,739)		
30231G-10-2	EXXON MOBIL CORP		.11/28/2023	Various	11,239.000	1,220,177		303,303	1,239,618	(936,288)			(936,288)		303,304		919,755	919,755		22,496
30233G-20-9	EYEPOINT PHARMACEUTICALS INC		.07/21/2023	Various	602.000	6,866		5,731	2,106	3,625			3,625		5,730		1,139	1,139		
302491-30-3	FMC CORP		.10/10/2023	GUZMAN AND COMPANY	442.000	28,560		3,522	55,162	(51,650)			(51,650)		3,522		25,117	25,117		1,025
30303M-10-2	FACEBOOK INC		.10/10/2023	Various	5,408.000	1,398,563		134,392	650,799	(516,407)			(516,407)		134,392		1,268,143	1,268,143		
30325Q-10-4	FAIR ISAAC CORP		.07/21/2023	Various	42.000	35,469		821	25,141	(24,320)			(24,320)		821		34,757	34,757		
31190Q-10-4	FASTENAL CO		.10/10/2023	Various	1,018.000	57,472		3,446	48,171	(44,725)			(44,725)		3,446		54,196	54,196		1,069
31385S-10-8	FEDERAL SIGNAL CORP		.02/28/2023	Various	620.000	32,721		12,904	28,811	(15,907)			(15,907)		12,904		19,879	19,879		
314211-10-3	FEDERATED INVESTORS INC		.06/23/2023	Various	2,841.000	108,822		41,124	103,156	(62,032)			(62,032)		41,124		67,911	67,911		1,344
31428X-10-6	FEDEX CORP		.09/01/2023	Various	660.000	158,063		26,517	114,312	(87,795)			(87,795)		26,517		131,959	131,959		1,980
31572Q-80-8	FIBROGEN INC		.06/27/2023	Various	2,752.000	6,881		90,295	44,087	46,208			46,208		90,295		(83,676)	(83,676)		
31620M-10-6	FIDELITY NATIONAL INFORMATION		.10/10/2023	Various	1,292.000	68,356		14,253	87,662	(59,090)			(59,090)		14,253		54,273	54,273		1,647
31620R-30-3	FIDELITY NATL FINANCIAL INC		.04/25/2023	GUZMAN AND COMPANY	943.000	32,407		3,150	35,476	(32,181)			(32,181)		3,151		29,349	29,349		424
316773-10-0	FIFTH THIRD BANCORP		.09/15/2023	GUZMAN AND COMPANY	1,276.000	35,008		12,118	41,865	(29,747)			(29,747)		12,118		22,962	22,962		1,263
31946M-10-3	FIRST CITIZENS BANCSHARES INC		.02/28/2023	Various	45.000	33,023		11,686	34,126	(8,552)			(8,552)		11,686		21,404	21,404		34
320517-10-5	FIRST HORIZON NATIONAL CORP		.05/04/2023	Various	4,193.000	60,009		33,636	102,728	(33,887)			(33,887)		33,636		26,456	26,456		1,060
32054K-10-3	FIRST INDUSTRIAL REALTY TRUST		.08/16/2023	Various	593.000	30,068		14,260	28,617	(14,374)			(14,374)		14,259		15,858	15,858		554
320557-10-1	FIRST INTERNET BANCORP		.06/23/2023	Various	228.000	3,379		5,403	5,536	(133)			(133)		5,403		(2,030)	(2,030)		27
320817-10-9	FIRST MERCHANTS CORP		.10/10/2023	Various	1,580.000	47,409		37,213	64,954	(27,741)			(27,741)		37,213		10,228	10,228		1,580
33616C-10-0	FIRST REPUBLIC BANK		.04/26/2023	Various	5,111.000	45,250		255,672	622,980	(367,308)			(367,308)		255,673		(211,083)	(211,083)		1,380
336433-10-7	FIRST SOLAR INC		.05/31/2023	Various	165.000	33,491		39,432	24,715	14,717			14,717		39,431		(5,960)	(5,960)		
33768G-10-7	FIRSTCASH HOLDINGS INC		.04/25/2023	Various	344.000	32,988		3,809	29,897	(26,088)			(26,088)		3,809		29,271	29,271		114
33773R-10-8	FISERV INC		.10/10/2023	Various	1,233.000	147,093		8,294	124,619	(116,325)			(116,325)		8,294		139,235	139,235		
337932-10-7	FIRSTENERGY CORP		.05/31/2023	Various	900.000	33,654		28,667	37,746	(34,548)			(34,548)		28,667		5,003	5,003		702
339041-10-5	FLEETCOR TECHNOLOGIES INC		.05/31/2023	Various	145.000	32,853		5,073	26,633	(21,560)			(21,560)		5,073		27,867	27,867		
34417J-10-4	FOCUS UNIVERSAL INC		.06/23/2023	Various	427.000	930		5,773	2,739	3,041			3,041		5,773		(4,858)	(4,858)		

E14.18

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	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 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 Con- tractual Maturity Date
34417P-10-0	FOCUS FINANCIAL PARTNERS INC		.09/01/2023	Corporate Action	1,366.000	72.398		59.164	50.911	8.253			8.253		59.164		13.276	13.276		
345370-86-0	FORD MOTOR CO		.09/01/2023	Various	8,005.000	101.232		222.278	93.098	129.180			129.180		222.278		(121.426)	(121,426)	7.654	
34631B-10-1	FORGEROCK INC		.08/23/2023	Corporate Action	1,001.000	23.273		23.718	22.792	.926			.926		23.717		(.446)	(.446)		
34959E-10-9	FORTINET INC		.10/10/2023	Various	1,417.000	97.138		2.510	69.277	(66.767)			(66.767)		2.510		94.925	94,925		
34959J-10-8	FORTIVE CORPORATION		.07/21/2023	GUZMAN AND COMPANY	481.000	35.722		2.578	30.905	(28.327)			(28.327)		2.578		33.248	33,248	67	
34988V-10-6	FOSSIL INC		.05/17/2023	Various	1,713.000	3.374		43.614	7.383	36.231			36.231		43.614		(40.366)	(40,366)		
35137L-10-5	FOX CORP CLASS A		.04/25/2023	Various	1,017.000	32.987		42.256	30.886	11.370			11.370		42.256		(9.298)	(9,298)	254	
35138V-10-2	FOX FACTORY HOLDING CORP		.08/16/2023	GUZMAN AND COMPANY	273.000	29.272		5.154	24.906	(19.752)			(19.752)		5.154		24.194	24,194		
35471R-10-6	FRANKLIN STREET PROPERTIES		.06/23/2023	Various	4,124.000	5.568		74.658	11.259	52.238			52.238		74.658		(69.307)	(69,307)	82	
35671D-85-7	FREEMONT MCMORAN COPPER & GOLD		.12/15/2023	Various	2,779.000	104.986		92.757	105.602	(13.044)			(13.044)		92.757		12.267	12,267	1,106	
35953D-10-4	FUBOTV INC		.04/10/2023	Various	3,947.000	4.579		135.177	6.868	128.309			128.309		135.177		(131.008)	(131,008)		
359616-10-9	FULCRUM THERAPEUTICS INC		.06/23/2023	Various	597.000	1.875		5.373	4.346	1.027			1.027		5.373		(3.509)	(3,509)		
363576-10-9	GALLAGHER ARTHUR J & COMPANY		.10/10/2023	Various	445.000	97.252		8.434	83.900	(75.466)			(75.466)		8.434		89.097	89,097	468	
36467W-10-9	GAMESTOP CORP		.07/21/2023	GUZMAN AND COMPANY	1,559.000	34.572		197.220	28.779	4.762			4.762		197.220		(163.159)	(163,159)		
366651-10-7	GARTNER INC		.09/01/2023	Various	198.000	68.607		2.607	66.556	(63.949)			(63.949)		2.607		66.207	66,207		
368736-10-4	GENERIC HOLDINGS INC		.07/21/2023	GUZMAN AND COMPANY	243.000	35.307		8.990	24.460	(15.470)			(15.470)		8.990		26.400	26,400		
369550-10-8	GENERAL DYNAMICS CORP		.08/16/2023	Various	313.000	69.831		9.318	77.659	(68.341)			(68.341)		9.318		60.703	60,703	986	
369604-30-1	GENERAL ELECTRIC CO		.10/10/2023	Various	2,268.000	240.021		307.461	150.376	326.839			326.839		307.461		(67.652)	(67,652)	478	
369604-30-1	GENERAL ELECTRIC CO		.01/04/2023	Spin Off	0.000	1,157.617		1,157.617	528.089	799.282			799.282		1,157.617					
370334-10-4	GENERAL MILLS INC		.09/01/2023	Various	1,360.000	103.560		26.471	114.037	(87.566)			(87.566)		26.472		77.331	77,331	2,048	
37045V-10-0	GENERAL MOTORS CO		.10/10/2023	Various	4,747.000	167.627		170.564	159.690	10.874			10.874		170.565		(2.946)	(2,946)	679	
371901-10-9	GENTEX CORP		.10/10/2023	GUZMAN AND COMPANY	892.000	28.478		5.223	24.325	(19.102)			(19.102)		5.223		23.328	23,328	428	
374396-40-6	GEVO INC		.07/21/2023	Various	5,829.000	9.653		47.504	11.075	36.429			36.429		47.504		(37.970)	(37,970)		
375558-10-3	GILEAD SCIENCES INC		.10/10/2023	Various	2,525.000	199.765		5.705	216.770	(211.065)			(211.065)		5.704		194.670	194,670	3,430	
379378-20-1	GLOBAL NET LEASE INC		.10/02/2023	Direct	1.000	8		20	11	5.733			5.733		20		(12)	(12)	1	
37940X-10-2	GLOBAL PAYMENTS INC		.09/01/2023	Various	898.000	100.577		16.081	89.189	(84.081)			(84.081)		16.081		84.761	84,761	221	
379577-20-8	GLOBUS MEDICAL INC		.09/21/2023	Direct	0.000	13		4	19	(2)			(2)		5		9	9		
37959E-10-2	GLOBE LIFE INC		.08/16/2023	Various	266.000	30.187		3.853	32.066	(28.213)			(28.213)		3.853		26.417	26,417	175	
380237-10-7	GODADDY INC		.10/10/2023	GUZMAN AND COMPANY	376.000	28.443		16.062	28.133	(12.071)			(12.071)		16.063		12.420	12,420		
381416-10-4	GOLDMAN SACHS GROUP INC		.12/15/2023	Various	956.000	317.617		167.099	328.271	(161.113)			(161.113)		167.099		150.991	150,991	4,894	
384109-10-4	GRACO INC		.02/28/2023	Various	468.000	32.548		1,218	31.477	(30.259)			(30.259)		1,218		31.428	31,428	110	
384637-10-4	GRAHAM HOLDINGS CO		.02/28/2023	Various	52.000	32.590		22.650	31.419	(9.035)			(9.035)		22.650		9.971	9,971	86	
384802-10-4	GRANGER WW INC		.08/16/2023	Various	101.000	68.147		3.436	56.182	(52.746)			(52.746)		3.437		64.914	64,914	442	
38526M-10-6	GRAND CANYON EDUCATION INC		.02/28/2023	Various	288.000	32.631		6.766	30.430	(23.664)			(23.664)		6.766		25.946	25,946		
397624-10-7	GREIF INC		.10/10/2023	Various	422.000	27.871		6.459	28.299	(21.840)			(21.840)		6.459		21.479	21,479	852	
399473-20-6	GRUPOIN INC		.04/11/2023	Various	658.000	2,630		78.168	5,647	72.521			72.521		78.169		(75.775)	(75,775)		
401617-10-5	GUESS? INC		.10/10/2023	GUZMAN AND COMPANY	1,323.000	28.836		49.159	27.373	21.786			21.786		49.160		(20.387)	(20,387)	1,091	
40171V-10-0	GUIDWARE SOFTWARE INC		.06/23/2023	Various	429.000	30.238		12.488	26.839	(14.351)			(14.351)		12.489		17.806	17,806		
404030-10-8	H&E EQUIPMENT SERVICES INC		.02/28/2023	Various	609.000	33.803		17.778	27.648	(10.540)			(10.540)		17.777		16.075	16,075	167	
40412C-10-1	HCA HOLDINGS		.10/10/2023	Various	783.000	216.491		28.224	187.888	(159.664)			(159.664)		28.224		188.858	188,858	849	
404251-10-0	HNI CORP		.06/13/2023	Direct	0.000	3		2	4	17.852			17.852		3		1	1		
40434L-10-5	HEWLETT-PACKARD CO		.08/16/2023	Various	5,758.000	171.592		55.673	154.717	(99.031)			(99.031)		55.673		116.283	116,283	3,654	
405024-10-0	HAEMONETICS CORP		.09/01/2023	Various	387.000	34.923		12.876	30.437	(17.561)			(17.561)		12.876		22.116	22,116		
406216-10-1	HALLIBURTON CO		.06/23/2023	Various	1,662.000	51.342		27.583	65.400	(37.817)			(37.817)		27.583		23.834	23,834	532	
40637H-10-9	HALOZYME THERAPEUTICS INC		.10/10/2023	Various	756.000	28.642		7.301	43.016	(35.715)			(35.715)		7.301		21.408	21,408		
416515-10-4	HARTFORD FINCL SERVICES GRP		.08/16/2023	Various	1,207.000	91.345		9.472	91.527	(82.055)			(82.055)		9.472		82.130	82,130	963	
418056-10-7	HASBRO INC		.08/16/2023	Various	469.000	30.314		9.399	28.614	(19.215)			(19.215)		9.399		20.981	20,981	985	
419870-10-0	HAWAIIAN ELECTRIC INDUSTRIES		.08/17/2023	Various	2,788.000	31.153		58.987	116.678	(57.691)			(57.691)		58.987		(27.921)	(27,921)	3,011	
42250P-10-3	HEALTHPEAK PROPERTIES INC REIT		.08/16/2023	Various	1,476.000	29.868		26.064	37.003	(25.703)			(25.703)		26.064		3.816	3,816	1,328	

E14.19

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	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 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 Con- tractual Maturity Date
42330P-10-7	HELIX ENERGY SOLUTIONS GROUP		.09/01/2023	Various	3,422.000	35,828		32,462	25,254	7,208			7,208		32,462		3,377	3,377		
423452-10-1	HELMERICH & PAYNE INC		.05/31/2023	Various	1,026.000	31,686		14,303	50,859	(36,556)			(36,556)		14,303		17,438	17,438	995	
426281-10-1	HENRY JACK & ASSOCIATES INC		.10/10/2023	GUZMAN AND COMPANY	190.000	28,275		1,747	33,356	(31,609)			(31,609)		1,747		26,611	26,611	296	
42728M-10-6	HERITAGE CRYSTAL CLEAN INC		.10/18/2023	Various	555.000	25,253		8,238	18,027	(9,789)			(9,789)		8,239		17,068	17,068		
427746-10-2	HERON THERAPEUTICS INC		.05/17/2023	Various	2,785.000	3,300		48,050	6,962	41,088			41,088		48,050		(44,891)	(44,891)		
427825-50-0	HERSHA HOSPITALITY TRUST		.11/28/2023	Various	1,493.000	14,930		31,151	12,720	12,330			12,330		31,151		(16,272)	(16,272)	1,045	
427866-10-8	HERSHEY COMPANY THE		.08/16/2023	GUZMAN AND COMPANY	264.000	63,511		6,658	61,135	(54,477)			(54,477)		6,659		57,032	57,032	414	
42805E-30-6	HESKA CORP		.06/14/2023	Corporate Action	236.000	28,320		6,887	14,669	(7,782)			(7,782)		6,887		21,500	21,500		
42806J-70-0	HERTZ GLOBAL HLDGS INC		.07/21/2023	GUZMAN AND COMPANY	1,959.000	35,763		35,710	30,149	5,561			5,561		35,710		53	53		
42809H-10-7	HESS CORP		.09/15/2023	Various	710.000	99,854		13,714	100,692	(86,978)			(86,978)		13,714		86,411	86,411	719	
42824C-10-9	HEWLETT PACKARD ENTERPRISE		.05/31/2023	Various	2,146.000	30,945		22,966	34,250	(11,288)			(11,288)		22,965		8,004	8,004	515	
431284-10-8	HIGHWOODS PROPERTIES INC		.09/01/2023	Various	1,456.000	35,075		33,808	40,740	(10,786)			(10,786)		33,809		1,271	1,271	2,184	
432748-10-1	HILLTOP HOLDINGS INC		.06/23/2023	Various	982.000	29,894		11,352	29,471	(16,300)			(16,300)		11,353		18,600	18,600	314	
43300A-20-3	HILTON WORLDWIDE HLDGS INC		.12/15/2023	Various	1,161.000	174,024		67,481	146,704	(80,051)			(80,051)		67,481		106,878	106,878	397	
43538H-10-3	HOLLEY INC		.02/09/2023	Various	962.000	2,070		9,860	2,040	7,820			7,820		9,860		(7,814)	(7,814)		
436440-10-1	HOLOGIC INC		.10/10/2023	Various	787.000	61,179		4,460	58,876	(54,416)			(54,416)		4,460		56,897	56,897		
437076-10-2	HOME DEPOT INC		.12/15/2023	Various	2,765.000	855,201		65,784	873,353	(807,569)			(807,569)		65,784		791,897	791,897	11,443	
438333-10-6	HONEST CO INC THE		.06/23/2023	Various	2,022.000	3,498		15,193	6,086	9,107			9,107		15,193		(11,732)	(11,732)		
438516-10-6	HONEYWELL INTERNATIONAL INC		.10/10/2023	Various	1,390.000	271,034		49,021	297,878	(248,851)			(248,851)		49,022		222,710	222,710	3,118	
440327-10-4	HORACE MANN EDUCATORS CORP		.05/31/2023	Various	1,061.000	31,886		19,345	39,650	(20,305)			(20,305)		19,345		12,580	12,580	350	
44107P-10-4	HOTEL & RESORTS INC		.10/10/2023	GUZMAN AND COMPANY	1,748.000	28,415		16,924	28,056	(11,132)			(11,132)		16,924		11,527	11,527	1,346	
44109J-10-6	HOSTESS BRANDS INC		.11/08/2023	Taxable Exchange	3,112.000	103,680		48,699	69,834	(21,135)			(21,135)		48,699		55,154	55,154		
44267D-10-7	HOWARD HUGHES CORP		.06/23/2023	Various	410.000	30,854		12,246	31,332	(18,811)			(18,811)		12,245		18,666	18,666		
44267D-10-7	HOWARD HUGHES CORP		.08/14/2023	Tax Free Exchange	908.000	76,375		76,375	69,390	7,260			7,260		76,375					
443201-10-8	HOWMET AEROSPACE INC		.05/31/2023	Various	766.000	43,750		43,232	60,189	6,062			6,062		43,233		(10,515)	(10,515)	61	
443320-10-6	HUB GROUP INC		.02/28/2023	Various	351.000	32,201		3,742	27,902	(24,160)			(24,160)		3,743		28,548	28,548		
443573-10-0	HUBSPOT INC		.09/01/2023	Various	124.000	66,037		6,105	35,853	(29,748)			(29,748)		6,105		60,120	60,120		
444859-10-2	HUMANA INC		.09/01/2023	Various	289.000	137,867		4,076	148,023	(143,947)			(143,947)		4,076		134,211	134,211	564	
445658-10-7	HUNT JIB TRANSPORT SVCS INC		.08/16/2023	Various	151.000	29,097		911	26,328	(25,417)			(25,417)		911		28,275	28,275	190	
446150-10-4	HUNTINGTON BANCSHARES INC		.12/15/2023	BBHSL NOMINEES	2,971.000	38,207		13,976	41,892	(29,749)			(29,749)		13,976		24,307	24,307	1,842	
446413-10-6	HUNTINGTON INGALLS INDUSTRIES		.08/16/2023	GUZMAN AND COMPANY	135.000	30,203		33,161	31,142	(28,062)			(28,062)		33,161		(2,967)	(2,967)	335	
44862P-10-9	HYDROFT MINING HOLDING CORP		.04/26/2023	Various	4,044.000	1,501		5,156	2,152	3,004			3,004		5,156		(3,666)	(3,666)		
44888K-20-9	HYDROFARM HOLDINGS GROUP INC		.05/09/2023	Various	1,014.000	1,273		50,712	1,571	49,141			49,141		50,711		(49,594)	(49,594)		
449253-10-3	IAA INC		.03/21/2023	Taxable Exchange	3,942.000	159,171		71,190	157,680	(86,494)			(86,494)		71,190		88,257	88,257		
44951Y-10-2	HYZON MOTORS INC		.06/23/2023	Various	2,190.000	1,955		7,818	3,395	4,423			4,423		7,818		(5,881)	(5,881)		
44952J-10-4	CRESCENT ENERGY COMPANY		.07/21/2023	Various	681.000	7,686		15,799	8,165	7,634			7,634		15,799		(8,138)	(8,138)	197	
44980X-10-9	IPG PHOTONICS CORP		.06/23/2023	Various	218.000	29,081		4,106	20,638	(16,532)			(16,532)		4,106		25,053	25,053		
45031U-10-1	ISTAR FINANCIAL INC		.03/31/2023	Spin Off	0.000	15,445		15,445	4,480	21,894			21,894		15,445					
45031U-10-1	ISTAR FINANCIAL INC		.03/31/2023	Taxable Exchange	1,536.000	6,950		24,955	7,239	28,645			28,645		24,955		(18,062)	(18,062)		
45073V-10-8	ITT INC		.02/28/2023	Various	362.000	32,906		4,738	29,358	(26,624)			(26,624)		4,738		28,256	28,256		
45167R-10-4	IDEX CORP		.08/16/2023	GUZMAN AND COMPANY	136.000	29,840		1,481	31,052	(29,571)			(29,571)		1,480		28,448	28,448	256	
45168D-10-4	IDEXX LABORATORIES INC		.07/21/2023	Various	133.000	68,979		658	54,259	(53,601)			(53,601)		658		68,536	68,536		
45170X-20-5	IDENTIVE GROUP INC		.06/23/2023	Various	447.000	3,210		7,232	3,236	3,996			3,996		7,232		(4,035)	(4,035)		
452308-10-9	ILLUMINA TOOL WORKS INC		.10/10/2023	Various	742.000	174,809		24,429	163,463	(139,034)			(139,034)		24,430		150,852	150,852	2,391	
452327-10-9	ILLUMINA INC		.10/10/2023	Various	349.000	60,021		1,112	70,567	(69,455)			(69,455)		1,112		59,094	59,094		
45250K-10-7	IMAGO BIOSCIENCES INC		.01/10/2023	Corporate Action	699.000	25,164		9,093	25,129	(16,036)			(16,036)		9,093		16,121	16,121		
45384B-10-6	INDEPENDENT BANK GROUP		.10/10/2023	Various	733.000	28,496		33,907	44,039	(18,614)			(18,614)		33,907		(5,428)	(5,428)	836	
45580R-10-3	INDUS REALTY TRUST INC		.06/30/2023	Corporate Action	200.000	13,400		7,200	12,698	(5,499)			(5,499)		7,200		6,219	6,219	108	
456237-10-6	INDUSTRIAL LOGISTICS PROPERTY		.04/10/2023	Various	1,510.000	4,079		37,711	4,937	24,449			24,449		37,711		(33,738)	(33,738)	15	

