ANNUAL STATEMENT

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, 2025

LIFE AND ACCIDENT AND HEALTH

2025

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

ANNUAL STATEMENT

FOR THE YEAR ENDED DECEMBER 31, 2025
OF THE CONDITION AND AFFAIRS 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

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

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

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

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

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

Primary Location of Books and Records 730 Third Avenue (Street and Number)
New York, NY, US 10017 (City or Town, State, Country and Zip Code), 212-490-9000 (Area Code) (Telephone Number)

Internet Website Address tiaa.org

Statutory Statement Contact Stacy Eisenhauer (Name), 704-988-4560 (Area Code) (Telephone Number)
StatutoryReporting@tiaa.org (E-mail Address), (FAX Number)

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 Elliott Floman

OTHER

Christopher Alan Baraks, SVP, Chief Accounting Officer and Corporate Controller	Claire Varra Borelli, SEVP, Chief People Officer	Michael John Cowell, SEVP, Chief Risk and Compliance Officer
Sastry VSM Durvasula #, SEVP, Chief Operating, Information & Digital Officer	Derek Talmar Ferguson, SEVP, Chief Administrative Officer	Kourtney Kristine Gibson #, SEVP, Chief Executive Officer, Retirement Solutions
Barrett Clifford Hester #, SEVP, Chief Legal Officer	William Thomas Huffman, SEVP, Chief Executive Officer, Nuveen	Colbert Gerald Narcisse #, SEVP, Chief Product Officer, Head of Insurance Solutions and New Markets
David George Nason #, SEVP, Chief Executive Officer, Wealth Management & Advice Solutions	Michelle Louise Onvural, SEVP, Chief Marketing & Communications Officer	

DIRECTORS OR TRUSTEES

Priya (NMN) Abani	Samuel Richard Bright	Jason Edmund Brown
Jeffrey Robert Brown	Angel (NMN) Cabrera #	James Robert Chambers
Thasunda Brown Duckett	Michael Robert Fanning #	Lisa Wolfson Hess
Edward Mark Hundert	Gina Lynette Loften	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.

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

Subscribed and sworn to before me this 20th day of January, 2026

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. 01IE6211858
Qualified in Westchester County
My Commission Expires 09-21-2029

ASSETS

		Current Year			Prior Year
		1 Assets	2 Nonadmitted Assets	3 Net Admitted Assets (Cols. 1 - 2)	4 Net Admitted Assets
1.	Bonds (Schedule D)	222,960,221,829	87,114,007	222,873,107,822	213,616,056,632
2.	Stocks (Schedule D):				
	2.1 Preferred stocks	907,645,848		907,645,848	1,053,517,404
	2.2 Common stocks	3,942,856,702	22,821,277	3,920,035,424	2,361,547,206
3.	Mortgage loans on real estate (Schedule B):				
	3.1 First liens	35,814,364,967		35,814,364,967	36,663,780,353
	3.2 Other than first liens	877,267,427		877,267,427	1,541,406,479
4.	Real estate (Schedule A):				
	4.1 Properties occupied by the company (less $ 28,007,340 encumbrances)	300,314,716		300,314,716	309,689,344
	4.2 Properties held for the production of income (less $ 300,000,000 encumbrances)	3,035,306,859		3,035,306,859	3,167,918,888
	4.3 Properties held for sale (less $ encumbrances)	87,974,829		87,974,829	39,910,080
5.	Cash ($ 140,159,429 , Schedule E - Part 1), cash equivalents ($ 45,764,396 , Schedule E - Part 2) and short-term investments ($ 334,553,612 , Schedule DA)	536,335,033	15,857,596	520,477,437	3,540,892,164
6.	Contract loans (including $ premium notes)	362,425,250	10,774	362,414,476	433,321,638
7.	Derivatives (Schedule DB)	1,447,667,408		1,447,667,408	1,928,997,287
8.	Other invested assets (Schedule BA)	44,180,868,138	758,889,366	43,421,978,773	43,088,797,497
9.	Receivables for securities	235,458,080		235,458,080	381,418,125
10.	Securities lending reinvested collateral assets (Schedule DL)	2,474,463,663		2,474,463,663	1,372,561,343
11.	Aggregate write-ins for invested assets	5,396,688		5,396,688	5,115,077
12.	Subtotals, cash and invested assets (Lines 1 to 11)	317,168,567,437	884,693,020	316,283,874,417	309,504,929,517
13.	Title plants less $ charged off (for Title insurers only)				
14.	Investment income due and accrued	2,288,277,341		2,288,277,341	2,128,242,443
15.	Premiums and considerations:				
	15.1 Uncollected premiums and agents' balances in the course of collection	2,573,760		2,573,760	2,568,389
	15.2 Deferred premiums, agents' balances and installments booked but deferred and not yet due (including $ earned but unbilled premiums)	62,138,294	22,668,761	39,469,533	43,613,232
	15.3 Accrued retrospective premiums ($) and contracts subject to redetermination ($)				
16.	Reinsurance:				
	16.1 Amounts recoverable from reinsurers	12,163,892		12,163,892	5,818,507
	16.2 Funds held by or deposited with reinsured companies				
	16.3 Other amounts receivable under reinsurance contracts	1,059,166		1,059,166	94,658
17.	Amounts receivable relating to uninsured plans				
18.1	Current federal and foreign income tax recoverable and interest thereon	3,922,997		3,922,997	2,721,815
18.2	Net deferred tax asset	5,075,295,682	3,292,527,487	1,782,768,195	1,798,104,125
19.	Guaranty funds receivable or on deposit	32,059,262		32,059,262	34,184,072
20.	Electronic data processing equipment and software	368,479,462	339,317,839	29,161,623	36,183,770
21.	Furniture and equipment, including health care delivery assets ($)	478,301,730	478,301,730		
22.	Net adjustment in assets and liabilities due to foreign exchange rates				
23.	Receivables from parent, subsidiaries and affiliates	429,949,685	15,274,494	414,675,191	237,775,743
24.	Health care ($) and other amounts receivable				
25.	Aggregate write-ins for other-than-invested assets	1,708,677,250	370,706,892	1,337,970,358	888,496,188
26.	Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 to 25)	327,631,465,958	5,403,490,223	322,227,975,734	314,682,732,460
27.	From Separate Accounts, Segregated Accounts and Protected Cell Accounts	58,134,110,416		58,134,110,416	53,294,143,472
28.	Total (Lines 26 and 27)	385,765,576,374	5,403,490,223	380,362,086,151	367,976,875,932
	DETAILS OF WRITE-INS				
1101.	Derivative collateral - receivable	4,747,719		4,747,719	4,538,827
1102.	Receivable for securities lending	648,969		648,969	576,250
1103.					
1198.	Summary of remaining write-ins for Line 11 from overflow page				
1199.	Totals (Lines 1101 through 1103 plus 1198)(Line 11 above)	5,396,688		5,396,688	5,115,077
2501.	Sundry receivables	1,523,456,588	185,486,230	1,337,970,358	888,496,188
2502.	Prepaid expenses	185,220,662	185,220,662		
2503.					
2598.	Summary of remaining write-ins for Line 25 from overflow page				
2599.	Totals (Lines 2501 through 2503 plus 2598)(Line 25 above)	1,708,677,250	370,706,892	1,337,970,358	888,496,188

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

LIABILITIES, SURPLUS AND OTHER FUNDS

		1 Current Year	2 Prior Year
1.	Aggregate reserve for life contracts $ 242,904,907,056 (Exh. 5, Line 9999999) less $ ..... included in Line 6.3 (including $ 251,061,799 Modco Reserve)	242,904,907,056	237,691,947,868
2.	Aggregate reserve for accident and health contracts (including $ ..... Modco Reserve)	1,147	1,147
3.	Liability for deposit-type contracts (Exhibit 7, Line 14, Col. 1) (including $ ..... Modco Reserve)	19,023,286,033	18,287,725,738
4.	Contract claims:		
	4.1 Life (Exhibit 8, Part 1, Line 4.4, Col. 1 less Col. 6)	1,310,448,841	1,119,543,713
	4.2 Accident and health (Exhibit 8, Part 1, Line 4.4, Col. 6)		
5.	Policyholders' dividends/refunds to members $ 6,745,111 and coupons $ ..... due and unpaid (Exhibit 4, Line 10)	6,745,111	7,694,888
6.	Provision for policyholders' dividends, refunds to members and coupons payable in following calendar year - estimated amounts:		
	6.1 Policyholders' dividends and refunds to members apportioned for payment (including $ ..... Modco)	2,305,509,714	2,300,565,370
	6.2 Policyholders' dividends and refunds to members not yet apportioned (including $ ..... Modco)		
	6.3 Coupons and similar benefits (including $ ..... Modco)		
7.	Amount provisionally held for deferred dividend policies not included in Line 6		
8.	Premiums and annuity considerations for life and accident and health contracts received in advance less $ ..... discount; including $ ..... accident and health premiums (Exhibit 1, Part 1, Col. 1, sum of lines 4 and 14)	302,851	193,696
9.	Contract liabilities not included elsewhere:		
	9.1 Surrender values on canceled contracts		
	9.2 Provision for experience rating refunds, including the liability of $ ..... accident and health experience rating refunds of which $ ..... is for medical loss ratio rebate per the Public Health Service Act		
	9.3 Other amounts payable on reinsurance, including $ ..... assumed and $ 15,558,731 ceded	15,558,731	10,134,327
	9.4 Interest maintenance reserve (IMR, Line 6)	1,193,482,486	1,539,354,387
10.	Commissions to agents due or accrued-life and annuity contracts $ 138,918 accident and health $ ..... and deposit-type contract funds $	138,918	176,854
11.	Commissions and expense allowances payable on reinsurance assumed		
12.	General expenses due or accrued (Exhibit 2, Line 12, Col. 7)	1,283,240,965	1,120,366,853
13.	Transfers to Separate Accounts due or accrued (net) (including $ (887,975) accrued for expense allowances recognized in reserves, net of reinsured allowances)	(7,175,419)	(6,713,707)
14.	Taxes, licenses and fees due or accrued, excluding federal income taxes (Exhibit 3, Line 9, Col. 6)	45,043,261	33,933,378
15.1	Current federal and foreign income taxes, including $ ..... on realized capital gains (losses)		
15.2	Net deferred tax liability		
16.	Unearned investment income	4,001,460	5,151,068
17.	Amounts withheld or retained by reporting entity as agent or trustee	483,553,849	462,882,674
18.	Amounts held for agents' account, including $ ..... agents' credit balances		
19.	Remittances and items not allocated	212,079,835	182,216,116
20.	Net adjustment in assets and liabilities due to foreign exchange rates		
21.	Liability for benefits for employees and agents if not included above	90,502,615	99,071,676
22.	Borrowed money $ 110,000,000 and interest thereon $	110,000,000	100,000,000
23.	Dividends to stockholders declared and unpaid		
24.	Miscellaneous liabilities:		
	24.01 Asset valuation reserve (AVR, Line 16, Col. 7)	6,358,425,759	6,171,939,667
	24.02 Reinsurance in unauthorized and certified ($ .....) companies	11,945,835	5,573,134
	24.03 Funds held under reinsurance treaties with unauthorized and certified ($ .....) reinsurers		
	24.04 Payable to parent, subsidiaries and affiliates	781,184,819	765,330,261
	24.05 Drafts outstanding		
	24.06 Liability for amounts held under uninsured plans		
	24.07 Funds held under coinsurance		
	24.08 Derivatives	830,519,672	97,700,205
	24.09 Payable for securities	211,875,652	394,235,730
	24.10 Payable for securities lending	2,474,463,663	1,372,561,343
	24.11 Capital notes $ ..... and interest thereon $		
25.	Aggregate write-ins for liabilities	2,037,444,410	2,933,505,350
26.	Total liabilities excluding Separate Accounts business (Lines 1 to 25)	281,687,487,264	274,695,091,736
27.	From Separate Accounts Statement	57,001,711,716	52,231,824,100
28.	Total liabilities (Lines 26 and 27)	338,689,198,980	326,926,915,836
29.	Common capital stock	2,500,000	2,500,000
30.	Preferred capital stock		
31.	Aggregate write-ins for other-than-special surplus funds		
32.	Surplus notes	5,942,349,936	5,941,608,772
33.	Gross paid in and contributed surplus (Page 3, Line 33, Col. 2 plus Page 4, Line 51.1, Col. 1)	550,000	550,000
34.	Aggregate write-ins for special surplus funds	35,727,487,234	35,105,301,324
35.	Unassigned funds (surplus)		
36.	Less treasury stock, at cost:		
	36.1 ..... shares common (value included in Line 29 $ .....)		
	36.2 ..... shares preferred (value included in Line 30 $ .....)		
37.	Surplus (Total Lines 31+32+33+34+35-36) (including $ 1,132,398,700 in Separate Accounts Statement)	41,670,387,170	41,047,460,096
38.	Totals of Lines 29, 30 and 37 (Page 4, Line 55)	41,672,887,170	41,049,960,096
39.	Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3)	380,362,086,151	367,976,875,932
	DETAILS OF WRITE-INS		
2501.	Miscellaneous liabilities	904,264,643	885,477,176
2502.	Derivative collateral - payable	613,393,611	1,575,853,840
2503.	Deferred gain on asset transfer with affiliate	549,450,857	510,732,036
2598.	Summary of remaining write-ins for Line 25 from overflow page	(29,664,700)	(38,557,702)
2599.	Totals (Lines 2501 through 2503 plus 2598)(Line 25 above)	2,037,444,410	2,933,505,350
3101.			
3102.			
3103.			
3198.	Summary of remaining write-ins for Line 31 from overflow page		
3199.	Totals (Lines 3101 through 3103 plus 3198)(Line 31 above)		
3401.	Conting. res. for invest. losses, annuity and insurance mort. and other risks **	35,727,487,234	35,105,301,324
3402.			
3403.			
3498.	Summary of remaining write-ins for Line 34 from overflow page		
3499.	Totals (Lines 3401 through 3403 plus 3498)(Line 34 above)	35,727,487,234	35,105,301,324

** The amount of the annuitant mortality fluctuation fund for the Real Estate account is $ 161,872,141 and for the Access account is $ 104,623,185.

Note for line 6.1: Because TIAA operates without profit to the corporation or its stockholders, excess earnings which exceeded the amount contained on line 6.1 of prior year's statements were credited to policyholders as Additional Amounts during the year. Additional Amounts are referred to as policyholder's dividends throughout this statement.

SUMMARY OF OPERATIONS

		1 Current Year	2 Prior Year
1.	Premiums and annuity considerations for life and accident and health contracts	20,006,614,757	18,342,867,843
2.	Considerations for supplementary contracts with life contingencies	72,857,041	57,797,544
3.	Net investment income (Exhibit of Net Investment Income, Line 17)	14,460,486,735	13,723,102,485
4.	Amortization of Interest Maintenance Reserve (IMR, Line 5)	151,462,551	207,794,851
5.	Separate Accounts net gain from operations excluding unrealized gains or losses	35,725,323	27,858,343
6.	Commissions and expense allowances on reinsurance ceded (Exhibit 1, Part 2, Line 26.1, Col. 1)	6,710,433	5,670,011
7.	Reserve adjustments on reinsurance ceded	(7,042,610)	(5,221,465)
8.	Miscellaneous Income:		
	8.1 Income from fees associated with investment management, administration and contract guarantees from Separate Accounts	273,078,241	296,246,286
	8.2 Charges and fees for deposit-type contracts		
	8.3 Aggregate write-ins for miscellaneous income	4,127,902,146	4,228,665,760
9.	Total (Lines 1 to 8.3)	39,127,794,617	36,884,781,659
10.	Death benefits	97,938,792	95,203,247
11.	Matured endowments (excluding guaranteed annual pure endowments)	342,616	219,947
12.	Annuity benefits (Exhibit 8, Part 2, Line 6.4, Cols. 4 + 5 minus Analysis of Operations Summary, Line 18, Col. 1)	8,968,316,925	8,528,781,729
13.	Disability benefits and benefits under accident and health contracts	12,524,911	10,893,779
14.	Coupons, guaranteed annual pure endowments and similar benefits		
15.	Surrender benefits and withdrawals for life contracts	16,896,855,136	16,662,732,460
16.	Group conversions		
17.	Interest and adjustments on contract or deposit-type contract funds	675,005,246	663,124,262
18.	Payments on supplementary contracts with life contingencies	143,860,158	170,514,755
19.	Increase in aggregate reserves for life and accident and health contracts	5,212,959,188	3,648,555,666
20.	Totals (Lines 10 to 19)	32,007,802,972	29,780,025,846
21.	Commissions on premiums, annuity considerations, and deposit-type contract funds (direct business only) (Exhibit 1, Part 2, Line 31, Col. 1)	2,176,716	2,621,133
22.	Commissions and expense allowances on reinsurance assumed (Exhibit 1, Part 2, Line 26.2, Col. 1)		
23.	General insurance expenses and fraternal expenses (Exhibit 2, Line 10, Columns 1, 2, 3, 4 and 6)	1,373,097,214	1,549,705,795
24.	Insurance taxes, licenses and fees, excluding federal income taxes (Exhibit 3, Line 7, Cols. 1 + 2 + 3 + 5)	47,994,681	68,789,737
25.	Increase in loading on deferred and uncollected premiums	6,863	585,320
26.	Net transfers to or (from) Separate Accounts net of reinsurance	(1,293,789,405)	(906,346,323)
27.	Aggregate write-ins for deductions	309,289,854	389,441,051
28.	Totals (Lines 20 to 27)	32,446,578,896	30,884,822,560
29.	Net gain from operations before dividends to policyholders, refunds to members and federal income taxes (Line 9 minus Line 28)	6,681,215,721	5,999,959,099
30.	Dividends to policyholders and refunds to members	4,328,870,786	4,660,916,642
31.	Net gain from operations after dividends to policyholders, refunds to members and before federal income taxes (Line 29 minus Line 30)	2,352,344,935	1,339,042,457
32.	Federal and foreign income taxes incurred (excluding tax on capital gains)	4,126,339	(124,859,191)
33.	Net gain from operations after dividends to policyholders, refunds to members and federal income taxes and before realized capital gains or (losses) (Line 31 minus Line 32)	2,348,218,596	1,463,901,648
34.	Net realized capital gains (losses) (excluding gains (losses) transferred to the IMR) less capital gains tax of $ (827,155) (excluding taxes of $ (254,844) transferred to the IMR)	(2,509,889,565)	(2,677,937,212)
35.	Net income (Line 33 plus Line 34)	(161,670,968)	(1,214,035,564)
	CAPITAL AND SURPLUS ACCOUNT		
36.	Capital and surplus, December 31, prior year (Page 3, Line 38, Col. 2)	41,049,960,096	42,114,974,821
37.	Net income (Line 35)	(161,670,968)	(1,214,035,564)
38.	Change in net unrealized capital gains (losses) less capital gains tax of $ 172,580,425	727,098,072	125,967,982
39.	Change in net unrealized foreign exchange capital gain (loss)	140,181,830	(51,082,249)
40.	Change in net deferred income tax	236,744,970	385,761,155
41.	Change in nonadmitted assets	(152,770,205)	(622,853,436)
42.	Change in liability for reinsurance in unauthorized and certified companies	(6,372,701)	54,773
43.	Change in reserve on account of change in valuation basis (increase) or decrease		
44.	Change in asset valuation reserve	(186,486,092)	700,854,568
45.	Change in treasury stock (Page 3, Lines 36.1 and 36.2, Col. 2 minus Col. 1)		
46.	Surplus (contributed to) withdrawn from Separate Accounts during period		(293,684,952)
47.	Other changes in surplus in Separate Accounts Statement	34,354,005	259,566,911
48.	Change in surplus notes	741,164	(349,618,707)
49.	Cumulative effect of changes in accounting principles		
50.	Capital changes:		
	50.1 Paid in		
	50.2 Transferred from surplus (stock dividend)		
	50.3 Transferred to surplus		
51.	Surplus adjustment:		
	51.1 Paid in		
	51.2 Transferred to capital (stock dividend)		
	51.3 Transferred from capital		
	51.4 Change in surplus as a result of reinsurance		
52.	Dividends to stockholders		
53.	Aggregate write-ins for gains and losses in surplus	(8,893,002)	(5,945,208)
54.	Net change in capital and surplus for the year (Lines 37 through 53)	622,927,074	(1,065,014,725)
55.	Capital and surplus, December 31, current year (Lines 36 + 54) (Page 3, Line 38)	41,672,887,170	41,049,960,096
	DETAILS OF WRITE-INS		
08.301.	Additional amounts credited or applied to annuities	2,314,298,252	2,722,993,820
08.302.	Consideration on annuity product rollovers	1,708,153,940	1,421,266,930
08.303.	Policyholder reinvestment of annuity benefits	54,207,645	54,398,594
08.398.	Summary of remaining write-ins for Line 8.3 from overflow page	51,242,309	30,006,416
08.399.	Totals (Lines 08.301 through 08.303 plus 08.398)(Line 8.3 above)	4,127,902,146	4,228,665,760
2701.	Miscellaneous deductions	309,289,257	389,426,352
2702.	Miscellaneous fines and penalties	597	14,700
2703.			
2798.	Summary of remaining write-ins for Line 27 from overflow page		
2799.	Totals (Lines 2701 through 2703 plus 2798)(Line 27 above)	309,289,854	389,441,051
5301.	Post retirement benefit obligation liability	(8,893,002)	(5,945,208)
5302.			
5303.			
5398.	Summary of remaining write-ins for Line 53 from overflow page		
5399.	Totals (Lines 5301 through 5303 plus 5398)(Line 53 above)	(8,893,002)	(5,945,208)

CASH FLOW

		1 Current Year	2 Prior Year
	Cash from Operations		
1.	Premiums collected net of reinsurance	21,849,808,828	19,889,171,366
2.	Net investment income	13,912,464,106	13,421,014,960
3.	Miscellaneous income	317,482,570	335,420,403
4.	Total (Lines 1 through 3)	36,079,755,504	33,645,606,728
5.	Benefit and loss related payments	26,238,507,505	25,848,540,708
6.	Net transfers to Separate Accounts, Segregated Accounts and Protected Cell Accounts	(1,293,327,693)	(594,907,448)
7.	Commissions, expenses paid and aggregate write-ins for deductions	1,216,909,248	1,665,247,102
8.	Dividends paid to policyholders	2,010,577,967	1,990,259,268
9.	Federal and foreign income taxes paid (recovered) net of $ 0 tax on capital gains (losses)	4,245,522	(39,914,821)
10.	Total (Lines 5 through 9)	28,176,912,550	28,869,224,810
11.	Net cash from operations (Line 4 minus Line 10)	7,902,842,954	4,776,381,918
	Cash from Investments		
12.	Proceeds from investments sold, matured or repaid:		
	12.1 Bonds	25,763,099,913	20,225,490,700
	12.2 Stocks	3,123,364,511	2,543,297,589
	12.3 Mortgage loans	5,583,189,772	3,234,988,650
	12.4 Real estate	237,901,025	776,879,943
	12.5 Other invested assets	4,996,315,132	3,884,716,097
	12.6 Net gains or (losses) on cash, cash equivalents and short-term investments	68,141,854	12,005,880
	12.7 Miscellaneous proceeds	174,422,918	869,036,829
	12.8 Total investment proceeds (Lines 12.1 to 12.7)	39,946,435,125	31,546,415,688
13.	Cost of investments acquired (long-term only exclude cash equivalents and short-term investments):		
	13.1 Bonds	34,574,241,894	21,468,217,760
	13.2 Stocks	4,438,364,392	2,984,164,376
	13.3 Mortgage loans	3,619,301,008	1,710,905,256
	13.4 Real estate	118,202,203	481,737,488
	13.5 Other invested assets	4,960,268,710	5,483,565,250
	13.6 Miscellaneous applications	3,189,333,253	1,324,002,404
	13.7 Total investments acquired (Lines 13.1 to 13.6)	50,899,711,460	33,452,592,534
14.	Net increase/(decrease) in contract loans and premium notes	(69,729,173)	(129,911,129)
15.	Net cash from investments (Line 12.8 minus Line 13.7 minus Line 14)	(10,883,547,162)	(1,776,265,717)
	Cash from Financing and Miscellaneous Sources		
16.	Cash provided (applied):		
	16.1 Surplus notes, capital notes	741,164	(349,618,706)
	16.2 Capital and paid in surplus, less treasury stock		
	16.3 Borrowed funds	10,000,000	(60,000,000)
	16.4 Net deposits on deposit-type contracts and other insurance liabilities	62,782,229	103,855,737
	16.5 Dividends to stockholders		
	16.6 Other cash provided (applied)	(97,376,307)	48,753,218
17.	Net cash from financing and miscellaneous sources (Lines 16.1 to 16.4 minus Line 16.5 plus Line 16.6)	(23,852,914)	(257,009,751)
	RECONCILIATION OF CASH, CASH EQUIVALENTS AND SHORT-TERM INVESTMENTS		
18.	Net change in cash, cash equivalents and short-term investments (Line 11, plus Lines 15 and 17)	(3,004,557,121)	2,743,106,450
19.	Cash, cash equivalents and short-term investments:		
	19.1 Beginning of year	3,540,892,154	797,785,704
	19.2 End of year (Line 18 plus Line 19.1)	536,335,033	3,540,892,154