E14.20

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	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 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 Con- tractual Maturity Date
45687V-10-6	INGERSOLL RAND INC		.09/01/2023	Various	499,000	34,905		3,855	26,073	(22,231)			(22,231)		3,855		31,148	31,148		30
45688C-10-7	INGEVITY CORP		.02/28/2023	Various	373,000	30,798		7,306	26,273	(20,469)			(20,469)		7,306		23,566	23,566		
457030-10-4	INGLES MARKETS INC		.04/25/2023	Various	353,000	32,658		3,963	34,051	(30,088)			(30,088)		3,964		28,785	28,785	117	
45765U-10-3	INSTIGHT ENTERPRISES INC		.06/23/2023	Various	205,000	29,181		2,940	20,555	(17,615)			(17,615)		2,940		26,323	26,323		
45768S-10-5	INNOSPEC INC		.08/16/2023	Various	286,000	29,768		8,823	29,418	(20,595)			(20,595)		8,823		21,011	21,011		197
45773H-20-1	INOVIO PHARMACEUTICALS INC		.06/23/2023	Various	6,194,000	2,683		82,636	9,663	72,973			72,973		82,636		(80,204)	(80,204)		
45782B-10-4	INSEEGO CORP		.06/23/2023	Various	2,359,000	1,557		11,299	1,988	9,311			9,311		11,299		(9,773)	(9,773)		
458140-10-0	INTEL CORP		.10/10/2023	Various	5,929,000	197,086		110,927	156,703	(45,776)			(45,776)		110,927		86,430	86,430		3,094
45845P-10-8	INTERCEPT PHARMACEUTICALS		.11/07/2023	Various	836,000	15,884		121,942	10,341	111,601			111,601		121,942		(106,391)	(106,391)		
45866F-10-4	INTERCONTINENTAL EXCHANGE GRP		.10/10/2023	Various	1,650,000	185,985		49,781	169,273	(131,000)			(131,000)		49,780		136,632	136,632		1,418
45867G-10-1	INTERDIGITAL INC		.06/23/2023	Various	338,000	30,783		16,614	16,724	(110)			(110)		16,613		14,214	14,214		237
459200-10-1	INTERNATIONAL BUSINESS MACHS		.10/10/2023	Various	1,739,000	236,296		86,270	245,008	(158,675)			(158,675)		86,270		150,497	150,497		6,078
460690-10-0	INTERPUBLIC GROUP OF COMPANIES		.02/28/2023	Various	910,000	32,345		29,173	30,312	(1,139)			(1,139)		29,173		3,182	3,182		282
461202-10-3	INTUIT INC		.10/10/2023	Various	545,000	258,351		10,522	212,124	(201,602)			(201,602)		10,521		248,608	248,608		1,117
46120E-60-2	INTUITIVE SURGICAL INC		.10/10/2023	Various	861,000	255,712		1,442	228,466	(227,024)			(227,024)		1,441		255,069	255,069		
46185L-10-3	INVITAE CORP		.03/28/2023	Various	5,991,000	7,258		147,731	136,587	11,144			11,144		147,732		(140,914)	(140,914)		
46187W-10-7	INVITATION HOMES INC		.06/23/2023	Various	769,000	25,178		16,786	22,793	(8,964)			(8,964)		16,786		8,418	8,418		400
462222-10-0	IONIS PHARMACEUTICALS INC		.07/21/2023	Various	872,000	35,447		13,037	32,936	(19,899)			(19,899)		13,037		22,480	22,480		
46266C-10-5	IOVIA HOLDINGS INC		.09/01/2023	Various	462,000	97,776		33,835	94,659	(61,092)			(61,092)		33,835		64,142	64,142		
46269C-10-2	IRIDIUM COMMUNICATIONS INC		.05/31/2023	Various	556,000	33,385		5,553	28,578	(23,025)			(23,025)		5,552		27,919	27,919		72
46284V-10-1	IRON MOUNTAIN INC		.04/25/2023	GUZMAN AND COMPANY	611,000	33,150		5,202	30,458	(26,995)			(26,995)		5,202		28,036	28,036		756
46323Q-10-5	IRONNET INC		.06/23/2023	Various	1,796,000	373		4,957	413	4,544			4,544		4,957		(4,598)	(4,598)		
46583P-10-2	IVERIC BIO INC		.07/12/2023	Corporate Action	2,922,000	116,880		22,988	62,560	(39,572)			(39,572)		22,988		94,187	94,187		
466032-10-9	J&J SNACK FOODS CORP		.07/21/2023	GUZMAN AND COMPANY	222,000	35,716		4,696	33,235	(28,539)			(28,539)		4,696		31,117	31,117		466
46625H-10-4	JP MORGAN CHASE & CO		.10/10/2023	Various	6,588,000	958,456		197,343	883,451	(686,108)			(686,108)		197,343		763,504	763,504		17,691
466313-10-3	JABIL CIRCUIT INC		.07/21/2023	Various	315,000	35,404		8,286	21,482	(13,376)			(13,376)		8,285		27,203	27,203		50
46982L-10-8	JACOBS SOLUTIONS INC		.08/16/2023	GUZMAN AND COMPANY	220,000	29,743		2,498	26,415	(23,917)			(23,917)		2,498		27,331	27,331		173
47233W-10-9	JEFFERIES FINANCIAL GROUP INC		.02/28/2023	Various	942,000	35,602		11,352	30,890	(13,186)			(13,186)		11,352		24,326	24,326		282
47233W-10-9	JEFFERIES FINANCIAL GROUP INC		.01/17/2023	Spin Off	0,000	6,476		6,476	9,590	3,238			3,238		6,476					
477143-10-1	JETBLUE AIRWAYS CORP		.08/16/2023	Various	4,644,000	29,749		88,757	30,093	58,664			58,664		88,756		(59,193)	(59,193)		
478160-10-4	JOHNSON & JOHNSON		.10/10/2023	Various	9,940,000	1,623,507		320,255	1,755,902	(1,427,076)			(1,427,076)		320,256		1,307,346	1,307,346		23,150
478160-10-4	JOHNSON & JOHNSON		.08/18/2023	Tax Free Exchange	1,156,000	37,245		37,245	204,207	(158,391)			(158,391)		37,245					2,682
48020Q-10-7	JONES LANG LASALLE INC		.02/28/2023	Various	195,000	34,024		3,365	31,078	(27,713)			(27,713)		3,366		30,755	30,755		
481116-10-1	JOUNCE THERAPEUTICS INC		.05/03/2023	Various	724,000	1,361		3,584	803	2,781			2,781		3,583		(2,230)	(2,230)		
48242W-10-6	KBR INC		.04/25/2023	Various	581,000	32,981		12,365	30,677	(18,312)			(18,312)		12,366		20,681	20,681		148
482480-10-0	KLA CORPORATION		.09/01/2023	Various	343,000	148,563		10,800	129,321	(118,521)			(118,521)		10,800		138,196	138,196		828
48251W-10-4	KKR & CO INC		.08/16/2023	GUZMAN AND COMPANY	1,130,000	61,696		33,434	52,455	(19,021)			(19,021)		33,434		28,351	28,351		339
487836-10-8	KELLOGG CO		.10/02/2023	Spin Off	0,000	13,667		13,667	28,521	(14,848)			(14,848)		13,667					
49271V-10-0	KEURIG DR PEPPER INC		.10/10/2023	GUZMAN AND COMPANY	993,000	30,074		25,322	35,411	(35,411)			(35,411)		25,322		4,767	4,767		809
493267-10-8	KEYCORP NEW CO		.07/21/2023	Various	3,006,000	34,346		17,366	52,364	(34,998)			(34,998)		17,365		17,033	17,033		1,232
49338L-10-3	KEYSIGHT TECHNOLOGIES		.07/21/2023	Various	417,000	68,495		9,673	71,336	(61,924)			(61,924)		9,673		59,007	59,007		
494274-10-3	KIMBALL INTERNATIONAL INC		.06/02/2023	Tax Free Exchange	1,392,000	35,102		22,574	9,048	13,316			13,316		22,574		12,567	12,567		251
494368-10-3	KIMBERLY-CLARK CORP		.08/16/2023	Various	488,000	63,643		21,085	66,246	(45,151)			(45,151)		21,085		42,692	42,692		1,423
49456B-10-1	KINDER MORGAN INC		.05/31/2023	Various	4,005,000	67,041		160,048	72,410	19,146			19,146		160,047		(93,299)	(93,299)		1,694
49705R-10-5	KINNATE BIOPHARMA INC		.06/23/2023	Various	383,000	1,214		13,646	2,336	11,310			11,310		13,646		(12,471)	(12,471)		
49714P-10-8	KINSALE CAPITAL GROUP INC		.05/31/2023	Various	107,000	32,422		3,929	27,983	(24,054)			(24,054)		3,929		28,583	28,583		30
497266-10-6	KIRBY CORP		.05/31/2023	Various	452,000	32,348		4,704	29,086	(24,382)			(24,382)		4,704		27,731	27,731		
49926T-10-4	KNOWBE4 INC		.02/02/2023	Corporate Action	1,951,000	48,580		34,103	48,346	(14,243)			(14,243)		34,104		14,522	14,522		
500255-10-4	KOHL'S CORP		.05/31/2023	Various	1,753,000	32,118		81,679	44,264	37,415			37,415		81,679		(49,717)	(49,717)		877

E14.21

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										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
500754-10-6	KRAFT HEINZ CO THE		.09/01/2023	Various	1,049,000	34,176		13,557	42,705	(31,108)			(31,108)		13,557		20,684	20,684		1,259
501044-10-1	KROGER CO THE		.09/01/2023	Various	1,473,000	67,260		14,973	65,667	(50,694)			(50,694)		14,973		52,451	52,451		983
50107A-10-4	KRONOS BIO INC		.06/23/2023	Various	1,128,000	1,748		32,317	1,827	30,490			30,490		32,317		(30,665)	(30,665)		
501242-10-1	KULCOKE & SOFFA INDUSTRIES INC		.05/31/2023	Various	624,000	33,000		38,343	27,619	10,724			10,724		38,343		(5,360)	(5,360)		237
50187A-10-7	LHC GROUP INC		.02/23/2023	Corporate Action	680,000	115,600		21,297	109,949	(88,666)			(88,666)		21,297		94,599	94,599		
501889-20-8	LKQ CORP		.10/10/2023	Various	1,127,000	61,175		5,351	60,193	(54,842)			(54,842)		5,351		55,999	55,999		460
50212V-10-0	LPL FINANCIAL HOLDINGS INC		.07/21/2023	Various	154,000	35,479		5,122	33,290	(28,168)			(28,168)		5,122		30,452	30,452		92
502431-10-9	L3HARRIS TECHNOLOGIES INC		.09/01/2023	Various	410,000	76,448		7,916	85,366	(77,450)			(77,450)		7,916		68,747	68,747		1,012
50540R-40-9	LABORATORY CORP AMERICA HLDGS		.08/16/2023	Various	320,000	73,228		9,914	70,742	(60,950)			(60,950)		9,914		63,513	63,513		431
50540R-40-9	LABORATORY CORP AMERICA HLDGS		.07/03/2023	Spin Off	0,000	23,740		23,740	80,692	(57,074)			(57,074)		23,740					
512807-10-8	LAM RESEARCH CORP		.10/10/2023	Various	298,000	180,218		10,699	125,250	(115,663)			(115,663)		10,699		170,052	170,052		1,398
514766-10-4	LANDEC CORP		.03/20/2023	Various	1,056,000	2,920		13,017	6,843	6,174			6,174		13,017		(10,129)	(10,129)		
515098-10-1	LANDSTAR SYSTEM INC		.05/31/2023	Various	187,000	32,799		3,331	30,462	(27,131)			(27,131)		3,331		29,561	29,561		486
516544-10-3	LANTHEUS HOLDINGS INC		.09/01/2023	Various	507,000	34,121		7,909	25,837	388			388		7,909		26,294	26,294		
517834-10-7	LAS VEGAS SANDS CORP		.04/25/2023	GUZMAN AND COMPANY	533,000	33,262		4,397	25,622	(21,225)			(21,225)		4,397		28,956	28,956		
518439-10-4	LAUDER ESTEE COS INC		.08/16/2023	Various	194,000	31,452		3,924	48,134	(44,210)			(44,210)		3,924		27,614	27,614		256
520776-10-5	LAWSON PRODUCTS		.05/15/2023	Spin Off	0,000	21		21	36	(15)			(15)		21					
521865-20-4	LEAR CORP		.02/28/2023	Various	232,000	32,402		8,204	28,772	(20,568)			(20,568)		8,204		24,274	24,274		
524660-10-7	LEGGETT & PLATT INC		.08/16/2023	Various	1,058,000	29,545		21,417	34,099	(12,682)			(12,682)		21,416		8,154	8,154		1,418
526057-10-4	LENNAR CORP		.12/15/2023	Various	1,110,000	139,609		15,386	100,456	(85,070)			(85,070)		15,387		124,613	124,613		984
526107-10-7	LENNOX INTERNATIONAL INC		.08/16/2023	GUZMAN AND COMPANY	82,000	30,090		2,171	19,617	(17,446)			(17,446)		2,171		28,007	28,007		814
529043-10-1	LEXINGTON REALTY TRUST		.05/31/2023	Various	3,259,000	33,701		34,324	32,656	(3,694)			(3,694)		34,324		(625)	(625)		265
530307-10-7	LIBERTY BROADBAND CORP		.08/16/2023	Various	324,000	29,713		317	24,576	(23,074)			(23,074)		318		29,488	29,488		
530307-30-5	LIBERTY BROADBAND CORP		.05/31/2023	Various	439,000	32,533		9,834	33,482	(31,415)			(31,415)		9,834		22,770	22,770		
53115L-10-4	LIBERTY ENERGY INC		.09/01/2023	Various	4,108,000	65,182		59,051	65,769	(6,718)			(6,718)		59,051		6,150	6,150		201
531229-40-9	LIBERTY SIRIUSXM GROUP		.08/04/2023	Tax Free Exchange	1,910,000	18,756		18,756	75,082	(53,462)			(53,462)		18,756					
531229-70-6	LIBERTY BRAVES GROUP		.07/19/2023	Tax Free Exchange	428,000	2,375		2,375	13,983	(10,342)			(10,342)		2,375					
531229-85-4	LIBERTY MEDIA GROUP		.07/20/2023	Spin Off	0,000	3,308		3,308	5,356	(2,048)			(2,048)		3,308					
531229-85-4	LIBERTY MEDIA GROUP		.08/04/2023	Tax Free Exchange	5,333,000	193,573		193,573	313,451	(119,878)			(119,878)		193,573					
531229-87-0	LIBERTY MEDIA GROUP		.07/20/2023	Spin Off	0,000	236		236	295	(59)			(59)		236					
531229-87-0	LIBERTY MEDIA GROUP		.08/04/2023	Tax Free Exchange	300,000	12,585		12,585	15,734	(3,149)			(3,149)		12,585					
531229-88-8	LIBERTY BRAVES GROUP		.07/19/2023	Tax Free Exchange	1,434,000	8,187		8,187	46,218	(36,419)			(36,419)		8,187					
532220-10-3	LIFETIME BRANDS INC		.06/23/2023	Various	362,000	1,850		5,740	2,748	2,992			2,992		5,740		(3,902)	(3,902)		31
53223X-10-7	LIFE STORAGE INC		.07/20/2023	Tax Free Exchange	2,202,000	81,336		81,336	216,897	(139,870)			(139,870)		81,336					7,267
532457-10-8	LILLY ELI & CO COM		.10/10/2023	Various	1,474,000	709,237		75,603	539,248	(463,648)			(463,648)		75,603		635,625	635,625		3,762
53261M-10-4	LIMELIGHT NETWORKS INC		.06/23/2023	Various	3,363,000	2,159		25,156	3,801	21,355			21,355		25,156		(23,069)	(23,069)		
534187-10-9	LINCOLN NATIONAL CORP		.10/10/2023	GUZMAN AND COMPANY	1,212,000	28,816		35,113	37,232	(2,119)			(2,119)		35,112		(6,317)	(6,317)		2,182
536797-10-3	LITHIA MOTORS INC		.04/25/2023	GUZMAN AND COMPANY	148,000	32,522		1,367	30,301	(28,934)			(28,934)		1,367		31,253	31,253		62
537008-10-4	LITTELFUSE INC		.06/23/2023	Various	94,000	25,395		1,877	20,698	(18,821)			(18,821)		1,876		23,592	23,592		113
538034-10-9	LIVE NATION INC		.08/16/2023	GUZMAN AND COMPANY	349,000	29,873		1,738	24,339	(11,836)			(11,836)		1,738		28,223	28,223		
538146-10-1	LIVEPERSON INC		.03/17/2023	Various	2,024,000	8,614		11,265	20,524	(9,259)			(9,259)		11,265		(2,659)	(2,659)		
539830-10-9	LOCKHEED MARTIN CORP		.12/15/2023	Various	824,000	376,707		30,145	400,868	(370,723)			(370,723)		30,145		347,651	347,651		5,083
540424-10-8	LOEWS CORP		.10/10/2023	Various	1,021,000	60,486		11,478	59,555	(48,268)			(48,268)		11,478		49,162	49,162		155
544050-10-0	LORDSTOWN MOTORS CORP		.05/24/2023	Tax Free Exchange	3,298,000	36,276		36,276	3,760	32,516			32,516		36,276					
546347-10-5	LOUISIANA-PACIFIC CORP		.04/25/2023	Various	546,000	32,747		8,275	32,324	(24,049)			(24,049)		8,275		24,549	24,549		131
548661-10-7	LOWES COMPANIES INC		.12/15/2023	Various	2,426,000	518,669		24,621	483,356	(458,735)			(458,735)		24,621		495,600	495,600		5,641
550021-10-9	LULULEMON ATHLETICA INC		.10/10/2023	Various	243,000	91,267		16,300	77,852	(61,552)			(61,552)		16,299		75,203	75,203		
55003T-10-7	LUMBER LIQUIDATORS INC		.06/23/2023	Various	1,099,000	4,715		24,715	6,176	21,810			21,810		24,715		(20,063)	(20,063)		
550241-10-3	LUMEN TECHNOLOGIES INC		.11/02/2023	Various	28,983,000	36,545		1,093,649	151,292	441,172			441,172		1,093,650		(1,060,425)	(1,060,425)		

E14.22

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	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 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 Con- tractual Maturity Date
55261F-10-4	M&T BANK CORP		.06/23/2023	Various	397,000	46,003		34,237	57,589	(16,492)			(16,492)		34,237		11,803	11,803	1,032	
55262C-10-0	MBIA INC		.12/26/2023	Capital Distribution	0,000	16,392		16,392	16,392	(16,392)			(16,392)		16,392					
552690-10-9	MDU RESOURCES GROUP INC		.08/16/2023	GUZMAN AND COMPANY	1,441,000	29,852		9,783	30,364	(20,237)			(20,237)		9,783		20,132	20,132	962	
552690-10-9	MDU RESOURCES GROUP INC		.06/01/2023	Spin Off	0,000	17,479		17,479	49,644	(31,821)			(31,821)		17,479					
552953-10-1	MGM RESORTS INTERNATIONAL		.06/23/2023	Various	1,338,000	55,369		16,319	44,863	(28,544)			(28,544)		16,319		39,173	39,173		
553546-10-0	MSCI INC		.10/10/2023	Various	236,000	120,470		5,068	109,780	(103,911)			(103,911)		5,068		115,765	115,765	635	
55405W-10-4	MYR GROUP INC		.04/25/2023	Various	271,000	32,567		5,769	24,951	(19,182)			(19,182)		5,769		26,882	26,882		
55405Y-10-0	MA-COM TECHNOLOGY SOLUTIONS		.10/10/2023	Various	341,000	28,203		6,188	21,476	186,171			186,171		6,188		22,084	22,084		
554489-10-4	MACK-CALI REALTY CORP		.07/21/2023	Various	2,106,000	35,920		43,089	33,548	7,351			7,351		43,089		(7,192)	(7,192)		
55825T-10-3	MADISON SQUARE GARDEN CO		.02/28/2023	Various	171,000	32,689			31,349	(29,626)			(29,626)				32,792	32,792		
562750-10-9	MANHATTAN ASSOCIATES INC		.02/28/2023	Various	227,000	32,635		1,714	27,558	(25,844)			(25,844)				31,018	31,018		
565849-10-6	MARATHON OIL CORP		.06/23/2023	Various	1,231,000	27,022		15,897	33,323	(23,649)			(23,649)		15,897		11,160	11,160	246	
56585A-10-2	MARATHON PETROLEUM CORP		.12/15/2023	Various	3,278,000	449,321		69,297	381,526	(359,551)			(359,551)		69,297		381,218	381,218	7,061	
570535-10-4	MARKEL CORP		.08/16/2023	Various	21,000	31,595		6,627	27,667	(21,040)			(21,040)		6,627		25,046	25,046		
57060D-10-8	MARKETAXESS HOLDINGS INC		.04/25/2023	Various	104,000	32,838		1,213	29,004	(27,791)			(27,791)		1,213		31,724	31,724	75	
57064N-10-2	MARKFORGED HOLDING CORP		.06/23/2023	Various	2,660,000	3,033		6,331	3,086	3,245			3,245		6,331		3,308	(3,308)		
57164Y-10-7	MARRIOTT VACATIONS WORLD		.02/28/2023	Various	215,000	32,897		355	28,938	(26,794)			(26,794)		356		32,644	32,644	155	
571748-10-2	MARSH & MCLENNAN COS INC		.10/10/2023	Various	1,186,000	209,678		38,840	196,259	(157,419)			(157,419)		38,840		171,375	171,375	1,656	
571903-20-2	MARRIOTT INTERNATIONAL INC		.10/10/2023	Various	1,129,000	208,281		24,202	168,097	(145,055)			(145,055)		24,202		184,657	184,657	1,171	
573284-10-6	MARTIN MARIETTA MATERIALS INC		.09/01/2023	Various	177,000	79,474		9,145	59,820	(50,675)			(50,675)		9,145		70,550	70,550	291	
573874-10-4	MARVELL TECHNOLOGY INC		.09/01/2023	Various	1,453,000	66,166		66,286	53,819	(27,672)			(27,672)		66,286		(120)	(120)	210	
574599-10-6	MASCO CORP		.04/25/2023	GUZMAN AND COMPANY	651,000	32,703		12,350	30,381	(17,998)			(17,998)		12,349		20,417	20,417	186	
574795-10-0	MASIMO CORP		.02/28/2023	Various	194,000	32,462		6,762	28,703	(21,941)			(21,941)		6,762		25,781	25,781		
576360-10-4	MASTERCARD INC		.12/15/2023	Various	2,295,000	881,644		38,644	798,040	(759,396)			(759,396)		38,643		845,648	845,648	3,213	
57638P-10-4	MASTERBRAND INC		.05/31/2023	Various	3,199,000	33,209		2,895	24,153	(21,247)			(21,247)		2,896		30,409	30,409		
57667L-10-7	MATCH GROUP INC		.06/23/2023	Various	600,000	24,745		63,600	24,894	(17,823)			(17,823)		63,600		(38,977)	(38,977)		
57778K-10-5	MAXAR TECHNOLOGIES INC		.05/03/2023	Corporate Action	2,076,000	110,028		101,157	107,412	(6,255)			(6,255)		101,157		8,899	8,899	21	
577933-10-4	MAXIMUS INC		.04/25/2023	Various	403,000	32,923		4,123	29,552	(25,429)			(25,429)		4,123		28,890	28,890	113	
579780-20-6	MCCORMICK & CO INC		.05/31/2023	Various	390,000	33,438		2,853	32,328	(29,475)			(29,475)		2,854		30,681	30,681	304	
580135-10-1	MCDONALDS CORP		.10/10/2023	Various	1,652,000	467,272		47,428	435,351	(387,923)			(387,923)		47,427		421,163	421,163	4,727	
581550-10-3	MCKESSON CORP		.10/10/2023	Various	502,000	193,430		20,940	188,310	(167,370)			(167,370)		20,940		173,032	173,032	698	
58450V-10-4	MEDIAALPHA INC CLASS A		.06/27/2023	Corporate Action	89,000	890		3,607	886	2,710			2,710		3,607		(2,726)	(2,726)		
58463J-30-4	MEDICAL PROPERTIES TRUST INC		.08/16/2023	Various	8,020,000	61,879		90,029	89,343	(12,930)			(12,930)		90,029		(28,238)	(28,238)	5,798	
58933Y-10-5	MERCK & CO		.10/10/2023	Various	4,394,000	480,251		179,989	487,514	(307,518)			(307,518)		179,989		301,205	301,205	8,630	
589584-10-1	MERIDIAN BIOSCIENCE INC		.02/01/2023	Corporate Action	1,071,000	36,414		31,275	35,568	(4,293)			(4,293)		31,275		5,155	5,155		
589889-10-4	MERIT MEDICAL SYSTEMS INC		.02/28/2023	Various	465,000	32,823		4,311	32,838	(28,527)			(28,527)		4,311		28,602	28,602		
59045L-10-6	MERSANA THERAPEUTICS INC		.07/28/2023	Various	1,994,000	1,979		16,065	11,685	4,380			4,380		16,065		(14,130)	(14,130)		
59156R-10-8	METLIFE INC		.09/15/2023	Various	1,670,000	104,292		47,155	120,858	(73,702)			(73,702)		47,155		57,317	57,317	1,755	
592688-10-5	METTLER TOLEDO INTL INC		.07/21/2023	Various	50,000	69,749		1,220	72,273	(71,053)			(71,053)		1,220		68,744	68,744		
594918-10-3	MICROSOFT CORP		.10/10/2023	Various	16,431,000	5,127,305		360,836	3,940,836	(3,579,646)			(3,579,646)		360,835		4,781,444	4,781,444	23,514	
595017-10-4	MICROCHIP TECHNOLOGY INC		.10/10/2023	Various	1,158,000	90,772		9,503	81,349	(72,825)			(72,825)		9,502		81,524	81,524	1,003	
595112-10-3	MICRON TECHNOLOGY INC		.09/01/2023	Various	2,179,000	136,744		73,186	108,906	(35,720)			(35,720)		73,186		63,758	63,758	556	
59522J-10-3	MIDAMERICA APARTMENT COMMUNITY		.05/31/2023	Various	347,000	51,035		20,981	54,476	(25,857)			(25,857)		20,981		30,148	30,148	972	
596278-10-1	MIDDLEBY CORP		.10/10/2023	Various	226,000	28,879		3,260	30,261	(26,177)			(26,177)		3,260		25,699	25,699		
600544-10-0	MILLER HERMAN INC COM		.07/21/2023	Various	2,026,000	37,047		50,334	42,566	5,561			5,561		50,334		(13,329)	(13,329)	1,140	
60770K-10-7	MODERNA INC		.09/01/2023	Various	548,000	67,065		9,905	98,431	(88,526)			(88,526)		9,904		57,340	57,340		
607828-10-0	MODINE MANUFACTURING CO		.07/21/2023	GUZMAN AND COMPANY	978,000	35,820		25,158	19,424	5,734			5,734		25,159		10,695	10,695		
608190-10-4	MOHAWK INDUSTRIES INC		.09/01/2023	Various	343,000	34,910		13,771	35,061	(21,290)			(21,290)		13,770		21,205	21,205		
60855R-10-0	MOLINA HEALTHCARE INC		.10/10/2023	Various	83,000	28,229		2,073	27,408	(25,335)			(25,335)		2,073		26,238	26,238		

E14.23

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	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 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 Con- tractual Maturity Date
60871R-20-9	MOLSON COORS BREWING CO		.04/25/2023	GUZMAN AND COMPANY	570.000	33,462		17,256	29,366	(12,110)			(12,110)		17,256		16,257	16,257		234
60878Y-10-8	MOMENTIVE GLOBAL INC		.06/01/2023	Corporate Action	3,818.000	36,118		63,927	26,725	37,202			37,202		63,926		(27,896)	(27,896)		
609207-10-5	MODELEZ INTERNATIONAL INC		.10/10/2023	Various	3,042.000	208,297		24,801	202,749	(179,860)			(179,860)		24,801		184,072	184,072	2,704	
60935Y-20-8	MONEYGRAM INTERNATIONAL INC		.06/02/2023	Corporate Action	2,446.000	26,906		18,891	26,637	(7,746)			(7,746)		18,891		8,040	8,040		
60937P-10-6	MONGODB INC		.10/10/2023	Various	166.000	63,969		25,245	32,675	(7,430)			(7,430)		25,245		38,846	38,846		
60938K-10-6	MONEYLION INC		.04/19/2023	Various	3,839.000	1,617		6,296	2,380	3,916			3,916		6,295		(4,694)	(4,694)		
609839-10-5	MONOLITHIC POWER SYSTEMS INC		.08/16/2023	Various	58.000	28,646		535	20,509	(19,974)			(19,974)		535		28,199	28,199		160
61174X-10-9	MONSTER BEVERAGE CORP		.09/01/2023	Various	623.000	66,779		327	63,202	(62,875)			(62,875)		327		66,661	66,661		
615369-10-5	MOODYS CORP		.09/01/2023	Various	314.000	104,775		3,776	87,487	(83,711)			(83,711)		3,776		101,316	101,316		479
617446-44-8	MORGAN STANLEY		.10/10/2023	Various	3,723.000	324,364		144,909	316,529	(136,494)			(136,494)		144,909		180,019	180,019		5,861
61945C-10-3	MOSAIC CO		.02/28/2023	Various	617.000	32,822		39,230	27,068	12,162			12,162		39,230		(6,428)	(6,428)		
620071-10-0	MOTORCAR PARTS OF AMERICA INC		.06/23/2023	Various	670.000	4,684		15,606	7,947	7,659			7,659		15,607		(10,956)	(10,956)		
620076-30-7	MOTOROLA INC		.09/01/2023	Various	240.000	67,880		8,631	61,850	(53,329)			(53,329)		8,631		59,435	59,435		531
62482R-10-7	MR COOPER GROUP INC		.02/28/2023	Various	697.000	32,365		14,223	27,970	(13,747)			(13,747)		14,223		18,199	18,199		
62548M-10-0	MULTIPLAN CORP		.05/08/2023	Various	10,341.000	7,967		87,672	11,893	75,779			75,779		87,673		(79,955)	(79,955)		
626755-10-2	MURPHY USA INC		.09/01/2023	Various	110.000	35,028		3,319	30,749	(27,424)			(27,424)		3,319		31,809	31,809		125
62886E-10-8	NCR CORP		.10/17/2023	Spin Off	0.000	19,543		19,543	35,506	(15,769)			(15,769)		19,543					
629377-50-8	NRG ENERGY INC		.04/25/2023	Various	949.000	32,319		61,477	30,197	(1,667)			(1,667)		61,477		(29,250)	(29,250)		358
62944T-10-5	NVR INC		.08/16/2023	Various	11.000	64,068		5,489	50,738	(45,249)			(45,249)		5,489		58,763	58,763		
63009R-10-9	NANOSTRING TECHNOLOGIES INC		.11/21/2023	Various	1,328.000	647		36,009	10,584	25,425			25,425		36,009		(35,473)	(35,473)		
631103-10-8	NASDAQ INC		.08/16/2023	GUZMAN AND COMPANY	198.000	30,202		5,919	12,147	(385,494)			(385,494)		5,919		24,359	24,359		136
636518-10-2	NATIONAL INSTRUMENTS CORP		.10/12/2023	Various	4,043.000	236,423		68,174	149,187	(81,013)			(81,013)		68,175		168,778	168,778		3,033
637417-10-6	NATIONAL RETAIL PROPERTIES INC		.12/11/2023	Various	797.000	28,049		17,410	36,462	(21,926)			(21,926)		17,410		10,672	10,672		1,388
637870-10-6	NATIONAL STORAGE AFFILIATES TR		.09/01/2023	Various	1,033.000	35,800		13,348	37,312	(26,154)			(26,154)		13,348		21,800	21,800		1,147
640268-10-8	NEKTAR THERAPEUTICS		.06/23/2023	Various	5,467.000	3,174		140,105	12,355	127,750			127,750		140,105		(137,361)	(137,361)		
64110D-10-4	NETAPP INC		.05/31/2023	Various	482.000	31,984		13,433	28,950	(15,517)			(15,517)		13,434		18,609	18,609		482
64110L-10-6	NETFLIX INC		.12/15/2023	Various	940.000	377,780		3,177	277,187	(274,010)			(274,010)		3,177		375,780	375,780		
64829B-10-0	NEW RELIC INC		.11/08/2023	Various	1,631.000	140,825		89,802	92,070	(2,268)			(2,268)		89,802		51,183	51,183		
649604-50-1	NEW YORK MORTGAGE TRUST INC		.03/09/2023	Tax Free Exchange	9,097.000	31,498		31,498	23,288	8,096			8,096		31,498					910
651229-10-6	NEWELL RUBBERMAID INC		.07/21/2023	Various	3,589.000	35,911		66,717	46,944	19,778			19,778		66,717		(30,903)	(30,903)		1,077
651639-10-6	NEWMONT MINING CORP		.09/15/2023	Various	950.000	38,309		32,579	44,839	(12,260)			(12,260)		32,578		5,748	5,748		1,140
65290C-10-5	NEXTIER OILFIELD SOLUTIONS		.04/25/2023	Various	3,873.000	31,665		67,673	35,787	31,882			31,882		67,673		(36,121)	(36,121)		
65290C-10-5	NEXTIER OILFIELD SOLUTIONS		.09/01/2023	Tax Free Exchange	1,081.000	7,351		7,351	9,988	(2,641)			(2,641)		7,351					
65339F-10-1	NEXTERA ENERGY INC		.09/01/2023	Various	3,114.000	224,063		20,051	260,331	(240,280)			(240,280)		20,051		204,653	204,653		2,716
65343C-10-2	NEXTGEN HEALTHCARE INC		.11/10/2023	Various	1,960.000	46,942		53,102	36,808	16,294			16,294		53,102		(6,179)	(6,179)		
654106-10-3	NIKE INC		.10/10/2023	Various	3,205.000	355,578		21,428	375,016	(353,588)			(353,588)		21,427		335,200	335,200		1,803
654110-10-5	NIKOLA CORP		.10/10/2023	GUZMAN AND COMPANY	8,104.000	11,556		120,372	17,505	102,867			102,867		120,372		(109,158)	(109,158)		
655664-10-0	NORSTROM INC		.10/10/2023	GUZMAN AND COMPANY	2,000.000	28,692		74,742	32,280	42,462			42,462		74,742		(46,195)	(46,195)		1,140
655844-10-8	NORFOLK SOUTHERN CORP		.07/21/2023	Various	495.000	110,016		11,202	121,978	(110,776)			(110,776)		11,202		99,124	99,124		917
665859-10-4	NORTHERN TRUST CORP		.12/15/2023	BBHSL NOMINEES	418.000	35,718		21,079	36,989	(15,910)			(15,910)		21,079		14,685	14,685		1,254
666807-10-2	NORTHROP GRUMMAN CORP		.10/10/2023	Various	402.000	180,273		219,335	203,602	(203,602)			(203,602)		219,335		180,839	180,839		1,352
668771-10-8	NORTON LIFELOCK INC		.10/10/2023	Various	1,617.000	28,598		76,236	34,653	41,583			41,583		76,236		(47,788)	(47,788)		606
67018T-10-5	NU SKIN ENTERPRISES INC		.10/10/2023	Various	1,452.000	28,337		50,653	61,217	(10,564)			(10,564)		50,653		(22,386)	(22,386)		1,699
670346-10-5	NUCOR CORP		.08/16/2023	Various	587.000	95,624		5,924	77,372	(71,448)			(71,448)		5,924		89,982	89,982		588
67066G-10-4	NVIDIA CORP		.10/10/2023	Various	5,532.000	1,990,232		6,952	808,446	(801,877)			(801,877)		6,952		1,989,511	1,989,511		323
670704-10-5	NUVASIVE INC		.09/05/2023	Tax Free Exchange	1,307.000	29,452		29,452	53,901	(24,449)			(24,449)		29,452					
670837-10-3	OGE ENERGY CORP		.10/10/2023	Various	1,864.000	62,666		22,538	73,721	(51,183)			(51,183)		22,538		40,254	40,254		2,669
67098H-10-4	O-I GLASS INC		.04/25/2023	GUZMAN AND COMPANY	1,550.000	32,621		34,119	25,683	8,436			8,436		34,119		(1,503)	(1,503)		
67103H-10-7	O'REILLY AUTOMOTIVE INC		.10/10/2023	Various	230.000	207,850		7,172	194,127	(185,005)			(185,005)		7,172		201,308	201,308		

E14.24

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	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 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 Con- tractual Maturity Date
67103X-10-2	OFG BANKCORP		.02/28/2023	Various	1,091.000	33,192		13,315	30,068	(16,753)			(16,753)		13,315		19,939	19,939		196
671044-10-5	OSI SYSTEMS INC		.06/23/2023	Various	252.000	29,470		4,069	20,038	(15,969)			(15,969)		4,068		25,481	25,481		
67181A-10-7	OAK STREET HEALTH INC		.05/02/2023	Corporate Action	3,059.000	119,301		164,214	65,799	98,415			98,415		164,214		(45,054)	(45,054)		
674599-10-5	OCCIDENTAL PETROLEUM CORP		.08/16/2023	Various	3,835.000	219,485		29,795	241,566	(211,687)			(211,687)		29,795		190,286	190,286	1,679	
67577C-10-5	OCUGEN INC		.06/23/2023	Various	5,511.000	2,919		46,014	7,164	38,850			38,850		46,014		(43,230)	(43,230)		
679295-10-5	OKTA INC		.10/10/2023	Various	336.000	28,565		13,217	22,958	(9,741)			(9,741)		13,216		15,396	15,396		
679580-10-0	OLD DOMINION FREIGHT LINE INC		.09/01/2023	Various	187.000	68,340		772	53,067	(52,295)			(52,295)		772		67,780	67,780	108	
680223-10-4	OLD REPUBLIC INTL CORP		.07/21/2023	GUZMAN AND COMPANY	1,345.000	35,677		15,251	32,482	(17,231)			(17,231)		15,251		20,490	20,490	659	
680665-20-5	OLIN CORP		.04/25/2023	Various	587.000	31,965		7,427	31,076	(20,018)			(20,018)		7,427		24,615	24,615	117	
681116-10-9	OLLIES BARGAIN OUTLET HLDGS		.10/10/2023	GUZMAN AND COMPANY	382.000	28,297		8,148	17,893	(9,745)			(9,745)		8,148		20,212	20,212		
681919-10-6	OMNICO GROUP INC		.07/21/2023	Various	406.000	34,025		12,611	33,117	(20,506)			(20,506)		12,611		21,481	21,481	853	
681936-10-0	OMEGA HEALTHCARE INVESTORS INC		.08/16/2023	Various	964.000	29,697		9,812	26,944	(23,682)			(23,682)		9,812		19,947	19,947	1,938	
682189-10-5	ON SEMICONDUCTOR CORP		.08/16/2023	Various	1,137.000	95,189		12,231	70,914	(58,683)			(58,683)		12,230		83,219	83,219		
68236H-20-4	ONDAS HOLDINGS INC		.06/23/2023	Various	810.000	818		4,949	1,288	3,661			3,661		4,949		(4,144)	(4,144)		
682680-10-3	ONEOK INC		.09/01/2023	Various	567.000	37,167		5,708	37,253	(59,874)			(59,874)		5,709		31,558	31,558	1,624	
68269G-10-7	1LIFE HEALTHCARE INC		.02/23/2023	Corporate Action	4,943.000	88,974		116,865	82,598	34,267			34,267		116,865		(27,979)	(27,979)		
68376D-10-4	OPORTUN FINANCIAL CORP		.03/15/2023	Various	563.000	1,307		10,699	3,102	7,597			7,597		10,699		(9,422)	(9,422)		
683797-10-4	OPPENHEIMER HOLDINGS		.06/23/2023	Various	448.000	17,679		10,348	18,964	(8,616)			(8,616)		10,348		7,354	7,354		134
68389X-10-5	ORACLE CORP		.10/10/2023	Various	3,136.000	341,108		113,479	256,336	(142,857)			(142,857)		113,479		228,344	228,344	2,714	
68622V-10-6	ORGANON & CO		.07/21/2023	GUZMAN AND COMPANY	1,709.000	36,172		32,680	47,732	(15,080)			(15,080)		32,679		3,503	3,503	957	
68752M-10-8	ORTHOFIX MEDICAL INC		.01/31/2023	Direct	0.000			19	9	31			31		19		(10)	(10)		
688239-20-1	OSHKOSH CORP		.05/31/2023	Various	445.000	32,857		6,496	39,244	(32,748)			(32,748)		6,496		26,444	26,444	365	
68902V-10-7	OTIS WORLDWIDE CORP		.10/10/2023	Various	1,151.000	93,791		13,343	90,134	(76,637)			(76,637)		13,342		80,701	80,701	712	
68989M-10-3	OSTER INC		.03/09/2023	Direct	0.000			1	1	1			1				(1)	(1)		
68989M-10-3	OSTER INC		.04/21/2023	Tax Free Exchange	3,455.000	10,804		10,804	2,982	7,822			7,822		10,804					
69012T-20-6	OUTLOOK THERAPEUTICS INC		.08/31/2023	Various	2,475.000	615		5,989	2,673	3,316			3,316		5,989		(5,391)	(5,391)		
69047Q-10-2	OVINTIV INC		.04/25/2023	Various	878.000	31,455		7,893	44,523	(36,630)			(36,630)		7,893		23,636	23,636	220	
69324R-10-4	PCSB FINANCIAL CORP		.01/01/2023	Tax Free Exchange	696.000	18,748		11,873	13,252	(1,379)			(1,379)		11,873		6,897	6,897		
69327R-10-1	PETROLEUM DEVELOPMENT CORP		.02/28/2023	Various	478.000	32,082		24,668	30,344	6,202			6,202		24,668		7,437	7,437		
69327R-10-1	PETROLEUM DEVELOPMENT CORP		.08/08/2023	Tax Free Exchange	1,983.000	94,781		94,781	125,881	(19,222)			(19,222)		94,781				1,586	
69331C-10-8	PG&E CORP		.10/10/2023	Various	5,813.000	98,483		52,491	94,519	(42,028)			(42,028)		52,491		46,136	46,136		
693475-10-5	PNC FINANCIAL SERVICES GRP INC		.09/15/2023	Various	1,121.000	149,967		57,050	177,051	(93,958)			(93,958)		57,050		93,209	93,209	3,346	
693506-10-7	PPG INDUSTRIES INC		.09/01/2023	Various	493.000	67,355		11,809	61,990	(50,181)			(50,181)		11,809		55,721	55,721	771	
69351T-10-6	PPL CORP		.02/28/2023	Various	1,187.000	32,136		16,427	34,684	(18,336)			(18,336)		16,427		15,758	15,758	267	
69354N-10-6	PORTFOLIO RECOVERY ASSOCIATES		.04/25/2023	Various	881.000	32,558		10,217	29,760	(19,543)			(19,543)		10,217		22,411	22,411		
693656-10-0	PHILLIPS-VAN HEUSEN CORP		.06/23/2023	Various	357.000	28,865		19,536	25,201	(5,661)			(5,661)		19,536		9,358	9,358	27	
693718-10-8	PACCAR INC		.09/01/2023	Various	281.000	35,245		2,620	27,844	(25,224)			(25,224)		2,620		32,727	32,727	1,004	
695156-10-9	PACKAGING CORP OF AMERICA		.09/01/2023	Various	233.000	34,847		2,906	29,803	(26,897)			(26,897)		2,906		32,041	32,041	874	
695263-10-3	PACWEST BANCORP		.05/02/2023	Various	3,679.000	34,435		107,537	84,432	8,536			8,536		107,536		(73,332)	(73,332)	920	
69608A-10-8	PALANTIR TECHNOLOGIES INC		.05/31/2023	Various	2,264.000	33,307		60,627	14,535	46,092			46,092		60,627		(27,406)	(27,406)		
697435-10-5	PALO ALTO NETWORKS INC		.10/10/2023	Various	741.000	157,529		45,401	103,399	738,079			738,079		45,401		112,480	112,480		
700517-10-5	PARK HOTELS & RESORTS INC		.05/31/2023	Various	2,546.000	32,948		76,637	30,017	48,420			48,420		76,636		(43,826)	(43,826)	1,018	
701094-10-4	PARKER HANNIFIN CORP		.09/01/2023	Various	213.000	83,601		5,592	61,984	(56,392)			(56,392)		5,593		78,254	78,254	733	
703481-10-1	PATTERSON-UTI ENERGY INC		.09/21/2023	Various	2,422.000	35,566		47,060	40,782	5,438			5,438		47,060		(11,530)	(11,530)	388	
704326-10-7	PAYCHEX INC		.09/01/2023	Various	595.000	67,398		16,226	68,759	(52,533)			(52,533)		16,226		51,333	51,333	1,252	
70432V-10-2	PAYCOM SOFTWARE INC		.05/31/2023	Various	120.000	33,619		4,289	37,237	(32,948)			(32,948)		4,289		29,422	29,422	45	
70434P-10-3	PAYA HOLDINGS INC		.02/21/2023	Corporate Action	1,831.000	17,852		19,060	14,409	4,651			4,651		19,059		(1,212)	(1,212)		
70450Y-10-3	PAYPAL HOLDINGS INC		.10/10/2023	Various	3,154.000	212,880		51,307	224,628	(174,244)			(174,244)		51,307		162,081	162,081		
70931T-10-3	PENNYMAC MORTGAGE INVESTMENT		.09/01/2023	Various	2,588.000	34,834		49,691	32,065	11,207			11,207		49,690		(14,904)	(14,904)	3,106	

E14.25

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	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 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 Con- tractual Maturity Date
70975L-10-7	PENUMBRA INC		.07/21/2023	GUZMAN AND COMPANY	117,000	35,517		6,803	26,028	(19,225)			(19,225)		6,803		28,804	28,804		
713448-10-8	PEPSICO INC		.10/10/2023	Various	2,869,000	519,129		91,201	518,314	(427,112)			(427,112)		91,201		429,272	429,272	9,216	
714046-10-9	PERKINELMER INC		.07/21/2023	GUZMAN AND COMPANY	282,000	36,904		9,509	39,542	(30,033)			(30,033)		9,509		27,481	27,481	59	
71424F-10-5	PERMIAN RESOURCES CORP		.11/13/2023	Direct	1,000	9		5	6	8,909			8,909		5		4	4		
717081-10-3	PFIZER INC		.10/10/2023	Various	10,639,000	395,389		265,313	545,142	(280,094)			(280,094)		265,313		130,485	130,485	9,221	
717098-20-6	PFSWEB INC		.06/23/2023	Various	568,000	2,437		6,640	3,494	3,146			3,146		6,640		(4,216)	(4,216)		
718172-10-9	PHILLIP MORRIS INTERNATIONAL		.10/10/2023	Various	3,023,000	287,866		55,757	305,958	(250,201)			(250,201)		55,757		232,838	232,838	10,254	
718546-10-4	PHILLIPS 66		.12/15/2023	Various	1,669,000	181,899		14,481	173,709	(163,514)			(163,514)		14,481		167,944	167,944	4,623	
72346Q-10-4	PINNACLE FINANCIAL PARTNER INC		.12/15/2023	BBHISL NOMINEES	461,000	40,379		6,504	33,838	(27,351)			(27,351)		6,504		33,981	33,981	406	
72352L-10-6	PINTEREST INC CLASS A		.08/16/2023	Various	2,477,000	63,481		53,523	60,142	(6,619)			(6,619)		53,523		9,989	9,989		
723787-10-7	PIONEER NATURAL RESOURCES CO		.09/01/2023	Various	531,000	112,958		10,407	121,275	(110,871)			(110,871)		10,407		102,873	102,873	3,291	
730541-10-9	POINT BIOPHARMA GLOBAL INC		.12/22/2023	Corporate Action	2,006,000	25,075		14,723	14,623	100			100		14,723		10,385	10,385		
731068-10-2	POLARIS INDUSTRIES INC		.05/31/2023	Various	306,000	32,962		2,402	30,905	(28,503)			(28,503)		2,402		30,656	30,656	398	
73278L-10-5	POOL CORP		.02/28/2023	Various	92,000	32,835		1,143	27,814	(26,671)			(26,671)		1,143		31,792	31,792		
73739W-10-4	POSHMARK INC		.01/06/2023	Corporate Action	1,197,000	21,426		14,603	21,402	(6,799)			(6,799)		14,602		6,844	6,844		
737446-10-4	POST HOLDINGS INC		.04/25/2023	Various	375,000	33,396		251	33,848	(29,280)			(29,280)		251		33,249	33,249		
739276-10-3	POWER INTEGRATIONS INC		.07/21/2023	GUZMAN AND COMPANY	389,000	35,833		6,131	27,900	(21,769)			(21,769)		6,132		29,795	29,795	148	
74006W-10-8	PRAXIS PRECISION MEDICINES INC		.06/23/2023	Various	684,000	780		21,167	1,628	19,539			19,539		21,167		(20,451)	(20,451)		
74039L-10-3	PREFERRED APARTMENT OGMTYS INC		.12/21/2023	Various	1,239,000	30,975		25,590	30,900	(5,310)			(5,310)		25,590		5,402	5,402		
74051N-10-2	PREMIER INC		.04/25/2023	Various	1,009,000	32,849		34,699	35,295	(596)			(596)		34,700		(1,856)	(1,856)	212	
74144T-10-8	PRICE T ROWE GROUP INC		.05/31/2023	Various	601,000	65,915		10,032	65,545	(55,513)			(55,513)		10,032		56,059	56,059	375	
74251V-10-2	PRINCIPAL FINANCIAL GROUP INC		.02/28/2023	Various	369,000	33,051		10,947	30,966	(20,019)			(20,019)		10,947		22,173	22,173		
742718-10-9	PROCTER & GAMBLE CO		.10/10/2023	Various	5,924,000	876,589		229,570	897,841	(668,269)			(668,269)		229,569		649,052	649,052	12,918	
74319R-10-1	PROG HOLDINGS INC		.07/21/2023	Various	991,000	35,226		7,046	16,739	(9,764)			(9,764)		7,047		28,269	28,269		
743312-10-0	PROGRESS SOFTWARE CORP		.06/23/2023	Various	451,000	24,842		7,216	22,753	(15,537)			(15,537)		7,216		17,681	17,681	158	
743315-10-3	PROGRESSIVE CORP THE		.10/10/2023	Various	1,237,000	170,215		10,006	160,451	(150,445)			(150,445)		10,006		160,712	160,712	317	
74340W-10-3	PROLOGIS INC		.10/10/2023	Various	1,736,000	210,626		54,293	195,700	(88,334)			(88,334)		54,293		156,824	156,824	2,664	
74349U-10-8	PROMETHEUS BIOSCIENCES INC		.06/20/2023	Corporate Action	792,000	158,400		20,944	87,120	(66,176)			(66,176)		20,944		137,888	137,888		
74374N-10-2	PROVENTION BIO INC		.04/26/2023	Corporate Action	1,356,000	33,900		19,674	14,333	5,341			5,341		19,674		14,271	14,271		
74374T-10-9	PROTERRA INC		.03/17/2023	Various	5,964,000	7,242		31,428	22,484	8,944			8,944		31,428		(24,262)	(24,262)		
74383L-10-5	PROVIDENT BANCORP INC		.06/23/2023	Various	339,000	2,699		3,715	2,468	1,247			1,247		3,715		(1,019)	(1,019)		
74432Q-10-2	PRUDENTIAL FINANCIAL INC		.12/15/2023	Various	1,070,000	99,210		35,643	106,422	(70,779)			(70,779)		35,643		63,767	63,767	3,858	
744573-10-6	PUBLIC SERVICE ENTERPRISE GRP		.10/10/2023	GUZMAN AND COMPANY	1,040,000	62,130		18,093	63,721	(45,628)			(45,628)		18,093		44,175	44,175	1,459	
74460D-10-9	PUBLIC STORAGE CO		.10/10/2023	Various	362,000	102,728		11,358	101,429	(90,071)			(90,071)		11,359		91,657	91,657	1,893	
745867-10-1	PULTE HOMES INC		.12/15/2023	Various	870,000	70,964		9,735	39,611	(33,144)			(33,144)		9,735		61,421	61,421	397	
74623V-10-3	PURECYCLE TECHNOLOGIES INC		.12/19/2023	Various	2,909,000	8,938		34,316	19,665	14,651			14,651		34,316		(25,458)	(25,458)		
74624M-10-2	PURE STORAGE INC		.08/16/2023	Various	821,000	30,365		8,332	21,970	(13,638)			(13,638)		8,332		22,102	22,102		
74736K-10-1	QORVO INC		.10/10/2023	Various	657,000	59,980		38,783	59,550	(24,272)			(24,272)		38,783		21,264	21,264		
747525-10-3	QUALCOMM INC		.10/10/2023	Various	2,176,000	254,936		39,356	239,229	(203,711)			(203,711)		39,356		216,257	216,257	3,179	
74758T-30-3	QUALYS INC		.09/01/2023	Various	223,000	34,785		3,593	25,027	(21,434)			(21,434)		3,593		31,290	31,290		
74762E-10-2	QUANTA SERVICES INC		.09/01/2023	Various	353,000	70,149		5,256	50,302	(45,046)			(45,046)		5,256		65,097	65,097	70	
74834L-10-0	QUEST DIAGNOSTICS INC		.05/31/2023	Various	249,000	33,033		3,719	38,954	(35,235)			(35,235)		3,719		29,406	29,406	341	
749119-10-3	QUOTIENT TECHNOLOGY INC		.09/05/2023	Corporate Action	2,851,000	11,404		41,258	31,479	9,779			9,779		41,258		(29,948)	(29,948)		
74915M-10-0	QUIRATE RETAIL INC		.04/19/2023	Various	8,276,000	6,793		42,054	13,490	46,140			46,140		42,054		(35,372)	(35,372)		
749607-10-7	RLI CORP		.08/16/2023	Various	222,000	29,767		5,984	29,142	(23,158)			(23,158)		5,985		23,858	23,858	118	
74965L-10-1	RLJ LODGING TRUST		.05/31/2023	Various	3,215,000	33,053		58,326	34,047	22,742			22,742		58,326		(25,352)	(25,352)	418	
749685-10-3	RPM INTERNATIONAL INC		.08/16/2023	Various	292,000	29,896		3,453	28,455	(25,002)			(25,002)		3,453		26,526	26,526	368	
750102-10-5	RACKSPACE TECHNOLOGY INC		.04/26/2023	Various	1,424,000	2,048		26,732	4,201	22,531			22,531		26,732		(24,762)	(24,762)		
750481-10-3	RADIUS GLOBAL INFRASTRUCTURE		.09/22/2023	Various	1,833,000	27,495		27,274	21,666	5,608			5,608		27,274		222	222		