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

20.0001. Exchange/transfer/conversion/distribution of invested assets	5,730,332,631	6,047,363,366
20.0002. Capitalized interest	481,533,190	392,498,180
20.0003. Additional amounts credited or applied to annuities	2,314,298,252	2,722,993,820
20.0004. Interest credited on deposit type contracts	674,146,957	660,083,071

ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - SUMMARY

		1 Total	2 Individual Life	3 Group Life	4 Individual Annuities	5 Group Annuities	6 Accident and Health	7 Fraternal	8 Other Lines of Business	9 YRT Mortality Risk Only
1.	Premiums and annuity considerations for life and accident and health contracts	20,006,614,757	193,797,626	21,695,900	6,350,068,008	13,441,051,702	1,521			
2.	Considerations for supplementary contracts with life contingencies	72,857,041	XXX	XXX	72,857,041		XXX	XXX		XXX
3.	Net investment income	14,460,486,735	178,129,188	15,846,689	9,910,654,189	4,355,856,669				
4.	Amortization of Interest Maintenance Reserve (IMR)	151,462,551	1,827,638	90,808	121,374,319	28,169,786				
5.	Separate Accounts net gain from operations excluding unrealized gains or losses	35,725,323			(719,368)	36,444,691		XXX		
6.	Commissions and expense allowances on reinsurance ceded	6,710,433	5,697,867	1,012,566				XXX		
7.	Reserve adjustments on reinsurance ceded	(7,042,610)	(1,619,433)	(5,423,177)				XXX		
8.	Miscellaneous Income:									
	8.1 Income from fees associated with investment management, administration and contract guarantees from Separate Accounts	273,078,241	3,343,993	2,211,088	167,498,912	100,024,248		XXX		
	8.2 Charges and fees for deposit-type contracts						XXX	XXX		
	8.3 Aggregate write-ins for miscellaneous income	4,127,902,146	5,282,366	72,075	2,540,393,934	1,582,153,771				
9.	Totals (Lines 1 to 8.3)	39,127,794,617	386,459,245	35,505,949	19,162,127,035	19,543,700,867	1,521			
10.	Death benefits	97,938,792	90,380,819	7,557,973			XXX	XXX		
11.	Matured endowments (excluding guaranteed annual pure endowments)	342,616	342,616				XXX	XXX		
12.	Annuity benefits	8,968,316,925	XXX	XXX	8,286,316,673	682,000,252	XXX	XXX		XXX
13.	Disability benefits and benefits under accident and health contracts	12,524,911	12,523,968				943	XXX		
14.	Coupons, guaranteed annual pure endowments and similar benefits							XXX		
15.	Surrender benefits and withdrawals for life contracts	16,896,855,136	79,072,712	3,670,826	7,334,069,625	9,480,041,973	XXX	XXX		
16.	Group conversions							XXX		
17.	Interest and adjustments on contract or deposit-type contract funds	675,005,246	1,180,756	6,789	366,847,364	306,970,337		XXX		
18.	Payments on supplementary contracts with life contingencies	143,860,158			143,860,158		XXX	XXX		
19.	Increase in aggregate reserves for life and accident and health contracts	5,212,959,188	(4,096,377)	7,854,821	(424,429,658)	5,633,630,402		XXX		
20.	Totals (Lines 10 to 19)	32,007,802,972	179,404,494	19,090,409	15,706,664,162	16,102,642,964	943	XXX		
21.	Commissions on premiums, annuity considerations and deposit-type contract funds (direct business only)	2,176,716	585,363	1,591,353						XXX
22.	Commissions and expense allowances on reinsurance assumed							XXX		
23.	General insurance expenses and fraternal expenses	1,373,097,214	48,530,955	1,866,175	1,039,479,737	283,499,757	(279,410)			
24.	Insurance taxes, licenses and fees, excluding federal income taxes	47,994,681	5,521,135	352,056	34,692,475	8,364,975	(935,960)			
25.	Increase in loading on deferred and uncollected premiums	6,863	6,863					XXX		
26.	Net transfers to or (from) Separate Accounts net of reinsurance	(1,293,789,405)	(4,897,084)	(285,331)	(1,028,883,315)	(259,723,675)		XXX		
27.	Aggregate write-ins for deductions	309,289,854	2,321	573	(1,372,803,476)	1,682,090,436				
28.	Totals (Lines 20 to 27)	32,446,578,896	229,154,047	22,615,235	14,379,149,583	17,816,874,457	(1,214,427)			
29.	Net gain from operations before dividends to policyholders, refunds to members and federal income taxes (Line 9 minus Line 28)	6,681,215,721	157,305,198	12,890,714	4,782,977,452	1,726,826,410	1,215,948			
30.	Dividends to policyholders and refunds to members	4,328,870,786	75,408,515		3,301,468,365	951,993,906		XXX		
31.	Net gain from operations after dividends to policyholders, refunds to members and before federal income taxes (Line 29 minus Line 30)	2,352,344,935	81,896,683	12,890,714	1,481,509,087	774,832,504	1,215,948			
32.	Federal income taxes incurred (excluding tax on capital gains)	4,126,339	143,658	22,612	2,598,772	1,359,163	2,133			
33.	Net gain from operations after dividends to policyholders, refunds to members and federal income taxes and before realized capital gains or (losses) (Line 31 minus Line 32)	2,348,218,596	81,753,025	12,868,102	1,478,910,315	773,473,341	1,213,815			
34.	Policies/certificates in force end of year	4,912,475	81,353	1,892	2,191,655	2,637,571	4	XXX		
	DETAILS OF WRITE-INS									
08.301.	Additional amounts credited or applied to annuities	2,314,298,252			1,352,485,773	961,812,479				
08.302.	Consideration on annuity product rollovers	1,708,153,940			1,137,164,183	570,989,757				
08.303.	Policyholder reinvestment of annuity benefits	54,207,645			35,879,710	18,327,935				
08.398.	Summary of remaining write-ins for Line 8.3 from overflow page	51,242,309	5,282,366	72,075	14,864,268	31,023,600				
08.399.	Totals (Lines 08.301 through 08.303 plus 08.398) (Line 8.3 above)	4,127,902,146	5,282,366	72,075	2,540,393,934	1,582,153,771				
2701.	Miscellaneous deductions	309,289,257	2,321	573	(1,372,803,655)	1,682,090,018				
2702.	Miscellaneous fines and penalties	597			179	418				
2703.										
2798.	Summary of remaining write-ins for Line 27 from overflow page									
2799.	Totals (Lines 2701 through 2703 plus 2798) (Line 27 above)	309,289,854	2,321	573	(1,372,803,476)	1,682,090,436				

ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - INDIVIDUAL LIFE INSURANCE [b]

		1 Total	2 Industrial Life	3 Whole Life	4 Term Life	5 Indexed Life	6 Universal Life	7 Universal Life With Secondary Guarantees	8 Variable Life	9 Variable Universal Life	10 Credit Life (c)	11 Other Individual Life	12 YRT Mortality Risk Only
1.	Premiums for life contracts [a]	193,797,626		37,106,409	107,278,567		30,996,692			18,415,958			
2.	Considerations for supplementary contracts with life contingencies	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
3.	Net investment income	178,129,188		42,190,403	21,699,769		98,033,873			16,205,143			
4.	Amortization of Interest Maintenance Reserve (IMR)	1,827,638		766,688	279,341		672,265			109,344			
5.	Separate Accounts net gain from operations excluding unrealized gains or losses												
6.	Commissions and expense allowances on reinsurance ceded	5,697,867			5,315,071		255,433			127,363			
7.	Reserve adjustments on reinsurance ceded	(1,619,433)					149,062			(1,768,495)			
8.	Miscellaneous Income:												
	8.1 Income from fees associated with investment management, administration and contract guarantees from Separate Accounts	3,343,993								3,343,993			
	8.2 Charges and fees for deposit-type contracts												
	8.3 Aggregate write-ins for miscellaneous income	5,282,367			3,316,207		1,552,707			413,453			
9.	Totals (Lines 1 to 8.3)	386,459,246		80,063,500	137,888,955		131,660,032			36,846,759			
10.	Death benefits	90,380,819		32,034,975	34,193,484		10,569,144			13,583,216			
11.	Matured endowments (excluding guaranteed annual pure endowments)	342,616		342,616									
12.	Annuity benefits	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
13.	Disability benefits and benefits under accident and health contracts	12,523,968		10,688,454	1,835,514								
14.	Coupons, guaranteed annual pure endowments and similar benefits												
15.	Surrender benefits and withdrawals for life contracts	79,072,712		4,061,613	176		55,043,140			19,967,783			
16.	Group conversions												
17.	Interest and adjustments on contract or deposit-type contract funds	1,180,756		410,077	454,286		233,254			83,139			
18.	Payments on supplementary contracts with life contingencies												
19.	Increase in aggregate reserves for life and accident and health contracts	(4,096,377)		(4,283,423)	(13,807,956)		14,876,854			(881,852)			
20.	Totals (Lines 10 to 19)	179,404,494		43,254,312	22,675,504		80,722,392			32,752,286			
21.	Commissions on premiums, annuity considerations and deposit-type contract funds (direct business only)	585,363			1,397		381,096			202,870			XXX
22.	Commissions and expense allowances on reinsurance assumed												
23.	General insurance expenses	48,530,955		22,860,438	17,396,208		5,043,108			3,231,200			
24.	Insurance taxes, licenses and fees, excluding federal income taxes	5,521,135		1,963,202	2,097,750		668,066			792,117			
25.	Increase in loading on deferred and uncollected premiums	6,863		(78,071)	84,934								
26.	Net transfers to or (from) Separate Accounts net of reinsurance	(4,897,084)					(594,522)			(4,302,562)			
27.	Aggregate write-ins for deductions	2,322		(4)	116		1,922			288			
28.	Totals (Lines 20 to 27)	229,154,048		67,999,878	42,255,909		86,222,062			32,676,199			
29.	Net gain from operations before dividends to policyholders, refunds to members and federal income taxes (Line 9 minus Line 28)	157,305,198		12,063,622	95,633,046		45,437,970			4,170,560			
30.	Dividends to policyholders and refunds to members	75,408,515		16,065,583	59,342,932								
31.	Net gain from operations after dividends to policyholders, refunds to members and before federal income taxes (Line 29 minus Line 30)	81,896,683		(4,001,961)	36,290,114		45,437,970			4,170,560			
32.	Federal income taxes incurred (excluding tax on capital gains)	143,658		(7,020)	63,658		79,704			7,316			
33.	Net gain from operations after dividends to policyholders, refunds to members and federal income taxes and before realized capital gains or (losses) (Line 31 minus Line 32)	81,753,025		(3,994,941)	36,226,456		45,358,266			4,163,244			
34.	Policies/certificates in force end of year	81,353		11,023	58,930		7,706			3,694			
	DETAILS OF WRITE-INS												
08.301.	Miscellaneous income	5,282,367			3,316,207		1,552,707			413,453			
08.302.													
08.303.													
08.398.	Summary of remaining write-ins for Line 8.3 from overflow page												
08.399.	Totals (Lines 08.301 through 08.303 plus 08.398) (Line 8.3 above)	5,282,367			3,316,207		1,552,707			413,453			
2701.	Miscellaneous deductions	2,322		(4)	116		1,922			288			
2702.													
2703.													
2798.	Summary of remaining write-ins for Line 27 from overflow page												
2799.	Totals (Lines 2701 through 2703 plus 2798) (Line 27 above)	2,322		(4)	116		1,922			288			

(a) Include premium amounts for preneed plans included in Line 1

(b) 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.

(c) Individual and Group Credit Life are combined and included on page. (Indicate whether included with Individual or Group.)

ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - GROUP LIFE INSURANCE (c)

		1 Total	2 Whole Life	3 Term Life	4 Universal Life	5 Variable Life	6 Variable Universal Life	7 Credit Life (d)	8 Other Group Life (a)	9 YRT Mortality Risk Only
1.	Premiums for life contracts (b)	21,695,900			12,713,374		8,982,526			
2.	Considerations for supplementary contracts with life contingencies	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
3.	Net investment income	15,846,689			12,467,364		3,379,325			
4.	Amortization of Interest Maintenance Reserve (IMR)	90,808			71,464		19,344			
5.	Separate Accounts net gain from operations excluding unrealized gains or losses									
6.	Commissions and expense allowances on reinsurance ceded	1,012,566			472,035		540,531			
7.	Reserve adjustments on reinsurance ceded	(5,423,177)			(2,789,599)		(2,633,578)			
8.	Miscellaneous Income:									
	8.1 Income from fees associated with investment management, administration and contract guarantees from Separate Accounts	2,211,088					2,211,088			
	8.2 Charges and fees for deposit-type contracts									
	8.3 Aggregate write-ins for miscellaneous income	72,075			72,075					
9.	Totals (Lines 1 to 8.3)	35,505,949			23,006,713		12,499,236			
10.	Death benefits	7,557,973			5,417,776		2,140,197			
11.	Matured endowments (excluding guaranteed annual pure endowments)									
12.	Annuity benefits	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
13.	Disability benefits and benefits under accident and health contracts									
14.	Coupons, guaranteed annual pure endowments and similar benefits									
15.	Surrender benefits and withdrawals for life contracts	3,670,826			2,061,337		1,609,489			
16.	Group conversions									
17.	Interest and adjustments on contract or deposit-type contract funds	6,789			966		5,823			
18.	Payments on supplementary contracts with life contingencies									
19.	Increase in aggregate reserves for life and accident and health contracts	7,854,821			7,252,259		602,562			
20.	Totals (Lines 10 to 19)	19,090,409			14,732,338		4,358,071			
21.	Commissions on premiums, annuity considerations and deposit-type contract funds (direct business only)	1,591,353			745,307		846,046			XXX
22.	Commissions and expense allowances on reinsurance assumed									
23.	General insurance expenses	1,866,175			935,700		930,475			
24.	Insurance taxes, licenses and fees, excluding federal income taxes	352,056			123,953		228,102			
25.	Increase in loading on deferred and uncollected premiums									
26.	Net transfers to or (from) Separate Accounts net of reinsurance	(285,331)					(285,331)			
27.	Aggregate write-ins for deductions	573			573					
28.	Totals (Lines 20 to 27)	22,615,235			16,537,872		6,077,363			
29.	Net gain from operations before dividends to policyholders, refunds to members and federal income taxes (Line 9 minus Line 28)	12,890,714			6,468,842		6,421,873			
30.	Dividends to policyholders and refunds to members									
31.	Net gain from operations after dividends to policyholders, refunds to members and before federal income taxes (Line 29 minus Line 30)	12,890,714			6,468,842		6,421,873			
32.	Federal income taxes incurred (excluding tax on capital gains)	22,612			11,347		11,265			
33.	Net gain from operations after dividends to policyholders, refunds to members and federal income taxes and before realized capital gains or (losses) (Line 31 minus Line 32)	12,868,102			6,457,495		6,410,608			
34.	Policies/certificates in force end of year	1,892			897		995			
	DETAILS OF WRITE-INS									
08.301.	Miscellaneous income	72,075			72,075					
08.302.										
08.303.										
08.398.	Summary of remaining write-ins for Line 8.3 from overflow page									
08.399.	Totals (Lines 08.301 through 08.303 plus 08.398) (Line 8.3 above)	72,075			72,075					
2701.	Miscellaneous deductions	573			573					
2702.										
2703.										
2798.	Summary of remaining write-ins for Line 27 from overflow page									
2799.	Totals (Lines 2701 through 2703 plus 2798) (Line 27 above)	573			573					

(a) Includes the following amounts for FEGLI/SGLI: Line 1 ..... , Line 10 ..... , Line 16 ..... , Line 23 ..... , Line 24 .....

(b) Include premium amounts for preneed plans included in Line 1 .....

(c) 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. .....

(d) Individual and Group Credit Life are combined and included on ..... page. (Indicate whether included with Individual or Group.)

ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - INDIVIDUAL ANNUITIES [a]

		1	Deferred				6	7
			2	3	4	5		
		Total	Fixed Annuities	Indexed Annuities	Variable Annuities with Guarantees	Variable Annuities Without Guarantees	Life Contingent Payout (Immediate and Annuitizations)	Other Annuities
1.	Premiums for individual annuity contracts	6,350,068,008	1,101,331		6,341,154,314		7,812,363	
2.	Considerations for supplementary contracts with life contingencies	72,857,041	XXX	XXX	XXX	XXX	72,857,041	XXX
3.	Net investment income	9,910,654,189	662,494,933		6,993,743,128		2,154,838,936	99,577,192
4.	Amortization of Interest Maintenance Reserve (IMR)	121,374,319	4,939,233		55,722,001		59,462,086	1,250,999
5.	Separate Accounts net gain from operations excluding unrealized gains or losses	(719,368)	(719,368)					
6.	Commissions and expense allowances on reinsurance ceded							
7.	Reserve adjustments on reinsurance ceded							
8.	Miscellaneous Income:							
	8.1 Income from fees associated with investment management, administration and contract guarantees from Separate Accounts	167,498,912			167,498,912			
	8.2 Charges and fees for deposit-type contracts							
	8.3 Aggregate write-ins for miscellaneous income	2,540,393,933	(60,716)		2,459,186,193		81,246,742	21,714
9.	Totals (Lines 1 to 8.3)	19,162,127,034	667,755,413		16,017,304,548		2,376,217,168	100,849,905
10.	Death benefits							
11.	Matured endowments (excluding guaranteed annual pure endowments)							
12.	Annuity benefits	8,286,316,673	2,291,196,311		3,384,375,288		2,610,745,074	
13.	Disability benefits and benefits under accident and health contracts							
14.	Coupons, guaranteed annual pure endowments and similar benefits							
15.	Surrender benefits and withdrawals for life contracts	7,334,069,625	2,308,796		7,331,003,515	7,282	750,032	
16.	Group conversions							
17.	Interest and adjustments on contract or deposit-type contract funds	366,847,364	9,057		325,645,837		1,896	41,190,574
18.	Payments on supplementary contracts with life contingencies	143,860,158			117,660,755	96,601	26,102,802	
19.	Increase in aggregate reserves for life and accident and health contracts	(424,429,658)	436,766,193		(2,203,206,858)		1,342,011,007	
20.	Totals (Lines 10 to 19)	15,706,664,162	2,730,280,357		8,955,478,537	103,883	3,979,610,811	41,190,574
21.	Commissions on premiums, annuity considerations and deposit-type contract funds (direct business only)							
22.	Commissions and expense allowances on reinsurance assumed							
23.	General insurance expenses	1,039,479,737	74,720,268		735,488,615		229,270,854	
24.	Insurance taxes, licenses and fees, excluding federal income taxes	34,692,475	2,493,777		24,546,819		7,651,879	
25.	Increase in loading on deferred and uncollected premiums							
26.	Net transfers to or (from) Separate Accounts net of reinsurance	(1,028,883,315)	(856,588)		(1,024,509,582)	(103,883)	(3,410,051)	(3,211)
27.	Aggregate write-ins for deductions	(1,372,803,476)	(2,513,150,037)		4,742,454,922		(3,602,108,385)	24
28.	Totals (Lines 20 to 27)	14,379,149,583	293,487,778		13,433,459,310		611,015,108	41,187,387
29.	Net gain from operations before dividends to policyholders, refunds to members and federal income taxes (Line 9 minus Line 28)	4,782,977,451	374,267,635		2,583,845,238		1,765,202,060	59,662,518
30.	Dividends to policyholders and refunds to members	3,301,468,365	186,421,138		1,228,110,314		1,877,697,872	9,239,041
31.	Net gain from operations after dividends to policyholders, refunds to members and before federal income taxes (Line 29 minus Line 30)	1,481,509,086	187,846,497		1,355,734,924		(112,495,812)	50,423,477
32.	Federal income taxes incurred (excluding tax on capital gains)	2,598,772	329,509		2,378,146		(197,333)	88,450
33.	Net gain from operations after dividends to policyholders, refunds to members and federal income taxes and before realized capital gains or (losses) (Line 31 minus Line 32)	1,478,910,314	187,516,988		1,353,356,778		(112,298,479)	50,335,027
34.	Policies/certificates in force end of year	2,191,655	252,223		1,442,773		496,659	
	DETAILS OF WRITE-INS							
08.301.	Additional amounts credited or applied to annuities	1,352,485,772	24		1,281,282,986		71,202,762	
08.302.	Consideration on annuity product rollovers	1,137,164,183	20,000		1,137,144,183			
08.303.	Policyholder reinvestment of annuity benefits	35,879,710	(80,740)		35,960,450			
08.398.	Summary of remaining write-ins for Line 8.3 from overflow page	14,864,268			4,798,574		10,043,980	21,714
08.399.	Totals (Lines 08.301 through 08.303 plus 08.398) (Line 8.3 above)	2,540,393,933	(60,716)		2,459,186,193		81,246,742	21,714
2701.	Miscellaneous deductions	(1,372,803,655)	(2,513,150,037)		4,742,454,743		(3,602,108,385)	24
2702.	Miscellaneous fines and penalties	179			179			
2703.								
2798.	Summary of remaining write-ins for Line 27 from overflow page							
2799.	Totals (Lines 2701 through 2703 plus 2798) (Line 27 above)	(1,372,803,476)	(2,513,150,037)		4,742,454,922		(3,602,108,385)	24

(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 which columns are affected.

ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - GROUP ANNUITIES [a]

		1	Deferred				6	7
			2	3	4	5	Life Contingent Payout (Immediate and Annuitizations)	
		Total	Fixed Annuities	Indexed Annuities	Variable Annuities with Guarantees	Variable Annuities Without Guarantees		Other Annuities
1.	Premiums for group annuity contracts	13,441,051,702	792,924,705		12,648,126,997			
2.	Considerations for supplementary contracts with life contingencies		XXX	XXX	XXX	XXX		XXX
3.	Net investment income	4,355,856,669	33,255,370		3,975,970,409			346,630,890
4.	Amortization of Interest Maintenance Reserve (IMR)	28,169,786	210,326		29,616,487			(1,657,027)
5.	Separate Accounts net gain from operations excluding unrealized gains or losses	36,444,691	36,357,224		80,178			7,289
6.	Commissions and expense allowances on reinsurance ceded							
7.	Reserve adjustments on reinsurance ceded							
8.	Miscellaneous Income:							
	8.1 Income from fees associated with investment management, administration and contract guarantees from Separate Accounts	100,024,248			100,024,248			
	8.2 Charges and fees for deposit-type contracts							
	8.3 Aggregate write-ins for miscellaneous income	1,582,153,772	32,504,882		1,547,745,229			1,903,661
9.	Totals (Lines 1 to 8.3)	19,543,700,868	895,252,507		18,301,563,548			346,884,813
10.	Death benefits							
11.	Matured endowments (excluding guaranteed annual pure endowments)							
12.	Annuity benefits	682,000,252	15,787,278		666,212,974			
13.	Disability benefits and benefits under accident and health contracts							
14.	Coupons, guaranteed annual pure endowments and similar benefits							
15.	Surrender benefits and withdrawals for life contracts	9,480,041,973	681,022,059		8,799,019,914			
16.	Group conversions							
17.	Interest and adjustments on contract or deposit-type contract funds	306,970,337			6,028,466			300,941,871
18.	Payments on supplementary contracts with life contingencies							
19.	Increase in aggregate reserves for life and accident and health contracts	5,633,630,402	57,899,439		5,575,730,963			
20.	Totals (Lines 10 to 19)	16,102,642,964	754,708,776		15,046,992,317			300,941,871
21.	Commissions on premiums, annuity considerations and deposit-type contract funds (direct business only)							
22.	Commissions and expense allowances on reinsurance assumed							
23.	General insurance expenses	283,499,757	1,848,838		248,848,098			32,802,821
24.	Insurance taxes, licenses and fees, excluding federal income taxes	8,364,975	61,032		8,214,751			89,192
25.	Increase in loading on deferred and uncollected premiums							
26.	Net transfers to or (from) Separate Accounts net of reinsurance	(259,723,675)	(16,240,205)		(243,483,470)			
27.	Aggregate write-ins for deductions	1,682,090,436	45,511,098		1,636,528,022			51,316
28.	Totals (Lines 20 to 27)	17,816,874,457	785,889,539		16,697,099,718			333,885,200
29.	Net gain from operations before dividends to policyholders, refunds to members and federal income taxes (Line 9 minus Line 28)	1,726,826,411	109,362,968		1,604,463,830			12,999,613
30.	Dividends to policyholders and refunds to members	951,993,906	9,427,126		942,566,780			
31.	Net gain from operations after dividends to policyholders, refunds to members and before federal income taxes (Line 29 minus Line 30)	774,832,505	99,935,842		661,897,050			12,999,613
32.	Federal income taxes incurred (excluding tax on capital gains)	1,359,163	175,301		1,161,059			22,803
33.	Net gain from operations after dividends to policyholders, refunds to members and federal income taxes and before realized capital gains or (losses) (Line 31 minus Line 32)	773,473,342	99,760,541		660,735,991			12,976,810
34.	Policies/certificates in force end of year	2,637,571	536,837		2,100,734			
	DETAILS OF WRITE-INS							
08.301.	Additional amounts credited or applied to annuities	961,812,480	9,243,773		952,568,707			
08.302.	Consideration on annuity product rollovers	570,989,758	14,665,717		556,324,041			
08.303.	Miscellaneous income	31,023,600	61,787		29,058,152			1,903,661
08.398.	Summary of remaining write-ins for Line 8.3 from overflow page	18,327,934	8,533,605		9,794,329			
08.399.	Totals (Lines 08.301 through 08.303 plus 08.398) (Line 8.3 above)	1,582,153,772	32,504,882		1,547,745,229			1,903,661
2701.	Miscellaneous deductions	1,682,090,018	45,511,098		1,636,527,604			51,316
2702.	Miscellaneous fines and penalties	418			418			
2703.								
2798.	Summary of remaining write-ins for Line 27 from overflow page							
2799.	Totals (Lines 2701 through 2703 plus 2798) (Line 27 above)	1,682,090,436	45,511,098		1,636,528,022			51,316

(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 [a]

		1	Comprehensive (Hospital & Medical)		4	5	6	7	8	9	10	11	12	13
			2	3										
		Total	Individual	Group	Medicare Supplement	Vision Only	Dental Only	Federal Employees Health Benefits Plan	Title XVIII Medicare	Title XIX Medicaid	Credit A&H	Disability Income	Long-Term Care	Other Health
1.	Premiums for accident and health contracts	1,521	1,521											
2.	Considerations for supplementary contracts with life contingencies	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
3.	Net investment income													
4.	Amortization of Interest Maintenance Reserve (IMR)													
5.	Separate Accounts net gain from operations excluding unrealized gains or losses													
6.	Commissions and expense allowances on reinsurance ceded													
7.	Reserve adjustments on reinsurance ceded													
8.	Miscellaneous Income:													
	8.1 Income from fees associated with investment management, administration and contract guarantees from Separate Accounts													
	8.2 Charges and fees for deposit-type contracts	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
	8.3 Aggregate write-ins for miscellaneous income													
9.	Totals (Lines 1 to 8.3)	1,521	1,521											
10.	Death benefits	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
11.	Matured endowments (excluding guaranteed annual pure endowments)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
12.	Annuity benefits	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
13.	Disability benefits and benefits under accident and health contracts	943	943											
14.	Coupons, guaranteed annual pure endowments and similar benefits													
15.	Surrender benefits and withdrawals for life contracts	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
16.	Group conversions													
17.	Interest and adjustments on contract or deposit-type contract funds													
18.	Payments on supplementary contracts with life contingencies	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
19.	Increase in aggregate reserves for life and accident and health contracts													
20.	Totals (Lines 10 to 19)	943	943											
21.	Commissions on premiums, annuity considerations and deposit-type contract funds (direct business only)													
22.	Commissions and expense allowances on reinsurance assumed													
23.	General insurance expenses	(279,410)											(279,410)	
24.	Insurance taxes, licenses and fees, excluding federal income taxes	(935,960)											(935,960)	
25.	Increase in loading on deferred and uncollected premiums													
26.	Net transfers to or (from) Separate Accounts net of reinsurance													
27.	Aggregate write-ins for deductions													
28.	Totals (Lines 20 to 27)	(1,214,427)	943										(1,215,370)	
29.	Net gain from operations before dividends to policyholders, and refunds to members and federal income taxes (Line 9 minus Line 28)	1,215,948	578										1,215,370	
30.	Dividends to policyholders and refunds to members													
31.	Net gain from operations after dividends to policyholders, refunds to members and before federal income taxes (Line 29 minus Line 30)	1,215,948	578										1,215,370	
32.	Federal income taxes incurred (excluding tax on capital gains)	2,133	1										2,132	
33.	Net gain from operations after dividends to policyholders, refunds to members and federal income taxes and before realized capital gains or (losses) (Line 31 minus Line 32)	1,213,815	577										1,213,238	
34.	Policies/certificates in force end of year	4	4											
	DETAILS OF WRITE-INS													
08.301.														
08.302.														
08.303.														
08.398.	Summary of remaining write-ins for Line 8.3 from overflow page													
08.399.	Totals (Lines 08.301 through 08.303 plus 08.398) (Line 8.3 above)													
2701.														
2702.														
2703.														
2798.	Summary of remaining write-ins for Line 27 from overflow page													
2799.	Totals (Lines 2701 through 2703 plus 2798) (Line 27 above)													

(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 INCREASE IN RESERVES DURING THE YEAR - INDIVIDUAL LIFE INSURANCE (a)

	1 Total	2 Industrial Life	3 Whole Life	4 Term Life	5 Indexed Life	6 Universal Life	7 Universal Life With Secondary Guarantees	8 Variable Life	9 Variable Universal Life	10 Credit Life (b) (N/A Fratermal)	11 Other Individual Life	12 YRT Mortality Risk Only
Involving Life or Disability Contingencies (Reserves) (Net of Reinsurance Ceded)												
1. Reserve December 31 of prior year	2,702,059,459		386,493,913	290,926,620		1,732,895,319			291,743,607			
2. Tabular net premiums or considerations	229,835,707		27,221,997	133,325,183		43,243,816			26,044,710			
3. Present value of disability claims incurred	2,334,223		1,645,662	688,561								
4. Tabular interest	96,997,350		16,014,585	12,048,950		58,743,255			10,190,560			
5. Tabular less actual reserve released	5,289,005		9,042,792	(3,753,788)								
6. Increase in reserve on account of change in valuation basis												
6.1 Change in excess of VM-20 deterministic/stochastic reserve over net premium reserve		XXX								XXX		
7. Other increases (net)	(38,506,781)					(24,757,738)			(13,749,043)			
8. Totals (Lines 1 to 7)	2,998,008,963		440,418,950	433,235,526		1,810,124,653			314,229,834			
9. Tabular cost	158,607,359		21,771,747	136,835,612								
10. Reserves released by death	34,404,837		19,216,928	317,107		8,879,908			5,990,893			
11. Reserves released by other terminations (net)	99,464,839		6,531,330	17,128,615		53,472,571			22,332,323			
12. Annuity, supplementary contract and disability payments involving life contingencies	12,523,968		10,688,454	1,835,514								
13. Net transfers to or (from) Separate Accounts	(4,955,137)								(4,955,137)			
14. Total Deductions (Lines 9 to 13)	300,045,867		58,208,460	156,116,849		62,352,479			23,368,078			
15. Reserve December 31 of current year	2,697,963,096		382,210,490	277,118,678		1,747,772,173			290,861,755			
Cash Surrender Value and Policy Loans												
16. CSV ending balance December 31, current year	2,322,410,407		314,955,542	27,238		1,723,286,170			284,141,457			
17. Amount available for policy loans based upon Line 16 CSV	2,309,222,053		301,767,188	27,238		1,723,286,170			284,141,457			

(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. .....

(b) Individual and Group Credit Life are combined and included on ..... page. (Indicate whether included with Individual or Group.)

ANALYSIS OF INCREASE IN RESERVES DURING THE YEAR - GROUP LIFE INSURANCE [a]

(N/A Fraternal)

		1 Total	2 Whole Life	3 Term Life	4 Universal Life	5 Variable Life	6 Variable Universal Life	7 Credit Life [b]	8 Other Group Life	9 YRT Mortality Risk Only
	Involving Life or Disability Contingencies (Reserves) (Net of Reinsurance Ceded)									
1.	Reserve December 31 of prior year	396,669,242			313,182,699		83,486,543			
2.	Tabular net premiums or considerations	38,221,203			22,730,184		15,491,019			
3.	Present value of disability claims incurred									
4.	Tabular interest	10,281,158			7,861,613		2,419,545			
5.	Tabular less actual reserve released									
6.	Increase in reserve on account of change in valuation basis									
7.	Other increases (net)	(27,784,405)			(14,755,382)		(13,029,023)			
8.	Totals (Lines 1 to 7)	417,387,199			329,019,114		88,368,085			
9.	Tabular cost									
10.	Reserves released by death	6,236,961			4,383,216		1,853,745			
11.	Reserves released by other terminations (net)	7,446,192			4,200,940		3,245,251			
12.	Annuity, supplementary contract and disability payments involving life contingencies									
13.	Net transfers to or (from) Separate Accounts	(820,017)					(820,017)			
14.	Total Deductions (Lines 9 to 13)	12,863,135			8,584,156		4,278,979			
15.	Reserve December 31 of current year	404,524,063			320,434,958		84,089,105			
	Cash Surrender Value and Policy Loans									
16.	CSV ending balance December 31, current year	374,245,567			295,613,129		78,632,439			
17.	Amount available for policy loans based upon Line 16 CSV	374,245,567			295,613,129		78,632,439			

(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. .....

(b) Individual and Group Credit Life are combined and included on ..... page. (Indicate whether included with Individual or Group.)

ANALYSIS OF INCREASE IN RESERVES DURING THE YEAR - INDIVIDUAL ANNUITIES (a)

		1	Deferred				6	7
			2	3	4	5	Life Contingent Payout (Immediate and Annuitizations)	Other Annuities
		Total	Fixed Annuities	Indexed Annuities	Variable Annuities with Guarantees	Variable Annuities without Guarantees		
	Involving Life or Disability Contingencies (Reserves) (Net of Reinsurance Ceded)							
1.	Reserve December 31 of prior year	163,981,722,986	11,553,757,495		116,977,463,614		35,450,501,876	
2.	Tabular net premiums or considerations	7,775,410,797	1,101,355		7,674,272,877		100,036,565	
3.	Present value of disability claims incurred	XXX	XXX	XXX	XXX	XXX	XXX	XXX
4.	Tabular interest	4,603,251,943	306,459,674		3,451,041,373		845,750,897	
5.	Tabular less actual reserve released	(330,915,688)			1,007,784		(331,923,472)	
6.	Increase in reserve on account of change in valuation basis							
7.	Other increases (net)	2,264,544,539	2,423,665,180		(3,520,873,265)		3,361,752,624	
8.	Totals (Lines 1 to 7)	178,294,014,577	14,284,983,704		124,582,912,383		39,426,118,490	
9.	Tabular cost							
10.	Reserves released by death	XXX	XXX	XXX	XXX	XXX	XXX	XXX
11.	Reserves released by other terminations (net)							
12.	Annuity, supplementary contract and disability payments involving life contingencies	15,765,206,721	2,295,328,053		10,788,716,211		2,681,162,457	
13.	Net transfers to or (from) Separate Accounts	(1,028,485,472)	(868,038)		(980,060,584)		(47,556,850)	
14.	Total Deductions (Lines 9 to 13)	14,736,721,249	2,294,460,015		9,808,655,627		2,633,605,607	
15.	Reserve December 31 of current year	163,557,293,328	11,990,523,689		114,774,256,756		36,792,512,883	
	Cash Surrender Value and Policy Loans							
16.	CSV ending balance December 31, current year	30,328,614,151	236,980,774		29,833,721,047		257,912,330	
17.	Amount available for policy loans based upon Line 16 CSV							

(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 INCREASE IN RESERVES DURING THE YEAR - GROUP ANNUITIES (a)

(N/A Fraternal)

		1	Deferred				6	7
			2	3	4	5	Life Contingent Payout (Immediate and Annuitizations)	
		Total	Fixed Annuities	Indexed Annuities	Variable Annuities with Guarantees	Variable Annuities without Guarantees		Other Annuities
	Involving Life or Disability Contingencies (Reserves)							
	(Net of Reinsurance Ceded)							
1.	Reserve December 31 of prior year	70,611,496,283	512,568,880		70,098,927,403			
2.	Tabular net premiums or considerations	14,402,864,171	802,168,477		13,600,695,694			
3.	Present value of disability claims incurred	XXX	XXX	XXX	XXX	XXX	XXX	XXX
4.	Tabular interest	2,063,039,488	15,027,803		2,048,011,685			
5.	Tabular less actual reserve released	85,059	85,059					
6.	Increase in reserve on account of change in valuation basis							
7.	Other increases (net)	(924,947,335)	(78,812,769)		(846,134,566)			
8.	Totals (Lines 1 to 7)	86,152,537,667	1,251,037,451		84,901,500,216			
9.	Tabular cost							
10.	Reserves released by death	XXX	XXX	XXX	XXX	XXX	XXX	XXX
11.	Reserves released by other terminations (net)							
12.	Annuity, supplementary contract and disability payments involving life contingencies	10,167,134,657	696,809,337		9,470,325,320			
13.	Net transfers to or (from) Separate Accounts	(259,723,676)	(16,240,205)		(243,483,470)			
14.	Total Deductions (Lines 9 to 13)	9,907,410,982	680,569,132		9,226,841,850			
15.	Reserve December 31 of current year	76,245,126,685	570,468,320		75,674,658,366			
	Cash Surrender Value and Policy Loans							
16.	CSV ending balance December 31, current year	45,119,173,127	374,672,387		44,744,500,740			
17.	Amount available for policy loans based upon Line 16 CSV	7,291,096,323			7,291,096,323			

(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.

EXHIBIT OF NET INVESTMENT INCOME

		1 Collected During Year	2 Earned During Year
1.	U.S. Government bonds	(a) 657,882,769	681,049,072
1.1	Bonds exempt from U.S. tax	(a)	
1.2	Other bonds (unaffiliated)	(a) 9,443,648,007	9,560,718,621
1.3	Bonds of affiliates	(a) 4,816,453	3,409,145
2.1	Preferred stocks (unaffiliated)	(b) 70,073,385	70,303,621
2.11	Preferred stocks of affiliates	(b)	
2.2	Common stocks (unaffiliated)	187,363,029	187,243,889
2.21	Common stocks of affiliates	75,000,000	75,000,000
3.	Mortgage loans	(c) 1,739,417,192	1,737,662,018
4.	Real estate	(d) 471,731,369	472,370,079
5	Contract loans	20,821,352	19,397,500
6	Cash, cash equivalents and short-term investments	(e) 60,064,639	60,829,491
7	Derivative instruments	(f) 270,076,803	280,459,290
8.	Other invested assets	2,490,811,308	2,493,669,838
9.	Aggregate write-ins for investment income	40,432,895	40,432,895
10.	Total gross investment income	15,532,139,201	15,682,545,458
11.	Investment expenses		(g) 702,006,457
12.	Investment taxes, licenses and fees, excluding federal income taxes		(g) 63,507,253
13.	Interest expense		(h) 314,891,096
14.	Depreciation on real estate and other invested assets		(i) 110,220,064
15.	Aggregate write-ins for deductions from investment income		31,433,853
16.	Total deductions (Lines 11 through 15)		1,222,058,723
17.	Net investment income (Line 10 minus Line 16)		14,460,486,735
	DETAILS OF WRITE-INS		
0901.	Commitment and other fees	40,442,152	40,442,152
0902.	Transactional gains (losses) on bonds	(9,257)	(9,257)
0903.			
0998.	Summary of remaining write-ins for Line 9 from overflow page		
0999.	Totals (Lines 0901 through 0903 plus 0998) (Line 9, above)	40,432,895	40,432,895
1501.	Securities lending payments		31,555,216
1502.	Derivative investment expense		(121,363)
1503.			
1598.	Summary of remaining write-ins for Line 15 from overflow page		
1599.	Totals (Lines 1501 through 1503 plus 1598) (Line 15, above)		31,433,853

(a) Includes $ 253,424,916 accrual of discount less $ 123,224,140 amortization of premium and less $ 136,305,919 paid for accrued interest on purchases.

(b) Includes $ accrual of discount less $ amortization of premium and less $ 277,649 paid for accrued dividends on purchases.

(c) Includes $ 64,113,523 accrual of discount less $ 514,293 amortization of premium and less $ paid for accrued interest on purchases.

(d) Includes $ 25,227,557 for company's occupancy of its own buildings; and excludes $ 12,484,641 interest on encumbrances.

(e) Includes $ 32,207,345 accrual of discount less $ 449 amortization of premium and less $ 665,840 paid for accrued interest on purchases.

(f) Includes $ 13,228,605 accrual of discount less $ 203,052,528 amortization of premium.

(g) Includes $ 11,777 investment expenses and $ 1,067 investment taxes, licenses and fees, excluding federal income taxes, attributable to segregated and Separate Accounts.

(h) Includes $ 279,425,000 interest on surplus notes and $ interest on capital notes.

(i) Includes $ 110,220,065 depreciation on real estate and $ depreciation on other invested assets.

EXHIBIT OF CAPITAL GAINS (LOSSES)

		1 Realized Gain (Loss) On Sales or Maturity	2 Other Realized Adjustments	3 Total Realized Capital Gain (Loss) (Columns 1 + 2)	4 Change in Unrealized Capital Gain (Loss)	5 Change in Unrealized Foreign Exchange Capital Gain (Loss)
1.	U.S. Government bonds	3,588,564		3,588,564	45,680,181	
1.1	Bonds exempt from U.S. tax					
1.2	Other bonds (unaffiliated)	(105,790,883)	(270,774,743)	(376,565,626)	26,912,288	759,548,097
1.3	Bonds of affiliates				(9,677,247)	
2.1	Preferred stocks (unaffiliated)	59,283,579		59,283,579	(75,032,440)	(787,741)
2.11	Preferred stocks of affiliates					
2.2	Common stocks (unaffiliated)	82,377,467	1,393,604	83,771,070	22,584,486	1,185,034
2.21	Common stocks of affiliates		(104,115,606)	(104,115,606)	77,866,953	
3.	Mortgage loans	(32,424,944)	(236,433,692)	(268,858,635)	69,536,785	512,257,212
4.	Real estate	57,133,420	(8,318,046)	48,815,374		
5.	Contract loans					
6.	Cash, cash equivalents and short-term investments	927,607	65,288,545	66,216,152	(1,799,904)	3,725,606
7.	Derivative instruments	(47,356,956)	(104,929,736)	(152,286,692)	120,319,930	(1,589,882,869)
8.	Other invested assets	229,911,242	(2,295,140,334)	(2,065,229,092)	623,287,465	444,884,794
9.	Aggregate write-ins for capital gains (losses)					46,515,221
10.	Total capital gains (losses)	247,649,096	(2,953,030,008)	(2,705,380,913)	899,678,497	177,445,354
	DETAILS OF WRITE-INS					
0901.	Other assets					46,515,221
0902.						
0903.						
0998.	Summary of remaining write-ins for Line 9 from overflow page					
0999.	Totals (Lines 0901 through 0903 plus 0998) (Line 9, above)					46,515,221

EXHIBIT - 1 PART 1 - PREMIUMS AND ANNUITY CONSIDERATIONS FOR LIFE AND ACCIDENT AND HEALTH CONTRACTS

	1 Total	2 Individual Life	3 Group Life	4 Individual Annuities	5 Group Annuities	6 Accident & Health	7 Fraternal	8 Other Lines of Business
FIRST YEAR (other than single)								
1. Uncollected								
2. Deferred and accrued	65,482	65,482						
3. Deferred , accrued and uncollected:								
3.1 Direct	65,482	65,482						
3.2 Reinsurance assumed								
3.3 Reinsurance ceded								
3.4 Net (Line 1 + Line 2)	65,482	65,482						
4. Advance								
5. Line 3.4 - Line 4	65,482	65,482						
6. Collected during year:								
6.1 Direct	3,524,291,654	2,619,607	2,224,726	1,104,837,036	2,414,610,286			
6.2 Reinsurance assumed								
6.3 Reinsurance ceded								
6.4 Net	3,524,291,654	2,619,607	2,224,726	1,104,837,036	2,414,610,286			
7. Line 5 + Line 6.4	3,524,357,136	2,685,089	2,224,726	1,104,837,036	2,414,610,286			
8. Prior year (uncollected + deferred and accrued - advance)	39,914	39,914						
9. First year premiums and considerations:								
9.1 Direct	3,524,317,222	2,645,175	2,224,726	1,104,837,036	2,414,610,286			
9.2 Reinsurance assumed								
9.3 Reinsurance ceded								
9.4 Net (Line 7 - Line 8)	3,524,317,222	2,645,175	2,224,726	1,104,837,036	2,414,610,286			
SINGLE								
10. Single premiums and considerations:								
10.1 Direct	9,556,904			9,556,904				
10.2 Reinsurance assumed								
10.3 Reinsurance ceded								
10.4 Net	9,556,904			9,556,904				
RENEWAL								
11. Uncollected	2,122,046	2,122,046						
12. Deferred and accrued	46,801,411	46,801,411						
13. Deferred, accrued and uncollected:								
13.1 Direct	48,925,695	48,923,457				2,238		
13.2 Reinsurance assumed								
13.3 Reinsurance ceded	2,238					2,238		
13.4 Net (Line 11 + Line 12)	48,923,457	48,923,457						
14. Advance	302,851	302,851						
15. Line 13.4 - Line 14	48,620,606	48,620,606						
16. Collected during year:								
16.1 Direct	16,569,440,438	253,319,198	37,939,890	5,235,674,067	11,026,441,416	16,065,867		
16.2 Reinsurance assumed								
16.3 Reinsurance ceded	91,139,795	56,606,735	18,468,715			16,064,346		
16.4 Net	16,478,300,642	196,712,463	19,471,175	5,235,674,067	11,026,441,416	1,521		
17. Line 15 + Line 16.4	16,526,921,248	245,333,069	19,471,175	5,235,674,067	11,026,441,416	1,521		
18. Prior year (uncollected + deferred and accrued - advance)	54,180,618	54,180,618						
19. Renewal premiums and considerations:								
19.1 Direct	16,564,025,153	247,759,186	37,939,890	5,235,674,067	11,026,441,416	16,210,594		
19.2 Reinsurance assumed								
19.3 Reinsurance ceded	91,284,523	56,606,735	18,468,715			16,209,073		
19.4 Net (Line 17 - Line 18)	16,472,740,630	191,152,451	19,471,175	5,235,674,067	11,026,441,416	1,521		
TOTAL								
20. Total premiums and annuity considerations:								
20.1 Direct	20,097,899,280	250,404,361	40,164,616	6,350,068,007	13,441,051,702	16,210,594		
20.2 Reinsurance assumed								
20.3 Reinsurance ceded	91,284,523	56,606,735	18,468,715			16,209,073		
20.4 Net (Lines 9.4 + 10.4 + 19.4)	20,006,614,757	193,797,626	21,695,901	6,350,068,007	13,441,051,702	1,521		

EXHIBIT - 1 PART 2 - POLICYHOLDERS' DIVIDENDS, REFUNDS TO MEMBERS AND COUPONS APPLIED, REINSURANCE COMMISSIONS AND EXPENSE ALLOWANCES AND COMMISSIONS INCURRED (Direct Business Only)

		1 Total	2 Individual Life	3 Group Life	4 Individual Annuities	5 Group Annuities	6 Accident & Health	7 Fraternal	8 Other Lines of Business
	POLICYHOLDERS' DIVIDENDS, REFUNDS TO MEMBERS AND COUPONS APPLIED (included in Part 1)								
21.	To pay renewal premiums	71,647,161	71,647,161						
22.	All other								
	REINSURANCE COMMISSIONS AND EXPENSE ALLOWANCES INCURRED								
23.	First year (other than single):								
	23.1 Reinsurance ceded								
	23.2 Reinsurance assumed								
	23.3 Net ceded less assumed								
24.	Single:								
	24.1 Reinsurance ceded								
	24.2 Reinsurance assumed								
	24.3 Net ceded less assumed								
25.	Renewal:								
	25.1 Reinsurance ceded	6,710,433	5,697,867	1,012,566					
	25.2 Reinsurance assumed								
	25.3 Net ceded less assumed	6,710,433	5,697,867	1,012,566					
26.	Totals:								
	26.1 Reinsurance ceded (Page 6, Line 6)	6,710,433	5,697,867	1,012,566					
	26.2 Reinsurance assumed (Page 6, Line 22)								
	26.3 Net ceded less assumed	6,710,433	5,697,867	1,012,566					
	COMMISSIONS INCURRED (direct business only)								
27.	First year (other than single)	1,397	1,397						
28.	Single								
29.	Renewal	2,175,319	583,966	1,591,353					
30.	Deposit-type contract funds								
31.	Totals (to agree with Page 6, Line 21)	2,176,716	585,362	1,591,353					

EXHIBIT 2 - GENERAL EXPENSES

		Insurance				5	6	7
		1	Accident and Health		4			
		Life	2 Cost Containment	3 All Other	All Other Lines of Business	Investment	Fraternal	Total
1.	Rent	52,257,582		1,257	9,610,896	28,120,560		89,990,295
2.	Salaries and wages	520,889,560		7,754	111,054,173	368,524,279		1,000,475,767
3.11	Contributions for benefit plans for employees	78,294,655		1,315	14,626,245	38,224,191		131,146,407
3.12	Contributions for benefit plans for agents							
3.21	Payments to employees under non-funded benefit plans							
3.22	Payments to agents under non-funded benefit plans							
3.31	Other employee welfare	3,071,276		106	452,472	176,587		3,700,442
3.32	Other agent welfare							
4.1	Legal fees and expenses	9,493,038		(11,995)	19,567,371	438,912		29,487,326
4.2	Medical examination fees	294,337						294,337
4.3	Inspection report fees							
4.4	Fees of public accountants and consulting actuaries	3,733,188		(3)	285,313	2,303,949		6,322,448
4.5	Expense of investigation and settlement of policy claims	55,600			7,331	3,641		66,572
5.1	Traveling expenses	9,142,947		288	3,143,347	11,058,002		23,344,584
5.2	Advertising	18,208,226		(935)	1,994,934	4,852,039		25,054,264
5.3	Postage, express, telegraph and telephone	17,069,073		256	2,543,475	1,082,066		20,694,870
5.4	Printing and stationery	8,003,785		(88)	1,007,455	487,518		9,498,670
5.5	Cost or depreciation of furniture and equipment	400,596		(36)	83,747	19,885		504,191
5.6	Rental of equipment	5,278,814		62	1,841,233	129,329		7,249,438
5.7	Cost or depreciation of EDP equipment and software	158,723,160		2,845	23,291,557	9,265,923		191,283,485
6.1	Books and periodicals	263,390		3	78,734	17,639		359,765
6.2	Bureau and association fees	2,193,032		239	376,972	117,911		2,688,154
6.3	Insurance, except on real estate	4,788,649		873	781,640	385,125		5,956,288
6.4	Miscellaneous losses							
6.5	Collection and bank service charges	2,947,258			100,611	795		3,048,665
6.6	Sundry general expenses	17,610,458		92	23,072,471	48,613,043		89,296,063
6.7	Group service and administration fees							
6.8	Reimbursements by uninsured plans							
7.1	Agency expense allowance							
7.2	Agents' balances charged off (less $ recovered)							
7.3	Agency conferences other than local meetings							
8.1	Official publication (Fraternal Benefit Societies Only)	XXX	XXX	XXX	XXX	XXX		
8.2	Expense of supreme lodge meetings (Fraternal Benefit Societies Only)	XXX	XXX	XXX	XXX	XXX		
9.1	Real estate expenses					131,079,321		131,079,321
9.2	Investment expenses not included elsewhere	786,089		1	74,675	55,546		916,310
9.3	Aggregate write-ins for expenses	201,744,525		(281,443)	44,132,731	57,050,197		302,646,009
10.	General expenses incurred	1,115,249,240		(279,410)	258,127,384	702,006,457	(b)	(a) 2,075,103,671
11.	General expenses unpaid Dec. 31, prior year	574,771,715		(72,570)	178,648,886	367,018,822		1,120,366,853
12.	General expenses unpaid Dec. 31, current year	689,668,440		(172,787)	159,625,583	434,119,729		1,283,240,965
13.	Amounts receivable relating to uninsured plans, prior year							
14.	Amounts receivable relating to uninsured plans, current year							
15.	General expenses paid during year (Lines 10+11-12-13+14)	1,000,352,516		(179,193)	277,150,687	634,905,549		1,912,229,559
	DETAILS OF WRITE-INS							
09.301.	Fees to Consultants	119,851,650		814	33,005,422	54,471,195		207,329,081
09.302.	Temporary Help	41,427,758		1,666	8,071,322	2,511,902		52,012,648
09.303.	GFA Distribution	28,892,381						28,892,381
09.398.	Summary of remaining write-ins for Line 9.3 from overflow page	11,572,736		(283,924)	3,055,987	67,101		14,411,900
09.399.	Totals (Lines 09.301 through 09.303 plus 09.398) (Line 9.3 above)	201,744,525		(281,443)	44,132,731	57,050,197		302,646,009

(a) Includes management fees of $ ..... to affiliates and $ ..... to non-affiliates.