E14.26

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	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 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 Con- tractual Maturity Date
75134P-30-3	RAMACO RESOURCES INC		.06/22/2023	Spin Off	0.000	8.850		8.850	5.679	(1,616)			(1,616)		8.850					
75281A-10-9	RANGE RESOURCES CORP		.04/25/2023	GUZMAN AND COMPANY	1,292.000	32,424		34,662	32,326	2,336			2,336		34,662		(2,245)	(2,245)		103
754730-10-9	RAYMOND JAMES FINANCIAL INC		.10/10/2023	GUZMAN AND COMPANY	282.000	28,292		1,880	30,132	(53,193)			(53,193)		1,880		26,495	26,495		483
75513E-10-1	RAYTHEON TECHNOLOGIES CORP		.12/15/2023	Various	4,126.000	367,248		73,696	416,396	(354,023)			(354,023)		73,696		294,474	294,474		5,423
75524B-10-4	RBC BEARINGS INC		.09/01/2023	Various	151.000	35,304		3,427	31,612	(28,185)			(28,185)		3,427		31,977	31,977		
75615P-10-3	REATA PHARMACEUTICALS INC		.09/27/2023	Various	815.000	139,974		59,427	30,962	28,465			28,465		59,427		80,800	80,800		
75700L-10-8	RED ROCK RESORTS INC		.02/28/2023	Various	752.000	32,843		7,708	30,088	(22,381)			(22,381)		7,708		25,214	25,214		
758750-10-3	REGAL-BELOIT CORP		.08/16/2023	Various	194.000	29,691		3,763	23,277	(19,514)			(19,514)		3,764		26,009	26,009		204
758849-10-3	REGENCY CENTERS CORP		.09/01/2023	Various	558.000	34,828		28,232	34,891	(11,512)			(11,512)		28,233		6,617	6,617		1,089
75886F-10-7	REGENERON PHARMACEUTICALS INC		.10/10/2023	Various	164.000	128,580		1,492	118,324	(116,832)			(116,832)		1,492		127,487	127,487		
7591EP-10-0	REGIONS FINANCIAL CORP		.02/28/2023	Various	1,405.000	32,768		5,883	30,291	(24,408)			(24,408)		5,883		26,969	26,969		281
759351-60-4	REINSURANCE GROUP AMERICA INC		.02/28/2023	Various	228.000	32,943		11,789	32,397	(20,608)			(20,608)		11,789		21,220	21,220		182
759509-10-2	RELIANCE STEEL & ALUMINUM CO		.09/01/2023	Various	256.000	68,049		3,216	51,825	(48,609)			(48,609)		3,216		65,037	65,037		366
75955J-40-2	RELMADA THERAPEUTICS INC		.06/23/2023	Various	940.000	2,322		29,144	3,280	25,864			25,864		29,144		(26,906)	(26,906)		
759916-10-9	REPLIGEN CORP		.08/16/2023	Various	174.000	29,228		687	29,460	(28,773)			(28,773)		687		28,631	28,631		
76010Y-10-3	RENT THE RUNWAY INC		.09/08/2023	Various	1,396.000	1,363		5,374	4,257	1,117			1,117		5,374		(4,024)	(4,024)		
760416-10-7	REPUBLIC FIRST BANCORP INC		.06/23/2023	Various	1,873.000	1,761		10,463	4,027	6,436			6,436		10,463		(8,729)	(8,729)		
760759-10-0	REPUBLIC SERVICES INC		.08/16/2023	GUZMAN AND COMPANY	206.000	30,438		5,690	26,573	(20,767)			(20,767)		5,691		24,826	24,826		306
761152-10-7	RESMED INC		.04/25/2023	Various	145.000	32,858		489	30,179	(29,690)			(29,690)		489		32,471	32,471		64
76117W-10-9	RESOLUTE FOREST PRODUCTS		.02/28/2023	Various	887.000	19,444		10,732	19,150	(8,418)			(8,418)		10,732		8,739	8,739		
76155X-10-0	REVOLUTION MEDICINES INC		.11/24/2023	Direct	1.000	20		27	21	22			22		28		(7)	(7)		
767754-87-2	RITE AID CORP		.04/04/2023	Various	1,730.000	3,705		161,510	5,778	155,854			155,854		161,510		(158,301)	(158,301)		
76954A-10-3	RIVIAN AUTOMOTIVE INC		.09/01/2023	Various	1,527.000	35,594		149,194	28,143	121,051			121,051		149,194		(113,957)	(113,957)		
770323-10-3	ROBERT HALF INTERNATIONAL INC		.05/31/2023	Various	499.000	32,448		9,810	36,842	(27,032)			(27,032)		9,810		22,709	22,709		479
771049-10-3	ROBLOX CORP CLASS A		.10/10/2023	GUZMAN AND COMPANY	927.000	33,650		33,759	26,383	7,376			7,376		33,760		(5,125)	(5,125)		
773903-10-9	ROCKWELL AUTOMATION INC		.10/10/2023	Various	315.000	97,018		5,661	81,135	(75,474)			(75,474)		5,661		91,644	91,644		725
77543R-10-2	ROKU INC		.10/10/2023	Various	391.000	28,514		17,481	15,914	1,567			1,567		17,481		11,068	11,068		
775711-10-4	ROLLINS INC		.04/25/2023	GUZMAN AND COMPANY	832.000	33,043		4,065	30,401	(26,336)			(26,336)		4,065		29,069	29,069		108
77664L-20-7	ROOT INC		.06/23/2023	Various	231.000	2,536		5,613	1,036	4,577			4,577		5,612		(3,087)	(3,087)		
776696-10-6	ROPER INDUSTRIES INC		.08/16/2023	Various	135.000	63,849		2,165	58,333	(56,168)			(56,168)		2,166		61,878	61,878		226
778296-10-3	ROSS STORES INC		.12/15/2023	Various	913.000	108,361		2,237	105,972	(103,735)			(103,735)		2,237		106,457	106,457		642
780287-10-8	ROYAL GOLD INC		.08/16/2023	Various	274.000	29,588		13,628	30,886	(17,258)			(17,258)		13,628		16,010	16,010		308
781846-30-8	RUSH ENTERPRISES INC		.09/07/2023	Direct	0.000	23		5	18	(13)			(13)		4		18	18		
783332-10-9	RUTH'S HOSPITALITY GROUP INC		.06/14/2023	Corporate Action	1,174.000	25,241		11,027	18,173	(7,146)			(7,146)		11,027		14,259	14,259		188
783549-10-8	RYDER SYSTEM INC		.08/16/2023	GUZMAN AND COMPANY	302.000	29,803		7,282	25,238	(17,956)			(17,956)		7,282		22,592	22,592		374
78377T-10-7	RYMAN HOSPITALITY PROPERTIES		.05/31/2023	Various	365.000	33,485		16,351	29,850	(14,334)			(14,334)		16,351		17,188	17,188		365
78409V-10-4	SBP GLOBAL INC		.10/10/2023	Various	849.000	312,645		20,759	284,364	(263,605)			(263,605)		20,759		292,803	292,803		1,356
78410G-10-4	SBA COMMUNICATIONS CORP		.06/23/2023	Various	122.000	27,217		1,592	34,198	(32,606)			(32,606)		1,592		25,706	25,706		207
784117-10-3	SEI INVESTMENTS CO		.10/10/2023	GUZMAN AND COMPANY	486.000	28,123		4,001	28,334	(24,333)			(24,333)		4,001		24,198	24,198		418
78463M-10-7	SPS COMMERCE INC		.07/21/2023	GUZMAN AND COMPANY	193.000	35,007		1,158	24,786	(23,628)			(23,628)		1,157		33,955	33,955		
78473E-10-3	SPX TECHNOLOGIES INC		.06/23/2023	Various	318.000	26,039		4,195	20,876	(16,681)			(16,681)		4,195		21,913	21,913		
78486Q-10-1	SVB FINANCIAL GROUP		.03/28/2023	Various	1,668.000	630		160,901	383,874	(241,134)			(241,134)		160,901		(160,775)	(160,775)		
78645L-10-0	SAFEHOLD INC		.03/31/2023	Tax Free Exchange	585.000	24,437		24,437	16,743	(1,126)			(1,126)		24,437					207
78709Y-10-5	SAIA INC		.09/01/2023	Various	82.000	35,963		291	17,194	(16,903)			(16,903)		291		35,784	35,784		
79466L-30-2	SALESFORCE COM INC		.10/10/2023	Various	2,221.000	462,514		11,547	294,482	(282,935)			(282,935)		11,547		452,384	452,384		
80359A-10-6	SARCOS TECH AND ROBOTICS CORP		.06/23/2023	Various	1,976.000	748		5,552	1,110	4,442			4,442		5,553		(4,819)	(4,819)		
808513-10-5	SCHWAB CHARLES CORP		.10/10/2023	Various	3,984.000	229,901		47,811	331,708	(283,897)			(283,897)		47,811		182,662	182,662		2,322
808625-10-7	SCIENCE APPLICATIONS INTL CORP		.08/16/2023	Various	256.000	30,353		10,577	28,399	(17,889)			(17,889)		10,578		19,838	19,838		284
808644-10-8	SCIENCE 37 HOLDINGS INC		.05/02/2023	Various	1,626.000	465		4,634	674	3,960			3,960		4,633		(4,182)	(4,182)		

E14.27

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	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 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 Con- tractual Maturity Date
80874P-10-9	SCIENTIFIC GAMES CORP		.06/23/2023	Various	440,000	29,094		4,243	25,784	(21,541)			(21,541)		4,243		24,929	24,929		
811246-10-7	SCULPTOR CAPITAL MANAGEMENT		.11/17/2023	Various	551,000	6,998		13,384	4,772	8,612			8,612		13,384		(6,406)	(6,406)		143
811543-10-7	SEABOARD CORP		.10/10/2023	Various	8,000	28,567		32,398	30,202	2,196			2,196		32,398		(3,843)	(3,843)		54
81181C-10-4	SEAGEN INC		.12/14/2023	Various	3,671,000	838,744		77,171	471,759	(394,588)			(394,588)		77,170		763,966	763,966		
81211K-10-0	SEALED AIR CORP		.08/16/2023	GUZMAN AND COMPANY	821,000	28,912		19,733	40,951	(21,218)			(21,218)		19,733		9,208	9,208		328
81255T-10-8	SEASPIRE HOLDINGS CORP		.01/05/2023	Tax Free Exchange	640,000	9,120		9,120	5,344	3,776			3,776		9,120					
81282V-10-0	SEAWORLD ENTERTAINMENT INC		.08/16/2023	Various	605,000	29,515		16,935	32,373	(15,928)			(15,928)		16,935		12,620	12,620		
81374A-10-5	SECUREWORKS CORP		.06/23/2023	Various	257,000	1,804		3,351	1,642	1,709			1,709		3,351		(1,552)	(1,552)		
81619Q-10-5	SELECT MEDICAL HOLDINGS		.10/10/2023	Various	1,162,000	28,267		12,520	28,853	(16,333)			(16,333)		12,521		15,796	15,796		436
816307-30-0	SELECTQUOTE INC		.04/27/2023	Various	4,001,000	3,970		110,859	2,688	108,171			108,171		110,859		(107,225)	(107,225)		
81663L-10-1	SEMA4 HOLDINGS CORP		.05/04/2023	Tax Free Exchange	4,050,000	6,885		6,885	1,069	5,816			5,816		6,885					
816851-10-9	SEMPRA ENERGY		.10/10/2023	Various	656,000	95,935		14,911	101,301	(86,390)			(86,390)		14,911		81,279	81,279		1,928
81727U-10-5	SENSEONICS HOLDINGS INC		.06/23/2023	Various	12,510,000	10,219		47,911	35,027	12,884			12,884		47,910		(37,810)	(37,810)		
81750R-10-2	SERES THERAPEUTICS INC		.11/21/2023	Various	2,061,000	2,224		40,405	11,542	28,863			28,863		40,405		(38,301)	(38,301)		
817565-10-4	SERVICE CORP INTL		.10/10/2023	Various	507,000	28,217		3,555	35,053	(31,498)			(31,498)		3,554		24,739	24,739		421
81761L-10-2	SERVICE PROPERTIES TRUST		.08/16/2023	Various	4,584,000	39,707		137,131	99,485	33,418			33,418		137,131		(97,730)	(97,730)		2,028
81762P-10-2	SERVICENOW INC		.10/10/2023	Various	396,000	206,232		15,988	153,756	(137,768)			(137,768)		15,989		190,842	190,842		
824348-10-6	SHERWIN-WILLIAMS CO THE		.10/10/2023	Various	531,000	134,469		4,531	126,022	(121,491)			(121,491)		4,531		130,346	130,346		710
82657M-10-5	SIGHT SCIENCES INC		.10/30/2023	Various	775,000	1,105		8,137	9,463	(1,326)			(1,326)		8,137		(7,054)	(7,054)		
82669G-10-4	SIGNATURE BANK NEW YORK NY		.03/28/2023	Various	1,749,000	371		65,513	201,519	(136,006)			(136,006)		65,512		(65,347)	(65,347)		1,224
82671G-10-0	SIGNIFY HEALTH INC CLASS A		.03/29/2023	Corporate Action	1,449,000	44,195		35,868	41,529	(5,661)			(5,661)		35,868		8,353	8,353		
826919-10-2	SILICON LABORATORIES INC		.02/28/2023	Various	187,000	33,389		6,572	25,370	(18,798)			(18,798)		6,572		26,901	26,901		
827048-10-9	SILGAN HOLDINGS INC		.02/28/2023	Various	613,000	32,738		1,345	31,778	(30,433)			(30,433)		1,345		31,492	31,492		
82837P-40-8	SILVERGATE CAPITAL CORP		.03/02/2023	Various	881,000	5,895		58,419	15,330	43,089			43,089		58,419		(52,689)	(52,689)		
828806-10-9	SIMON PROPERTY GROUP INC		.12/15/2023	Various	833,000	105,445		64,955	97,861	(33,395)			(33,395)		64,955		40,617	40,617		3,297
829226-10-9	SINGLAIR BROADCAST GROUP INC		.06/01/2023	Tax Free Exchange	132,000	3,877		3,877	2,048	1,829			1,829		3,877					66
82933R-10-0	SINGULAR GENOMICS SYSTEMS INC		.05/19/2023	Various	1,521,000	1,204		5,719	3,057	2,662			2,662		5,718		(4,529)	(4,529)		
82982L-10-3	SITEONE LANDSCAPE SUPPLY INC		.07/21/2023	Various	215,000	35,687		7,236	25,224	(17,988)			(17,988)		7,236		28,540	28,540		
82983N-10-8	SITIO ROYALTIES CORP		.01/20/2023	Direct	1,000	20		8	21	(5)			(5)		7		12	12		
83068P-20-0	SKILLSOFT CORP		.05/02/2023	Various	1,592,000	1,894		6,813	2,070	4,743			4,743		6,814		(4,934)	(4,934)		
83067L-10-9	SKILLZ INC		.06/23/2023	Various	8,841,000	4,164		180,700	4,478	176,222			176,222		180,700		(177,091)	(177,091)		
83088M-10-2	SKYWORKS SOLUTIONS INC		.08/16/2023	Various	603,000	62,430		23,689	54,951	(31,262)			(31,262)		23,689		38,863	38,863		748
831865-20-9	SMITH AO CORP		.08/16/2023	GUZMAN AND COMPANY	424,000	29,801		1,778	24,270	(22,492)			(22,492)		1,778		28,111	28,111		382
832696-40-5	SMUCKER JM COMPANY		.11/22/2023	Various	230,000	33,766		9,441	36,512	(27,056)			(27,056)		9,441		24,401	24,401		471
833445-10-9	SNOWFLAKE INC CLASS A		.10/10/2023	Various	583,000	92,900		144,046	83,684	60,362			60,362		144,046		(51,307)	(51,307)		
835495-10-2	SONOCO PRODUCTS CO		.08/16/2023	Various	538,000	29,851		14,174	32,662	(18,488)			(18,488)		14,174		15,726	15,726		812
83587F-20-2	SORRENTO THERAPEUTICS		.02/13/2023	Various	11,419,000	5,399		41,267	6,329	34,938			34,938		41,267		(35,981)	(35,981)		
83587F-20-2	SORRENTO THERAPEUTICS		.01/09/2023	Spin Off	0,000	24,697		24,697	3,788	20,909			20,909		24,697					
838518-10-8	SOUTH JERSEY INDUSTRIES INC		.02/01/2023	Corporate Action	3,214,000	115,704		60,698	114,194	(53,496)			(53,496)		60,698		55,179	55,179		482
840441-10-9	SOUTH STATE CORP		.12/15/2023	BBHSL NOMINEES	414,000	35,931		17,511	31,613	(15,745)			(15,745)		17,511		18,478	18,478		845
842587-10-7	SOUTHERN CO		.09/01/2023	Various	1,881,000	131,069		29,203	134,322	(105,119)			(105,119)		29,202		102,186	102,186		2,641
84265V-10-5	SOUTHERN COPPER CORP		.09/01/2023	Various	431,000	35,402		13,445	26,028	(12,583)			(12,583)		13,445		22,026	22,026		1,293
844741-10-8	SOUTHWEST AIRLINES CO		.06/23/2023	Various	1,257,000	42,652		15,380	42,323	(26,943)			(26,943)		15,379		27,358	27,358		679
844895-10-2	SOUTHWEST GAS CORP		.09/01/2023	Various	561,000	34,871		11,342	34,714	(23,372)			(23,372)		11,341		23,603	23,603		1,043
848560-10-8	SPIRE GLOBAL INC		.06/23/2023	Various	3,221,000	1,486		4,509	3,092	1,417			1,417		4,509		(3,032)	(3,032)		
848574-10-9	SPIRIT AEROSYSTEMS HLDGS INC		.07/21/2023	GUZMAN AND COMPANY	1,229,000	35,415		24,376	36,379	(12,003)			(12,003)		24,376		11,074	11,074		
848577-10-2	SPIRIT AIRLINES INC		.08/16/2023	Various	3,099,000	51,442		98,656	60,369	38,287			38,287		98,657		(47,362)	(47,362)		1,594
848637-10-4	SPLUNK INC		.10/10/2023	Various	649,000	72,287		30,076	55,872	(25,796)			(25,796)		30,076		42,344	42,344		
85208M-10-2	SPROUTS FARMERS MARKET		.07/21/2023	Various	897,000	35,943		25,667	29,036	(3,369)			(3,369)		25,667		10,308	10,308		

E14.28

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	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 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
852234-10-3	SQUARE INC		.08/16/2023	Various	515,000	29,605		4,517	32,362	(27,845)			(27,845)		4,516		25,167	25,167		
855244-10-9	STARBUCKS CORP		.10/10/2023	Various	2,613,000	260,546		10,318	259,210	(248,892)			(248,892)		10,318		251,014	251,014	3,099	
857477-10-3	STATE STREET CORP		.09/15/2023	Various	1,697,000	120,902		43,120	131,637	(88,517)			(88,517)		43,121		78,026	78,026	2,553	
858119-10-0	STEEL DYNAMICS INC		.10/10/2023	Various	778,000	88,042		5,565	76,011	(70,446)			(70,446)		5,565		82,736	82,736	700	
862121-10-0	STORE CAPITAL CORP		.02/03/2023	Corporate Action	6,743,000	217,462		180,370	216,181	(38,573)			(38,573)		180,371		37,209	37,209		
863667-10-1	STRYKER CORP		.09/01/2023	Various	583,000	167,445		9,503	142,537	(133,034)			(133,034)		9,502		158,438	158,438	1,137	
86646P-10-3	SUMO LOGIC INC		.05/15/2023	Corporate Action	2,378,000	28,655		54,560	19,261	35,299			35,299		54,560		(25,986)	(25,986)		
86771W-10-5	SUNRUN INC		.07/21/2023	GUZMAN AND COMPANY	1,650,000	35,204		12,866	39,633	(26,769)			(26,769)		12,866		22,408	22,408		
867892-10-1	SUNSTONE HOTEL INVESTORS INC		.10/10/2023	GUZMAN AND COMPANY	2,986,000	28,265		50,290	28,844	21,446			21,446		50,290		(22,094)	(22,094)	657	
86800J-10-4	SUPER MICRO COMPUTER INC		.05/31/2023	Various	143,000	32,028		4,021	11,740	(7,719)			(7,719)		4,021		28,095	28,095		
868358-10-2	SUPERIOR UNIFORM GROUP INC		.06/23/2023	Various	295,000	2,835		4,799	2,968	1,831			1,831		4,799		(1,970)	(1,970)	83	
871607-10-7	SYNOPSIS INC		.10/10/2023	Various	298,000	127,523		6,512	95,148	(88,636)			(88,636)		6,512		121,391	121,391		
87161C-50-1	SYNOVUS FINANCIAL CORP		.10/10/2023	GUZMAN AND COMPANY	1,050,000	28,829		21,312	39,428	(18,117)			(18,117)		21,312		7,541	7,541	1,554	
87165B-10-3	SYNCHRONY FINANCIAL		.12/15/2023	Various	2,094,000	68,771		64,001	68,809	(4,808)			(4,808)		64,001		4,785	4,785	1,191	
87166B-10-2	SYNEOS HEALTH INC		.09/29/2023	Various	3,059,000	131,309		166,310	112,203	54,107			54,107		166,309		(35,111)	(35,111)		
871829-10-7	SYSCO CORP		.08/16/2023	GUZMAN AND COMPANY	422,000	30,416		6,283	32,262	(25,979)			(25,979)		6,283		24,209	24,209	625	
872540-10-9	TUX COS INC		.09/01/2023	Various	2,640,000	218,808		7,059	210,144	(203,085)			(203,085)		7,059		212,414	212,414	1,622	
872590-10-4	T-MOBILE US INC		.10/10/2023	Various	2,877,000	396,707		93,487	402,780	(324,247)			(324,247)		93,487		304,173	304,173		
87266J-10-4	TPI COMPOSITES INC		.07/28/2023	Various	927,000	5,483		18,995	9,399	9,596			9,596		18,995		(13,554)	(13,554)		
874054-10-9	TAKE-TWO INTERACTIVE SOFTWARE		.08/16/2023	Various	216,000	30,297		1,853	22,492	(20,639)			(20,639)		1,853		28,533	28,533		
876030-10-7	TAPESTRY INC		.04/25/2023	GUZMAN AND COMPANY	792,000	31,938		3,766	30,159	(26,393)			(26,393)		3,766		28,261	28,261	238	
87612E-10-6	TARGET CORP		.12/15/2023	Various	820,000	116,182		18,266	122,213	(103,947)			(103,947)		18,266		98,224	98,224	2,302	
87612G-10-1	TARGA RESOURCES CORP		.12/15/2023	BBHSL NOMINEES	502,000	42,875		43,896	36,896	2,581			2,581		43,895		(1,024)	(1,024)	929	
87663X-10-2	TATTOOED CHEF INC		.05/16/2023	Various	1,227,000	816		24,539	1,510	23,029			23,029		24,539		(23,798)	(23,798)		
87724P-10-6	TAYLOR MORRISON HOME CORP		.10/10/2023	Various	1,396,000	63,420		35,498	42,369	(12,361)			(12,361)		35,498		28,010	28,010		
87901J-10-5	TEGNA INC		.10/10/2023	Various	1,964,000	28,411		5,134	41,617	(36,404)			(36,404)		5,134		23,350	23,350	783	
879360-10-5	TELEDYNE TECHNOLOGIES INC		.04/25/2023	GUZMAN AND COMPANY	78,000	32,454		1,239	31,194	(29,955)			(29,955)		1,240		31,313	31,313		
879369-10-6	TELEFLEX INC		.09/01/2023	Various	164,000	35,022		6,369	40,940	(34,571)			(34,571)		6,369		28,743	28,743	167	
879433-82-9	TELEPHONE & DATA SYSTEMS INC		.08/16/2023	Various	1,651,000	30,487		61,430	17,318	44,112			44,112		61,429		(31,040)	(31,040)	611	
87969B-10-1	TELOS CORPORATION		.06/23/2023	Various	1,087,000	2,674		35,867	5,533	30,334			30,334		35,867		(33,297)	(33,297)		
88023J-10-1	TEMPER SEALY INTERNATIONAL		.06/23/2023	Various	692,000	26,062		4,542	23,757	(19,215)			(19,215)		4,542		21,588	21,588	152	
88033G-40-7	TENET HEALTHCARE CORP		.04/25/2023	GUZMAN AND COMPANY	481,000	34,072		37,192	23,468	13,724			13,724		37,192		(3,130)	(3,130)		
880770-10-2	TERADYNE INC		.08/16/2023	GUZMAN AND COMPANY	295,000	29,867		12,424	25,768	(13,344)			(13,344)		12,424		17,498	17,498	65	
88160R-10-1	TESLA MOTORS INC		.10/10/2023	Various	4,896,000	1,100,683		8,995	603,090	(594,093)			(594,093)		8,995		1,095,118	1,095,118		
88162G-10-3	TETRA TECH INC		.08/16/2023	Various	180,000	29,974		2,388	26,133	(23,745)			(23,745)		2,387		27,673	27,673	88	
882508-10-4	TEXAS INSTRUMENTS INC		.10/10/2023	Various	2,107,000	360,036		39,432	348,119	(308,687)			(308,687)		39,432		321,611	321,611	5,136	
882681-10-9	TEXAS ROADHOUSE INC		.05/31/2023	Various	309,000	33,344		5,188	28,103	(22,915)			(22,915)		5,187		28,244	28,244	170	
883203-10-1	TEXTRON INC		.10/10/2023	Various	882,000	60,660		5,060	62,446	(57,386)			(57,386)		5,061		55,775	55,775	49	
88331L-10-8	THE BEAUTY HEALTH CO		.11/15/2023	Various	2,708,000	5,032		54,274	24,643	29,631			29,631		54,274		(49,397)	(49,397)		
88339J-10-5	TRADE DESK INC		.10/10/2023	Various	758,000	64,124		2,640	33,982	(31,342)			(31,342)		2,641		61,677	61,677		
883556-10-2	THERMO FISHER SCIENTIFIC INC		.10/10/2023	Various	858,000	456,127		15,837	472,492	(456,655)			(456,655)		15,837		441,673	441,673	774	
885160-10-1	THOR INDUSTRIES INC		.07/21/2023	Various	320,000	35,138		4,327	24,158	(19,831)			(19,831)		4,328		30,908	30,908		
88579Y-10-1	3M CO		.09/15/2023	Various	1,221,000	120,513		49,565	146,422	(96,857)			(96,857)		49,565		71,171	71,171	4,106	
887389-10-4	TIMKEN CO		.02/28/2023	Various	382,000	32,646		6,210	26,996	(20,832)			(20,832)		6,210		26,519	26,519	118	
890260-86-2	TONIX PHARMACEUTICALS HLDNGS		.08/25/2023	Various	309,000	577		11,753	752	11,001			11,001		11,752		(11,211)	(11,211)		
890516-10-7	TOOTSIE ROLL INDUSTRIES INC		.06/24/2023	Various	342,000	13,847		6,581	15,453	(8,965)			(8,965)		6,581		7,289	7,289	92	
89055F-10-3	TOPBUILD CORP		.09/01/2023	Various	120,000	35,587		2,816	18,779	(16,018)			(16,018)		2,817		32,874	32,874		
891092-10-8	TORO CO		.04/25/2023	Various	318,000	32,752		763	35,997	(35,234)			(35,234)		763		32,089	32,089	216	
892356-10-6	TRACTOR SUPPLY CO		.09/15/2023	Various	343,000	76,254		1,521	77,164	(75,643)			(75,643)		1,521		74,968	74,968	732	