(b) Show the distribution of this amount in the following categories (Fraternal Benefit Societies Only):

1. Charitable .....$ ..... ; 2. Institutional . $ ..... ; 3. Recreational and Health $ ..... ; 4. Educational ..... $ .....
5. Religious .....$ ..... ; 6. Membership $ ..... ; 7. Other .....$ ..... ; 8. Total .....$ .....

EXHIBIT 3 - TAXES, LICENSES AND FEES (EXCLUDING FEDERAL INCOME TAXES)

		Insurance			4	5	6
		1 Life	2 Accident and Health	3 All Other Lines of Business	Investment	Fraternal	Total
1.	Real estate taxes				61,733,823		61,733,823
2.	State insurance department licenses and fees	10,647,474	33	826,585	(29,083)		11,445,009
3.	State taxes on premiums	2,924,017	112,166				3,036,184
4.	Other state taxes, including $ for employee benefits	237,057	15,709	167,903	56,673		477,341
5.	U.S. Social Security taxes	27,529,230	456	5,745,841	1,739,467		35,014,994
6.	All other taxes	851,739	(1,064,324)	795	6,373		(205,418)
7.	Taxes, licenses and fees incurred	42,189,516	(935,960)	6,741,124	63,507,253		111,501,934
8.	Taxes, licenses and fees unpaid Dec. 31, prior year	14,006,377	45,056	1,838,879	18,043,066		33,933,378
9.	Taxes, licenses and fees unpaid Dec. 31, current year	17,043,232	(378,098)	2,723,201	25,654,925		45,043,261
10.	Taxes, licenses and fees paid during year (Lines 7 + 8 - 9)	39,152,660	(512,806)	5,856,802	55,895,394		100,392,051

EXHIBIT 4 - DIVIDENDS OR REFUNDS

		1 Life	2 Accident and Health
1.	Applied to pay renewal premiums	71,647,161	
2.	Applied to shorten the endowment or premium-paying period		
3.	Applied to provide paid-up additions		
4.	Applied to provide paid-up annuities		
5.	Total Lines 1 through 4	71,647,161	
6.	Paid in cash	1,939,306,521	
7.	Left on deposit		
8.	Aggregate write-ins for dividend or refund options	2,313,922,537	
9.	Total Lines 5 through 8	4,324,876,219	
10.	Amount due and unpaid	6,745,111	
11.	Provision for dividends or refunds payable in the following calendar year	2,305,509,714	
12.	Terminal dividends		
13.	Provision for deferred dividend contracts		
14.	Amount provisionally held for deferred dividend contracts not included in Line 13		
15.	Total Lines 10 through 14	2,312,254,825	
16.	Total from prior year	2,308,260,258	
17.	Total dividends or refunds (Lines 9 + 15 - 16)	4,328,870,786	
	DETAILS OF WRITE-INS		
0801.	Additional amounts credited or applied to annuities	2,313,922,537	
0802.			
0803.			
0898.	Summary of remaining write-ins for Line 8 from overflow page		
0899.	Totals (Lines 0801 through 0803 plus 0898) (Line 8 above)	2,313,922,537	

EXHIBIT 5 - AGGREGATE RESERVE FOR LIFE CONTRACTS

	1 Valuation Standard	2 Total [a]	3 Industrial	4 Ordinary	5 Credit (Group and Individual)	6 Group
0100001.	AM(5) 2.5% NLP ANB IDB 1942-1947					
0100002.	41 CSO 2.25% NLP ANB IDB 1948-1958	178,127		178,127		
0100003.	41 CSO (0,3) 2.5% NLP ANB IDB 1958-1965	2,667,647		2,667,647		
0100004.	58 CSO (0,3) 2.5% NLP ANB IDB 1965-1976	12,160,693		12,160,693		
0100005.	58 CET (0,3) 2.5% NLP ANB IDB 1965-1975	38,293		38,293		
0100006.	58 CSO (0,6) 3.5% NLP ANB IDB 1975-1983	22,782,814		22,782,814		
0100007.	58 CET (0,6) 3.5% NLP ANB IDB 1975-1982					
0100008.	58 CET (0,6) 4.5% NLP ALB IDB 1983-1983	5,355		5,355		
0100009.	58 CSO (0,6) 4.5% NLP ALB IDB 1982-1984	2,566,184		2,566,184		
0100010.	80 CSO 4.5% NLP ALB IDB 1982-2003	3,436,332		3,436,332		
0100011.	58 CSO 4.5% NLP ALB IDB 1984-1985	1,456,629		1,456,629		
0100012.	58 CET 4.5% NLP ALB IDB 1984-1985					
0100013.	80 CET 5% NLP ALB IDB 1985-1989	201,557		201,557		
0100014.	80 CSO 5% NLP ALB IDB 1985-1994	21,880,992		21,880,992		
0100015.	80 CSO 5% CRVM ALB NS IDB 1990-1994	82,147,358		82,147,358		
0100016.	80 CSO 4.5% CRVM ALB NS IDB 1995-2005	102,854,270		102,854,270		
0100017.	80 CET 5% CRVM ALB IDB 1991-1994	5,607		5,607		
0100018.	80 CET 4% CRVM ALB NS IDB 2006-2012	1,959,139		1,959,139		
0100019.	80 CET 4.5% CRVM ALB SM IDB 1995-2004	336,115		336,115		
0100020.	80 CET 5% CRVM ALB NS IDB 1990-1994					
0100021.	80 CET 4.5% CRVM ALB NS IDB 1995-2004	493,337		493,337		
0100022.	80 CSO 5% CRVM ALB SM IDB 1990-1994	3,537,851		3,537,851		
0100023.	80 CSO 4.5% CRVM ALB SM IDB 1995-2005	9,870,908		9,870,908		
0100024.	80 CSO 5% CRVM ALB IDB 1993-1994	767		767		
0100025.	80 CSO 4.5% CRVM ALB IDB 1995-2003	2,879		2,879		
0100026.	80 CSO 5.5% CRVM ALB IDB 1987-1992	2,656		2,656		
0100027.	80 CSO 6% CRVM ALB IDB 1966-1984	1,885		1,885		
0100028.	80 CSO (80% male) 6% CRVM ALB IDB 1984-1986	815		815		
0100029.	58 CSO (0,6) 3.5% CRVM ANB IDB 1975-1982	2,526		2,526		
0100030.	80 CSO 5.5% NLP ALB IDB 1987-1992	323,058		323,058		
0100031.	80 CSO 4% CRVM ALB SM IDB 2006-2006	22,654		22,654		
0100032.	80 CSO 4% CRVM ALB NS IDB 2006-2006	3,806,886		3,806,886		
0100033.	2001 CSO 4% CRVM ALB NS IDB 2007-2012	49,812,001		49,812,001		
0100034.	2001 CSO 4% CRVM ALB SM IDB 2007-2012	475,428		475,428		
0100035.	2001 CSO 3.5% CRVM ALB NS IDB 2013-2019	61,932,806		61,932,806		
0100036.	2001 CSO 3.5% CRVM ALB SM IDB 2013-2019	1,035,124		1,035,124		
0100037.	80 CET 4% CRVM ALB SM IDB 2006-2010	4,000		4,000		
0100038.	80 CET 3.5% CRVM ALB NS IDB 2014-2015	1,965,438		1,965,438		
0100039.	2017 CSO ALB 3.50% CRVM NS IPC 2019-2020	3,980,749		3,980,749		
0100040.	2017 CSO ALB 3.50% CRVM SM IPC 2020-2020	87,686		87,686		
0100041.	2017 CSO ALB 3.00% CRVM NS IPC 2021-2025	6,900,627		6,900,627		
0100042.	2017 CSO ALB 3.00% CRVM SM IPC 2021-2025	188,087		188,087		
0100043.	80 CET 3.50% CRVM ALB SM IDB 2016-2018	234,750		234,750		
0100044.	Group Life Amount of Insurance					
0100045.	TCL 80 CSO 4.5% CRVM ALB NS CNF 2001-2005	16,340,152		16,340,152		
0100046.	TCL 80 CSO 4.5% CRVM ALB SM CNF 2001-2005	214,087		214,087		
0100047.	TCL 2001 CSO SEL & UL 4.5% CRVM ALB SM CNF 2005-2005	3,785		3,785		
0100048.	TCL 2001 CSO SEL & UL 4.5% CRVM ALB NS CNF 2005-2005	6,126,567		6,126,567		
0100049.	TCL 2001 CSO SEL & UL 4% CRVM ALB NS CNF 2006-2012	178,972,643		178,972,643		
0100050.	TCL 2001 CSO SEL & UL 4% CRVM ALB SM CNF 2006-2012	1,069,332		1,069,332		
0100051.	TCL 2001 CSO 3.5% CRVM ALB NS CNF 2013-2019	257,245,255		257,245,255		
0100052.	TCL 2001 CSO 3.5% CRVM ALB SM CNF 2013-2019	1,304,820		1,304,820		
0100053.	TCL 2001 CSO 3.5% CRVM ANB NS CNF 2013-2019	53,598,776		53,598,776		
0100054.	TCL 2001 CSO 3.5% CRVM ANB SM CNF 2013-2019	1,023,870		1,023,870		
0100055.	TCL 2017 CSO 3.5% CRVM ALB NS CNF 2019-2019	34,331,451		34,331,451		
0100056.	TCL 2017 CSO 3.5% CRVM ALB SM CNF 2019-2019	274,912		274,912		
0100057.	TCL 80 CSO 4.5% CRVM ALB IDB (ISL) 2000-2005	39,233,495		39,233,495		
0100058.	TCL 80 CSO 4% CRVM ALB IDB (ISL) 2006-2008	29,484,608		29,484,608		
0100059.	TCL 2001 CSO 4% CRVM ALB IDB (ISL) 2008-2012	199,936,418		199,936,418		
0100060.	TCL 2001 CSO 3.5% CRVM ALB IDB (ISL) 2013-2019	1,599,671,207		1,599,671,207		
0100061.	TCL 2017 CSO 3.5% CRVM ALB IDB (ISL) 2020-2025	419,715		419,715		
0100062.	TCL 2017 CSO 3% CRVM ALB IDB (ISL) 2021-2024	1,500,649		1,500,649		
0100063.	TCL 2001 CSO 4% CRVM ANB IDB (ISL) 2012-2012	36,100,435		5,987,894		30,112,541
0100064.	TCL 2001 CSO 3.5% CRVM ANB IDB (ISL) 2013-2019	534,071,211		160,101,742		373,969,469
0199997.	Totals (gross)	3,390,283,416		2,986,201,406		404,082,010
0199998.	Reinsurance ceded	395,308,941		395,156,697		152,244
0199999.	Life Insurance: Totals (net)	2,994,974,475		2,591,044,709		403,929,766
0200001.	37 SA (2,8) 2.5% ANB (DEF,NFI) 1941-1947	20,785	XXX	20,785	XXX	
0200002.	37 SA (4,10) 2.25% ANB (DEF,NFI) 1941-1958	201,670	XXX	201,670	XXX	
0200003.	A-1949 proj. 15 yrs (4.5,4.5) 2.5% ANB (DEF,NFI) 1941-1969	17,295,910	XXX	17,295,910	XXX	
0200004.	A-1949 proj. 25 yrs (5,6) 2.5% ANB (DEF,NFI) 1969-1977	158,726,446	XXX	158,726,446	XXX	
0200005.	71 IAM (5.5,7) 2.5% ANB (DEF,NFI) 1977-1984	102,040,544	XXX	102,040,544	XXX	
0200006.	71 IAM (5.5,7) 3%-2.5% ANB (DEF,NFI) 1977-1984	1,433,272,699	XXX	1,432,656,086	XXX	616,613
0200007.	1983A (9,9)(10,10) 3%-2.5% ANB (DEF,NFI)(IMM,FI) 1985-2001	20,258,072,010	XXX	17,973,423,872	XXX	2,284,648,138
0200008.	1983A CARVM 5.25% ANB (DEF,NFI) 1997-1997	1,756,993,346	XXX	1,571,560,660	XXX	185,432,686

EXHIBIT 5 - AGGREGATE RESERVE FOR LIFE CONTRACTS

	1 Valuation Standard	2 Total [a]	3 Industrial	4 Ordinary	5 Credit (Group and Individual)	6 Group
0200009.	A-2000 (9,9)(10,10)3%-2.5% ANB (DEF,NFI)(IMM,FI) 2001-2025	106,683,256,566	XXX	60,879,739,702	XXX	45,803,516,864
0200010.	CURRENT GUARANTEED DA SETTLEMENT A-2000 (9,9)(10,10) 3%-2.5% ANB (DEF,NFI) 1941-2025	19,190,753,933	XXX	19,190,753,933	XXX	
0200011.	A-2000 +SETBACK dynamic interest ANB (DEF,NFI) 2005-2025	37,237,669,737	XXX	9,644,155,068	XXX	27,593,514,669
0200012.	A-2000 +SETBACK (SIA) dynamic interest ANB (DEF,NFI) 2022-2025	374,664,416	XXX		XXX	374,664,416
0200013.	VM-21/NY Reg 213 Base Reserve: 1983A MOST RECENT DECLARATION (4.25%) (DEF,NFI) 2025-2025	706,343,951	XXX	706,343,951	XXX	
0200014.	VM-21/NY Reg 213 Base Reserve: A-2000 MOST RECENT DECLARATION (4.25%) (DEF,NFI) 2025-2025	163,847,081	XXX	163,847,081	XXX	
0200015.	VM-21/NY Reg 213 Base Reserve: 2012 IAR MOST RECENT DECLARATION (4.25%) (DEF,NFI) 2025-2025	4,477,557	XXX	4,477,557	XXX	
0200016.	1994 GAR 3.75% ANB (IMM,FI) 2017-2017	2,181	XXX		XXX	2,181
0200017.	71 GAM 6% ANB (IMM,FI) 1977-1984	30,462	XXX		XXX	30,462
0200018.	83 GAM 6% ANB (IMM,FI) 1985-2000	305,784	XXX		XXX	305,784
0200019.	1994 GAR 6% ANB (IMM,FI) 2001-2009	1,726,842	XXX		XXX	1,726,842
0200020.	1994 GAR 5.5% ANB (IMM,FI) 2004-2008	54,435	XXX		XXX	54,435
0200021.	1994 GAR 5.25% ANB (IMM,FI) 2005-2010	388,513	XXX		XXX	388,513
0200022.	1994 GAR 5% ANB (IMM,FI) 2011-2011	28,382	XXX		XXX	28,382
0200023.	1994 GAR 4.25% ANB (IMM,FI) 2012-2012	34,022	XXX		XXX	34,022
0200024.	1994 GAR 4% ANB (IMM,FI) 2013-2016	20,974	XXX		XXX	20,974
0200025.	1994 GAR 4.5% ANB (IMM,FI) 2014-2014	110,163	XXX		XXX	110,163
0200026.	1994 GAR 3.5% ANB (IMM,FI) 2019-2019	3,639	XXX		XXX	3,639
0200027.	1994 GAR 3.25% ANB (IMM,FI) 2019-2019	14,624	XXX		XXX	14,624
0200028.	1994 GAR 1.50% ANB (IMM,FI) 2020-2020	5,214	XXX		XXX	5,214
0200029.	1994 GAR 2.00% ANB (IMM,FI) 2020-2020	7,663	XXX		XXX	7,663
0200030.	1994 GAR 2.75% ANB (IMM,FI) 2019-2019	403	XXX		XXX	403
0200031.	37 SA (2,8) 2.5% ANB (IMM,FI) 1932-1947	68,207	XXX	68,207	XXX	
0200032.	37 SA (2,8) 2.25% ANB (IMM,FI) 1932-1958	433	XXX	433	XXX	
0200033.	37 SA (3,9) 2.25% ANB (IMM,FI) 1932-1958	19,363	XXX	19,363	XXX	
0200034.	37 SA (4,10) 2.25% ANB (IMM,FI) 1932-1958	1,465,053	XXX	1,465,053	XXX	
0200035.	A-1949 proj. 15 yrs (1.5,2.5) 2.5% ANB (IMM,FI) 1932-1969	16,124	XXX	16,124	XXX	
0200036.	A-1949 proj. 15 yrs (4.5,4.5) 2.5% ANB (IMM,FI) 1932-1969	25,249,132	XXX	25,249,132	XXX	
0200037.	A-1949 proj. 25 yrs (2,3.5) 3% ANB (IMM,FI) 1919-1977	805,475	XXX	805,475	XXX	
0200038.	A-1949 proj. 25 yrs (5,6) 2.5% ANB (IMM,FI) 1969-1977	128,647,604	XXX	128,647,604	XXX	
0200039.	71 IAM (5.5,7) 2.5% ANB (IMM,FI) 1977-1984	638,673,329	XXX	638,673,329	XXX	
0200040.	71 IAM (2,3.5) 3% ANB (IMM,FI) 1948-1984	33,028,559	XXX	33,028,559	XXX	
0200041.	71 IAM (5.5,7) 3% ANB (IMM,FI) 1977-1984	90,704,228	XXX	90,704,228	XXX	
0200042.	1983A (9,9) 2.5% ANB (IMM,FI) 1985-2001	2,664,617,798	XXX	2,664,617,798	XXX	
0200043.	1983A (9,9) 3% ANB (IMM,FI) 1985-2001	917,027,882	XXX	917,027,882	XXX	
0200044.	A-2000 (9,9) 2.5% ANB (IMM,FI) 2001-2025	6,620,703,374	XXX	6,620,703,374	XXX	
0200045.	A-2000 (9,9) 3% ANB (IMM,FI) 2001-2025	1,408,174,306	XXX	1,408,174,306	XXX	
0200046.	1983A (4.5,4.5) 5.75% ANB (IMM,FI) 1999-1999	234,678	XXX	234,678	XXX	
0200047.	1983A (4.5,4.5) 6.5% ANB (IMM,FI) 1995-1995	99,939	XXX	99,939	XXX	
0200048.	1983A (4.5,4.5) 6% ANB (IMM,FI) 1996-1999	2,073,103	XXX	2,073,103	XXX	
0200049.	1983A (4.5,4.5) 6.25% ANB (IMM,FI) 1997-1999	857,065	XXX	857,065	XXX	
0200050.	1983A (4.5,4.5) 5.5% ANB (IMM,FI) 1999-1999	16,395	XXX	16,395	XXX	
0200051.	A-2000 (4,4) 2.50% ANB (IMM,FI) 1985-2025	33,525,963,332	XXX	33,525,963,332	XXX	
0200052.	A-2000 (3.5) 4.50% - 4.99% ANB (IMM,FI) 2000-2003	42,371	XXX	42,371	XXX	
0200053.	A-2000 (3.5) 5.00% - 5.49% ANB (IMM,FI) 2000-2003	198,326	XXX	198,326	XXX	
0200054.	A-2000 (3.5) 5.50% - 5.99% ANB (IMM,FI) 2000-2003	1,003,744	XXX	1,003,744	XXX	
0200055.	A-2000 (3.5) 6.00% - 6.49% ANB (IMM,FI) 2000-2003	1,300,700	XXX	1,300,700	XXX	
0200056.	A-2000 (3.5) 6.50% - 6.99% ANB (IMM,FI) 2000-2003	1,359,210	XXX	1,359,210	XXX	
0200057.	A-2000 (3) 3.00% - 3.49% ANB (IMM,FI) 2003-2007	272,106	XXX	272,106	XXX	
0200058.	A-2000 (3) 3.50% - 3.99% ANB (IMM,FI) 2003-2007	1,518,556	XXX	1,518,556	XXX	
0200059.	A-2000 (3) 4.00% - 4.49% ANB (IMM,FI) 2003-2007	5,506,904	XXX	5,506,904	XXX	
0200060.	A-2000 (3) 4.50% - 4.99% ANB (IMM,FI) 2003-2007	2,593,011	XXX	2,593,011	XXX	
0200061.	A-2000 (4) 2.50% - 2.99% ANB (IMM,FI) 2008-2014	2,922,679	XXX	2,922,679	XXX	
0200062.	A-2000 (4) 3.00% - 3.49% ANB (IMM,FI) 2008-2014	2,639,708	XXX	2,639,708	XXX	
0200063.	A-2000 (4) 3.50% - 3.99% ANB (IMM,FI) 2008-2014	1,805,998	XXX	1,805,998	XXX	
0200064.	A-2000 (4) 4.00% - 4.49% ANB (IMM,FI) 2008-2014	1,014,221	XXX	1,014,221	XXX	
0200065.	A-2000 (2) 2.50% - 2.99% ANB (IMM,FI) 2015-present	71,066,433	XXX	71,066,433	XXX	
0200066.	A-2000 (2) 3.00% - 3.49% ANB (IMM,FI) 2015-present	10,641,312	XXX	10,641,312	XXX	
0200067.	A-2000 (2) 3.50% - 3.99% ANB (IMM,FI) 2015-present	5,389,156	XXX	5,389,156	XXX	