E14.29

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	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 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 Con- tractual Maturity Date
893641-10-0	TRANSIGM GROUP INC		.09/01/2023	Various	89,000	73,074		3,101	56,040	(55,102)			(55,102)		3,102		70,193	70,193		
89400J-10-7	TRANSUNION		.07/21/2023	Various	447,000	35,896		14,434	25,367	(10,933)			(10,933)		14,433		21,529	21,529		94
894164-10-2	TRAVEL + LEISURE CO		.09/01/2023	Various	863,000	35,771		15,168	31,413	(17,114)			(17,114)		15,168		20,668	20,668		15,768
89417E-10-9	TRAVELERS COMPANIES INC THE		.10/10/2023	Various	551,000	93,033		20,111	103,308	(83,197)			(83,197)		20,112		73,151	73,151		1,297
89421B-10-9	TRAVELCENTERS OF AMERICA INC		.05/16/2023	Corporate Action	311,000	26,746		8,938	13,927	(4,989)			(4,989)		8,938		17,864	17,864		
89531P-10-5	TREX CO INC		.02/28/2023	Various	637,000	32,573		4,067	26,964	(22,897)			(22,897)		4,066		28,596	28,596		
896239-10-0	TRIMBLE NAVIGATION LTD		.10/10/2023	GUZMAN AND COMPANY	541,000	28,167		2,345	27,352	(25,007)			(25,007)		2,344		25,903	25,903		
89678F-10-0	TRISTATE CAPITAL HLDGS INC		.12/21/2023	Tax Free Exchange	943,000	18,906		13,248	28,837	(15,589)			(15,589)		13,248		5,676	5,676		
898402-10-2	TRUSTMARK CORP		.04/25/2023	Various	1,397,000	32,237		28,044	48,770	(20,726)			(20,726)		28,045		4,206	4,206		321
899896-10-4	TUPPERWARE BRANDS CORP		.04/10/2023	Various	1,520,000	1,891		37,506	6,292	31,214			31,214		37,505		(35,727)	(35,727)		
90137F-10-3	22ND CENTURY GROUP INC		.06/23/2023	Various	4,487,000	1,750		21,402	4,131	17,271			17,271		21,402		(19,714)	(19,714)		
90138F-10-2	TWILIO INC		.08/16/2023	Various	491,000	29,630		14,383	24,040	(9,657)			(9,657)		14,384		15,295	15,295		
90214J-10-1	ZU INC		.05/03/2023	Various	1,998,000	7,420		74,114	12,528	61,586			61,586		74,114		(66,904)	(66,904)		
902252-10-5	TYLER TECHNOLOGIES INC		.09/01/2023	Various	88,000	34,906		722	28,372	(27,650)			(27,650)		722		34,291	34,291		
902653-10-4	UDR INC		.06/23/2023	Various	624,000	25,105		6,682	24,167	(17,802)			(17,802)		6,682		18,481	18,481		499
902681-10-5	UGI CORP		.08/16/2023	GUZMAN AND COMPANY	1,305,000	29,983		5,600	48,376	(42,776)			(42,776)		5,599		24,460	24,460		1,429
90278Q-10-8	UPF INDUSTRIES INC		.02/28/2023	Various	380,000	32,505		2,295	30,115	(27,820)			(27,820)		2,295		30,305	30,305		95
902973-30-4	US BANCORP		.09/15/2023	Various	2,046,000	83,281		45,300	89,226	(43,926)			(43,926)		45,300		38,100	38,100		2,079
90353T-10-0	UBER TECHNOLOGIES INC		.09/01/2023	Various	2,183,000	100,519		78,439	53,986	24,453			24,453		78,439		22,149	22,149		
90353W-10-3	UBIQUITI INC		.04/25/2023	Various	137,000	32,322		14,341	37,474	(23,133)			(23,133)		14,341		18,037	18,037		82
90384S-30-3	ULTA BEAUTY INC		.08/16/2023	Various	142,000	69,625		8,918	66,608	(57,690)			(57,690)		8,918		60,898	60,898		
904214-10-3	UMPOVA HOLDINGS CORP		.03/02/2023	Tax Free Exchange	5,312,000	87,093		87,093	94,820	(29,731)			(29,731)		87,093					1,116
904677-20-0	UNIFI INC		.06/23/2023	Various	700,000	5,271		10,255	6,027	4,228			4,228		10,255		(5,000)	(5,000)		
907818-10-8	UNION PACIFIC CORP		.10/10/2023	Various	1,470,000	303,894		17,561	304,393	(286,832)			(286,832)		17,561		287,233	287,233		3,753
909907-10-7	UNITED BANKSHARES INC		.09/01/2023	Various	1,154,000	35,474		23,068	46,726	(24,410)			(24,410)		23,068		22,445	22,445		1,246
911163-10-3	UNITED NATURAL FOODS INC		.08/16/2023	Various	1,495,000	30,581		43,999	57,871	(13,872)			(13,872)		43,998		(13,460)	(13,460)		
911312-10-6	UNITED PARCEL SERVICE INC		.10/10/2023	Various	1,727,000	293,533		103,583	300,222	(196,639)			(196,639)		103,583		190,547	190,547		6,096
911363-10-9	UNITED RENTALS INC		.08/16/2023	Various	166,000	77,391		5,345	59,000	(51,355)			(51,355)		5,345		72,272	72,272		506
911684-10-8	US CELLULAR CORP		.06/23/2023	Various	444,000	7,153		17,063	9,257	7,806			7,806		17,063		(9,941)	(9,941)		
91324P-10-2	UNITEDHEALTH GROUP INC		.10/10/2023	Various	2,039,000	1,004,372		12,333	1,081,037	(1,068,704)			(1,068,704)		12,333		995,156	995,156		5,640
91336L-10-7	UNIVAR INC		.08/01/2023	Various	5,141,000	184,299		119,696	163,484	(43,797)			(43,797)		119,697		64,806	64,806		
913456-10-9	UNIVERSAL CORP		.10/10/2023	Various	595,000	28,218		25,692	31,422	(5,730)			(5,730)		25,692		2,534	2,534		1,892
91347P-10-5	UNIVERSAL DISPLAY CORP		.04/25/2023	GUZMAN AND COMPANY	241,000	32,413		2,028	26,038	(24,010)			(24,010)		2,028		30,480	30,480		84
913483-10-3	UNIVERSAL ELECTRONICS INC		.06/23/2023	Various	428,000	3,912		9,490	8,907	583			583		9,490		(5,596)	(5,596)		
913903-10-0	UNIVERSAL HEALTH SERVICES INC		.09/01/2023	Various	258,000	34,719		5,451	36,350	(30,899)			(30,899)		5,452		29,360	29,360		155
91544A-10-9	UPLAND SOFTWARE INC		.06/23/2023	Various	660,000	2,132		18,865	4,706	14,159			14,159		18,866		(16,786)	(16,786)		
91688R-10-8	UR-ENERGY INC		.06/23/2023	Various	3,976,000	4,016		5,765	4,573	1,192			1,192		5,765		(1,754)	(1,754)		
917286-20-5	URSTADT BIDDLE PROPERTIES INC		.08/18/2023	Tax Free Exchange	1,188,000	21,765		21,765	22,513	(2,975)			(2,975)		21,765					841
91734E-10-1	USERTESTING INC		.01/12/2023	Corporate Action	1,211,000	9,083		6,563	9,095	(2,532)			(2,532)		6,564		2,528	2,528		
918204-10-8	VF CORP		.08/16/2023	Various	1,503,000	30,700		16,253	41,498	(25,306)			(25,306)		16,253		14,492	14,492		902
91879Q-10-9	VAIL RESORTS INC		.07/21/2023	GUZMAN AND COMPANY	150,000	36,121		2,176	35,752	(33,576)			(33,576)		2,176		34,052	34,052		905
91913Y-10-0	VALERO ENERGY CORP		.12/15/2023	Various	1,940,000	237,355		19,675	246,108	(226,434)			(226,434)		19,675		218,364	218,364		5,290
92243A-20-0	VAXART INC		.06/23/2023	Various	3,587,000	3,152		29,763	3,447	26,316			26,316		29,764		(26,695)	(26,695)		
922475-10-8	VEEVA SYSTEMS INC		.08/16/2023	Various	361,000	63,943		9,493	58,258	(48,765)			(48,765)		9,493		54,621	54,621		
92259F-10-1	VELODYNE LIDAR INC		.02/14/2023	Tax Free Exchange	1,943,000	21,605		21,605	1,435	20,170			20,170		21,605					
92276F-10-0	VENTAS INC		.06/23/2023	Various	625,000	27,795		17,384	28,156	(24,037)			(24,037)		17,384		10,444	10,444		563
92337R-10-1	VERA THERAPEUTICS INC		.08/16/2023	Various	374,000	6,431		5,311	7,236	(1,925)			(1,925)		5,310		1,124	1,124		
92343E-10-2	VERISIGN INC		.08/16/2023	Various	311,000	62,391		6,022	63,892	(57,870)			(57,870)		6,023		56,546	56,546		
92343V-10-4	VERIZON COMMUNICATIONS		.10/10/2023	Various	7,608,000	261,795		281,944	299,755	(17,069)			(17,069)		281,944		(20,212)	(20,212)		13,950

E14.30

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	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 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 Con- tractual Maturity Date
923454-10-2	VERITIV CORPORATION		11/30/2023	Various	419,000	71,055		13,120	50,997	(37,752)			(37,752)		13,120		58,117	58,117		792
92345Y-10-6	VERISK ANALYTICS		09/01/2023	Various	614,000	130,251		19,708	108,321	(88,613)			(88,613)		19,707		110,890	110,890		288
92347M-10-0	VERITONE INC		08/10/2023	Various	765,000	2,048		13,127	4,055	9,072			9,072		13,128		111,761	(11,114)		
92532F-10-0	VERTEX PHARMACEUTICALS INC		10/10/2023	Various	485,000	165,293		10,020	140,058	(130,038)			(130,038)		10,020		155,716	155,716		
92536C-10-3	VERU INC		06/23/2023	Various	1,597,000	1,805		14,068	8,432	5,636			5,636		14,068		(12,302)	(12,302)		
92556D-10-6	VIA RENEWABLES INC		03/22/2023	Tax Free Exchange	1,417,000	13,571		13,571	7,241	6,330			6,330		13,571					257
92556V-10-6	VIATRIS INC		08/16/2023	Various	2,689,000	30,106		41,384	29,929	768			768		41,384		(11,313)	(11,313)		645
92561V-10-9	VICARIOUS SURGICAL INC		11/15/2023	Various	1,334,000	346		4,842	2,695	2,147			2,147		4,842		(4,510)	(4,510)		
925652-10-9	VICI PROPERTIES INC		08/16/2023	Various	2,162,000	68,060		41,986	70,049	(29,162)			(29,162)		41,986		26,156	26,156		1,772
926400-10-2	VICTORIAS SECRET & COMPANY		07/21/2023	Various	1,785,000	34,925		27,571	63,867	(36,297)			(36,297)		27,571		7,377	7,377		
92671V-10-6	VIEW INC		04/20/2023	Various	3,837,000	1,325		7,252	3,702	3,550			3,550		7,252		(5,946)	(5,946)		
92672L-10-7	VIEWRAY INC		06/07/2023	Various	3,908,000	2,400		28,779	17,508	11,271			11,271		28,779		(26,462)	(26,462)		
927330-10-0	VINCO VENTURES INC		05/02/2023	Various	4,902,000	790		6,835	2,274	6,110			6,110		6,835		(6,064)	(6,064)		
92747V-10-6	VINTAGE WINE ESTATES INC		05/17/2023	Various	574,000	660		5,166	1,872	3,294			3,294		5,166		(4,520)	(4,520)		
928254-10-1	VIRTU FINANCIAL INC		09/01/2023	Various	1,852,000	35,003		41,098	37,800	3,298			3,298		41,098		(6,114)	(6,114)		1,333
92826C-83-9	VISA INC		12/15/2023	Various	4,386,000	1,027,181		90,564	911,235	(820,671)			(820,671)		90,564		939,560	939,560		4,339
92840H-20-2	VISTAGEN THERAPEUTICS INC		02/10/2023	Various	5,638,000	1,015		14,940	581	14,359			14,359		14,940		(13,969)	(13,969)		
928542-10-9	VIVINT SMART HOME INC		03/10/2023	Corporate Action	2,671,000	32,052		43,059	31,785	11,274			11,274		43,059		(11,042)	(11,042)		
928563-40-2	VMWARE INC		10/10/2023	Various	608,000	92,190		41,349	74,638	(133,292)			(133,292)		41,349		51,001	51,001		
928563-40-2	VMWARE INC		10/23/2023	Taxable Exchange	5,195,000	1,025,498		471,142	637,740	(266,601)			(266,601)		471,142		556,098	556,098		
92873V-10-2	VOLTA INC		03/31/2023	Corporate Action	3,415,000	2,937		5,703	1,214	4,489			4,489		5,703		(2,775)	(2,775)		
929160-10-9	VULCAN MATERIALS CO		09/01/2023	Various	353,000	68,359		15,984	61,814	(45,830)			(45,830)		15,984		52,540	52,540		289
92936U-10-9	WPC US EQUITY		10/10/2023	GUZMAN AND COMPANY	523,000	28,083		34,579	40,872	(6,293)			(6,293)		34,579		(6,516)	(6,516)		2,234
92936U-10-9	WPC US EQUITY		11/02/2023	Tax Free Exchange	5,004,000	349,706		349,706	391,062	(41,356)			(41,356)		349,706		34,111	34,111		21,377
92939U-10-6	WEC ENERGY GROUP INC		06/23/2023	Various	442,000	38,854		4,850	41,442	(36,592)			(36,592)		4,850		34,111	34,111		690
92971A-10-9	WM TECHNOLOGY INC		06/23/2023	Various	1,720,000	1,203		7,489	1,737	5,752			5,752		7,489		(6,306)	(6,306)		
929740-10-8	WABTEC CORP		07/21/2023	Various	317,000	35,785		3,317	31,640	(28,323)			(28,323)		3,317		32,570	32,570		108
931142-10-3	WAL-MART STORES INC		10/10/2023	Various	2,936,000	447,271		67,988	416,296	(348,308)			(348,308)		67,989		380,475	380,475		4,616
931427-10-8	WALGREENS BOOTS ALLIANCE		09/01/2023	Various	2,404,000	64,560		44,643	89,814	(45,171)			(45,171)		44,643		19,980	19,980		2,966
934423-10-4	WARNER BROS DISCOVERY INC		06/23/2023	Various	7,217,000	85,093		152,610	68,417	78,955			78,955		152,610		(67,729)	(67,729)		
939653-10-1	WASHINGTON REAL ESTATE INV		09/01/2023	Various	2,256,000	34,404		46,206	40,157	(3,151)			(3,151)		46,207		(11,839)	(11,839)		1,196
94106L-10-9	WASTE MANAGEMENT INC		09/01/2023	Various	1,040,000	168,006		41,332	163,155	(121,823)			(121,823)		41,331		127,072	127,072		966
941848-10-3	WATERS CORP		10/10/2023	GUZMAN AND COMPANY	111,000	29,836		3,939	38,027	(34,088)			(34,088)		3,939		25,978	25,978		
947890-10-9	WEBSTER FINANCIAL CORP		06/23/2023	Various	665,000	24,280		18,743	31,480	(12,741)			(12,741)		18,742		5,554	5,554		532
949746-10-1	WELLS FARGO & CO		10/10/2023	Various	11,624,000	489,366		341,252	479,954	85,532			85,532		341,251		148,579	148,579		8,550
950400-10-4	WELLTOWER INC		10/10/2023	Various	507,000	42,418		15,599	33,234	(20,942)			(20,942)		15,599		26,903	26,903		928
95082P-10-5	WESCO INTERNATIONAL INC		10/10/2023	Various	191,000	28,023		12,341	23,914	(11,558)			(11,558)		12,342		15,731	15,731		215
955306-10-5	WEST PHARMACEUTICAL SERVICES		10/10/2023	Various	174,000	62,124		2,749	40,951	(38,202)			(38,202)		2,749		59,562	59,562		80
957638-10-9	WESTERN ALLIANCE BANCORP		05/04/2023	Various	3,061,000	57,222		47,642	182,313	(134,671)			(134,671)		47,642		9,610	9,610		1,102
959802-10-9	WESTERN UNION COMPANY THE		04/25/2023	Various	3,051,000	32,694		56,272	14,260	42,012			42,012		56,271		(23,652)	(23,652)		717
96145D-10-5	WESTROCK CO		05/31/2023	Various	1,164,000	32,607		37,780	40,927	(34,089)			(34,089)		37,780		(5,189)	(5,189)		640
96208T-10-4	WRIGHT EXPRESS CORP		02/28/2023	Various	172,000	33,167		2,970	28,148	(25,178)			(25,178)		2,970		30,292	30,292		
96209A-10-4	WYWORK INC		03/28/2023	Various	4,115,000	3,173		25,470	19,585	5,885			5,885		25,471		(22,367)	(22,367)		
962166-10-4	WEYERHAEUSER CO		05/31/2023	Various	1,166,000	33,421		18,120	36,146	10,459			10,459		18,120		15,349	15,349		1,271
96328L-10-6	WHEELS UP EXPERIENCE INC		04/04/2023	Various	4,164,000	2,320		9,743	4,289	5,454			5,454		9,743		(7,446)	(7,446)		
96684W-10-0	WHOLE EARTH BRANDS INC		06/23/2023	Various	451,000	1,407		6,097	1,835	4,262			4,262		6,097		(4,705)	(4,705)		
969457-10-0	WILLIAMS COS INC		10/10/2023	Various	2,371,000	76,628		70,031	78,005	(36,419)			(36,419)		70,030		6,618	6,618		2,601
969904-10-1	WILLIAMS-SONOMA INC		10/10/2023	Various	433,000	60,101		9,887	49,761	(39,874)			(39,874)		9,887		50,372	50,372		653
971378-10-4	WILLSCOT MOBILE MINI HOLDING		10/10/2023	GUZMAN AND COMPANY	666,000	28,302		10,123	30,083	(26,479)			(26,479)		10,122		18,236	18,236		