EXHIBIT 5 - AGGREGATE RESERVE FOR LIFE CONTRACTS

1 Valuation Standard	2 Total [a]	3 Industrial	4 Ordinary	5 Credit (Group and Individual)	6 Group
0200068. A-2000 (2) 4.00% - 4.49% ANB (IMM,FI) 2015-present	27,171,814	XXX	27,171,814	XXX	
0200069. A-2000 (2) 4.50% - 4.99% ANB (IMM,FI) 2015-present	36,273,905	XXX	36,273,905	XXX	
0200070. A-2000 (2) 5.00% - 5.49% ANB (IMM,FI) 2015-present	12,040,636	XXX	12,040,636	XXX	
0200071. CARVM EXCESS ON PAYOUT CONTRACTS 1985-2025	2,386,329,287	XXX	2,386,329,287	XXX	
0200072. TCL VM-21/NY Reg 213 Base Reserve: 1983A MOST RECENT DECLARATION (4.25%) (DEF,NFI) 2024-2024	32,017,684	XXX	32,017,684	XXX	
0200073. TCL VM-21/NY Reg 213 Base Reserve: A-2000 MOST RECENT DECLARATION (4.25%) (DEF,NFI) 2024-2024	649,237,621	XXX	649,237,621	XXX	
0200074. TCL VM-21/NY Reg 213 Base Reserve: 2012 IAR MOST RECENT DECLARATION (4.25%) (DEF,NFI) 2024-2024	2,664,163	XXX	2,664,163	XXX	
0200075. TCL A-2000 MOST RECENT DECLARATION (4.25%) (<1yr) ANB (DEF,NFI) 2025-2025	3,072,801	XXX	3,072,801	XXX	
0200076. TCL A-2000 MOST RECENT DECLARATION (4.75%, 4.25%) (5yr) ANB (DEF,NFI) 2023-2023	376,133	XXX	376,133	XXX	
0200077. TCL A-2000 MOST RECENT DECLARATION (5.25%, 4.50%) (5yr) ANB (DEF,NFI) 2024-2024	346,423	XXX	346,423	XXX	
0200078. TCL A-2000 MOST RECENT DECLARATION (5.25%,4.50%) (5yr) ANB (DEF,NFI) 2025-2025	111,218	XXX	111,218	XXX	
0200079. TCL A-2000 MOST RECENT DECLARATION (3.00%,3.00%) (5yr) ANB (DEF,NFI) 2021-2021	81,586	XXX	81,586	XXX	
0200080. TCL A-2000 6.75% CARVM ANB (IMM,FI) 2001-2001	823,020	XXX	823,020	XXX	
0200081. TCL A-2000 6.5% CARVM ANB (IMM,FI) 2002-2002	1,086,107	XXX	1,086,107	XXX	
0200082. TCL A-2000 6% CARVM ANB (IMM,FI) 2003-2009	1,524,663	XXX	1,524,663	XXX	
0200083. TCL A-2000 5.5% CARVM ANB (IMM,FI) 2008-2008	1,936,546	XXX	1,936,546	XXX	
0200084. TCL A-2000 5.25% CARVM ANB (IMM,FI) 2005-2010	2,348,126	XXX	2,348,126	XXX	
0200085. TCL A-2000 5% CARVM ANB (IMM,FI) 2011-2011	2,887,036	XXX	2,887,036	XXX	
0200086. TCL A-2000 4.25% CARVM ANB (IMM,FI) 2012-2012	1,731,774	XXX	1,731,774	XXX	
0200087. TCL A-2000 4% CARVM ANB (IMM,FI) 2013-2013	1,683,558	XXX	1,683,558	XXX	
0200088. TCL A-2000 4.5% CARVM ANB (IMM,FI) 2006-2014	1,798,034	XXX	1,798,034	XXX	
0200089. TCL 2012 IAR 4% CARVM ANB (IMM,FI) 2015-2025	15,131,103	XXX	15,131,103	XXX	
0200090. TCL 2012 IAR 3.75% CARVM ANB (IMM,FI) 2017-2025	17,704,855	XXX	17,704,855	XXX	
0200091. TCL 2012 IAR 2.75% CARVM ANB (IMM, FI) 2018-2025	1,925,176	XXX	1,925,176	XXX	
0200092. TCL 2012 IAR 3.00% CARVM ANB (IMM, FI) 2018-2025	1,538,830	XXX	1,538,830	XXX	
0200093. TCL 2012 IAR 3.25% CARVM ANB (IMM, FI) 2018-2025	1,746,476	XXX	1,746,476	XXX	
0200094. TCL 2012 IAR 3.50% CARVM ANB (IMM, FI) 2018-2025	2,932,017	XXX	2,932,017	XXX	
0200095. TCL 2012 IAR 2.50% CARVM ANB (IMM, FI) 2019-2025	5,755,098	XXX	5,755,098	XXX	
0200096. TCL 2012 IAR 1.25% CARVM ANB (IMM, FI) 2020-2025	577,354	XXX	577,354	XXX	
0200097. TCL 2012 IAR 1.50% CARVM ANB (IMM, FI) 2020-2025	2,272,622	XXX	2,272,622	XXX	
0200098. TCL 2012 IAR 1.75% CARVM ANB (IMM, FI) 2020-2025	8,692,305	XXX	8,692,305	XXX	
0200099. TCL 2012 IAR 2.25% CARVM ANB (IMM, FI) 2020-2025	4,109,284	XXX	4,109,284	XXX	
0200100. TCL 2012 IAR 2.00% CARVM ANB (IMM, FI) 2021-2025	1,530,054	XXX	1,530,054	XXX	
0200101. TCL 2012 IAR 4.25% CARVM ANB (IMM,FI) 2022-2025	3,002,958	XXX	3,002,958	XXX	
0200102. TCL 2012 IAR 4.50% CARVM ANB (IMM,FI) 2023-2025	16,557,145	XXX	16,557,145	XXX	
0200103. TCL 2012 IAR 4.75% CARVM ANB (IMM,FI) 2023-2025	10,762,859	XXX	10,762,859	XXX	
0200104. TCL 2012 IAR 5.00% CARVM ANB (IMM,FI) 2023-2025	11,695,565	XXX	11,695,565	XXX	
0200105. TCL 2012 IAR 5.25% CARVM ANB (IMM, FI) 2024-2025	9,021,755	XXX	9,021,755	XXX	
0299997. Totals (gross)	237,538,587,357	XXX	161,293,460,670	XXX	76,245,126,687
0299998. Reinsurance ceded		XXX		XXX	
0299999. Annuities: Totals (net)	237,538,587,357	XXX	161,293,460,670	XXX	76,245,126,687
0300001. 1983A CARVM 5.25% ANB (DEF,NFI) 1997-1997	2,010,394		2,010,394		
0300002. CURRENT GUARANTEED DA SETTLEMENT A-2000 (9,9)(10,10) 3%-2.5% ANB (DEF,NFI) 1941-2025	1,944,615,430		1,944,615,430		
0300003. 37 SA (2,8) 2.5% ANB (IMM,FI) 1932-1947	4,554		4,554		
0300004. 37 SA (3,9) 2.25% ANB (IMM,FI) 1932-1958	35,254		35,254		
0300005. 37 SA (4,10) 2.25% ANB (IMM,FI) 1932-1958					
0300006. A-1949 proj. 15 yrs (1.5,2.5) 2.5% ANB (IMM,FI) 1932-1969	30,577		30,577		
0300007. A-1949 proj. 25 yrs (2,3.5) 3% ANB (IMM,FI) 1919-1977	80,111		80,111		
0300008. A-1949 proj. 25 yrs (5,6) 2.5% ANB (IMM,FI) 1969-1977	1,562,772		1,562,772		
0300009. A-1949 proj. 15 yrs (3.5,3.5) 2.5% ANB (IMM,FI) 1958-1969	452,168		452,168		

EXHIBIT 5 - AGGREGATE RESERVE FOR LIFE CONTRACTS

1 Valuation Standard	2 Total [a]	3 Industrial	4 Ordinary	5 Credit (Group and Individual)	6 Group
0300010. 71 IAM (5.5,7) 2.5% ANB (IMM,FI) 1977-1984 ...	6,208,212		6,208,212		
0300011. 71 IAM (2,3.5) 3% ANB (IMM,FI) 1948-1984	2,437,805		2,437,805		
0300012. 1983A (4.5,4.5) 5.75% ANB (IMM,FI) 1999-1999	7,209		7,209		
0300013. 1983A (4.5,4.5) 6.5% ANB (IMM,FI) 1995-1995 .	17,638		17,638		
0300014. 1983A (4.5,4.5) 6% ANB (IMM,FI) 1996-1999	157,093		157,093		
0300015. 1983A (4.5,4.5) 6.25% ANB (IMM,FI) 1997-1999	11,692		11,692		
0300016. A-2000 (4,4) 2.50% ANB (IMM,FI) 1985-2025	242,387,181		242,387,181		
0300017. A-2000 (3.5) 4.50% - 4.99% ANB (IMM,FI) 2000-2003	157,609		157,609		
0300018. A-2000 (3.5) 5.00% - 5.49% ANB (IMM,FI) 2000-2003	4,919		4,919		
0300019. A-2000 (3.5) 5.50% - 5.99% ANB (IMM,FI) 2000-2003	31,743		31,743		
0300020. A-2000 (3.5) 6.00% - 6.49% ANB (IMM,FI) 2000-2003	188,321		188,321		
0300021. A-2000 (3.5) 6.50% - 6.99% ANB (IMM,FI) 2000-2003	4,182		4,182		
0300022. A-2000 (3) 3.00% - 3.49% ANB (IMM,FI) 2003-2007	7,084		7,084		
0300023. A-2000 (3) 3.50% - 3.99% ANB (IMM,FI) 2003-2007	310,078		310,078		
0300024. A-2000 (3) 4.00% - 4.49% ANB (IMM,FI) 2003-2007	433,868		433,868		
0300025. A-2000 (3) 4.50% - 4.99% ANB (IMM,FI) 2003-2007	169,223		169,223		
0300026. A-2000 (4) 2.50% - 2.99% ANB (IMM,FI) 2008-2014	1,746,978		1,746,978		
0300027. A-2000 (4) 3.00% - 3.49% ANB (IMM,FI) 2008-2014	1,811,085		1,811,085		
0300028. A-2000 (4) 3.50% - 3.99% ANB (IMM,FI) 2008-2014	1,083,029		1,083,029		
0300029. A-2000 (4) 4.00% - 4.49% ANB (IMM,FI) 2008-2014	321,831		321,831		
0300030. A-2000 (2) 2.50% - 2.99% ANB (IMM,FI) 2015-present	13,754,691		13,754,691		
0300031. A-2000 (2) 3.00% - 3.49% ANB (IMM,FI) 2015-present	2,966,830		2,966,830		
0300032. A-2000 (2) 3.50% - 3.99% ANB (IMM,FI) 2015-present	969,418		969,418		
0300033. A-2000 (2) 4.00% - 4.49% ANB (IMM,FI) 2015-present	2,664,151		2,664,151		
0300034. A-2000 (2) 4.50% - 4.99% ANB (IMM,FI) 2015-present	4,610,858		4,610,858		
0300035. A-2000 (2) 5.00% - 5.49% ANB (IMM,FI) 2015-present	333,233		333,233		
0300036. CARVM EXCESS ON PAYOUT CONTRACTS 1985-2025 ...	15,397,231		15,397,231		
0300037. TCL A-2000 6.75% CARVM ANB (IMM,FI) 2001-2001					
0300038. TCL A-2000 6.5% CARVM ANB (IMM,FI) 2002-2002	49,659		49,659		
0300039. TCL A-2000 5.25% CARVM ANB (IMM,FI) 2005-2010	453,903		453,903		
0300040. TCL A-2000 5% CARVM ANB (IMM,FI) 2011-2011 ...	341,333		341,333		
0300041. TCL A-2000 4.25% CARVM ANB (IMM,FI) 2012-2012	240,065		240,065		
0300042. TCL A-2000 4% CARVM ANB (IMM,FI) 2013-2013 ...	39,984		39,984		
0300043. TCL 2012 IAR 4% CARVM ANB (IMM,FI) 2015-2022	1,925,487		1,925,487		
0300044. TCL 2012 IAR 3.75% CARVM ANB (IMM,FI) 2017-2024	634,185		634,185		
0300045. TCL 2012 IAR 2.75% CARVM ANB (IMM, FI) 2018-2025	264,838		264,838		
0300046. TCL 2012 IAR 3.00% CARVM ANB (IMM, FI) 2018-2025	655,828		655,828		
0300047. TCL 2012 IAR 3.25% CARVM ANB (IMM, FI) 2018-2025	205,984		205,984		
0300048. TCL 2012 IAR 3.50% CARVM ANB (IMM, FI) 2018-2025	326,401		326,401		
0300049. TCL 2012 IAR 2.50% CARVM ANB (IMM, FI) 2019-2025	774,574		774,574		
0300050. TCL 2012 IAR 1.25% CARVM ANB (IMM, FI) 2020-2025	80,693		80,693		
0300051. TCL 2012 IAR 2.00% CARVM ANB (IMM, FI) 2020-2025	688,587		688,587		
0300052. TCL 2012 IAR 2.25% CARVM ANB (IMM, FI) 2020-2025	1,026,325		1,026,325		
0300053. TCL 2012 IAR 4.25% CARVM ANB (IMM,FI) 2022-2025	489,628		489,628		
0300054. TCL 2012 IAR 4.50% CARVM ANB (IMM,FI) 2023-2025	329,502		329,502		
0300055. TCL 2012 IAR 4.75% CARVM ANB (IMM,FI) 2023-2025	2,902,422		2,902,422		
0300056. TCL 2012 IAR 5.00% CARVM ANB (IMM,FI) 2023-2025	3,982,177		3,982,177		
0300057. TCL 2012 IAR 5.25% CARVM ANB (IMM, FI) 2024-2025	441,186		441,186		
0399997. Totals (gross)	2,262,837,213		2,262,837,213		
0399998. Reinsurance ceded					
0399999. SCWLC: Totals (net)	2,262,837,213		2,262,837,213		
0499998. Reinsurance ceded					

EXHIBIT 5 - AGGREGATE RESERVE FOR LIFE CONTRACTS

1 Valuation Standard	2 Total [a]	3 Industrial	4 Ordinary	5 Credit (Group and Individual)	6 Group
0499999. Accidental Death Benefits: Totals (net)					
0500001. 52 INTERCO DISAB 3.5% NLP ALB 1975-2025	4,814		4,814		
0500002. 52 INTERCO DISAB 5% NLP ALB 1990-1994	48,538		48,538		
0500003. 52 INTERCO DISAB 4.5% NLP ALB 1990-2006	785,848		785,848		
0500004. 52 INTERCO DISAB 4% NLP ALB 2007-2012	1,463		1,463		
0500005. TCL 52 INTERCO DISAB 4.5% NLP ALB 2001-2005	465,111		465,111		
0500006. TCL 52 INTERCO DISAB 4% NLP ALB 2006-2012	5,899,176		5,899,176		
0500007. TCL 52 INTERCO DISAB 3.5% NLP ALB 2006-2019	6,114,757		6,114,757		
0599997. Totals (gross)	13,319,707		13,319,707		
0599998. Reinsurance ceded					
0599999. Disability-Active Lives: Totals (net)	13,319,707		13,319,707		
0600001. 52 INTERCO DISAB 2.5% NLP ALB 1960-1994	4,412		4,412		
0600002. 52 INTERCO DISAB 3.5% NLP ALB 1975-2025	41,007,921		41,007,921		
0600003. 52 INTERCO DISAB 5% NLP ALB 1990-1994	109,172		109,172		
0600004. 52 INTERCO DISAB 4.5% NLP ALB 1990-2006	16,202,061		16,202,061		
0600005. 52 INTERCO DISAB 4% NLP ALB 2007-2012	4,043,141		4,043,141		
0600006. 1970 INTERCO GROUP VALUATION TABLE 3.5% NLP ALB 1959-1974					
0600007. 1970 INTERCO GROUP VALUATION TABLE 4% NLP ALB 1975-1979	13,095				13,095
0600008. 1970 INTERCO GROUP VALUATION TABLE 4.5% NLP ALB 1980-2002	5,314,101				5,314,101
0600009. 1970 INTERCO GROUP VALUATION TABLE 5% NLP ALB 1993-1994	135,380				135,380
0600010. 1970 INTERCO GROUP VALUATION TABLE 5.5% NLP ALB 1987-1992	203,951				203,951
0600011. 1970 INTERCO GROUP VALUATION TABLE 6% NLP ALB 1983-1986	10,244				10,244
0600012. TCL 52 INTERCO DISAB 4.5% NLP ALB 2001-2005	80,909		80,909		
0600013. TCL 52 INTERCO DISAB 4% NLP ALB 2006-2012	615,694		615,694		
0600014. TCL 52 INTERCO DISAB 3.5% NLP ALB 2006-2019	2,100,202		2,100,202		
0699997. Totals (gross)	69,840,282		64,163,512		5,676,770
0699998. Reinsurance ceded	5,676,770				5,676,770
0699999. Disability-Disabled Lives: Totals (net)	64,163,512		64,163,512		
0700001. For extra mortality under group life conversions					
0700002. For extra mortality under term conversions	10,429,589		10,429,589		
0700003. For excess of valuation net premiums over corresponding gross premiums on respective policies, computed according to the standard of valuation required by this state	61,803		61,803		
0700004. For non-deduction of deferred fractional premiums or return of premiums at the death of the insured	5,918,012		5,918,012		
0700005. For the surrender values in excess of reserves otherwise required	385,278		385,278		
0700006. VM-21/NY Reg 213 Excess Reserves	108,894		108,894		
0700007. TCL For extra mortality under term conversions	4,457,211		4,087,257		369,954
0700008. TCL For extra mortality on substandard policies	7,998,176		7,998,176		
0700009. TCL For excess of valuation net premiums over corresponding gross premiums on respective policies, computed according to the standard of valuation required by this state	3,715,473		3,491,130		224,343
0700010. TCL Additional actuarial reserves-asset/liability analysis					
0700011. TCL VM-21/NY Reg 213 Excess Reserves	886,576		886,576		
0700012. TCL Washington UL Excess Reserves	1,875,319		1,875,319		
0799997. Totals (gross)	35,836,331		35,242,034		594,297
0799998. Reinsurance ceded	4,811,541		4,811,541		
0799999. Miscellaneous Reserves: Totals (net)	31,024,790		30,430,493		594,297
9999999. Totals (net) - Page 3, Line 1	242,904,907,054		166,255,256,304		76,649,650,750

(a) Included in the above table are amounts of deposit-type contracts that originally contained a mortality risk. Amounts of deposit-type contracts in Column 2 that no longer contain a mortality risk are Life Insurance $; Annuities $ 268,609,335 ; Supplementary Contracts with Life Contingencies $ 2,854,660 ; Accidental Death Benefits $; Disability - Active Lives $; Disability - Disabled Lives $; Miscellaneous Reserves $.

EXHIBIT 5 - INTERROGATORIES

1.1 Has the reporting entity ever issued both participating and non-participating contracts? ..... Yes [ ] No [X]

1.2 If not, state which kind is issued.

Non-Participating .....

2.1 Does the reporting entity at present issue both participating and non-participating contracts? ..... Yes [ ] No [X]

2.2 If not, state which kind is issued.

Non-Participating .....

3. Does the reporting entity at present issue or have in force contracts that contain non-guaranteed elements? ..... Yes [X] No [ ]

If so, attach a statement that contains the determination procedures, answers to the interrogatories and an actuarial opinion as described in the instructions.

4. Has the reporting entity any assessment or stipulated premium contracts in force? Yes [ ] No [X]

If so, state:

4.1 Amount of insurance? ..... $.....

4.2 Amount of reserve? ..... $.....

4.3 Basis of reserve:

.....

4.4 Basis of regular assessments:

.....

4.5 Basis of special assessments:

.....

4.6 Assessments collected during the year ..... $.....

5. If the contract loan interest rate guaranteed in any one or more of its currently issued contracts is less than 5%, not in advance, state the contract loan rate guarantees on any such contracts.

None .....

6. Does the reporting entity hold reserves for any annuity contracts that are less than the reserves that would be held on a standard basis? ..... Yes [ ] No [X]

6.1 If so, state the amount of reserve on such contracts on the basis actually held: ..... $.....

6.2 That would have been held (on an exact or approximate basis) using the actual ages of the annuitants; the interest rate(s) used in 6.1; and the same mortality basis used by the reporting entity for the valuation of comparable annuity benefits issued to standard lives. If the reporting entity has no comparable annuity benefits for standard lives to be valued, the mortality basis shall be the table most recently approved by the state of domicile for valuing individual annuity benefits: ..... $.....

Attach statement of methods employed in their valuation.

7. Does the reporting entity have any Synthetic GIC contracts or agreements in effect as of December 31 of the current year? ..... Yes [ ] No [X]

7.1 If yes, state the total dollar amount of assets covered by these contracts or agreements ..... $.....

7.2 Specify the basis (fair value, amortized cost, etc.) for determining the amount:

.....

7.3 State the amount of reserves established for this business: ..... $.....

7.4 Identify where the reserves are reported in the blank:

.....

8. Does the reporting entity have any Contingent Deferred Annuity contracts or agreements in effect as of December 31 of the current year? ..... Yes [ ] No [X]

8.1 If yes, state the total dollar amount of account value covered by these contracts or agreements: ..... $.....

8.2 State the amount of reserves established for this business: ..... $.....

8.3 Identify where the reserves are reported in the blank:

.....

9. Does the reporting entity have any Guaranteed Lifetime Income Benefit contracts, agreements or riders in effect as of December 31 of the current year? ..... Yes [ ] No [X]

9.1 If yes, state the total dollar amount of any account value associated with these contracts, agreements or riders: ..... $.....

9.2 State the amount of reserves established for this business: ..... $.....

9.3 Identify where the reserves are reported in the blank:

.....

EXHIBIT 5A - CHANGES IN BASES OF VALUATION DURING THE YEAR

1	Valuation Basis		4
	2	3	
Description of Valuation Class	Changed From	Changed To	Increase in Actuarial Reserve Due to Change
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....
9999999 - Total (Column 4, only)			

NONE

EXHIBIT 6 - AGGREGATE RESERVES FOR ACCIDENT AND HEALTH CONTRACTS [a]

		1	Comprehensive		4	5	6	7	8	9	10	11	12	13
			2	3				Federal Employees Health Benefits Plan						
		Total	Individual	Group	Medicare Supplement	Vision Only	Dental Only		Title XVIII Medicare	Title XIX Medicaid	Credit A&H	Disability Income	Long-Term Care	Other Health
	ACTIVE LIFE RESERVE													
1.	Unearned premium reserves	272	272											
2.	Additional contract reserves (b)	238,624,878											238,624,878	
3.	Additional actuarial reserves-asset/liability analysis	156,000,000											156,000,000	
4.	Reserve for future contingent benefits													
5.	Reserve for rate credits													
6.	Aggregate write-ins for reserves													
7.	Totals (gross)	394,625,150	272										394,624,878	
8.	Reinsurance ceded	394,624,878											394,624,878	
9.	Totals (net)	272	272											
	CLAIM RESERVE													
10.	Present value of amounts not yet due on claims	182,731,103	875									21,868,941	160,861,287	
11.	Additional actuarial reserves-asset/liability analysis	8,000,000										8,000,000		
12.	Reserve for future contingent benefits													
13.	Aggregate write-ins for reserves													
14.	Totals (gross)	190,731,103	875									29,868,941	160,861,287	
15.	Reinsurance ceded	190,730,228										29,868,941	160,861,287	
16.	Totals (net)	875	875											
17.	TOTAL (net)	1,147	1,147											
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 through 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 through 1303 plus 1398) (Line 13 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.

(b) Attach statement as to valuation standard used in calculating this reserve, specifying reserve bases, interest rates and methods.