E14.31

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	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 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 Con- tractual Maturity Date
974155-10-3	WINGSTOP INC		.04/25/2023	GUZMAN AND COMPANY	169,000	33,061		4,310	23,258	(20,671)			(20,671)		4,310		28,841	28,841		32
980745-10-3	WOODWARD INC		.07/21/2023	Various	295,000	35,537		1,607	28,500	(26,893)			(26,893)		1,607		34,037	34,037		130
98138H-10-1	WORKDAY INC		.09/01/2023	Various	448,000	97,424		25,162	74,964	(49,802)			(49,802)		25,162		72,489	72,489		
981475-10-6	WORLD FUEL SERVICES CORP		.08/16/2023	Various	1,374,000	29,851		27,484	37,551	(10,067)			(10,067)		27,484		2,374	2,374		577
98156Q-10-8	WORLD WRESTLING ENTERTAINMENT		.09/12/2023	Tax Free Exchange	901,000	14,186		14,186	61,737	(47,551)			(47,551)		14,186					216
981811-10-2	WORTHINGTON INDUSTRIES INC		.12/01/2023	Spin Off	0,000	4,275		4,275	14,434	(10,159)			(10,159)		4,275					
98311A-10-5	WYNDHAM HOTELS & RESORTS INC		.06/23/2023	Various	389,000	25,843		7,589	27,740	(19,781)			(19,781)		7,589		18,311	18,311		272
98313A-10-7	WYNN RESORTS LTD		.02/28/2023	Various	311,000	33,707		12,200	25,649	(13,449)			(13,449)		12,200		21,575	21,575		
98398B-10-0	XCEL ENERGY INC		.10/10/2023	GUZMAN AND COMPANY	737,000	42,787		20,936	51,671	(30,735)			(30,735)		20,936		21,920	21,920		1,509
984017-10-3	XENIA HOTELS & RESORTS INC		.09/01/2023	Various	2,940,000	34,839		66,637	38,749	26,950			26,950		66,637		(31,898)	(31,898)		882
98419M-10-0	XYLEM INC		.09/01/2023	Various	655,000	67,265		7,408	72,388	(64,970)			(64,970)		7,408		60,045	60,045		438
988498-10-1	YUM! BRANDS INC		.08/16/2023	Various	486,000	62,801		3,413	62,246	(58,838)			(58,838)		3,412		59,575	59,575		431
98888T-10-7	ZIMVIE INC		.03/03/2023	Various	635,000	3,839		11,634	5,930	3,671			3,671		11,634		(7,819)	(7,819)		
98954M-10-1	ZILLOW GROUP INC		.04/25/2023	Various	765,000	32,471		24,362	23,876	(9,133)			(9,133)		24,362		8,134	8,134		
98956P-10-2	ZIMMER HOLDINGS INC		.04/25/2023	GUZMAN AND COMPANY	241,000	33,512		4,192	30,727	(26,512)			(26,512)		4,192		29,412	29,412		116
989701-10-7	ZIONS BANCORPORATION		.12/15/2023	BBHSL NOMINEES	850,000	37,264		51,317	41,786	9,531			9,531		51,317		(14,097)	(14,097)		1,394
98978V-10-3	ZIETIS INC		.09/01/2023	Various	1,022,000	178,611		40,161	149,775	(116,541)			(116,541)		40,161		138,885	138,885		834
98980L-10-1	ZOOM VIDEO COMMUNICATIONS		.02/28/2023	Various	444,000	33,122		114,009	30,077	83,932			83,932		114,009		(81,141)	(81,141)		
60176J-10-9	ALLEGION PLC		.04/25/2023	Various	322,000	32,826		7,406	33,893	(26,386)			(26,386)		7,405		25,500	25,500		145
629183-10-3	EATON CORP PLC		.10/10/2023	Various	748,000	154,426		12,375	117,399	(84,752)			(84,752)		12,375		142,497	142,497		1,693
639387-10-8	GLOBALFOUNDRIES INC		.10/10/2023	Various	1,124,000	63,592		67,445	60,573	6,872			6,872		67,445		(3,865)	(3,865)		
67709Q-10-4	ROYALTY PHARMA PLC		.09/01/2023	Various	1,164,000	35,234		48,869	46,001	2,868			2,868		48,869		(13,678)	(13,678)		698
67S00T-10-4	PENTAIR PLC		.09/01/2023	Various	494,000	35,053		9,864	22,221	(12,643)			(12,643)		9,865		25,268	25,268		326
697822-10-3	PERRIGO CO PLC		.07/21/2023	GUZMAN AND COMPANY	1,015,000	35,906		13,260	34,601	123,283			123,283		13,259		22,717	22,717		554
L6673X-10-7	NEOGAMES SA		.06/23/2023	Various	149,000	3,989		9,132	1,817	7,315			7,315		9,132		(5,159)	(5,159)		
00288U-10-6	ABCELLERA BIOLOGICS INC	A.	.06/23/2023	Various	5,613,000	41,033		59,775	56,860	2,915			2,915		59,775		(18,801)	(18,801)		
11275Q-10-7	BROOKFIELD INFRASTRUCTURE CORP	A.	.10/17/2023	Various	1,506,000	62,307		60,072	58,566	1,285			1,285		60,072		2,242	2,242		859
11284V-10-5	BROOKFIELD RENEWABLE CORP	A.	.07/21/2023	Various	1,120,000	36,440		18,836	30,845	(12,009)			(12,009)		18,836		17,659	17,659		699
50202P-10-5	LI CYCLE HOLDINGS CORP	A.	.10/24/2023	Various	3,403,000	4,111		25,079	16,199	8,880			8,880		25,079		(21,034)	(21,034)		
78473Q-10-3	SSR MINING INC	A.	.09/01/2023	Various	2,337,000	34,517		44,027	36,620	7,407			7,407		44,026		(9,540)	(9,540)		491
91822J-10-3	VBI VACCINES INC	A.	.04/05/2023	Various	5,494,000	768		14,214	2,149	12,065			12,065		14,215		(13,488)	(13,488)		
806857-10-8	SCHLUMBERGER LTD	D.	.09/01/2023	Various	2,593,000	133,442		231,231	138,622	92,609			92,609		231,231		(98,096)	(98,096)		1,592
601767-10-5	ALKERMES PLC	D.	.11/16/2023	Spin Off	0,000	6,335		6,335	8,003	(1,408)			(1,408)		6,335					
60250X-10-7	AMCOR PLC	D.	.04/25/2023	GUZMAN AND COMPANY	2,998,000	32,426		28,991	35,707	(6,716)			(6,716)		28,991		3,446	3,446		367
602602-10-3	AMDOCS LTD	C.	.04/25/2023	Various	365,000	32,874		14,322	33,178	(18,856)			(18,856)		14,322		18,610	18,610		303
60403H-10-8	AON PLC	D.	.10/10/2023	Various	588,000	186,630		12,834	176,483	(147,665)			(147,665)		12,834		174,342	174,342		683
60450A-10-5	ARCH CAPITAL GROUP LTD	C.	.08/16/2023	GUZMAN AND COMPANY	460,000	35,395		3,387	28,878	(25,491)			(25,491)		3,387		32,109	32,109		
60464B-10-7	ARGO GROUP INTL HLDGS LTD	C.	.11/16/2023	Various	1,084,000	32,192		28,467	28,021	432			432		28,467		3,737	3,737		
60585R-10-6	ASSURED GUARANTY LTD	C.	.02/28/2023	Various	527,000	32,894		7,212	32,812	(25,600)			(25,600)		7,213		25,763	25,763		
60692U-10-9	AXIS CAPITAL HOLDINGS LTD	C.	.10/10/2023	Various	494,000	27,519		19,508	26,760	(7,252)			(7,252)		19,508		8,036	8,036		869
G1151C-10-1	ACCENTURE PLC	C.	.10/10/2023	Various	1,189,000	360,196		48,199	317,273	(269,074)			(269,074)		48,199		312,977	312,977		3,310
G1468R-17-3	BORR DRILLING LTD	D.	.10/10/2023	Various	3,778,000	26,091		20,967	18,777	2,190			2,190		20,967		5,140	5,140		
G16962-10-5	BUNGE LTD	C.	.11/01/2023	Tax Free Exchange	3,814,000	301,463		301,463	380,523	(79,060)			(79,060)		301,463					7,294
G1890L-10-7	CAPRI HOLDINGS LTD	D.	.02/28/2023	Various	655,000	32,472		40,608	37,545	3,063			3,063		40,608		(8,162)	(8,162)		
G28923-10-3	DIVERSEY HOLDINGS LTD	D.	.07/06/2023	Corporate Action	1,798,000	15,103		16,725	7,659	9,066			9,066		16,724		(1,627)	(1,627)		
G3075P-10-1	ENSTAR GROUP LTD	C.	.08/16/2023	Various	259,000	63,764		34,096	59,839	(25,743)			(25,743)		34,096		29,761	29,761		
G3323L-10-0	FABRINET	D.	.09/01/2023	Various	216,000	34,672		4,714	27,696	(22,982)			(22,982)		4,714		30,052	30,052		
G3682E-19-2	FRONTLINE LTD	D.	.01/03/2023	Tax Free Exchange	3,756,000	26,290		26,290	45,598	(19,308)			(19,308)		26,290					
G3922B-10-7	GENPACT LTD	C.	.02/28/2023	Various	685,000	32,699		10,857	31,729	(20,872)			(20,872)		10,857		21,911	21,911		

E14.32

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	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 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 Con- tractual Maturity Date
646188-10-1	HORIZON THERAPEUTICS PLC	D	10/06/2023	Various	6,213.000	721.358		134.901	707,039	(572,138)			(572,138)		134.901		588,299	588,299		
648833-10-0	WEATHERFORD INTL PLC	D	02/28/2023	Various	485.000	32.314		10.840	24,695	(13,855)			(13,855)		10.839		21,541	21,541		
650871-10-5	JAZZ PHARMACEUTICALS PLC	C	10/10/2023	Various	218.000	28.413		38.911	34,730	4,181			4,181		38.911		(10,531)	(10,531)		
651502-10-5	JOHNSON CONTROLS INTL	D	10/10/2023	Various	1,708.000	103.019		72.706	109,312	(27,909)			(27,909)		72.706		30,408	30,408		1.800
65494J-10-3	LINDE PLC	D	02/28/2023	Various	238.000	82.921		72.165	77,630	(5,465)			(5,465)		72.164		10,790	10,790		
65494J-10-3	LINDE PLC	D	03/01/2023	Tax Free Exchange	13,504.000	4,094,580		4,094,580	4,404,734	(310,154)			(310,154)		4,094,580					
65509L-10-1	LIVANOVA PLC	D	07/21/2023	Various	675.000	35.897		42.197	37,490	4,707			4,707		42.198		(6,320)	(6,320)		
65960L-10-3	MEDTRONIC INC	D	10/10/2023	Various	2,901.000	240,889		225,466	225,466	(8,700)			(8,700)		241,646		241,646	241,646		5.302
66095L-10-9	APTIV PLC	D	04/25/2023	Various	315.000	32,229		23,387	29,335	(6,018)			(6,018)		23,386		8,870	8,870		
66375R-10-7	NATIONAL ENERGY SERVICES	D	04/27/2023	Various	639.000	1,693		9,393	4,434	4,959			4,959		9,392		(7,724)	(7,724)		
665773-10-6	NORDIC AMERICAN TANKER LTD	C	07/21/2023	Various	3,925.000	15,095		105,507	12,010	88,279			88,279		105,507		(90,696)	(90,696)		1.138
68060N-10-2	SENSATA TECHNOLOGIES HOLDING	D	10/10/2023	GUZMAN AND COMPANY	750.000	28,227		30,807	30,286	521			521		30,808		(2,588)	(2,588)		263
68473T-10-0	STERIS PLC	D	07/21/2023	Various	156.000	36,205		12,871	28,811	(15,940)			(15,940)		12,870		23,407	23,407		147
68766E-10-9	TEXTAINER GROUP HOLDINGS LTD	D	10/10/2023	Various	771.000	28,431		23,618	23,908	(366)			(366)		23,618		4,828	4,828		694
68994E-10-3	TRANE TECHNOLOGIES PLC	D	10/10/2023	Various	766.000	148,619		18,005	128,758	(110,815)			(110,815)		18,006		131,024	131,024		983
69078F-10-7	TRITON INTERNATIONAL LTD	D	09/26/2023	Taxable Exchange	1,236.000	101,896		50,254	85,012	(34,684)			(34,684)		50,254		51,804	51,804		2,596
690870-10-2	TRONOX HOLDINGS PCL CLASS A	D	09/01/2023	Various	2,544.000	35,616		60,421	34,879	25,542			25,542		60,421		(24,883)	(24,883)		954
69618E-10-7	WHITE MOUNTAINS INSURANCE GRP	C	07/21/2023	GUZMAN AND COMPANY	23.000	36,340		12,701	32,529	(19,828)			(19,828)		12,701		23,713	23,713		23
696629-10-3	WILLIS TOWERS WATSON PLC	D	09/15/2023	GUZMAN AND COMPANY	172.000	35,271		25,000	42,068	(17,068)			(17,068)		25,000		10,303	10,303		430
H1467J-10-4	CHUBB LTD	D	10/10/2023	Various	829.000	165,327		44,089	182,877	(138,788)			(138,788)		44,089		121,619	121,619		1,910
H2906T-10-9	GARMIN LTD	D	02/28/2023	Various	333.000	32,681		23,580	30,733	(7,153)			(7,153)		23,580		9,130	9,130		
L44385-10-9	GLOBANT SA	D	10/10/2023	Various	143.000	28,512		20,190	24,047	(3,857)			(3,857)		20,190		8,348	8,348		
L8681T-10-2	SPOTIFY TECHNOLOGY SA	D	04/25/2023	Various	253.000	34,963		36,991	19,974	17,017			17,017		36,991		(2,034)	(2,034)		
M20598-10-4	CAESARSTONE LTD	D	06/23/2023	Various	883.000	4,680		30,168	5,042	25,126			25,126		30,168		(25,568)	(25,568)		
M98068-10-5	WIX COM LTD	D	06/23/2023	Various	1,594.000	123,685		483,083	122,467	360,616			360,616		483,083		(360,527)	(360,527)		
N01045-10-8	AFFIMED NV	D	06/23/2023	Various	3,354.000	2,181		23,076	4,159	18,917			18,917		23,076		(20,961)	(20,961)		
N30577-10-5	ERMENEGILDO ZEGNA HOLDITALIA	D	06/23/2023	Various	1,525.000	18,972		17,597	15,966	1,631			1,631		17,597		1,379	1,379		
N72482-12-3	QIAGEN NV	D	08/16/2023	GUZMAN AND COMPANY	685.000	29,596		12,615	34,167	(20,807)			(20,807)		12,616		17,034	17,034		
P31076-10-5	COPA HOLDINGS SA	C	06/23/2023	Various	693.000	76,539		48,283	57,636	(9,353)			(9,353)		48,283		28,345	28,345		1,137
Q6519V-12-0	CENITRO ELECTRIC GROUP LTD	D	06/23/2023	Various	5,376.000	1,611		9,784	2,366	7,418			7,418		9,784		(8,199)	(8,199)		
V7780T-10-3	ROYAL CARIBBEAN CRUISES LTD	C	09/01/2023	Various	351.000	34,292		14,833	17,349	(2,516)			(2,516)		14,832		19,520	19,520		
Y0207T-10-0	ARDMORE SHIPPING CORP	D	08/16/2023	Various	831.000	11,032		5,817	11,974	(6,157)			(6,157)		5,816		5,231	5,231		665
Y7542C-13-0	SCORPIO TANKERS INC	D	08/16/2023	GUZMAN AND COMPANY	594.000	30,392		10,859	31,939	(21,081)			(21,081)		10,859		19,594	19,594		416
5019999999 Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Publicly Traded						113,920,180	XXX	42,091,160	105,326,571	(62,400,181)			(62,400,181)		42,091,149		72,054,680	72,054,680	980,808	XXX
14817C-10-7	CASSAVA SCIENCES INC	D	12/21/2023	Spin Off	0.000	3,887		3,887	1,904	1,983			1,983		3,887					
35180X-10-5	FRANCHISE GROUP INC	D	08/22/2023	Corporate Action	748.000	22,440		18,981	17,817	1,164			1,164		18,981		3,470	3,470		935
45174J-50-9	THEARTMEDIA INC CLASS A	D	05/09/2023	Various	3,188.000	9,316		53,274	19,542	33,732			33,732		53,274		(44,096)	(44,096)		
70788V-10-2	PENN VIRGINIA CORP	D	06/16/2023	Various	544.000	20,384		17,951	21,993	(4,042)			(4,042)		17,950		2,442	2,442		82
743CVR-03-7	PROGENICS PHARMACEUTICALS INC	D	05/23/2023	Corporate Action	2,427.000	2,791		2,791							2,800		2,800	2,800		
89832Q-10-9	TRUIST FINANCIAL CORP	D	09/01/2023	Various	3,199.000	96,996		48,163	137,653	(89,490)			(89,490)		48,163		48,986	48,986		3,918
92840M-10-2	VISTRA ENERGY CORP	D	10/10/2023	Various	2,350.000	60,573		39,359	54,520	(15,161)			(15,161)		39,359		21,281	21,281		535
66987E-20-6	NOVAGOLD RESOURCES INC	A	07/21/2023	Various	7,954.000	35,125		47,005	47,565	(560)			(560)		47,005		(11,917)	(11,917)		
681276-10-0	SIGNET JEWELERS LTD	D	07/21/2023	GUZMAN AND COMPANY	487.000	35,321		24,410	33,116	(8,706)			(8,706)		24,412		10,943	10,943		196
5029999999 Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Other						286,833	XXX	253,030	334,110	(81,080)			(81,080)		253,031		33,909	33,909	5,666	XXX
022865-40-6	AMANA INCOME FUND INST	D	02/08/2023	Various	0.000	16		16	15						15		1	1		
025076-35-7	AMERICAN CENTURY MDCPIA FD CLA R6	D	12/29/2023	Various	736,369.000	11,369,365		13,563,168	11,369,537	2,193,631			2,193,631		13,563,168		(2,193,803)	(2,193,803)		93,924
091936-28-6	BLACKROCK I SHARES RUSSELL MIDCAP INDX K	D	12/28/2023	Various	29.000	359		429	347	82			82		429		(70)	(70)		2
24610B-81-8	DELAWARE SMCP VAL R6	D	12/29/2023	Various	22,322.000	1,520,576		1,681,791	1,531,055	150,735			150,735		1,681,790		(161,214)	(161,214)		41,308

E14.33

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	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 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 Con- tractual Maturity Date
46636U-87-6	JP Morgan EQUITY INC FD CLA R6		12/29/2023	Various	485,000	10,377		11,085	10,949	136			136		11,085		(708)	(708)		202
552743-54-4	MFS INTL DIVERSIFICATION CL R6		12/26/2023	Various	80,009,000	1,752,321		1,673,462	1,619,391	54,071			54,071		1,673,462		78,859	78,859		
552987-55-4	MFS MID CAP GROWTH FUND R6		12/29/2023	Various	138,761,000	3,673,605		3,985,077	3,337,210	647,868			647,868		3,985,078		(311,473)	(311,473)		
648018-81-0	AMERICAN FUNDS NEW PERSPECTIVE R6		12/29/2023	Various	179,000	8,982		12,018	8,467	3,551			3,551		12,018		(3,036)	(3,036)		1
74440B-88-4	PRUDENTIAL TOTAL RETURN BOND Q		07/27/2023	Various	30,327,000	361,590		360,270	356,039	4,231			4,231		360,270		1,320	1,320		4,832
87245M-17-8	LFCYLE IDX 2055-INST		12/28/2023	Various	1,000			12	12						12		7	7		
87245M-75-6	LFCYLE IDX 2045-INST		12/28/2023	Various	4,000	105		93	92	1			1		93		12	12		
87245M-76-4	LFCYLE IDX 2040-INST		12/28/2023	Various	1,000	35		27	27						27		8	8		
87245M-77-2	LFCYLE IDX 2035-INST		12/28/2023	Various	6,000	136		124	122	2			2		124		12	12		
87245M-78-0	LFCYLE IDX 2030-INST		12/28/2023	Various	1,000	27		24	24						24		3	3		
87245R-38-3	TIAA CREF SC LOW CRBN EQ-INST		12/29/2023	Various	516,345,000	9,308,180		10,439,905	8,550,680	1,889,225			1,889,225		10,439,905		(1,131,725)	(1,131,725)		9,391
87245R-47-4	TIAA CREF SC INTL EQ-INST		12/29/2023	Various	849,304,000	10,222,301		11,440,731	9,503,713	1,937,017			1,937,017		11,440,730		(1,218,429)	(1,218,429)		14,543
87245R-67-2	TIAA CREF CORE IMPACT BOND INSTL		12/26/2023	Various	108,652,000	951,864		1,140,385	959,395	180,990			180,990		1,140,385		(188,521)	(188,521)		19,079
921910-71-7	Vanguard FTSE SOCIAL INDEX ADM		12/28/2023	Various	25,705,000	1,016,347		1,132,050	893,237	238,812			238,812		1,132,049		(115,702)	(115,702)		3,843
00766Y-51-3	Champlain Mid Cap Institutional American Beacon Bridgeway Lg Cap Grth Instl R6		12/29/2023	Various	402,354,000	8,900,215		7,916,897	8,421,269	(504,372)			(504,372)		7,916,897		983,318	983,318		1,422
024526-43-6	Ariel Appreciation Institutional		12/29/2023	Various	56,018,000	1,471,239		2,057,774	1,321,465	736,308			736,308		2,057,773		(586,474)	(586,474)		2
040337-83-4	DELAWARE DFA Emerging Markets Port Inst		12/29/2023	Various	2,688,000	102,239		119,983	101,933	18,051			18,051		119,984		(17,745)	(17,745)		371
233203-78-5	Delaware Emerging Markets R6		12/28/2023	Various	471,838,000	12,571,026		12,082,781	11,895,037	187,744			187,744		12,082,781		488,245	488,245		109,015
245914-51-0	Dodge & Cox Int'l Stock Fund		12/29/2023	Various	320,048,000	5,833,411		5,759,862	5,463,225	296,637			296,637		5,759,862		73,549	73,549		1,565
256206-10-3	AF EuroPacific Growth Fd R6		12/29/2023	Various	233,490,000	10,922,562		9,620,499	10,065,768	(445,269)			(445,269)		9,620,499		1,302,063	1,302,063		6,395
298706-82-1	TRPrice Large Cap Growth Fund		12/29/2023	Various	965,662,000	51,245,429		45,379,485	47,346,428	(1,966,943)			(1,966,943)		45,379,485		5,865,944	5,865,944		175,714
45775L-40-8	JP MORGAN LARGE CAP GROWTH R6		12/27/2023	Various	108,680,000	6,390,441		5,635,908	5,099,268	536,639			536,639		5,635,907		754,534	754,534		1,505
48121L-84-1	JP Morgan Small Cap Value R6		12/26/2023	Various	58,250,000	1,440,284		1,455,550	1,413,155	42,395			42,395		1,455,550		(15,266)	(15,266)		9,861
52107V-50-0	Lazard International Equity R6		12/29/2023	Various	241,550,000	3,798,135		4,153,025	3,473,489	679,536			679,536		4,153,025		(354,890)	(354,890)		3,159
54401E-72-1	Lord Abbett High Yield R6		12/29/2023	Various	680,176,000	4,197,192		5,003,161	4,176,284	826,878			826,878		5,003,162		(805,970)	(805,970)		151,476
55273W-47-5	Nationwide Geneva Sm Cap Growth Inst		12/29/2023	Various	43,001,000	3,171,618		2,723,131	2,875,080	(151,949)			(151,949)		2,723,131		448,487	448,487		540
63868B-66-6	NUVEEN WINSLOW LARGE-CAP GROWTH ESS R		01/18/2023	Various	0,000															
670725-37-3	Parnassus Mid Cap Growth		12/29/2023	Various	2,577,000	124,611		158,429	109,303	49,125			49,125		158,428		(33,817)	(33,817)		372
701765-30-7	Parnassus VALUE EQUITY FUND INST		03/17/2023	Various	3,421,000	159,636		155,190	155,172	18			18		155,190		4,446	4,446		
701769-40-8	PARNASSUS CORE EQUITY FUND INST		04/24/2023	Various	490,000	23,037		23,044	23,044	(8)			(8)		23,036		1,083	1,083		20
87244W-10-2	TIAA-CREF Intl Equity Inst		12/29/2023	Various	1,754,369,000	21,803,499		18,702,185	20,052,436	(1,350,252)			(1,350,252)		18,702,184		3,101,315	3,101,315		39,625
87244W-30-0	TIAA-CREF Soc Choice Eq Inst		12/28/2023	Various	2,303,940,000	55,852,747		42,208,504	51,285,709	(9,077,205)			(9,077,205)		42,208,504		13,644,243	13,644,243		208,728
87244W-33-4	TIAA-CREF Lrge Cap Grwth Inst		12/29/2023	Various	941,427,000	18,849,897		20,060,008	15,156,980	4,903,028			4,903,028		20,060,008		(1,210,111)	(1,210,111)		1,230
87244W-40-9	TIAA-CREF Growth & Inc Inst		12/29/2023	Various	2,112,675,000	29,654,256		25,424,894	25,943,649	(518,755)			(518,755)		25,424,894		4,229,362	4,229,362		436,445
87244W-48-2	TIAA-Cref Inflation Lnkd Bd Fd		12/29/2023	Various	84,124,000	878,485		952,004	874,892	77,112			77,112		952,004		(73,519)	(73,519)		10,627
87244W-50-8	TIAA-CREF Equity Index Inst		12/29/2023	Various	1,355,445,000	40,959,329		22,470,064	36,800,330	(14,330,266)			(14,330,266)		22,470,064		18,489,265	18,489,265		37,022
87244W-51-6	TIAA-CREF Intl Eqty Indx Inst		12/29/2023	Various	1,979,551,000	41,582,116		37,832,316	37,809,414	22,901			22,901		37,832,315		3,749,801	3,749,801		101,437
87244W-57-3	TIAA-CREF Sm-Cap Blind In Inst		12/29/2023	Various	2,427,104,000	50,999,520		45,257,775	48,663,442	(3,405,667)			(3,405,667)		45,257,775		5,741,745	5,741,745		85,086
87244W-60-7	TIAA-CREF Bond Fund Inst		12/29/2023	Various	395,364,000	3,551,811		4,102,535	3,550,373	552,162			552,162		4,102,535		(550,724)	(550,724)		73,171
87244W-66-4	TIAA-CREF Lg-Cap Val Idx Inst		12/29/2023	Various	1,708,349,000	38,252,150		30,570,111	37,122,432	(6,552,321)			(6,552,321)		30,570,111		7,682,039	7,682,039		69,713
87244W-68-0	TIAA-CREF Lg-Cap Grw Idx Inst		12/29/2023	Various	1,017,624,000	45,458,711		25,423,034	37,713,128	(12,290,094)			(12,290,094)		25,423,034		20,035,677	20,035,677		103,638
87244W-70-6	TIAA-CREF Money Mkt Inst		12/29/2023	Various	31,405,187,000	31,405,187		31,405,187	31,405,187						31,405,187					769,525
87244W-71-4	TIAA-CREF S&P 500 Index Inst		12/29/2023	Various	1,061,604,000	50,141,596		24,729,985	44,449,351	(19,719,366)			(19,719,366)		24,729,985		25,411,611	25,411,611		64,741
87244W-73-0	TIAA-CREF Lge Cap Value Inst		12/29/2023	Various	1,564,351,000	30,743,852		27,336,213	29,785,241	(2,449,029)			(2,449,029)		27,336,212		3,407,640	3,407,640		45,377
87244W-79-7	TIAA-CREF Real Estat Sec Inst		12/29/2023	Various	1,647,992,000	26,755,603		24,579,314	26,664,504	(2,085,191)			(2,085,191)		24,579,313		2,176,290	2,176,290		327,606
87244W-80-5	TIAA-CREF Mid-Cap Growth Inst		12/29/2023	Various	1,585,361,000	28,978,246		31,606,173	26,163,918	5,442,255			5,442,255		31,606,173		(2,627,927)	(2,627,927)		4,588