EXHIBIT 7 - DEPOSIT TYPE CONTRACTS

	1 Total	2 Guaranteed Interest Contracts	3 Annuities Certain	4 Supplemental Contracts	5 Dividend Accumulations or Refunds	6 Premium and Other Deposit Funds
1. Balance at the beginning of the year before reinsurance	18,287,725,737	9,660,821,623	1,136,777,024	143,878,394		7,346,248,696
2. Deposits received during the year	16,390,313,857	1,632,197,660	446,146,833	28,595,394		14,283,373,970
3. Investment earnings credited to the account	674,146,957	301,156,229	35,131,149	4,733,090		333,126,489
4. Other net change in reserves	(1,368,890)	(214,358)	(663,472)	(491,060)		
5. Fees and other charges assessed						
6. Surrender charges						
7. Net surrender or withdrawal payments	16,329,518,616	1,316,182,387	411,389,307	35,714,781		14,566,232,141
8. Other net transfers to or (from) Separate Accounts	(1,986,988)		(1,787,768)	(491,955)		292,735
9. Balance at the end of current year before reinsurance (Lines 1+2+3+4-5-6-7-8) (a)	19,023,286,033	10,277,778,767	1,207,789,995	141,492,992		7,396,224,279
10. Reinsurance balance at the beginning of the year						
11. Net change in reinsurance assumed						
12. Net change in reinsurance ceded						
13. Reinsurance balance at the end of the year (Lines 10+11-12)						
14. Net balance at the end of current year after reinsurance (Lines 9 + 13)	19,023,286,033	10,277,778,767	1,207,789,995	141,492,992		7,396,224,279

(a) FHLB Funding Agreements:

1.	Reported as GICs (captured in column 2)	$
2.	Reported as annuities certain (captured in column 3)	$
3.	Reported as supplemental contracts (captured in column 4)	$
4.	Reported as dividend accumulations or refunds (captured in column 5)	$
5.	Reported as premium or other deposit funds (captured in column 6)	$ 7,159,038,059
6.	Total Reported as deposit-type contracts (captured in column 1): (Sum of Lines 1 through 5)	$ 7,159,038,059

EXHIBIT 8 - CLAIMS FOR LIFE AND ACCIDENT AND HEALTH CONTRACTS

PART 1 - Liability End of Current Year

		1 Total	2 Individual Life	3 Group Life	4 Individual Annuities	5 Group Annuities	6 Accident & Health	7 Fraternal	8 Other Lines of Business
1. Due and unpaid:									
	1.1 Direct								
	1.2 Reinsurance assumed								
	1.3 Reinsurance ceded								
	1.4 Net								
2. In course of settlement:									
2.1 Resisted	2.11 Direct								
	2.12 Reinsurance assumed								
	2.13 Reinsurance ceded								
	2.14 Net		(b)	(b)	(b)				
2.2 Other	2.21 Direct	1,313,845,207	33,633,556	907,650	1,042,654,679	236,649,322			
	2.22 Reinsurance assumed								
	2.23 Reinsurance ceded	12,016,753	11,566,753	450,000					
	2.24 Net	1,301,828,454	(b) 22,066,803	(b) 457,650	(b) 1,042,654,679	236,649,322	(b)		
3. Incurred but unreported:									
	3.1 Direct	15,422,976	11,515,128	3,895,348			12,500		
	3.2 Reinsurance assumed								
	3.3 Reinsurance ceded	6,802,589	4,896,276	1,893,813			12,500		
	3.4 Net	8,620,387	(b) 6,618,852	(b) 2,001,535	(b)		(b)		
4. TOTALS	4.1 Direct	1,329,268,183	45,148,684	4,802,998	1,042,654,679	236,649,322	12,500		
	4.2 Reinsurance assumed								
	4.3 Reinsurance ceded	18,819,342	16,463,029	2,343,813			12,500		
	4.4 Net	1,310,448,841	(a) 28,685,655	(a) 2,459,185	1,042,654,679	236,649,322			

(a) Including matured endowments (but not guaranteed annual pure endowments) unpaid amounting to $ ..... in Column 2 and $ ..... in Column 3.

(b) Include only portion of disability and accident and health claim liabilities applicable to assumed "accrued" benefits. Reserves (including reinsurance assumed and net of reinsurance ceded) for unaccrued benefits for Individual Life $ .....665,985 Group Life $ ..... , and Individual Annuities $ .....
are included in Page 3, Line 1, (See Exhibit 5, Section on Disability Disabled Lives); and for Accident and Health $ ..... are included in Page 3, Line 2 (See Exhibit 6, Claim Reserve).

EXHIBIT 8 - CLAIMS FOR LIFE AND ACCIDENT AND HEALTH CONTRACTS

PART 2 - Incurred During the Year

	1 Total	2 Individual Life (a)	3 Group Life (b)	4 Individual Annuities	5 Group Annuities	6 Accident & Health	7 Fraternal	8 Other Lines of Business
1. Settlements During the Year:								
1.1 Direct	9,123,386,612	140,159,340	18,483,843	8,288,211,746	629,455,854	47,075,829		
1.2 Reinsurance assumed								
1.3 Reinsurance ceded	81,963,206	28,361,400	6,526,920			47,074,886		
1.4 Net	(c) 9,041,423,406	111,797,940	11,956,923	8,288,211,746	629,455,854	943		
2. Liability December 31, current year from Part 1:								
2.1 Direct	1,329,268,183	45,148,684	4,802,998	1,042,654,679	236,649,322	12,500		
2.2 Reinsurance assumed								
2.3 Reinsurance ceded	18,819,342	16,463,029	2,343,813			12,500		
2.4 Net	1,310,448,841	28,685,655	2,459,185	1,042,654,679	236,649,322			
3. Amounts recoverable from reinsurers December 31, current year	12,163,892	7,702,668	4,461,224					
4. Liability December 31, prior year:								
4.1 Direct	1,137,144,394	44,718,803	7,618,571	900,689,596	184,104,924	12,500		
4.2 Reinsurance assumed								
4.3 Reinsurance ceded	17,600,680	13,755,088	3,833,092			12,500		
4.4 Net	1,119,543,714	30,963,715	3,785,479	900,689,596	184,104,924			
5. Amounts recoverable from reinsurers December 31, prior year	2,818,762	1,430,193	1,388,569					
6. Incurred Benefits								
6.1 Direct	9,315,510,401	140,589,221	15,668,270	8,430,176,829	682,000,252	47,075,829		
6.2 Reinsurance assumed								
6.3 Reinsurance ceded	92,526,998	37,341,816	8,110,296			47,074,886		
6.4 Net	9,222,983,403	103,247,405	7,557,974	8,430,176,829	682,000,252	943		

(a) Including matured endowments (but not guaranteed annual pure endowments) amounting to $ 342,616 in Line 1.1, $ 342,616 in Line 1.4.
$ 342,616 in Line 6.1, and $ 342,616 in Line 6.4.

(b) Including matured endowments (but not guaranteed annual pure endowments) amounting to $ in Line 1.1, $ in Line 1.4.
$ in Line 6.1, and $ in Line 6.4.

(c) Includes $ 12,523,968 premiums waived under total and permanent disability benefits.

EXHIBIT OF NON-ADMITTED ASSETS

		1 Current Year Total Nonadmitted Assets	2 Prior Year Total Nonadmitted Assets	3 Change in Total Nonadmitted Assets (Col. 2 - Col. 1)
1.	Bonds (Schedule D)	87,114,007	32,549,102	(54,564,906)
2.	Stocks (Schedule D):			
	2.1 Preferred stocks			
	2.2 Common stocks	22,821,277	23,143,378	322,101
3.	Mortgage loans on real estate (Schedule B):			
	3.1 First liens			
	3.2 Other than first liens			
4.	Real estate (Schedule A):			
	4.1 Properties occupied by the company			
	4.2 Properties held for the production of income			
	4.3 Properties held for sale			
5.	Cash (Schedule E - Part 1), cash equivalents (Schedule E - Part 2) and short-term investments (Schedule DA)	15,857,596		(15,857,596)
6.	Contract loans	10,774	15,641	4,867
7.	Derivatives (Schedule DB)			
8.	Other invested assets (Schedule BA)	758,889,366	825,068,003	66,178,638
9.	Receivables for securities			
10.	Securities lending reinvested collateral assets (Schedule DL)			
11.	Aggregate write-ins for invested assets			
12.	Subtotals, cash and invested assets (Lines 1 to 11)	884,693,020	880,776,124	(3,916,896)
13.	Title plants (for Title insurers only)			
14.	Investment income due and accrued			
15.	Premiums and considerations:			
	15.1 Uncollected premiums and agents' balances in the course of collection			
	15.2 Deferred premiums, agents' balances and installments booked but deferred and not yet due	22,668,761	23,968,627	1,299,866
	15.3 Accrued retrospective premiums and contracts subject to redetermination			
16.	Reinsurance:			
	16.1 Amounts recoverable from reinsurers			
	16.2 Funds held by or deposited with reinsured companies			
	16.3 Other amounts receivable under reinsurance contracts			
17.	Amounts receivable relating to uninsured plans			
18.1	Current federal and foreign income tax recoverable and interest thereon			
18.2	Net deferred tax asset	3,292,527,487	3,250,290,536	(42,236,951)
19.	Guaranty funds receivable or on deposit			
20.	Electronic data processing equipment and software	339,317,839	294,759,478	(44,558,361)
21.	Furniture and equipment, including health care delivery assets	478,301,730	409,752,664	(68,549,065)
22.	Net adjustment in assets and liabilities due to foreign exchange rates			
23.	Receivables from parent, subsidiaries and affiliates	15,274,494	272,996	(15,001,498)
24.	Health care and other amounts receivable			
25.	Aggregate write-ins for other-than-invested assets	370,706,892	390,899,593	20,192,701
26.	Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 to 25)	5,403,490,223	5,250,720,018	(152,770,205)
27.	From Separate Accounts, Segregated Accounts and Protected Cell Accounts			
28.	Total (Lines 26 and 27)	5,403,490,223	5,250,720,018	(152,770,205)
	DETAILS OF WRITE-INS			
1101.				
1102.				
1103.				
1198.	Summary of remaining write-ins for Line 11 from overflow page			
1199.	Totals (Lines 1101 through 1103 plus 1198)(Line 11 above)			
2501.	Sundry receivables	185,486,230	196,305,571	10,819,341
2502.	Prepaid expenses	185,220,662	194,594,022	9,373,360
2503.				
2598.	Summary of remaining write-ins for Line 25 from overflow page			
2599.	Totals (Lines 2501 through 2503 plus 2598)(Line 25 above)	370,706,892	390,899,593	20,192,701

NOTES TO FINANCIAL STATEMENTS

1. Summary of Significant Accounting Policies and Going Concern

A. Accounting Principles

The financial statements of Teachers Insurance and Annuity Association of America (“TIAA” or the “Company”) are presented on the basis of statutory accounting principles prescribed or permitted by the New York State Department of Financial Services (“NYDFS” or the “Department”); a comprehensive basis of accounting that differs from accounting principles generally accepted in the United States (“GAAP”). The Department requires insurance companies domiciled in the State of New York to prepare their statutory-basis financial statements in accordance with the National Association of Insurance Commissioners’ (“NAIC”) *Accounting Practices and Procedures Manual* (“NAIC SAP”), subject to any deviation prescribed or permitted by the Department (“New York SAP”).

Under Regulation No. 172 (11 NYCRR 83), the Department did not adopt certain NAIC SAP guidance, specifically subparagraph 4.a. of SSAP No. 26R, Bonds, and the third sentence in footnote 1 of SSAP No. 97, Investments in Subsidiary, Controlled and Affiliated Entities, to treat certain exchange traded funds ("ETFs") designated by the Securities Valuation Office ("SVO"), ("SVO-Identified ETFs"), as qualifying for bond accounting treatment. Rather, the Department requires these SVO-identified ETFs to be reflected as equities under SSAP No. 30R, "Unaffiliated Common Stock". However, if the ETF meets certain criteria, the asset valuation reserve ("AVR") and interest maintenance reserve ("IMR") may be retained under SSAP No. 26R, and the ETF can be treated as a bond for the purpose of a domestic insurer's risk based capital ("RBC") report. The total balance of investment grade ETF holdings treated as equities as of December 31, 2025 and December 31, 2024, but treated as bonds for AVR, IMR, and RBC, are $2,248,338,965 and $647,542,908, respectively. This prescribed practice does not result in a difference to net income or capital and contingency reserves when compared to NAIC SAP.

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

	SSAP#	F/S Page	F/S Line	12/31/2025	12/31/2024
Net Income, New York SAP				$ (161,670,968)	$ (1,214,035,564)
New York SAP Prescribed Practices that are an increase/(decrease) from NAIC SAP:					
Additional Reserves for Term Conversions	51R	4	19	1,985,985	2,688,049
Additional Reserves for Variable Annuities	51R	4	19	(22,323)	5,251
Net Income, NAIC SAP				$ (163,634,630)	$ (1,216,728,864)
Capital and Contingency Reserves, New York SAP				$ 41,672,887,170	$ 41,049,960,096
New York SAP Prescribed Practices that are an increase/(decrease) from NAIC SAP:					
Deferred Premium Asset Limitation	51R, 61R	2	15.2	(361,366)	(441,706)
Additional Reserves for Term Conversions	51R	3	1	(14,886,801)	(16,872,786)
Additional Reserves for Variable Annuities	51R	3	1	(22,898)	(575)
Capital and Contingency Reserves, NAIC SAP				$ 41,688,158,235	$ 41,067,275,163

The additional reserve for term conversions results from the Department requiring in Regulation No. 147 (11 NYCRR 98), Valuation of Life Insurance Reserves, Section 98.4 for any policy which guarantees renewal, or conversion to another policy, without evidence of insurability, additional reserves shall be held to account for excess mortality due to anti-selection with appropriate margins to cover expenses and risk of moderately adverse deviations in experience.

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

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

The Company's risk based capital as of December 31, 2025, and December 31, 2024, would not have triggered a regulatory event without the use of the New York SAP prescribed practices.

NOTES TO FINANCIAL STATEMENTS

B. Use of Estimates in Preparation of the Financial Statements

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

The most significant estimates include those used in the recognition of OTTIs, reserves for life and health insurance, annuities and deposit-type contracts, and the valuation of deferred tax assets.

C. Accounting Policy

Life premiums are recognized as income over the premium paying period of the related policies. Annuity considerations are recognized as revenue when received. Deposits on deposit-type contracts are recorded directly as a liability when received. Expenses incurred in connection with acquiring new insurance business are charged to operations as incurred.

Policy and contract reserves are determined in accordance with standard valuation methods approved by the Department and are computed in accordance with standard actuarial methodology. The reserves established utilize assumptions for interest, mortality and other risks insured. Such reserves are established to provide for adequate contractual benefits guaranteed under policy and contract provisions.

The Company has established policy reserves on deferred and payout annuity contracts issued January 1, 2001 and later that exceed the minimum amounts determined under Appendix A-820, "Minimum Life and Annuity Reserve Standards" of NAIC SAP. The excess above the minimum is as follows:

	12/31/2025	12/31/2024
Additional Reserves for:		
Deferred and payout annuity contracts issued after 2000	$ 4,468,984,560	$ 4,308,831,859

Dividends on insurance policies and pension annuity non-participating contracts in the payout phase are generally declared by the TIAA Board of Trustees (the "Board") in December of each year, and such dividends are paid to policyholders in the following calendar year. Dividends on pension annuity non-participating contracts in the accumulation phase and on certain payout annuities are generally declared by the Board in February of each year, and such dividends on the various existing vintages of pension annuity contracts in the accumulation phase are credited to policyholders during the ensuing twelve month period beginning March 1. NAIC SAP accounting practices and procedures do not address dividends paid on non-participating contracts.

In addition, the Company uses the following accounting policies:

(1) Short-term investments (investments with remaining maturities greater than three months and less than or equal to one year at the time of acquisition, excluding those investments classified as cash equivalents) that are not impaired are stated at amortized cost using the straight line interest method. Short-term investments that are impaired are stated at the lower of amortized cost or fair value.

(2) Bonds are stated at amortized cost using the constant yield method. Bonds in or near default (rated NAIC 6) are stated at the lower of amortized cost or fair value. NAIC ratings are applied to bonds and other securities. Categories 1 and 2 are considered investment grade, while Categories 3 through 6 are considered below investment grade. The principal for Treasury Inflation Protected Securities ("TIPS") bonds is adjusted based on inflation and is recorded as an unrealized gain or loss and amortized over the remaining life of the security. Bonds are recorded on a trade date basis, except for private placement bonds, which are recorded on the funding date. Bonds the Company intends to sell prior to maturity ("held for sale") are stated at the lower of amortized cost or fair value.

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

(3) Unaffiliated common stocks are stated at fair value, which is based on quoted market prices, where available. Changes in fair value are recorded through surplus as an unrealized gain or loss. For common stocks without quoted market prices, fair value is estimated using independent pricing services or internally developed pricing models. When it is determined that a decline in fair value of an investment is other-than-temporary, the cost basis of the investment is reduced to its fair value and the amount of the reduction is accounted for as a realized loss. As discussed in note 1A, investment grade bond ETFs are accounted for as common stock and are stated at fair value.

NOTES TO FINANCIAL STATEMENTS

(4) Non-perpetual preferred stocks are stated at amortized cost unless they have an NAIC rating designation of 4, 5, or 6, which are stated at the lower of amortized cost or fair value. Perpetual and mandatory convertible preferred stocks are carried at fair value. The fair value of preferred stocks is determined using prices provided by independent pricing services or internally developed pricing models. When it is determined that a decline in fair value of an investment is other-than-temporary, the cost basis of the investment is reduced to its fair value and the amount of the reduction is accounted for as a realized loss.

(5) Mortgage loans are stated at amortized cost, net of valuation allowances. Amortized cost consists of the unpaid principal balance of the loans, net of unamortized premiums, discounts and certain mortgage origination fees. Mortgage loans held for sale are stated at the lower of amortized cost or fair value. Mortgage loans are evaluated for impairment when it is probable that the receipt of contractual payments of principal and interest may not occur when scheduled. If the impairment is considered to be temporary, a valuation allowance is established for the excess of the carrying value of the mortgage over its estimated fair value. Changes in valuation allowance for mortgage loans are included in net unrealized capital gains and losses on investments. When an event occurs resulting in an impairment that is other-than-temporary, a direct write-down is recorded as a realized loss and a new cost basis is established. The fair value of mortgage loans is generally determined using a discounted cash flow methodology based on coupon rates, maturity provisions and credit assumptions.

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

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

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

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

(7) Investments in subsidiary, controlled and affiliated ("SCA") entities are stated at the value of their underlying net assets as follows: (1) domestic insurance subsidiaries are stated at the value of their underlying statutory surplus, and (2) non-insurance subsidiaries are stated at the value of their underlying audited U.S. GAAP equity. Dividends and distributions from subsidiaries are recorded in investment income to the extent that they are not in excess of the investee's undistributed accumulated earnings and changes in the equity of subsidiaries are recorded directly to surplus as unrealized gains or losses.

(8) Investments in joint ventures, partnerships and limited liability companies are stated at cost, adjusted for the Company's underlying equity percentage based on the underlying US GAAP or International Financial Reporting Standards ("IFRS") as reflected on the respective entity's most recent available financial statements. The Company monitors the effects of current and expected market conditions and other factors on these investments to identify and quantify any impairment in value. The Company assesses the investments for potential impairment by performing analysis between the carrying value and the cost basis of the investments. The Company evaluates recoverability of the asset to determine if OTTI is warranted. When it is determined that a decline in fair value of an investment is other-than-temporary, the cost basis of the investment is reduced to its fair value and the amount of the reduction is accounted for as a realized loss.

(9) The Company designates its derivative transactions as hedging or replication transactions.

Derivatives that qualify and are designated for hedge accounting are reported as assets or liabilities on the balance sheet and accounted for in a manner consistent with the hedged item. Swap coupon cash flows and income accruals are reported as a component of net investment income. The gain or loss on these contracts is recognized in a manner consistent with the disposed hedged item.

Derivatives used in hedging relationships that do not qualify or are not designated for hedge accounting are carried at fair value. Changes in fair value are reported in surplus as net unrealized capital gains (losses). Swap coupon cash flows and income accruals are reported as a component of net investment income. The gain or loss on these contracts is recognized as realized capital gains (losses) and is subject to IMR or AVR treatment.

Derivatives used in replication transactions are accounted for in a manner consistent with the cash instrument and the replicated asset. Accordingly, these derivatives are carried at amortized cost or fair value. Amortization of derivative premiums and accretion of derivative discounts, swap coupon cash flows and income accruals are recorded as a component of net investment income. The gain or loss on these contracts is recognized as realized capital gains (losses) and is subject to IMR or AVR treatment.

The Company does not offset the carrying values recognized in the balance sheet for derivatives executed with the same counterparty under the same master netting agreement.

The net premiums and discounts of derivative trades are reported on the cash flow statement as either miscellaneous proceeds within proceeds from investments sold, matured or repaid or miscellaneous applications within cost of investments acquired. Upon termination, the net proceeds and payments are recorded on the cash flow statement as miscellaneous proceeds from investments sold, matured or repaid or miscellaneous applications within cost of investments acquired.

(10) The Company utilizes anticipated investment income as a factor in the premium deficiency calculation.

(11) Not applicable

(12) The Company has not modified its capitalization policy from the prior period.

(13) Not applicable

D. Going Concern

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

2. Accounting Changes and Corrections of Errors

Accounting Changes

Recently Issued Accounting Standards

The NAIC adopted 2024-10, *Book Value Separate Accounts*, in February 2025. Adopted revisions clarify measurement method guidance and prescribe guidance for how transfers to/from the general account and a book value separate account shall be recognized, which will ultimately result in a net zero impact in the IMR between the selling account and the purchasing account. The revisions are effective January 1, 2026. The Company is currently evaluating the impact of adoption; however, it is not expected to have a material impact to the financial statements.

The NAIC adopted 2025-13, *Residential Mortgage Loans Held in Statutory Trusts*, in December 2025. These revisions add residential mortgage loans held in qualifying investment trusts to the scope of SSAP 37, *Mortgage Loans*. Additionally, the guidance requires reporting of these residential mortgage loans on Schedule B - Mortgage Loans. The revised guidance is effective January 1, 2027 with early adoption permitted beginning January 1, 2026. The Company plans to early adopt this guidance which will result in the reclassification of approximately $800 million of residential mortgage loans held in a trust from Other Invested Assets (Schedule BA) to Mortgage Loans (Schedule B).

Recently Adopted Accounting Standards

During 2023 and 2024, the NAIC adopted several issuances under the overarching principles-based bond definition project. These issuances primarily revised SSAP No. 26, *Bonds*; SSAP No. 43, *Asset-Backed Securities*; and SSAP No. 21, *Other Admitted Assets*. The revisions provide a principles-based framework for bond classification. To be classified as a bond and reported on Schedule D, an investment must qualify as either an issuer credit obligation or an asset-backed security ABS within the updated framework. Investments not meeting this definition shall not be classified as bonds for Schedule D reporting purposes. The Company adopted the revisions effective January 1, 2025. The total carrying value of investments reclassified from Schedule D to Schedule BA upon reevaluation under the updated framework was not material to the Company's financial statements.

In March 2024, the NAIC adopted revisions to SSAP 21, *Other Admitted Assets*, to prescribe the accounting guidance (measurement method) for all residual interests regardless of legal form. Upon adoption, residual interests will be reported initially at cost. Subsequent to initial acquisition, residuals will be reported either 1) at the lower of amortized cost or fair value under the Allowable Earned Yield method, or 2) using the calculated practical expedient method. The Allowable Earned Yield method is based on a discounted cash flow methodology and allows for cash receipts to be recorded as investment income up to the calculated allowable

yield, with the excess cash flow applied to the amortized cost balance. The practical expedient is a cost recovery method, resulting in no interest income recognition until the residual interest has a carrying value of zero. The Company elected to use the Allowable Earned Yield method, which was adopted January 1, 2025 on a prospective basis using the December 31, 2024 carrying value as the starting point of the calculation. The adoption of this guidance did not have a material impact to the Company's financial statements.

The NAIC adopted 2024-22, *ASU 2024-01 – Scope Application of Profits Interest and Similar Awards*, in February 2025 which adopted with modification FASB ASU 2024-01. The revisions require reporting entities which issue profits interest or similar awards as compensation to either employees or non-employees in exchange for goods or services to apply the guidance in SSAP No. 4, *Share-Based Payments* to determine whether the award is a share-based payment transaction and in scope of SSAP No. 4. The guidance was effective December 31, 2025 and did not have a material impact to the Company's financial statements.

Corrections of Errors

The Company had no material corrections of errors during 2025 and 2024.

3. Business Combinations and Goodwill

A. Not applicable

B. Statutory Merger

1. On December 4, 2025, the Company and TIAA-CREF Life Insurance Company, Inc. ("TC Life") executed an Agreement and Plan of Merger. Following receipt of all requisite regulatory approvals, TC Life merged with and into the Company, with the Company as the surviving entity, effective at the close of business on December 31, 2025.

2. The merger was accounted for in accordance with SSAP 68 - Business Combinations and Goodwill, as a statutory merger. As such, financial statements for periods prior to the merger were combined and the recorded assets, liabilities and surplus of the Company and TC Life were carried forward to the merged company. The common capital stock in TC Life was canceled.

3. The Company did not issue any new shares as part of the merger.

4. Pre-merger separate company revenue, net income, and other surplus adjustments for the 12 months ended December 31, 2025 were as follows:

	2025	
	The Company	TC Life
Revenue	$ 38,348,007,713	$ 779,786,904
Net Income	$ (242,154,982)	$ 80,484,014
Other Surplus Adjustments	$ 862,578,691	$ (20,295,513)

5. No adjustments were made directly to the surplus of TC Life as a result of the merger.

C. Not applicable

D. Not applicable

E. Not applicable

4. Discontinued Operations

Not applicable

5. Investments

A. Mortgage Loans

(1) The maximum and minimum lending rates for mortgage loans issued during 2025 were:

Commercial Loans	Maximum	7.75%	Minimum	3.50%
Residential Loans	Maximum	7.63%	Minimum	4.50%

(2) The maximum percentage of any one loan to the value of the security at the time of the loan, exclusive of insured, guaranteed or purchase money mortgages was: 76% commercial loans and 80% residential loans.

NOTES TO FINANCIAL STATEMENTS

(3)

	12/31/2025	12/31/2024
Taxes, assessments and any amounts advanced and not included in the mortgage loan total:	$ —	$ —

(4) Age Analysis of Mortgage Loans and Identification of Mortgage Loans in Which the Company is a Participant or Co-lender in a Mortgage Loan Agreement (in millions):

		Farm	Residential Insured	Residential All Other	Commercial Insured	Commercial All Other	Mezzanine	Total
a.	Current Year as of 12/31/2025							
1.	Recorded Investment (All)							
(a)	Current	$ —	$ —	$ 3,882	$ —	$ 32,102	$ 720	$ 36,704
(b)	30-59 days past due	—	—	19	—	—	47	66
(c)	60-89 Days Past Due	—	—	1	—	—	—	1
(d)	90-179 Days Past Due	—	—	5	—	—	—	5
(e)	180+ Days Past Due	—	—	10	—	—	96	106
2.	Accruing Interest 90 – 179 Days Past Due							
(a)	Recorded Investment	$ —	$ —	$ 5	$ —	$ —	$ —	$ 5
(b)	Interest Accrued	—	—	—	—	—	—	—
3.	Accruing Interest 180+ Days Past Due							
(a)	Recorded Investment	$ —	$ —	$ 10	$ —	$ —	$ 96	$ 106
(b)	Interest Accrued	—	—	—	—	—	—	—
4.	Interest Reduced							
(a)	Recorded Investment	$ —	$ —	$ 1	$ —	$ 139	$ —	$ 140
(b)	Number of Loans	—	—	4	—	2	1	$ 7
(c)	Percent Reduced	— %	— %	14 %	— %	1 %	5 %	21 %
5.	Participant or Co-lender in a Mortgage Loan Agreement							
(a)	Recorded Investment	$ —	$ —	$ —	$ —	$ 4,046	$ 862	$ 4,908
b.	Prior Year as of 12/31/2024							
1.	Recorded Investment							
(a)	Current	$ —	$ —	$ 3,682	$ —	$ 33,155	$ 1,447	$ 38,284
(b)	30-59 Days Past Due	—	—	18	—	—	—	18
(c)	60-89 Days Past Due	—	—	4	—	—	—	4
(d)	90-179 Days Past Due	—	—	5	—	64	—	69
(e)	180+ Days Past Due	—	—	4	—	—	86	90
2.	Accruing Interest 90 – 179 Days Past Due							
(a)	Recorded Investment	$ —	$ —	$ 5	$ —	$ 64	$ —	$ 69
(b)	Interest Accrued	—	—	—	—	—	—	—
3.	Accruing Interest 180+ Days Past Due							
(a)	Recorded Investment	$ —	$ —	$ 4	$ —	$ —	$ 86	$ 90
(b)	Interest Accrued	$ —	$ —	$ —	$ —	$ —	$ —	$ —
4.	Interest Reduced							
(a)	Recorded Investment	$ —	$ —	$ —	$ —	$ 112	$ —	$ 112
(b)	Number of Loans	—	—	2	—	2	—	4
(c)	Percent Reduced	— %	— %	3 %	— %	2 %	— %	5 %
5.	Participant or Co-lender in a Mortgage Loan Agreement							
(a)	Recorded Investment	$ —	$ —	$ —	$ —	$ 4,024	$ 1,533	$ 5,556

NOTES TO FINANCIAL STATEMENTS

(5) Investment in Impaired Loans With or Without Allowance for Credit Losses and Impaired Loans subject to a Participant or Co-lender Mortgage Loan Agreement for which the Company is Restricted from Unilaterally Foreclosing on the Mortgage Loan (in millions):

		Farm	Residential Insured	Residential All Other	Commercial Insured	Commercial All Other	Mezzanine	Total
a.	Current Year as of 12/31/2025							
1.	With Allowance for Credit Losses	$ —	$ —	$ —	$ —	$ 229	$ —	$ 229
2.	No Allowance for Credit Losses	—	—	—	—	596	96	692
3.	Total (1+2)	—	—	—	—	825	96	921
4.	Subject to a participant or co-lender mortgage loan agreement for which the reporting entity is restricted from unilaterally foreclosing on the mortgage loan	—	—	—	—	85	96	180
b.	Prior Year as of 12/31/2024							
1.	With Allowance for Credit Losses	$ —	$ —	$ —	$ —	$ 660	$ 17	$ 677
2.	No Allowance for Credit Losses	—	—	—	—	383	107	490
3.	Total (1+2)	—	—	—	—	1,042	124	1,167
4.	Subject to a participant or co-lender mortgage loan agreement for which the reporting entity is restricted from unilaterally foreclosing on the mortgage loan	—	—	—	—	—	124	124

(6) Investment in Impaired Loans – Average Recorded Investment, Interest Income Recognized, Recorded Investment on Non-accrual Status and Amount of Interest Income Recognized Using a Cash-Basis Method of Accounting (in millions):

		Farm	Residential Insured	Residential All Other	Commercial Insured	Commercial All Other	Mezzanine	Total
a.	Current Year as of 12/31/2025							
1.	Average Recorded Investment	$ —	$ —	$ —	$ —	$ 825	$ 96	$ 921
2.	Interest Income Recognized	—	—	—	—	22	15	37
3.	Recorded Investments on Non-accrual Status	—	—	—	—	740	96	836
4.	Amount of Interest Income Recognized Using a Cash-Basis Method of Accounting	—	—	—	—	—	—	—

		Farm	Residential Insured	Residential All Other	Commercial Insured	Commercial All Other	Mezzanine	Total
b.	Prior Year as of 12/31/2024							
1.	Average Recorded Investment	$ —	$ —	$ —	$ —	$ 1,042	$ 124	$1,167
2.	Interest Income Recognized…	—	—	—	—	30	18	48
3.	Recorded Investments on Non-accrual Status	—	—	—	—	991	104	1,095
4.	Amount of Interest Income Recognized Using a Cash-Basis Method of Accounting	—	—	—	—	—	—	—

(7) Allowance for credit losses (in millions):

		12/31/2025	12/31/2024
a)	Balance at beginning of period	$ 98	$ 147
b)	Additions charged to operations	$ 143	$ 407
c)	Direct write-downs charged against the allowances	$ 209	$ 456
d)	Recoveries of amounts previously charged off	$ 3	$ —
e)	Balance at end of period (a+b-c-d)	$ 29	$ 98

(8) For mortgage loans derecognized as a result of foreclosure provide the following (in millions):

		12/31/2025
a)	Aggregate amount of mortgage loans derecognized as a result of foreclosure	$ —
b)	Real estate collateral recognized	$ —
c)	Other collateral recognized	$ —
d)	Receivables recognized from a government guarantee of the foreclosed mortgage loan	$ —

NOTES TO FINANCIAL STATEMENTS

(9) The Company recognizes interest income on its impaired loans as earned to the extent it is deemed collectible. If deemed uncollectible, the Company recognizes interest income on its impaired loans upon receipt.

B. Debt Restructuring

		12/31/2025	12/31/2024
(1)	The total recorded investment in restructured loans, as of year-end	$ 836,259,791	$ 1,030,673,404
(2)	The realized capital losses related to these loans	$ 108,810,933	$ 250,671,982
(3)	Total contractual commitments to extend credit to debtors owing receivables whose terms have been modified in troubled debt restructurings	$ —	$ —

(4) The Company accrues interest income on impaired loans to the extent it is deemed collectible. Due and accrued income, which has been deemed collectible, will be admitted in an amount not exceeding the value of the property (less taxes) over the unpaid principal balance of the loan. Any loans in default more than 90 days will have all due and accrued income nonadmitted.

C. Reverse Mortgages

Not applicable

D. Asset-Backed Securities

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

(2) There was no OTTI on securities with the intent to sell through December 31, 2025.

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

CUSIP	Book/Adj. Carrying Value Amortized Cost Before Current Period OTTI	Present Value of Projected Cash Flows	Recognized Other-Than-Temporary Impairment	Amortized Cost After Other-Than-Temporary Impairment	Fair Value as of Impairment Date	Date of Financial Statement Where Reported
62878HAA9	$ 46,392,344	$ 39,433,493	$ (6,958,852)	$ 39,433,493	$ 39,433,493	3/31/2025
62883*AF9	38,660,287	32,861,244	(5,799,043)	32,861,244	32,861,244	3/31/2025
62883*AA0	86,985,646	73,937,799	(13,047,847)	73,937,799	73,937,799	3/31/2025
62878HAB7	7,732,058	6,572,249	(1,159,809)	6,572,249	6,572,249	3/31/2025
62883*AC6	48,325,361	41,076,557	(7,248,804)	41,076,557	41,076,557	3/31/2025
G1001#AC0	35,000,000	8,930,469	(26,069,531)	8,930,469	8,689,844	3/31/2025
44509PAB4	114,750,000	86,400,000	(28,350,000)	86,400,000	86,400,000	3/31/2025
62883*AB8	19,330,144	16,430,622	(2,899,522)	16,430,622	16,430,622	3/31/2025
62883*AD4	98,197,129	83,467,560	(14,729,569)	83,467,560	83,467,560	3/31/2025
46628YBP4	2,586,589	1,786,448	(800,141)	1,786,448	1,786,448	3/31/2025
44509PAA6	42,500,000	32,000,000	(10,500,000)	32,000,000	32,000,000	3/31/2025
Total			**$ (117,563,118)**			

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

a. The aggregate amount of unrealized losses:

1. Less than 12 Months	$ 92,111,840
2. 12 Months or Longer	$ 1,797,123,804

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

1. Less than 12 Months	$ 2,578,791,742
2. 12 Months or Longer	$ 22,515,842,327

(5) The Company's management periodically reviews the investment portfolios and identifies investments which may have deteriorated in credit quality and are candidates for impairment. The Company develops cash flows as part of its impairment review process. Where the cash flows support the recovery of the principal balance, the Company concludes that the impairment is not other-than-temporary.

NOTES TO FINANCIAL STATEMENTS

E. Dollar Repurchase Agreements and/or Securities Lending Transactions

(1) The Company has a securities lending program whereby blocks of securities, which are included in invested assets, are loaned to third parties, primarily brokerage firms and commercial banks. Generally, the Company requires collateral equal to 102% of the current estimated fair value of the loaned securities for the duration of the loan. The Company monitors the estimated fair value of the securities loaned on a daily basis with additional collateral obtained as necessary.

See Note 35 for information on separate account securities lending.

(2) The Company did not have any pledged assets as collateral for securities lending transactions as of December 31, 2025.

(3) Collateral Received:

a. Aggregate Amount Collateral Received

		Fair Value
1.	Securities Lending	
(a)	Open	$ 2,474,463,663
(b)	30 Days or Less	—
(c)	31 to 60 Days	—
(d)	61 to 90 Days	—
(e)	Greater Than 90 Days	—
(f)	Sub - Total (a+b+c+d+e)	$ 2,474,463,663
(g)	Securities Received	—
(h)	Total Collateral Received (f+g)	$ 2,474,463,663

b. The fair value of the collateral received for the securities lending program was $2,474,463,663. This collateral is cash and was not sold or re-pledged as of December 31, 2025.

c. Of cash collateral received from the securities lending program, $2,474,463,663 was held as cash or reinvested in overnight, government-backed, repurchase agreements as of December 31, 2025.

(4) As of December 31, 2025, the Company has no securities lending transactions administered by an affiliated agent.

(5) Collateral Reinvestment

a. Aggregate Amount Collateral Reinvested

		Amortized Cost	Fair Value
1.	Securities Lending		
(a)	Open	$ 2,474,463,663	$ 2,474,463,663
(b)	30 Days or Less	—	—
(c)	31 to 60 Days	—	—
(d)	61 to 90 Days	—	—
(e)	91 to 120 Days	—	—
(f)	121 to 180 Days	—	—
(g)	181 to 365 Days	—	—
(h)	1 to 2 Years	—	—
(i)	2 to 3 Years	—	—
(j)	Greater Than 3 Years	—	—
(k)	Sub - Total (Sum of a through i)	$ 2,474,463,663	$ 2,474,463,663
(l)	Securities Received	—	—
(m)	Total Collateral Reinvested (k+l)	$ 2,474,463,663	$ 2,474,463,663

b. The collateral received in connection with the securities lending program is held as cash and overnight Treasury reverse repurchase investments. Thus, the collateral remains liquid and could be returned in the event of a collateral call.

(6) Not applicable

(7) The contracts for the securities lending transactions as of December 31, 2025, are open ended with no termination date specified. The collateral for the open ended transactions as of December 31, 2025 was cash in the amount of $2,474,463,663.

NOTES TO FINANCIAL STATEMENTS

F. Repurchase Agreements Transactions Accounted for as Secured Borrowing

(1) The Company has a repurchase program to sell and repurchase securities for the purpose of providing additional liquidity. For repurchase agreements, the Company's policy requires a minimum of 95% of the fair value of securities transferred under repurchase agreements to be maintained as collateral.

The Company has procedures in place to monitor the value of the collateral held and the fair value of the securities transferred under the agreements. If at any time the value of the collateral received from the counterparty falls below 95% of the fair value of securities transferred, the Company is entitled to receive additional collateral from its counterparty. The Company monitors the estimated fair value of the securities sold under the agreements on a daily basis with additional collateral sent/obtained as necessary. If the counterparty were to default on its obligation to return the securities sold under the agreement on the repurchase date, the Company has the right to retain the collateral.

The Company had no outstanding repurchase agreements as of December 31, 2025.

(2) Type of Repo Trades Used

		FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER
a.	Bilateral (YES/NO)	NO	NO	NO	YES
b.	Tri-Party (YES/NO)	NO	NO	NO	NO

(3) Original (Flow) & Residual Maturity

	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER
a. Maximum Amount				
1. Open - No Maturity	$ —	$ —	$ —	$ —
2. Overnight	$ —	$ —	$ —	$ 30,000,000
3. 2 Days to 1 Week	$ —	$ —	$ —	$ —
4. >1 Week to 1 Month	$ —	$ —	$ —	$ —
5. >1 Month to 3 Months	$ —	$ —	$ —	$ —
6. >3 Months to 1 Year	$ —	$ —	$ —	$ —
7. >1 Year	$ —	$ —	$ —	$ —
b. Ending Balance				
1. Open - No Maturity	$ —	$ —	$ —	$ —
2. Overnight	$ —	$ —	$ —	$ —
3. 2 Days to 1 Week	$ —	$ —	$ —	$ —
4. >1 Week to 1 Month	$ —	$ —	$ —	$ —
5. >1 Month to 3 Months	$ —	$ —	$ —	$ —
6. >3 Months to 1 Year	$ —	$ —	$ —	$ —
7. >1 Year	$ —	$ —	$ —	$ —

(4) Aggregate Narrative Disclosure of Fair Value Securities Sold and/or Acquired that Resulted in Default

Not applicable

(5) Securities "Sold" Under Repo - Secured Borrowing

	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER
a. Maximum Amount				
1. BACV	$ —	$ —	$ —	$ 11,648,989
2. Nonadmitted - Subset of BACV	$ —	$ —	$ —	$ —
3. Fair Value	$ —	$ —	$ —	$ 9,982,241
b. Ending Balance				
1. BACV	$ —	$ —	$ —	$ —
2. Nonadmitted - Subset of BACV	$ —	$ —	$ —	$ —
3. Fair Value	$ —	$ —	$ —	$ —

(6) Securities Sold Under Repo - Secured Borrowing by NAIC Designation

Not applicable

NOTES TO FINANCIAL STATEMENTS

(7) Collateral Received - Secured Borrowing

	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER
a. Maximum Amount				
1. Cash	$ —	$ —	$ —	$ —
2. Securities (FV)	$ —	$ —	$ —	$ 30,000,000
b. Ending Balance				
1. Cash	$ —	$ —	$ —	$ —
2. Securities (FV)	$ —	$ —	$ —	$ —

(8) Cash & Non-Cash Collateral Received - Secured Borrowing by NAIC Designation

Not applicable

(9) Allocation of Aggregate Collateral by Remaining Contractual Maturity

Not applicable

(10) Allocation of Aggregate Collateral Reinvested by Remaining Contractual Maturity

Not applicable

(11) Liability to Return Collateral - Secured Borrowing (Total)

	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER
a. Maximum Amount				
1. Cash (Collateral - All)	$ —	$ —	$ —	$ —
2. Securities Collateral (FV)	$ —	$ —	$ —	$ 10,001,125
b. Ending Balance				
1. Cash (Collateral - All)	$ —	$ —	$ —	$ —
2. Securities Collateral (FV)	$ —	$ —	$ —	$ —

G. Reverse Repurchase Agreements Transactions Accounted for as Secured Borrowing

(1) The Company enters into tri-party reverse repurchase agreements to purchase and resell short-term securities. The Company receives securities as collateral, having a fair value at least equal to 102% of the purchase price paid by the Company for the securities. If at anytime the fair value of the collateral is less than 100% of the purchase price paid by the Company, the counterparty shall be obligated to deliver additional collateral, the fair value of which, together with fair value of all collateral then held in connection with the transaction, at least equals 102% of the purchase price of the transferred securities. The Company is not permitted to sell or repledge these securities. The collateral is not recorded on the Company's financial statements. However, if the counterparty defaults, the Company would then exercise its right with respect to the collateral, including a sale of the collateral. The Company records the amount paid for these securities purchased under agreements to resell in short-term investments. At December 31 2025, the Company held $22,500,000 in short-term investments for reverse repurchase agreements.

(2) Type of Repo Trades Used

	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER
a. Bilateral (YES/NO)	NO	NO	NO	NO
b. Tri-Party (YES/NO)	NO	NO	YES	YES

NOTES TO FINANCIAL STATEMENTS

(3) Original (Flow) & Residual Maturity

	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER
a. Maximum Amount				
1. Open - No Maturity	$ —	$ —	$ —	$ —
2. Overnight	$ —	$ —	$ 57,500,000	$ 539,500,000
3. 2 Days to 1 Week	$ —	$ —	$ —	$ —
4. >1 Week to 1 Month	$ —	$ —	$ —	$ —
5. >1 Month to 3 Months	$ —	$ —	$ —	$ —
6. >3 Months to 1 Year	$ —	$ —	$ —	$ —
7. >1 Year	$ —	$ —	$ —	$ —
b. Ending Balance				
1. Open - No Maturity	$ —	$ —	$ —	$ —
2. Overnight	$ —	$ —	$ 44,500,000	$ 22,500,000
3. 2 Days to 1 Week	$ —	$ —	$ —	$ —
4. >1 Week to 1 Month	$ —	$ —	$ —	$ —
5. >1 Month to 3 Months	$ —	$ —	$ —	$ —
6. >3 Months to 1 Year	$ —	$ —	$ —	$ —
7. >1 Year	$ —	$ —	$ —	$ —

(4) Aggregate Narrative Disclosure of Fair Value Securities Sold and/or Acquired that Resulted in Default

Not applicable

(5) Fair Value of Securities Acquired Under Repo - Secured Borrowing

	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER
a. Maximum Amount	$ —	$ —	$ 57,500,000	$ 539,500,000
b. Ending Balance	$ —	$ —	$ 44,500,000	$ 22,500,000

(6) Securities Acquired Under Repo - Secured Borrowing by NAIC Designation

ENDING BALANCE	1 NONE	2 NAIC 1	3 NAIC 2	4 NAIC 3	5 NAIC 4	6 NAIC 5	7 NAIC 6	8 DOES NOT QUALIFY AS ADMITTED
a. ICO - FV	$ —	$ 22,500,000	$ —	$ —	$ —	$ —	$ —	$ —
b. ABS - FV	—	—	—	—	—	—	—	—
c. Preferred Stock - FV	—	—	—	—	—	—	—	—
d. Common Stock	—	—	—	—	—	—	—	—
e. Mortgage Loans - FV	—	—	—	—	—	—	—	—
f. Real Estate - FV	—	—	—	—	—	—	—	—
g. Derivatives - FV	—	—	—	—	—	—	—	—
h. Other Invested Assets - FV	—	—	—	—	—	—	—	—
i. Total Assets - FV	$ —	$ 22,500,000	$ —	$ —	$ —	$ —	$ —	$ —

(7) Collateral Provided - Secured Borrowing

	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER
a. Maximum Amount				
1. Cash	$ —	$ —	$ —	$ —
2. Securities (FV)	$ —	$ —	$ 58,650,000	$ 550,290,000
3. Securities (BACV)	XXX	XXX	XXX	XXX
4. Nonadmitted Subset (BACV)	XXX	XXX	XXX	XXX
b. Ending Balance				
1. Cash	$ —	$ —	$ —	$ —
2. Securities (FV)	$ —	$ —	$ 45,390,000	$ 22,950,000
3. Securities (BACV)	$ —	$ —	$ —	$ —
4. Nonadmitted Subset (BACV)	$ —	$ —	$ —	$ —

NOTES TO FINANCIAL STATEMENTS

(8) Allocation of Aggregate Collateral Pledged by Remaining Contractual Maturity

		AMORTIZED COST	FAIR VALUE
a.	Overnight and Continuous	$ 22,950,000	$ 22,950,000
b.	30 Days or Less	$ —	$ —
c.	31 to 90 Days	$ —	$ —
d.	>90 Days	$ —	$ —

(9) Recognized Receivable for Return of Collateral - Secured Borrowing

At December 31, 2025, the Company did not have a recognized receivable for return of collateral.

(10) Recognized Liability to Return Collateral - Secured Borrowing (Total)

At December 31, 2025, the Company did not have a recognized liability to return collateral.

H. Repurchase Agreements Transactions Accounted for as a Sale

Not applicable

I. Reverse Repurchase Agreements Transactions Accounted for as a Sale

Not applicable

J. Real Estate

(1) The Company recognized $8,318,046 in OTTI on its directly owned real estate for the year ended December 31, 2025. The Company monitors the effects of current and expected market conditions and other factors on its real estate investments to identify and quantify any impairment in value. The Company assesses assets to determine if events or changes in circumstances indicate that the carrying amount of the asset may not be recoverable. The Company evaluates the recoverability of income producing investments based on undiscounted cash flows and then reviews the results of an independent third party appraisal to determine the fair value and if an adjustment is required.

(2) As of December 31, 2025, the Company had $87,974,829 of real estate investments classified as held for sale. For the year ended December 31, 2025, the Company recognized net realized gains of $57,133,420 on real estate sold in the current year. The gains are included in net realized capital gains (losses) in the summary of operations.

(3) There were no changes during 2025 in the Company’s plans to sell investment real estate.

(4) The Company has no retail land sales operations.

(5) The Company has no real estate investments with participating mortgage loan features.