E14.34

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 4

Showing All Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										11	12	13	14	15						
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Con- sideration	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 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
87244W-83-9	TIAA-CREF Small-Cap Eq Inst		12/29/2023	Various	1,121,010.000	18,008,907		18,345,297	16,983,295	1,362,002			1,362,002		18,345,297		(336,390)	(336,390)	18,063	
87244W-86-2	TIAA-CREF Mid-Cap Value Inst		12/29/2023	Various	2,230,413.000	34,238,417		49,093,957	33,523,108	15,570,849			15,570,849		49,093,957		(14,855,540)	(14,855,540)	64,968	
87245M-21-0	TIAA-CREF Lifecycle 2055 Inst		12/27/2023	Various	589,662.000	8,526,021		8,278,727	7,830,709	448,018			448,018		8,278,727		247,294	247,294	1,725	
87245M-22-8	TIAA-CREF Eng Mkt Equ Idx Inst		12/29/2023	Various	2,075,844.000	21,258,941		22,753,563	20,364,028	2,389,535			2,389,535		22,753,563		(1,494,622)	(1,494,622)	27,216	
87245M-26-9	TIAA-CREF Eng Mkts Equity Inst		12/29/2023	Various	376,679.000	2,920,329		4,539,669	2,730,922	1,808,747			1,808,747		4,539,669		(1,619,340)	(1,619,340)	5,735	
87245M-84-8	TIAA-CREF Bond Index Fund		12/29/2023	Various	1,607,790.000	15,268,739		16,975,490	15,177,444	1,798,046			1,798,046		16,975,490		(1,706,751)	(1,706,751)	209,867	
87249N-88-3	FUND INST		03/06/2023	Various	2.000	16		16	16						16					
87283A-10-2	T Rowe Price QM US Small Cap Growth Equity		12/27/2023	Various	38,631.000	1,491,134		1,546,376	1,349,392	196,984			196,984		1,546,376		(55,242)	(55,242)	3,145	
880208-77-2	Templeton Global Bond R6		12/29/2023	Various	292,697.000	2,242,570		3,210,091	2,297,672	912,419			912,419		3,210,091		(967,521)	(967,521)	40,886	
886315-50-6	TIAA-CREF Bond Plus II Inst		12/29/2023	Various	2,105,398.000	18,925,582		21,974,218	18,906,471	3,067,747			3,067,747		21,974,218		(3,048,636)	(3,048,636)	429,024	
886315-56-3	TIAA-CREF Lifecycle Ret Inc Inst		12/29/2023	Various	792,736.000	8,297,193		9,107,550	8,022,488	1,085,062			1,085,062		9,107,550		(810,357)	(810,357)	82,496	
886315-57-1	TIAA-CREF Lifecycle 2050 Inst		12/29/2023	Various	1,927,813.000	23,635,541		19,874,326	21,649,344	(1,775,017)			(1,775,017)		19,874,327		3,761,214	3,761,214	6,747	
886315-58-9	TIAA-CREF Lifecycle 2045 Inst		12/29/2023	Various	2,246,978.000	26,782,045		23,528,409	24,671,814	(1,143,405)			(1,143,405)		23,528,409		3,253,636	3,253,636	9,898	
886315-59-7	TIAA-CREF Lifecycle 2040 Inst		12/29/2023	Various	3,933,364.000	37,398,904		42,326,668	34,652,936	7,673,731			7,673,731		42,326,667		(4,326,667)	(4,326,667)	27,642	
886315-61-3	TIAA-CREF Lifecycle 2035 Inst		12/29/2023	Various	3,746,657.000	35,523,743		40,298,856	33,195,378	7,103,478			7,103,478		40,298,856		(4,775,113)	(4,775,113)	54,881	
886315-62-1	TIAA-CREF Lifecycle 2030 Inst		12/29/2023	Various	4,195,809.000	39,343,289		42,687,566	36,797,243	5,890,323			5,890,323		42,687,566		(3,344,277)	(3,344,277)	69,242	
886315-63-9	TIAA-CREF Lifecycle 2025 Inst		12/29/2023	Various	6,880,509.000	63,269,745		68,659,152	59,929,233	8,729,919			8,729,919		68,659,152		(5,389,407)	(5,389,407)	94,754	
886315-64-7	TIAA-CREF Lifecycle 2020 Inst		12/29/2023	Various	5,826,454.000	51,523,624		56,753,330	49,117,010	7,636,320			7,636,320		56,753,330		(5,229,706)	(5,229,706)	32,602	
886315-65-4	TIAA-CREF Lifecycle 2015 Inst		12/29/2023	Various	2,299,306.000	19,680,339		22,267,799	18,831,319	3,436,480			3,436,480		22,267,799		(2,587,460)	(2,587,460)	34,592	
886315-66-2	TIAA-CREF Lifecycle 2010 Inst		12/29/2023	Various	1,632,505.000	15,680,084		18,563,451	14,986,397	3,577,053			3,577,053		18,563,450		(2,883,366)	(2,883,366)	22,754	
886315-79-5	TIAA-CREF High Yield II Inst		12/29/2023	Various	1,208,220.000	10,047,042		11,816,090	9,895,318	1,920,773			1,920,773		11,816,091		(1,769,049)	(1,769,049)	351,376	
886315-80-3	TIAA-CREF Shrt Trm Bd II Inst		12/29/2023	Various	1,190,859.000	11,738,515		12,315,832	11,694,240	621,592			621,592		12,315,832		(577,317)	(577,317)	192,974	
921921-30-0	Vanguard Equity Income Admiral		12/29/2023	Various	194,675.000	16,257,323		14,049,723	16,475,377	(2,425,654)			(2,425,654)		14,049,723		2,207,600	2,207,600	325,882	
921926-20-0	Vanguard Vanguard Explorer Fund		12/29/2023	Various	440,438.000	41,229,064		40,630,051	38,265,296	2,364,754			2,364,754		40,630,050		599,014	599,014	11,733	
921932-10-9	VANGUARD TREASURY MM INV		06/01/2023	Various	2,535,443.000	2,535,443		2,535,443	2,535,443						2,535,443				21,386	
921935-20-1	Vanguard Wellington Fund		12/29/2023	Various	1,167,806.000	78,141,541		81,157,679	77,460,546	3,697,133			3,697,133		81,157,679		(3,016,138)	(3,016,138)	818,874	
921937-50-4	Vanguard Total Bond Mkt Index Inst		12/26/2023	Various	405,760.000	3,846,885		4,256,531	3,846,603	409,928			409,928		4,256,531		(409,646)	(409,646)	63,179	
921946-10-9	Vanguard Selected Value Fund		12/29/2023	Various	458,042.000	12,492,757		13,378,613	11,441,878	1,936,735			1,936,735		13,378,613		(885,856)	(885,856)	59,088	
922031-82-8	Vanguard Intermediate Term Treasury Fd		12/29/2023	Various	286,349.000	2,813,130		3,355,124	2,846,307	508,817			508,817		3,355,124		(541,994)	(541,994)	57,829	
922042-60-1	Vanguard Emerging Market Stock Index Fd		12/29/2023	Various	30,025.000	767,318		782,240	740,116	42,125			42,125		782,241		(14,923)	(14,923)	5,291	
922908-37-1	VANGUARD Extended Market Indx Inst Plus		12/29/2023	Various	59,936.000	15,872,550		14,713,178	14,915,162	(201,983)			(201,983)		14,713,179		1,159,371	1,159,371	68,846	
922908-78-5	Vanguard Small Cap Value Index Fund		12/29/2023	Various	1,365,284.000	53,451,781		36,165,275	52,085,602	(15,920,326)			(15,920,326)		36,165,276		17,286,505	17,286,505	432,493	
939330-81-7	AF Wash Mutual Investors R6		12/29/2023	Various	863,085.000	46,311,377		37,079,441	44,889,075	(7,809,633)			(7,809,633)		37,079,442		9,231,935	9,231,935	956,388	
957663-66-9	LM WstrnAsst Core Plus Bond S		12/29/2023	Various	3,403,666.000	31,886,723		39,461,270	31,858,311	7,602,960			7,602,960		39,461,271		(7,574,548)	(7,574,548)	576,498	
87245R-57-3	TIAA CREF Lifecycle 2060 Fund Inst		12/29/2023	Various	288,851.000	3,601,788		3,267,482	3,307,345	(39,862)			(39,862)		3,267,483		334,305	334,305	2,963	
87249N-76-8	TIAA CREF LFCYCLE 2065-INST		12/08/2023	Various	93,041.000	997,077		1,000,674	917,385	83,290			83,290		1,000,675		(3,598)	(3,598)		
92203J-20-9	VANGUARD TOT INT BND INDX INST		12/29/2023	Various	236,449.000	6,887,217		6,760,931	6,719,896	40,196			40,196		6,760,932		127,125	127,125	59,447	
922040-20-9	Vanguard INST IDX INST PLUS		12/28/2023	Various	23,487.000	8,167,812		7,628,481	7,553,760	74,722			74,722		7,628,482		539,330	539,330	50,704	
5329999999	Subtotal - Common Stocks - Mutual Funds - Designations Not Assigned by the SVO					1,494,734,092	XXX	1,408,689,847	1,402,397,424	6,292,424			6,292,424		1,408,689,848		86,044,244	86,044,244	8,386,443	XXX
5989999997	Total - Common Stocks - Part 4					1,608,941,105	XXX	1,451,034,037	1,508,058,105	(56,188,837)			(56,188,837)		1,451,034,028		158,132,833	158,132,833	9,372,917	XXX
5989999998	Total - Common Stocks - Part 5					13,728,876	XXX	13,432,954	14,434						13,432,957		295,919	295,919	209,190	XXX
5989999999	Total - Common Stocks					1,622,669,981	XXX	1,464,466,991	1,508,072,539	(56,188,837)			(56,188,837)		1,464,466,985		158,428,752	158,428,752	9,582,107	XXX
5999999999	Total - Preferred and Common Stocks					1,622,669,981	XXX	1,464,466,991	1,508,072,539	(56,188,837)			(56,188,837)		1,464,466,985		158,428,752	158,428,752	9,582,107	XXX
6009999999	Totals					3,036,198,290	XXX	2,886,485,331	2,874,477,504	(37,789,853)	(329,537)		(38,119,390)		2,881,470,027		120,546,270	120,546,270	20,230,496	XXX

E14.35

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 5

Showing All Long-Term Bonds and Stocks ACQUIRED During Year and Fully DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	11	Change in Book/Adjusted Carrying Value					17	18	19	20	21	
											12	13	14	15	16						
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Disposal Date	Name of Purchaser	Par Value (Bonds) or Number of Shares (Stock)	Actual Cost	Consideration	Book/ Adjusted Carrying Value at Disposal	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Valu (12 + 13 - 14)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Interest and Dividends Received During Year	Paid for Accrued Interest and Dividends	
43283B-AA-1	HILTON GRAND VACATIONS TRUST SERIES 2022-1D CLASS A 144A 3.610% 06/20/34		04/20/2023	BNP PARIBAS	12/20/2023	Paydown	39,260	37,594	39,260	39,260		1,665		1,665					528	16	
55400W-AA-7	MVW OWNER TRUST SERIES 2023-2A CLASS A 144A 6.180% 11/20/40		11/07/2023	SMBC NIKKO SECURITIES AMERICA	12/20/2023	Paydown	124,140	124,115	124,140	124,140		25		25					725		
62848P-AA-8	MVW OWNER TRUST SERIES 2023-1A CLASS A 144A 4.930% 10/20/40		04/04/2023	WELLS FARGO	12/20/2023	Paydown	1,625,634	1,625,575	1,625,634	1,625,634		59		59					33,217		
82650B-AA-4	SIERRA RECEIVABLES FUNDING CO SERIES 2023-2A CLASS A 144A 5.800% 04/20/40		07/11/2023	DEUTSCHE BANK SECURITIES INCOR	12/20/2023	Paydown	824,488	824,477	824,488	824,488		11		11					11,212		
86746B-AA-1	SUNNOVA HESTIA I ISSUER LLC SERIES 2023-GRID1 CLASS 1A 144 5.750% 12/20/50		10/18/2023	SMBC NIKKO SECURITIES AMERICA	12/20/2023	Paydown	39,917	38,933	39,917	39,917		984		984					268		
88033G-DD-9	TENET HEALTHCARE CORP 4.625% 09/01/24		01/20/2023	Tax Free Exchange	05/17/2023	Call	101,1560	2,000,000	2,010,933	2,023,120		(5,709)		(5,709)			(5,225)	(5,225)	88,898	35,715	
1109999999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)							4,653,439	4,661,627	4,676,559	4,658,664		(2,965)		(2,965)			(5,225)	(5,225)	134,848	35,731	
05400K-AJ-9	AVOLON TLB BORROWER 1 US LLC TERM B 06/22/28		06/22/2023	Tax Free Exchange	09/29/2023	Redemption	100,0000	952	952	952									8		
98310C-AE-2	WYNDHAM HOTELS & RESORTS Inc TERM B 05/25/30		05/25/2023	Tax Free Exchange	12/29/2023	Redemption	100,0000	13,169	13,099	13,169		70		70					522		
BL4122-52-1	INEOS UD FINANCE LLC TERM B 02/09/30		02/16/2023	Tax Free Exchange	12/29/2023	Redemption	100,0000	7,124	7,134	7,124		(10)		(10)					100		
1909999999. Subtotal - Bonds - Unaffiliated Bank Loans							21,245	21,185	21,245	21,245		60		60						630	
2509999998. Total - Bonds							4,674,684	4,682,812	4,697,804	4,679,909		(2,905)		(2,905)			(5,225)	(5,225)	135,478	35,731	
4509999998. Total - Preferred Stocks																					
019818-10-3	ALLOVIR INC		12/15/2023	BBHISL NOMINEES	12/26/2023	Various	14,874,000	35,251	11,442	35,251							(23,809)	(23,809)			
042315-70-5	ARMOUR RESIDENTIAL REIT INC		10/02/2023	Tax Free Exchange	10/12/2023	Direct	1,000	160	11	160							(149)	(149)			
047726-30-2	ATLANTA BRAVES HOLDINGS INC		07/19/2023	Tax Free Exchange	08/02/2023	Direct	1,000	42	6	42							36	36			
05358F-10-5	AVEANNA HEALTHCARE HOLDINGS		06/23/2023	Various	12/15/2023	BBHISL NOMINEES	15,547,000	28,760	36,846	28,760							8,086	8,086			
12674W-10-9	CABALETTA BIO INC		06/23/2023	Various	10/10/2023	Various	1,697,000	21,398	27,993	21,397							6,596	6,596			
13123X-50-8	CALLON PETROLEUM CO		06/23/2023	Various	08/16/2023	GUZMAN AND COMPANY	597,000	19,109	21,113	19,108							2,005	2,005			
14574X-10-4	CARROLS RESTAURANT GROUP INC		06/23/2023	Various	08/16/2023	Various	4,135,000	19,062	30,127	19,062							11,065	11,065			
146869-10-2	CARYANA CO		06/23/2023	Various	10/10/2023	Various	721,000	15,437	28,145	15,437							12,708	12,708			
21077F-10-0	CONTANGO ORE INC		09/15/2023	Various	10/10/2023	Various	1,728,000	33,617	32,613	33,616							(1,003)	(1,003)			
21867A-10-5	CORE LABORATORIES INC		06/23/2023	Various	10/10/2023	Various	1,183,000	27,113	28,032	27,113							919	919	12		
22266T-10-9	COUPANG INC		06/23/2023	Various	08/16/2023	GUZMAN AND COMPANY	1,585,000	26,309	29,316	26,309							3,007	3,007			
235851-10-2	DANAHER CORP		06/23/2023	Various	10/02/2023	Spin Off	0,000	5,242	5,242	5,242											
26916J-10-6	ESS TECH INC		06/23/2023	Various	07/21/2023	Various	17,520,000	23,300	31,466	23,300							8,166	8,166			
278700-10-9	EBET INC		08/08/2023	Tax Free Exchange	08/08/2023	Various	258,000	8,371	713	8,370							(7,657)	(7,657)			
29082K-10-5	EMBECTA CORP		09/15/2023	Various	10/10/2023	Various	1,793,000	29,215	26,906	29,216							(2,310)	(2,310)			
29280W-10-9	ENERGY VAULT HOLDINGS INC		06/23/2023	Various	08/16/2023	Various	8,909,000	21,381	27,137	21,381							5,756	5,756			
29415C-10-1	EOS ENERGY ENTERPRISES INC		06/23/2023	Various	12/18/2023	Various	7,669,000	26,917	8,501	26,917							(18,416)	(18,416)			
30233G-20-9	EYEPOINT PHARMACEUTICALS INC		06/23/2023	Various	07/21/2023	Various	2,934,000	19,862	33,465	19,862							13,603	13,603			
320817-10-9	FIRST MERCHANTS CORP		09/15/2023	Various	10/10/2023	Various	585,000	16,950	16,454	16,950							(496)	(496)			
34417J-10-4	FOCUS UNIVERSAL INC		03/24/2023	Stock Dividend	06/23/2023	Various	214,000														
34629L-10-3	FORGE GLOBAL HOLDINGS INC		06/23/2023	Various	08/16/2023	Various	11,539,000	26,077	28,571	26,077							2,494	2,494			
36266G-10-7	GE HEALTHCARE TECHNOLOGY		01/04/2023	Spin Off	10/10/2023	Various	413,000	44,334	28,183	44,335							(16,152)	(16,152)	25		
36870H-10-3	GENELUX CORP		09/15/2023	Various	10/10/2023	Various	1,177,000	26,617	25,924	26,616							(692)	(692)			
374396-40-6	GEVO INC		06/23/2023	Various	07/21/2023	Various	15,054,000	20,020	24,929	20,020							4,909	4,909			
39868T-10-5	GRITSTONE ONCOLOGY INC		06/23/2023	Various	10/10/2023	Various	9,860,000	22,677	28,061	22,677							5,384	5,384			
403949-10-0	HF SINCLAIR CORP		01/09/2023	Various	02/28/2023	Various	641,000		31,874								31,874	31,874	667		
44952J-10-4	CRESCENT ENERGY COMPANY		06/23/2023	Various	07/21/2023	Various	2,433,000	24,183	27,459	24,183							3,276	3,276			

E15

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 5

Showing All Long-Term Bonds and Stocks ACQUIRED During Year and Fully DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	11	Change in Book/Adjusted Carrying Value					17	18	19	20	21		
											12	13	14	15	16							
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Disposal Date	Name of Purchaser	Par Value (Bonds) or Number of Shares (Stock)	Actual Cost	Consideration	Book/ Adjusted Carrying Value at Disposal	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Valu (12 + 13 - 14)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Interest and Dividends Received During Year	Paid for Accrued Interest and Dividends		
46583P-10-2	IVERIC B10 INC		06/23/2023	Various	07/12/2023	Corporate Action	743,000	28,871	29,720	28,871							849	849				
48253L-20-5	KLX ENERGY SERVICES HOLDING		06/23/2023	Various	08/16/2023	Various	2,660,000	23,965	28,079	23,966							4,113	4,113				
49177J-10-2	KENVUE INC		08/18/2023	Tax Free Exchange	09/06/2023	Direct	0.000		11								9	9				
53115L-10-4	LIBERTY ENERGY INC		06/23/2023	Various	09/01/2023	Direct	167,000	2,084	2,757	2,084							673	673				
531229-72-2	LIBERTY MEDIA CORP		08/04/2023	Tax Free Exchange	08/17/2023	Direct	0.000		9								5	5				
531229-74-8	LIBERTY MEDIA CORP		08/04/2023	Tax Free Exchange	08/17/2023	Direct	1,000		46								46	46				
531229-75-5	LIBERTY MEDIA CORP		08/04/2023	Tax Free Exchange	09/01/2023	Various	505,000	17,166	34,860	17,166							17,694	17,694				
544050-20-9	LORDSTOWN MOTORS CORP		05/24/2023	Tax Free Exchange	06/23/2023	Various	220,000	36,276	655	36,276							(35,621)	(35,621)				
603693-10-2	MINK THERAPEUTICS INC		04/26/2023	Spin Off	05/08/2023	Various	85,000	488	87	487							(400)	(400)				
61174X-10-9	MONSTER BEVERAGE CORP		03/28/2023	Stock Split	09/01/2023	Various	303,000															
631103-10-8	NASDAQ INC		12/21/2023	Stock Split	08/16/2023	GUZMAN AND COMPANY	396,000													272		
64110Y-10-8	NET LEASE OFFICE PORPERTY		11/02/2023	Tax Free Exchange	11/13/2023	Direct	1,000	579	7	578							(571)	(571)				
649604-84-0	NEW YORK MORTGAGE TRUST INC		03/09/2023	Tax Free Exchange	03/23/2023	Direct	0.000		3	2												
65290C-10-5	NEXTier OILFIELD SOLUTIONS		06/23/2023	Various	09/01/2023	Tax Free Exchange	4,025,000	33,808	33,808	33,808												
654110-10-5	NIKOLA CORP		09/15/2023	GUZMAN AND COMPANY	10/10/2023	GUZMAN AND COMPANY	13,882,000	16,575	19,796	16,576									3,220	3,220		
68062P-10-6	OLEMA PHARMACEUTICALS INC		09/15/2023	Various	10/10/2023	Various	5,074,000	50,662	55,706	50,662									5,044	5,044		
682143-10-2	OMEROS CORP		06/23/2023	Various	10/17/2023	Various	3,975,000	21,822	5,591	21,822									(16,231)	(16,231)		
68989M-10-3	OSTER INC		02/14/2023	Tax Free Exchange	04/21/2023	Tax Free Exchange	1,594,000	21,605	21,605	21,605												
68989M-20-2	OSTER INC		04/21/2023	Tax Free Exchange	06/23/2023	GOLDMAN SACHS	505,000	32,409		32,409									(29,672)	(29,672)		
693718-10-8	PACCAR INC		02/07/2023	Stock Dividend	09/01/2023	Various	141,000													108		
695263-10-3	PACWEST BANCORP		06/23/2023	Various	12/01/2023	Tax Free Exchange	3,183,000	23,012	23,012	23,012											64	
72814P-10-9	PLBY GROUP INC		08/09/2023	Various	06/23/2023	Various	533,000	15,720	816	15,721									(14,905)	(14,905)		
72814P-10-9	PLBY GROUP INC		08/09/2023	Various	08/09/2023	Spin Off	0.000	518	518	518												
728RGT-01-0	PLBY GROUP INC RIGHTS		08/09/2023	Spin Off	01/23/2023	Corporate Action	533,000	518	518	518									(518)	(518)		
74587B-10-1	PULSE BIOSCIENCES INC		06/23/2023	Various	08/16/2023	Various	3,788,000	24,242	29,897	24,241									5,656	5,656		
75134P-50-1	RAMACO RESOURCES INC		06/22/2023	Spin Off	10/30/2023	Direct	1,000	15	13	15									(2)	(2)		
75615P-10-3	REATA PHARMACEUTICALS INC		09/15/2023	Various	09/27/2023	Various	200,000	34,401	34,500	34,401									99	99		
78646V-10-7	SAFEHOLD INC		03/31/2023	Taxable Exchange	04/11/2023	Direct	1,000	21	22	22												
816307-30-0	SELECTQUOTE INC		09/15/2023	Various	10/10/2023	Various	26,442,000	32,894	32,153	32,894									(741)	(741)		
81663L-20-0	GENEDX HOLDINGS CORP		05/04/2023	Tax Free Exchange	06/23/2023	GOLDMAN SACHS	123,000	6,885	754	6,885									(6,131)	(6,131)		
816851-10-9	SEMPRA ENERGY		08/22/2023	Stock Split	10/10/2023	Various	205,000														122	
81761L-10-2	SERVICE PROPERTIES TRUST		06/23/2023	Various	08/16/2023	Various	2,634,000	21,756	21,799	21,756									43	43	527	
848577-10-2	SPIRIT AIRLINES INC		06/23/2023	Various	08/16/2023	Various	719,000	11,633	11,472	11,632									(160)	(160)	72	
855126-10-6	STAR HOLDINGS		03/31/2023	Spin Off	04/11/2023	Direct	0.000	1		1									(1)	(1)		
890260-86-2	TONIX PHARMACEUTICALS HLDNGS		08/25/2023	Direct	08/25/2023	Various	1,000		3	1									2	2		
890516-10-7	TOOTSIE ROLL INDUSTRIES INC		03/03/2023	Stock Dividend	06/23/2023	Various	32,000														7	
92337R-10-1	VERA THERAPEUTICS INC		09/15/2023	Various	10/10/2023	Various	3,612,000	62,034	49,997	62,034									(12,037)	(12,037)		
92338C-10-3	VERALTO CORP		10/02/2023	Spin Off	10/12/2023	Various	376,000	1,262	28,224	1,263									26,961	26,961		
92556D-30-4	VIA RENEWABLES INC		03/22/2023	Tax Free Exchange	10/30/2023	Various	283,000	13,571	2,677	13,571									(10,894)	(10,894)		
92852X-10-8	VITESSE ENERGY INC		01/17/2023	Spin Off	01/31/2023	Direct	1,000	2	10	2									8	8		
928563-40-2	VMWARE INC		06/23/2023	Various	10/23/2023	Taxable Exchange	206,000	28,391	40,665	28,392									12,273	12,273		
92942W-10-7	WK KELLOGG CO		10/02/2023	Spin Off	10/12/2023	Direct	1,000	5	8	5									3	3		
98156Q-10-8	WORLD WRESTLING ENTERTAINMENT		06/23/2023	Various	09/12/2023	Tax Free Exchange	252,000	25,403	25,403	25,403												
989CVR-01-4	ZOGENIX INC		02/27/2023	Corporate Action	02/21/2023	Corporate Action	1,752,000		3,504											3,504	3,504	
M46528-10-1	FRONTLINE PLC		01/03/2023	Tax Free Exchange	06/23/2023	Various	3,756,000	26,290	53,902	26,290										27,612	27,612	6,648
749350-10-7	RB GLOBAL INC	A	03/21/2023	Taxable Exchange	04/04/2023	Various	0.000	18	19	18										1	1	
G1466R-17-3	BORR DRILLING LTD	D	09/15/2023	Various	10/10/2023	Various	161,000	1,220	1,112	1,221									(109)	(109)		
G3421J-10-6	FERGUSON PLC	D	06/23/2023	Various	08/16/2023	GUZMAN AND COMPANY	188,000	28,315	29,902	28,315									1,587	1,587		
G54950-10-3	LINDE PLC	D	03/01/2023	Tax Free Exchange	10/10/2023	Various	944,000	286,232	354,059	286,233									67,826	67,826	2,430	
G63365-10-3	MURAL ONCOLOGY PUB LTD	D	11/16/2023	Spin Off	12/06/2023	Direct	1,000	11	3	12									(9)	(9)		

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE D - PART 5

Showing All Long-Term Bonds and Stocks ACQUIRED During Year and Fully DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	11	Change in Book/Adjusted Carrying Value					17	18	19	20	21		
											12	13	14	15	16							
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Disposal Date	Name of Purchaser	Par Value (Bonds) or Number of Shares (Stock)	Actual Cost	Consideration	Book/ Adjusted Carrying Value at Disposal	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Valu (12 + 13 - 14)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Interest and Dividends Received During Year	Paid for Accrued Interest and Dividends		
665773-10-6	NORDIC AMERICAN TANKER LTD	C	09/15/2023	Various	10/10/2023	Various	12,352,000	46,019	48,940	46,019							2,921	2,921	154			
66683N-10-3	NU HOLDINGS LTD	D	06/23/2023	Various	08/16/2023	GUZMAN AND COMPANY	3,793,000	28,673	28,963	28,673							290	290				
M96088-10-5	UROGEN PHARMA LTD	D	09/15/2023	Various	10/10/2023	Various	2,093,000	33,308	28,770	33,308							(4,538)	(4,538)				
N20944-10-9	CNH INDUSTRIAL NV	D	06/23/2023	Various	09/01/2023	Various	2,518,000	34,570	34,824	34,570							254	254				
YQ2077-10-0	ARDMORE SHIPPING CORP	D	06/23/2023	Various	08/16/2023	Various	1,422,000	17,888	18,878	17,887							991	991				
Y95308-10-5	WAVE LIFE SCIENCES LTD	D	09/15/2023	Various	10/10/2023	Various	5,067,000	27,382	29,621	27,382							2,239	2,239				
501999999. Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Publicly Traded								1,659,898	1,760,481	1,659,898							100,583	100,583	11,108			
520776-11-3	DISTRIBUTION SOLUTIONS RIGHTS		05/15/2023	Spin Off	05/30/2023	Tax Free Exchange	246,000	21	21	21												
502999999. Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Other								21	21	21												
022865-40-6	AMANA INCOME FUND INST		06/09/2023	Various	12/28/2023	Various	7,672,000	435,247	452,502	435,247							17,255	17,255	3,532			
022865-80-2	AMANA PARTICIPATION FUND		05/11/2023	Various	05/18/2023	Various	3,000	25	25	25												
74440B-88-4	PRUDENTIAL TOTAL RETURN BOND Q		01/18/2023	Various	12/29/2023	Various	27,869,000	332,470	318,815	332,470							(13,655)	(13,655)	11,939			
87245M-74-9	LFCYLE IDX 2050-INST		09/01/2023	Various	12/29/2023	Various	9,000	232	231	232							(1)	(1)	1			
87245M-76-4	LFCYLE IDX 2040-INST		09/01/2023	Various	12/29/2023	Various	10,000	256	252	256							(4)	(4)	1			
87245M-78-0	LFCYLE IDX 2030-INST		09/01/2023	Various	12/29/2023	Various	4,000	98	97	98							(1)	(1)				
87245M-79-8	LFCYLE IDX 2025-INST		02/02/2023	Various	12/28/2023	Various	7,000	132	132	132												
87245R-47-4	TIAA CREF SC INTL EQ-INST		06/27/2023	Various	12/28/2023	Various	0,000	1	1	1												
87245R-56-5	TIAA CREF LFCYLE IDX 2060-INST		03/14/2023	Various	12/28/2023	Various	0,000	5	9	5							4	4				
00766Y-51-3	Champlain Mid Cap Institutional American Beacon Bridgeway Lg Cap Grth Instl R6		11/22/2023	Various	12/29/2023	Various	12,000	258	264	259							5	5				
024526-43-6	JP MORGAN LARGE CAP GROWTH R6		09/19/2023	Various	12/28/2023	Various	1,768,000	49,260	49,638	49,260							378	378				
48121L-84-1	JP MORGAN SMALL CAP VALUE R6		07/20/2023	Various	12/29/2023	Various	0,000	18	15	18							(3)	(3)				
481200-22-5	JP Morgan Small Cap Value R6		01/03/2023	Various	12/28/2023	Various	286,000	6,924	6,873	6,924							(51)	(51)	6			
55273W-47-5	MFS Mid Cap Value R6		11/22/2023	Various	12/29/2023	Various	20,000	602	610	602							8	8				
670725-37-3	NUVEEN WINSLOW LARGE-CAP GROWTH ESG R		07/17/2023	Various	12/29/2023	Various	69,624,000	3,320,752	3,467,644	3,320,753							146,891	146,891	5,462			
701765-30-7	Parnassus Mid Cap Growth		10/17/2023	Various	12/28/2023	Various	0,000	2	4	2							2	2				
701765-40-6	Parnassus VALUE EQUITY FUND INST		03/01/2023	Various	12/29/2023	Various	24,435,000	1,167,196	1,174,361	1,167,196							7,165	7,165	2,837			
701769-40-8	PARNASSUS CORE EQUITY FUND INST		03/06/2023	Various	12/26/2023	Various	9,961,000	488,497	521,316	488,498							32,818	32,818	9,917			
87249N-88-3	TIAA CREF INSTITUTIONAL MUTUAL GREEN BOND FUND INST		02/02/2023	Various	12/29/2023	Various	16,251,000	147,194	144,159	147,194							(3,035)	(3,035)	4,268			
886315-80-3	TIAA-CREF Shrt Trm Bd II Inst		03/13/2023	Various	12/27/2023	Various	13,756,000	136,066	137,225	136,067							1,158	1,158	3,975			
921921-30-0	Vanguard Equity Income Admiral		11/22/2023	Various	12/29/2023	Various	9,000	750	759	749							10	10				
921932-10-9	VANGUARD TREASURY MM INV VANGUARD Extended Market Indx Inst Plus		03/13/2023	Various	12/27/2023	Various	5,523,006,000	5,523,006	5,523,006	5,523,006									155,971			
922908-37-1	TIAA CREF LFCYLE IDX 2065-INST		02/16/2023	Various	06/21/2023	Various	3,000	792	789	793							(4)	(4)	2			
87249N-72-7	TIAA CREF LFCYLE IDX 2065-INST		09/20/2023	Various	12/28/2023	Various	0,000	2	3	2							1	1				
87249N-76-8	TIAA CREF LFCYLE 2065-INST		04/13/2023	Various	12/29/2023	Various	15,604,000	163,250	169,644	163,249							6,395	6,395	171			
532999999. Subtotal - Common Stocks - Mutual Funds - Designations Not Assigned by the SVO								11,773,035	11,968,374	11,773,038							195,336	195,336	198,082			
598999999. Total - Common Stocks								13,432,954	13,728,876	13,432,957								295,919	295,919	209,190		
599999999. Total - Preferred and Common Stocks								13,432,954	13,728,876	13,432,957								295,919	295,919	209,190		
600999999 - Totals								18,115,766	18,426,680	18,112,866									290,694	290,694	344,668	35,731

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE DA - PART 1

Showing All SHORT-TERM INVESTMENTS Owned December 31 of Current Year

1	Codes		4	5	6	7	Change in Book/Adjusted Carrying Value				12	13	Interest					20	
	2	3					8	9	10	11			14	15	16	17	18		19
Description	Code	For- eign	Date Acquired	Name of Vendor	Maturity Date	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor- tization)/ Accretion	Current Year's Other- Than- Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Par Value	Actual Cost	Amount Due and Accrued Dec. 31 of Current Year on Bond Not in Default	Non- Admitted Due and Accrued	Rate of	Effective Rate of	When Paid	Amount Received During Year	Paid for Accrued Interest
TVA DISCOUNT NOTE			12/08/2023			22,697,448									0.000	0.000			
TREASURY BILL			12/28/2023			15,300,552									0.000	0.000			
001999999. Subtotal - Bonds - U.S. Governments - Issuer Obligations						37,998,000									XXX	XXX	XXX		
010999999. Total - U.S. Government Bonds						37,998,000									XXX	XXX	XXX		
030999999. Total - All Other Government Bonds															XXX	XXX	XXX		
050999999. Total - U.S. States, Territories and Possessions Bonds															XXX	XXX	XXX		
070999999. Total - U.S. Political Subdivisions Bonds															XXX	XXX	XXX		
090999999. Total - U.S. Special Revenues Bonds															XXX	XXX	XXX		
110999999. Total - Industrial and Miscellaneous (Unaffiliated) Bonds															XXX	XXX	XXX		
130999999. Total - Hybrid Securities															XXX	XXX	XXX		
150999999. Total - Parent, Subsidiaries and Affiliates Bonds															XXX	XXX	XXX		
190999999. Subtotal - Unaffiliated Bank Loans															XXX	XXX	XXX		
241999999. Total - Issuer Obligations						37,998,000									XXX	XXX	XXX		
242999999. Total - Residential Mortgage-Backed Securities															XXX	XXX	XXX		
243999999. Total - Commercial Mortgage-Backed Securities															XXX	XXX	XXX		
244999999. Total - Other Loan-Backed and Structured Securities															XXX	XXX	XXX		
245999999. Total - SVO Identified Funds															XXX	XXX	XXX		
246999999. Total - Affiliated Bank Loans															XXX	XXX	XXX		
247999999. Total - Unaffiliated Bank Loans															XXX	XXX	XXX		
250999999. Total Bonds						37,998,000									XXX	XXX	XXX		
710999999. Total - Parent, Subsidiaries and Affiliates											XXX				XXX	XXX	XXX		
770999999 - Totals						37,998,000					XXX				XXX	XXX	XXX		

1. Line Book/Adjusted Carrying Value by NAIC Designation Category Footnote:
 Number
 1A 1A ..\$37,998,000 1B ..\$ 1C ..\$ 1D ..\$ 1E ..\$ 1F ..\$ 1G ..\$
 1B 2A ..\$ 2B ..\$ 2C ..\$
 1C 3A ..\$ 3B ..\$ 3C ..\$
 1D 4A ..\$ 4B ..\$ 4C ..\$
 1E 5A ..\$ 5B ..\$ 5C ..\$
 1F 6 ..\$

Schedule DB - Part A - Section 1 - Options, Caps, Floors, Collars, Swaps and Forwards Open

N O N E

Schedule DB - Part A - Section 2 - Options, Caps, Floors, Collars, Swaps and Forwards Terminated

N O N E

Schedule DB - Part B - Section 1 - Futures Contracts Open

N O N E

Schedule DB - Part B - Section 1B - Brokers with whom cash deposits have been made

N O N E

Schedule DB - Part B - Section 2 - Futures Contracts Terminated

N O N E

Schedule DB - Part D - Section 1 - Counterparty Exposure for Derivative Instruments Open

N O N E

Schedule DB - Part D-Section 2 - Collateral for Derivative Instruments Open - Pledged By

N O N E

Schedule DB - Part D-Section 2 - Collateral for Derivative Instruments Open - Pledged To

N O N E

Schedule DB - Part E - Derivatives Hedging Variable Annuity Guarantees as of December 31 of
Current Year

N O N E

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

**SCHEDULE DL - PART 1
SECURITIES LENDING COLLATERAL ASSETS**

Reinvested Collateral Assets Owned December 31 Current Year

(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, NAIC Designation Modifier and SVO Administrative Symbol	5 Fair Value	6 Book/Adjusted Carrying Value	7 Maturity Date
0109999999	Total - U.S. Government Bonds					XXX
0309999999	Total - All Other Government Bonds					XXX
0509999999	Total - U.S. States, Territories and Possessions Bonds					XXX
0709999999	Total - U.S. Political Subdivisions Bonds					XXX
0909999999	Total - U.S. Special Revenues Bonds					XXX
1109999999	Total - Industrial and Miscellaneous (Unaffiliated) Bonds					XXX
1309999999	Total - Hybrid Securities					XXX
1509999999	Total - Parent, Subsidiaries and Affiliates Bonds					XXX
1909999999	Subtotal - Unaffiliated Bank Loans					XXX
2419999999	Total - Issuer Obligations					XXX
2429999999	Total - Residential Mortgage-Backed Securities					XXX
2439999999	Total - Commercial Mortgage-Backed Securities					XXX
2449999999	Total - Other Loan-Backed and Structured Securities					XXX
2459999999	Total - SVO Identified Funds					XXX
2469999999	Total - Affiliated Bank Loans					XXX
2479999999	Total - Unaffiliated Bank Loans					XXX
2489999999	Total - Unaffiliated Certificates of Deposit					XXX
2509999999	Total Bonds					XXX
4109999999	Total - Preferred Stocks (Schedule D, Part 2, Section 1 type) - Industrial and Miscellaneous (Unaffiliated)					XXX
4409999999	Total - Preferred Stocks (Schedule D, Part 2, Section 1 type) - Parent, Subsidiaries and Affiliates					XXX
4509999999	Total - Preferred Stocks (Schedule D, Part 2, Section 1 type)					XXX
5109999999	Total - Common Stocks (Schedule D, Part 2, Section 2 type) - Industrial and Miscellaneous (Unaffiliated)					XXX
857509-30-1	STATE STREET NAVIGATOR SECURITIES LENDING GOVERNMENT MONEY MARKET PORTFOLIO	M		2,053,553	2,053,553	
5329999999	Subtotal - Common Stocks (Schedule D, Part 2, Section 2 type) - Mutual Funds - Designations Not Assigned by the SVO			2,053,553	2,053,553	XXX
5409999999	Total - Common Stocks (Schedule D, Part 2, Section 2 type) - Mutual Funds			2,053,553	2,053,553	XXX
5609999999	Total - Common Stocks (Schedule D, Part 2, Section 2 type) - Unit Investment Trusts					XXX
5809999999	Total - Common Stocks (Schedule D, Part 2, Section 2 type) - Closed-End Funds					XXX
5979999999	Total - Common Stocks (Schedule D, Part 2, Section 2 type) - Parent, Subsidiaries and Affiliates					XXX
5989999999	Total - Common Stocks (Schedule D, Part 2, Section 2 type)			2,053,553	2,053,553	XXX
5999999999	Total - Preferred and Common Stocks			2,053,553	2,053,553	XXX
9999999999	Totals			2,053,553	2,053,553	XXX

General Interrogatories:

- Total activity for the year Fair Value \$ Book/Adjusted Carrying Value \$
- Average balance for the year Fair Value \$ Book/Adjusted Carrying Value \$
-

Line Book/Adjusted Carrying Value by NAIC Designation Category Footnote:

Line Number	3A	1A ..\$	1B ..\$	1C ..\$	1D ..\$	1E ..\$	1F ..\$	1G ..\$
	3B	2A ..\$	2B ..\$	2C ..\$				
	3C	3A ..\$	3B ..\$	3C ..\$				
	3D	4A ..\$	4B ..\$	4C ..\$				
	3E	5A ..\$	5B ..\$	5C ..\$				
	3F	6 ..\$						

SCHEDULE DL - PART 2
SECURITIES LENDING COLLATERAL ASSETS

Reinvested Collateral Assets Owned December 31 Current Year

(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, NAIC Designation Modifier and SVO Administrative Symbol	5 Fair Value	6 Book/Adjusted Carrying Value	7 Maturity Date
NONE						
999999999 - 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 \$ |

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE E - PART 2 - CASH EQUIVALENTS

Show Investments Owned December 31 of Current Year

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	
	TREASURY BILL		10/31/2023	5.292	01/04/2024	5,016,787		45,739	
	US TREASURY BILL		12/08/2023	5.255	01/04/2024	15,300,552		53,619	
	US TREASURY BILL		12/26/2023	5.290	01/02/2024	7,972,000		20,314	
	TREASURY BILL		12/28/2023	5.250	01/02/2024	19,026,219		29,774	
	US TREASURY BILL		12/28/2023	5.250	01/02/2024	94,057,000		220,586	
0019999999	Subtotal - Bonds - U.S. Governments - Issuer Obligations						141,372,558		370,032
0109999999	Total - U.S. Government Bonds						141,372,558		370,032
0309999999	Total - All Other Government Bonds								
0509999999	Total - U.S. States, Territories and Possessions Bonds								
0709999999	Total - U.S. Political Subdivisions Bonds								
	FARMER MAC DISC		11/13/2023	5.500	01/02/2024	3,699,435		26,568	
	FED HOME LN DISCOUNT NT		12/29/2023	5.200	01/02/2024	23,296,627		18,310	
	FED HOME LN DISCOUNT NT		12/01/2023	5.275	01/03/2024	249,927		1,136	
	FED HOME LN DISCOUNT NT		12/19/2023	5.250	01/04/2024	4,597,988		8,721	
	FED HOME LN DISCOUNT NT		12/19/2023	5.250	01/05/2024	5,261,929		9,982	
	FED HOME LN DISCOUNT NT		12/01/2023	5.275	01/10/2024	499,341		2,271	
	FED HOME LN DISCOUNT NT		12/01/2023	5.275	01/12/2024	998,388		4,542	
	FED HOME LN DISCOUNT NT		12/28/2023	5.260	01/29/2024	2,987,727		1,753	
	FED HOME LN DISCOUNT NT		11/13/2023	5.280	02/01/2024	786,408		5,677	
	FED HOME LN DISCOUNT NT		12/01/2023	5.270	02/07/2024	248,646		1,135	
	TVA DISCOUNT NOTE		12/20/2023	5.257	01/03/2024	12,996,202		22,788	
	FED HOME LN DISCOUNT NT		11/13/2023	5.406	01/25/2024	14,946,133			
	FED HOME LN DISCOUNT NT		12/12/2023	5.426	01/26/2024	627,635			
0819999999	Subtotal - Bonds - U.S. Special Revenues - Issuer Obligations						71,196,386		102,883
0909999999	Total - U.S. Special Revenues Bonds						71,196,386		102,883
1109999999	Total - Industrial and Miscellaneous (Unaffiliated) Bonds								
1309999999	Total - Hybrid Securities								
1509999999	Total - Parent, Subsidiaries and Affiliates Bonds								
1909999999	Subtotal - Unaffiliated Bank Loans								
2419999999	Total - Issuer Obligations						212,568,944		472,915
2429999999	Total - Residential Mortgage-Backed Securities								
2439999999	Total - Commercial Mortgage-Backed Securities								
2449999999	Total - Other Loan-Backed and Structured Securities								
2459999999	Total - SVO Identified Funds								
2469999999	Total - Affiliated Bank Loans								
2479999999	Total - Unaffiliated Bank Loans								
2509999999	Total Bonds						212,568,944		472,915
8609999999	Total Cash Equivalents						212,568,944		472,915

1. Line Book/Adjusted Carrying Value by NAIC Designation Category Footnote:

Number	1A	1B	1C	1D	1E	1F	1G
1A	1A ..\$ 212,568,944	1B ..\$	1C ..\$	1D ..\$	1E ..\$	1F ..\$	1G ..\$
1B	2A ..\$	2B ..\$	2C ..\$				
1C	3A ..\$	3B ..\$	3C ..\$				
1D	4A ..\$	4B ..\$	4C ..\$				
1E	5A ..\$	5B ..\$	5C ..\$				
1F	6 ..\$						

E28

ANNUAL STATEMENT FOR THE YEAR 2023 OF THE SEPARATE ACCOUNTS OF THE TEACHERS INSURANCE and ANNUITY ASSOCIATION of AMERICA

SCHEDULE E - PART 3 - SPECIAL DEPOSITS

States, Etc.	1 Type of Deposit	2 Purpose of Deposit	Deposits For the Benefit of All Policyholders		All Other Special Deposits	
			3 Book/Adjusted Carrying Value	4 Fair Value	5 Book/Adjusted Carrying Value	6 Fair Value
1. Alabama	AL					
2. Alaska	AK					
3. Arizona	AZ					
4. Arkansas	AR					
5. California	CA					
6. Colorado	CO					
7. Connecticut	CT					
8. Delaware	DE					
9. District of Columbia	DC					
10. Florida	FL					
11. Georgia	GA					
12. Hawaii	HI					
13. Idaho	ID					
14. Illinois	IL					
15. Indiana	IN					
16. Iowa	IA					
17. Kansas	KS					
18. Kentucky	KY					
19. Louisiana	LA					
20. Maine	ME					
21. Maryland	MD					
22. Massachusetts	MA					
23. Michigan	MI					
24. Minnesota	MN					
25. Mississippi	MS					
26. Missouri	MO					
27. Montana	MT					
28. Nebraska	NE					
29. Nevada	NV					
30. New Hampshire	NH					
31. New Jersey	NJ					
32. New Mexico	NM					
33. New York	NY					
34. North Carolina	NC					
35. North Dakota	ND					
36. Ohio	OH					
37. Oklahoma	OK					
38. Oregon	OR					
39. Pennsylvania	PA					
40. Rhode Island	RI					
41. South Carolina	SC					
42. South Dakota	SD					
43. Tennessee	TN					
44. Texas	TX					
45. Utah	UT					
46. Vermont	VT					
47. Virginia	VA					
48. Washington	WA					
49. West Virginia	WV					
50. Wisconsin	WI					
51. Wyoming	WY					
52. American Samoa	AS					
53. Guam	GU					
54. Puerto Rico	PR					
55. U.S. Virgin Islands	VI					
56. Northern Mariana Islands	MP					
57. Canada	CAN					
58. Aggregate Alien and Other	OT					
59. Subtotal	XXX	XXX				
DETAILS OF WRITE-INS						
5801.						
5802.						
5803.						
5898. Summary of remaining write-ins for Line 58 from overflow page	XXX	XXX				
5899. Totals (Lines 5801 thru 5803 plus 5898)(Line 58 above)	XXX	XXX				

NONE

ALPHABETICAL INDEX

ANNUAL STATEMENT BLANK

Analysis of Increase in Reserves During The Year	6.1
Analysis of Operations By Lines of Business	5
Asset Valuation Reserve Default Component	15
Asset Valuation Reserve Equity	18
Asset Valuation Reserve Replications (Synthetic) Assets	21
Assets	2
Exhibit 1 - Investment Expenses	8
Exhibit 2 - Investment Taxes, Licenses and Fees (Excluding Federal Income Taxes)	8
Exhibit 3 - Aggregate Reserve for Life, Annuity and Accident and Health Contracts	9
Exhibit 3 - Interrogatories	9
Exhibit 3A - Changes in Bases of Valuation During The Year	9
Exhibit 4 - Deposit-Type Contracts	10
Exhibit 5 - Reconciliation of Cash and Invested Assets	11
Exhibit 6 - Guaranteed Insurance and Annuity Products	12
Exhibit of Capital Gains (Losses)	7
Exhibit of Net Investment Income	7
Form for Calculating the Interest Maintenance Reserve (IMR)	14
General Interrogatories	13
Jurat Page	1
Liabilities, Surplus and Other Funds	3
Overflow Page For Write-ins	22
Schedule A - Part 1	E01
Schedule A - Part 2	E02
Schedule A - Part 3	E03
Schedule A - Verification Between Years	SI02
Schedule B - Part 1	E04
Schedule B - Part 2	E05
Schedule B - Part 3	E06
Schedule B - Verification Between Years	SI02
Schedule BA - Part 1	E07
Schedule BA - Part 2	E08
Schedule BA - Part 3	E09
Schedule BA - Verification Between Years	SI03
Schedule D - Part 1	E10
Schedule D - Part 2 - Section 1	E11
Schedule D - Part 2 - Section 2	E12
Schedule D - Part 3	E13
Schedule D - Part 4	E14
Schedule D - Part 5	E15
Schedule D - Summary By Country	SI04
Schedule D - Verification Between Years	SI03
Schedule DA - Part 1	E17
Schedule DA - Verification Between Years	SI10
Schedule DB - Part A - Section 1	E18
Schedule DB - Part A - Section 2	E19
Schedule DB - Part A - Verification Between Years	SI11
Schedule DB - Part B - Section 1	E20
Schedule DB - Part B - Section 2	E21
Schedule DB - Part B - Verification Between Years	SI11
Schedule DB - Part C - Section 1	SI12
Schedule DB - Part C - Section 2	SI13
Schedule DB - Part D - Section 1	E22
Schedule DB - Part D - Section 2	E23
Schedule DB - Part E	E24
Schedule DB - Verification	SI14
Schedule DL - Part 1	E25
Schedule DL - Part 2	E26
Schedule E - Part 1 - Cash	E27
Schedule E - Part 2 - Cash Equivalents	E28
Schedule E - Part 2 - Verification Between Years	SI15
Schedule E - Part 3 - Special Deposits	E29
Summary of Operations	4