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

Not applicable

NOTES TO FINANCIAL STATEMENTS

L. Restricted Assets

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

		Gross (Admitted and Nonadmitted) Restricted										
		Current Year					Prior Year	Current Year				
		1	2	3	4	5	6	7	8	9	10	11
		Total General Account (G/A)	G/A Supporting S/A Activity (a)	Total Separate Account (S/A) Restricted Assets	S/A Assets Supporting G/A Activity (b)	Total (1 plus 3)	Total From Prior Year	Increase / (Decrease (5 minus 6)	Total Nonadmitted Restricted	Total Admitted Restricted (5 minus 8)	Gross (Admitted & Nonadmitted) Restricted to Total Assets (c)	Admitted Restricted to Total Admitted Assets (d)
a.	Subject to contractual obligation for which liability is not shown	$ —	$ —	$ —	$ —	$ —	$ —	$ —	$ —	$ —	— %	— %
b.	Collateral held under security lending agreements	2,474	—	4	—	2,478	1,375	1,103	—	2,478	0.642 %	0.651 %
c.	Subject to repurchase agreements	—	—	—	—	—	—	—	—	—	— %	— %
d.	Subject to reverse repurchase agreements	23	—	265	—	288	—	288	—	288	0.075 %	0.076 %
e.	Subject to dollar repurchase agreements	—	—	—	—	—	—	—	—	—	— %	— %
f.	Subject to dollar reverse repurchase agreements	—	—	—	—	—	—	—	—	—	— %	— %
g.	Placed under option contracts	—	—	—	—	—	—	—	—	—	— %	— %
h.	Letter stock or securities restricted as to sale – excluding FHLB capital stock	—	—	—	—	—	—	—	—	—	— %	— %
i.	FHLB capital stock	375	—	—	—	375	373	2	—	375	0.097 %	0.099 %
j.	On deposit with states	19	—	—	—	19	19	—	—	19	0.005 %	0.005 %
k.	On deposit with other regulatory bodies	—	—	—	—	—	—	—	—	—	— %	— %
l.	Pledged as collateral to FHLB (including assets backing funding agreements)	8,804	—	—	—	8,804	9,108	(304)	—	8,804	2.282 %	2.315 %
m.	Pledged as collateral not captured in other categories	2,061	—	—	—	2,061	1,186	875	—	2,061	0.534 %	0.542 %
n.	Other restricted assets	—	—	26	—	26	48	(22)	—	26	0.007 %	0.007 %
o.	Collateral assets received and on balance sheet	612	—	—	—	612	1,570	(958)	—	612	0.159 %	0.161 %
p.	Assets held under modco reinsurance agreements	251	—	155	—	406	379	27	—	406	0.105 %	0.107 %
q.	Assets held under funds withheld reinsurance agreements	—	—	—	—	—	—	—	—	—	— %	— %
r.	**Total restricted assets (Sum of a through q)**	$ 14,619	$ —	$ 450	$ —	$ 15,069	$ 14,058	$ 1,011	$ —	$ 15,069	3.906 %	3.963 %

(a) Subset of Column 1
(b) Subset of Column 3
(c) Column 5 divided by Assets Page, Column 1, Line 28
(d) Column 9 divided by Assets Page, Column 3, Line 28

NOTES TO FINANCIAL STATEMENTS

		Current Year		
		12	13	14
	Restricted Asset Category	Amount Reported in General Interrogatories ("GI")	Difference from Note and GI	GI Ref
a.	Subject to contractual obligation for which liability is not shown	xxx	xxx	xxx
b.	Collateral held under security lending agreements	2,474	$ —	25.04+25.05
c.	Subject to repurchase agreements	—	—	26.21
d.	Subject to reverse repurchase agreements	23	—	26.22
e.	Subject to dollar repurchase agreements	—	—	26.23
f.	Subject to dollar reverse repurchase agreements	—	—	26.24
g.	Placed under option contracts	—	—	26.25
h.	Letter stock or securities restricted as to sale – excluding FHLB capital stock	—	—	26.26
i.	FHLB capital stock	375	—	26.27
j.	On deposit with states	19	—	26.28
k.	On deposit with other regulatory bodies	—	—	26.29
l.	Pledged as collateral to FHLB (including assets backing funding agreements)	8,804	—	26.31
m.	Pledged as collateral not captured in other categories	2,061	—	26.30
n.	Other restricted assets	—	—	26.32
o.	Collateral assets received and on balance sheet	xxx	xxx	xxx
p.	Assets held under modco reinsurance agreements	xxx	xxx	xxx
q.	Assets held under funds withheld reinsurance agreements	xxx	xxx	xxx
r.	**Total restricted assets (Sum of a through q)**	**xxx**	**xxx**	**xxx**

(2) Detail of Assets Pledged as Collateral Not Captured in Other Categories (Contracts That Share Similar Characteristics, Such as Reinsurance (excluding Modco/FWH) and Derivatives, Are Reported in the Aggregate) (in millions)

	Gross (Admitted and Nonadmitted) Restricted									
	1	2	3	4	5	6	7	8	9	10
Description of Assets	Total General Account (G/A)	G/A Supporting (S/A) Activity (a)	Total Separate Account (S/A) Restricted Assets	S/A Assets Supporting G/A Activity (b)	Total (1 plus 3)	Total From Prior Year	Increase / (Decrease) (5 minus 6)	Total Current Year Admitted Restricted	Gross (Admitted and Nonadmitted) Restricted to Total Assets	Admitted Restricted to Total Admitted Assets
Derivative Collateral	$ 2,061	$ —	$ —	$ —	$ 2,061	$ 1,176	$ 885	$ 2,061	0.534 %	0.542 %
Forward Loan Purchases	—	—	—	—	—	10	(10)	—	— %	— %
Total (c)	$ 2,061	$ —	$ —	$ —	$ 2,061	$ 1,186	$ 875	$ 2,061	0.534 %	0.542 %
Amount of Total pledged under derivative contracts	2,061	—	—	—	2,061	1,176	885	2,061	xxx	xxx
Total Excluding Derivative Collateral (Total minus Amt of Total pledged under derivative contracts)	$ —	$ —	$ —	$ —	$ —	$ 10	$ (10)	$ —	xxx	xxx

(3) Detail of Other Restricted Assets (Contracts That Share Similar Characteristics, Such as Reinsurance (excluding Modco/FWH) and Derivatives, Are Reported in the Aggregate) (in millions)

	Gross (Admitted and Nonadmitted) Restricted									
	1	2	3	4	5	6	7	8	9	10
Description of Assets	Total General Account (G/A)	G/A Supportin g (S/A) Activity (a)	Total Separate Account (S/A) Restricted Assets	S/A Assets Supporting G/A Activity (b)	Total (1 plus 3)	Total From Prior Year	Increase / (Decrease) (5 minus 6)	Total Current Year Admitted Restricted	Gross (Admitted and Nonadmitted) Restricted to Total Assets	Admitted Restricted to Total Admitted Assets
Real estate deposits	$ —	$ —	$ 26	$ —	$ 26	$ 48	$ (22)	$ 26	0.007 %	0.007 %
Total	$ —	$ —	$ 26	$ —	$ 26	$ 48	$ (22)	$ 26	0.007 %	0.007 %

NOTES TO FINANCIAL STATEMENTS

(4) Collateral Received and Assets Held under Modco/Funds Withheld (FWH) Reinsurance Agreements Reflected as Assets Within the Reporting Entity's Financial Statements (in millions)

		1	2	3	4	5	6	7	8
	Assets	Book/ Adjusted Carrying Value ("BACV") Collateral ***	BACV Modco ****	BACV FWH *****	Fair Value Collateral	Fair Value Modco	Fair Value FWH	% of BACV to Total Assets (Admitted and Nonadmitted)*	% of BACV to Total Admitted Assets **
	General Account:								
a	Cash, Cash Equivalents and Short-Term Investments	$ 612	$ —	$ —	$ 612	$ —	$ —	0.187 %	0.190 %
b	Schedule D, Part 1, Section 1	—	245	—	—	212	—	0.075 %	0.076 %
c	Schedule D, Part 1, Section 2		4	—	—	4	—	0.001 %	0.001 %
d	Schedule D, Part 2, Section 1		2	—	—	1	—	0.001 %	0.001 %
e	Schedule D, Part 2, Section 2	—	—	—	—	—	—	— %	— %
f	Schedule B	—	—	—	—	—	—	— %	— %
g	Schedule A	—	—	—	—	—	—	— %	— %
h	Schedule BA, Part 1	—	—	—	—	—	—	— %	— %
i	Schedule DL, Part 1	2,474	—	—	2,474	—	—	0.755 %	0.768 %
j	Other	—	—	—	—	—	—	— %	— %
k	**Total Assets (a+b+c+d+e+f+g+h+i+j)**	$ 3,086	$ 251	$ —	$ 3,086	$ 217	$ —	1.019 %	1.036 %
l	Percentage to Total FWH Assets (including Modco)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
	Separate Account:								
m	Cash, Cash Equivalents and Short-Term Investments	$ —	$ —	$ —	$ —	$ —	$ —	— %	— %
n	Schedule D, Part 1, Section 1	—	—	—	—	—	—	— %	— %
o	Schedule D, Part 1, Section 2	—	—	—	—	—	—	— %	— %
p	Schedule D, Part 2, Section 1	—	—	—	—	—	—	— %	— %
q	Schedule D, Part 2, Section 2	—	155	—	—	155	—	0.267 %	0.267 %
r	Schedule B	—	—	—	—	—	—	— %	— %
s	Schedule A	—	—	—	—	—	—	— %	— %
t	Schedule BA, Part 1	—	—	—	—	—	—	— %	— %
u	Schedule DL, Part 1	4	—	—	4	—	—	0.007 %	0.007 %
v	Other	—	—	—	—	—	—	— %	— %
w	**Total Assets (m+n+o+p+q+r+s+t+u+v)**	$ 4	$ 155	$ —	$ 4	$ 155	$ —	0.274 %	0.274 %
x	Percentage to Total FWH Assets (including Modco)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX

* k = Sum of Column 1, 2, and 3 divided by Asset Page, Line 26 (Column 1)

* w = Sum of Column 1, 2, and 3 divided by Asset Page, Line 27 (Column 1)

** k = Sum of Column 1, 2, and 3 divided by Asset Page, Line 26 (Column 3)

** w = Sum of Column 1, 2, and 3 divided by Asset Page, Line 27 (Column 3)

*** k (Collateral BACV) should equal Note 5L(1) Column 1, Line o.

*** w (Collateral BACV) should equal Note 5L(1) Column 2, Line o.

**** k (Modco BACV) should equal Note 5L(1) Column 1, Line p.

**** w (Modco BACV) should equal Note 5L(1) Column 2, Line p.

***** k (FWH BACV) should equal Note 5L(1) Column 1, Line q.

***** w (FWH BACV) should equal Note 5L(1) Column 2, Line q.

NOTES TO FINANCIAL STATEMENTS

	Assets	9 Book/ Adjusted Carrying Value (BACV)	10 Related Party Code	11	12	13	14	15
		FWH Including Modco	1	2	3	4	5	6
	General Account:							
a	Cash, Cash Equivalents and Short-Term Investments	$ —	$ —	$ —	$ —	$ —	$ —	$ —
b	Schedule D, Part 1, Section 1	245	—	—	—	—	—	245
c	Schedule D, Part 1, Section 2	4	—	—	—	—	—	4
d	Schedule D, Part 2, Section 1	2	—	—	—	—	—	2
e	Schedule D, Part 2, Section 2	—	—	—	—	—	—	—
f	Schedule B	—	—	—	—	—	—	—
g	Schedule A	—	—	—	—	—	—	—
h	Schedule BA, Part 1	—	—	—	—	—	—	—
i	Schedule DL, Part 1	—	—	—	—	—	—	—
j	Other	—	—	—	—	—	—	—
k	**Total Assets (a+b+c+d+e+f+g+h+i+j)**	**$ 251**	**$ —**	**$ —**	**$ —**	**$ —**	**$ —**	**$ 251**
l	Percentage to Total FWH Assets (including Modco)	100.00 %	— %	— %	— %	— %	— %	100.00 %
	Separate Account:							
m	Cash, Cash Equivalents and Short-Term Investments	$ —	$ —	$ —	$ —	$ —	$ —	$ —
n	Schedule D, Part 1, Section 1	—	—	—	—	—	—	—
o	Schedule D, Part 1, Section 2	—	—	—	—	—	—	—
p	Schedule D, Part 2, Section 1	—	—	—	—	—	—	—
q	Schedule D, Part 2, Section 2	155	—	—	—	—	—	155
r	Schedule B	—	—	—	—	—	—	—
s	Schedule A	—	—	—	—	—	—	—
t	Schedule BA, Part 1	—	—	—	—	—	—	—
u	Schedule DL, Part 1	—	—	—	—	—	—	—
v	Other	—	—	—	—	—	—	—
w	**Total Assets (m+n+o+p+q+r+s+t+u+v)**	**$ 155**	**$ —**	**$ —**	**$ —**	**$ —**	**$ —**	**$ 155**
x	Percentage to Total FWH Assets (including Modco)	100.00 %	— %	— %	— %	— %	— %	100.00 %

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

		1 Amount	2 % of Liability to Total Liabilities*
y	Recognized Obligation to Return Collateral Asset (General Account)	$ 3,086	1.096 %
z	Recognized Obligation to Return Collateral Asset (Separate Account)	$ 4	0.007 %
aa	Recognized Obligation for Modco assets (General Account)	$ 251	0.089 %
bb	Recognized Obligation for Modco assets (Separate Account)	$ 155	0.271 %
cc	Recognized Obligation FWH (excluding Modco) assets (General Account)	$ —	— %
dd	Recognized Obligation FWH (excluding Modco) assets (Separate Account)	$ —	— %

* For lines y, ac, and cc, Column 2 equals Column 1 divided by Liability Page, Line 26 (Column 1)

* For lines z, bb, and dd, Column 2 equals Column 1 divided by Liability Page, Line 27 (Column 1)

NOTES TO FINANCIAL STATEMENTS

(5) Assets held as collateral or under modified coinsurance (Modco) or funds withheld reinsurance (FWH) agreements that have been pledged for another purpose specific to the insurance reporting entity (not for the benefit of the reinsurer).

Not applicable

M. Working Capital Financial Investments

Not applicable

N. Offsetting and Netting of Assets and Liabilities

Not applicable

O. 5GI Securities

	Number of 5GI Securities		Aggregate BACV		Aggregate Fair Value	
Investment	Current Year	Prior Year	Current Year	Prior Year	Current Year	Prior Year
(1) ICO - AC	1	21	$ 9,854,046	$ 464,697,093	$ 9,743,188	$ 473,468,719
(2) ABS - AC	1	4	99,163	30,530,348	26,001	29,833,090
(3) Preferred stock - AC	2	—	—	—	—	—
(4) Preferred stock - FV	10	9	89,313,053	202,445,457	89,313,053	202,445,457
(5) Total (1+2+3+4)	14	34	$ 99,266,262	$ 697,672,898	$ 99,082,242	$ 705,747,266

AC - Amortized Cost FV - Fair Value

P. Short Sales

Not applicable

Q. Prepayment Penalty and Acceleration Fees

	General Account	Separate Account
(1) Number of CUSIPs	68	—
(2) Aggregate Amount of Investment Income	$ 8,170,355	$ —

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

Not applicable

S. Aggregate Collateral Loans by Qualifying Investment Collateral

Not applicable

6. Joint Ventures, Partnerships and Limited Liability Companies

A. The Company has no investments in joint ventures, partnerships or limited liability companies that exceed 10% of its admitted assets.

B. As of December 31, 2025, the Company recognized $2,302,229,114 of OTTI on its investments in joint ventures, partnerships and limited liability companies. Of the $2,302,229,114 of OTTI, $2,090,113,900 was taken on investments in subsidiary, controlled and affiliated companies and is included within the total OTTI for investments in subsidiary, controlled and affiliated companies of $2,194,229,506 in Note 10J. These investments are stated at cost adjusted for the Company’s percentage of the changes in the underlying audited GAAP equity of the investee. For certain investments where audited GAAP basis financial statements are not available, the Company uses audited International Financial Reporting Standards. An impairment is considered to have occurred if an event or change in circumstance indicates that the cost basis of the asset may not be recoverable or if there is limited ability to recover an unrealized loss. When an OTTI has been determined to have occurred, a realized loss is recorded to write the investment down to fair value.

7. Investment Income

A. Due and accrued income was excluded from surplus on the following basis:

Bonds – income due and accrued that is over 90 days past due.

Preferred stocks – dividends due and accrued that are over 90 days past due.

Common stocks – dividends due and accrued that are over 90 days past due and dividend amounts on affiliated common stocks related to real estate with rent over 90 days past due.

Mortgage loans – income due and accrued on mortgages in default with interest 180 days past due which has been assessed as collectible.

Real estate – income due and accrued related to rent that is in arrears for more than 90 days.

B. The total amount excluded was $0.

C. The gross, nonadmitted and admitted amounts for interest income due and accrued.

Interest Income Due and Accrued		Amount
1. Gross	$	2,288,277,341
2. Nonadmitted	$	—
3. Admitted	$	2,288,277,341

D. The aggregate deferred interest.

	Amount
Aggregate Deferred Interest	$ —

E. The cumulative amounts of paid-in-kind ("PIK") interest included in the current principal balance.

	Amount
Cumulative amounts of PIK interest included in the current principal balance	$ 1,520,074,286

8. Derivative Instruments

A. Derivatives under *SSAP No. 86-Derivatives*

1. The basic types of risks associated with derivatives are market risk (the value of the derivative will be adversely impacted by changes in the market, primarily the change in interest rates, credit spreads, and foreign currency exchange rates) and credit risk (the counterparty will not perform according to the terms of the contract). The market risk of derivatives should generally offset the market risk associated with the hedged asset or liability. The Company is exposed to credit-related losses in the event of non-performance by counterparties to the financial instruments, but it does not expect any counterparties to fail to meet their obligations given their high credit ratings. Derivatives may be exchange-traded or contracted in the OTC market. Certain of the Company's OTC derivatives are cleared and settled through central clearing counterparties ("OTC-cleared"), while others are bilateral contracts between two counterparties ("OTC-bilateral"). The counterparty credit exposure of derivatives is limited to the value of those contracts in a net gain position. The Company mitigates credit risk by entering into master agreements with its counterparties whereby contracts in a gain position can be offset against contracts in a loss position. Additionally, the Company typically enters into bilateral cross-collateralization agreements with its counterparties. These agreements require the counterparty in a loss position to submit acceptable collateral to the other counterparty in the event the net loss position meets or exceeds an agreed upon amount. Due to the level of material swap exposure, the Company also entered Uncleared Margin Rules ("UMR") agreements with certain non-clearinghouse counterparties to adhere to Initial Margin ("IM") obligations for uncleared swap transactions. See Schedule DB Part D for details of the Company's pledged collateral and counterparty exposure.

2. The Company uses a variety of derivatives to hedge risks that include interest rate risk, foreign currency risk, credit risk and commodity risk. Derivatives are also used to replicate the investment performance of otherwise permissible investments. Derivative instruments historically used by the Company include interest rate swaps, foreign currency swaps, foreign currency forwards, credit default swaps, asset swaps, total return swaps, bond forwards, swaptions and commodity forwards.

Interest Rate Swaps

The Company enters into interest rate swap contracts to economically hedge against the effect of interest rate fluctuations on certain variable interest rate bonds and other commitments. The Company also uses interest rate swap contracts in certain replication synthetic asset transactions ("RSAT"). RSATs are derivative transactions (the derivative component) established concurrently with other investments (the cash component) in order to "replicate" the investment characteristics of another permissible instrument (the reference entity). The Company does not apply hedge accounting for these derivatives instruments.

Foreign Currency Swap Contracts

The Company enters into foreign currency swap contracts and forward foreign currency swap contracts to exchange fixed and variable amounts of foreign currency at specified future dates and at

specified rates (in U.S. dollars) as a cash flow hedge to manage currency risks on investments denominated in foreign currencies. The Company applies hedge accounting to certain of these derivatives instruments and fair value accounting to the majority of these derivatives instruments.

Foreign Currency Forward Contracts

The Company enters into foreign currency forward contracts to exchange foreign currency at specified future dates and at specified rates (in U.S. dollars) to manage currency risks on investments denominated in foreign currencies. The Company does not apply hedge accounting for these derivatives instruments.

Purchased Credit Default Swap Contracts

The Company purchases credit default swaps to hedge against unexpected credit events on selective investments held in the Company's investment portfolio. The Company pays a periodic fee in exchange for the right to put the underlying investment back to the counterparty at par upon a credit event by the underlying referenced issuer. Credit events are typically defined as bankruptcy, failure to pay, or certain types of restructuring. The Company does not apply hedge accounting for these derivatives instruments.

Written Credit Default Swaps used in Replication Transactions

Credit default swaps are used by the Company in conjunction with long-term bonds as RSAT. The Company sells credit default swaps on single name corporate or sovereign credits, credit indices, or credit index tranches and provides credit default protection to the buyer. Events or circumstances that would require the Company to perform under a written credit default swap may include, but are not limited to, bankruptcy, failure to pay, debt moratorium, debt repudiation, debt restructuring, or default. The Company does not apply hedge accounting for these derivatives instruments.

Asset Swaps

The Company enters into asset swap contracts to hedge against inflation risk associated with its U.S. Treasury Inflation Protected Securities ("TIPS"). The Company also uses asset swap contracts in certain RSATs. For hedges of its TIPS, the Company pays all cash flows received from the TIPS security to the counterparty in exchange for fixed interest rate coupon payments. The Company applies hedge accounting for asset swaps used in hedging transactions, and does not apply hedge accounting for asset swaps used in RSATs.

Total Return Swaps

The Company entered into total return swap contracts in conjunction with long-term bonds as part of its RSAT strategy. The Company does not apply hedge accounting for these derivatives instruments.

Bond Forward Contracts

The Company enters into forward bond contracts to purchase an identified bond at a specified price on a future date to economically hedge against the effect of interest rate fluctuations. The Company applies hedge accounting for these derivative instruments. The Company also uses bond forward contracts as part of its RSAT strategy. The Company does not apply hedge accounting for these derivatives instruments.

Swaption Contracts

The Company enters into swaption contracts as part of its RSAT strategy. The purchased swaption provides the Company with the option, but not the obligation, to enter into the interest rate swap agreement at predetermined terms. The written swaption grants the counterparty the right, but not the obligation, to enter into the interest rate swap at the predetermined terms. The swaption contracts help manage duration risk and provide flexibility in the Company's asset-liability management program. The Company does not apply hedge accounting for these derivative instruments.

3. See Footnote 1.C.9 for further discussion of the Company's derivatives accounting policies.

4. The Company does not enter into derivative contracts with financing premiums.

5. The Company had no amounts excluded from the assessment of hedge effectiveness during the current year.

6. The Company had no unrealized gains or losses during the current year resulting from derivatives that no longer qualify for hedge accounting.

NOTES TO FINANCIAL STATEMENTS

7. The premiums or the discounts of derivative trades are reported on the cash flow statement as miscellaneous applications within cost of investments acquired. Upon the termination, the proceeds or the payments are recorded on the cash flow statement as miscellaneous proceeds from investments sold, matured or repaid, and the gains or losses on these contracts are recognized as realized capital gains (losses) and are subject to IMR or AVR treatment.

8. The Company does not have any derivatives accounted for as cash flow hedges of forecasted transactions.

9. Not applicable

10. Not applicable

B. Derivatives under *SSAP No. 108 - Derivative Hedging Variable Annuity Guarantees*

Not applicable

9. Federal Income Tax

A. The components of the Net Deferred Tax Assets (“DTA”) and Deferred Tax Liabilities (“DTL”) at December 31 are as follows (in thousands):

1.

		2025			2024			Change		
		(1) Ordinary	(2) Capital	(3) (Col 1+2) Total	(4) Ordinary	(5) Capital	(6) (Col 4+5) Total	(7) (Col 1–4) Ordinary	(8) (Col 2–5) Capital	(9) (Col 7+8) Total
a)	Gross Deferred Tax Assets	$5,798,247	$3,420,697	$9,218,944	$ 5,572,381	$2,994,934	$ 8,567,315	$ 225,866	$ 425,763	$ 651,629
b)	Statutory Valuation Allowance Adjustments	—	—	—	—	—	—	—	—	—
c)	Adjusted Gross Deferred Tax Assets (1a – 1b)	$5,798,247	$3,420,697	$9,218,944	$ 5,572,381	$2,994,934	$ 8,567,315	$ 225,866	$ 425,763	$ 651,629
d)	Deferred Tax Assets Nonadmitted	1,052,871	2,239,657	3,292,528	1,196,409	2,053,882	3,250,291	(143,538)	185,775	42,237
e)	Subtotal Net Admitted Deferred Tax Asset (1c-1d)	$4,745,376	$1,181,040	$5,926,416	$ 4,375,972	$ 941,052	$ 5,317,024	$ 369,404	$ 239,988	$ 609,392
f)	Deferred Tax Liabilities	3,062,402	1,081,246	4,143,648	2,621,737	897,184	3,518,921	440,665	184,062	624,727
g)	Net Admitted Deferred Tax Assets/(Net Deferred Tax Liability) (1e – 1f)	$1,682,974	$ 99,794	$1,782,768	$ 1,754,235	$ 43,868	$ 1,798,103	$ (71,261)	$ 55,926	$ (15,335)

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2.

	2025			2024			Change		
	(1) Ordinary	(2) Capital	(3) (Col 1+2) Total	(4) Ordinary	(5) Capital	(6) (Col 4+5) Total	(7) (Col 1–4) Ordinary	(8) (Col 2–5) Capital	(9) (Col 7+8) Total
Admission Calculation Components SSAP No. 101									
a) Federal Income Taxes Paid in Prior Years Recoverable Through Loss Carrybacks	$ —	$ —	$ —	$ —	$ —	$ —	$ —	$ —	$ —
b) Adjusted Gross DTA Expected To Be Realized (Excluding The Amount of DTA From 2(a) above) After Application of the Threshold Limitation.(The Lesser of 2(b)1 and 2(b) 2 below)	1,682,974	99,794	1,782,768	1,754,235	43,868	1,798,103	(71,261)	55,926	(15,335)
1. Adjusted Gross DTA Expected to be Realized Following the Balance Sheet Date	1,682,974	99,794	1,782,768	1,754,235	43,868	1,798,103	(71,261)	55,926	(15,335)
2. Adjusted Gross DTA Allowed per Limitation Threshold	—	—	5,979,144	—	—	6,006,476	—	—	(27,332)
c) Adjusted Gross DTA (Excluding The Amount of DTA From 2(a) and 2(b) above) Offset by Gross DTL	3,062,402	1,081,246	4,143,648	2,621,737	897,184	3,518,921	440,665	184,062	624,727
d) DTA Admitted as the result of application of SSAP No. 101. Total (2(a)+2(b)+2(c))	$4,745,376	$1,181,040	$5,926,416	$ 4,375,972	$ 941,052	$ 5,317,024	$ 369,404	$ 239,988	$ 609,392

(3)

	2025	2024
(a) Ratio Percentage Used to Determine Recovery Period and Threshold limitation Amount	964%	935%
(b) Amount Of Adjusted Capital And Surplus Used To Determine Recovery Period And Threshold Limitation In 2(b)2 Above	$ 39,860,957	$ 40,043,176

(4) Impact of Tax Planning Strategies:

	2025		2024		Change	
	(1) Ordinary	(2) Capital	(3) Ordinary	(4) Capital	(5) (Col 1–3) Ordinary	(6) (Col 2-4) Capital
a) Determination of adjusted gross deferred tax assets and net admitted deferred tax assets, by tax character as a percentage.						
1. Adjusted Gross DTAs Amount From Note 9A1 (c)	$ 5,798,247	$ 3,420,697	$ 5,572,381	$ 2,994,934	$ 225,866	$ 425,763
2. Percentage of Adjusted Gross DTAs by Tax Character Attributable To The Impact Of Tax Planning Strategies	— %	— %	— %	— %	— %	— %
3. Net Admitted Adjusted Gross DTAs Amount From Note 9A1 (e)	$ 4,745,376	$ 1,181,040	$ 4,375,972	$ 941,052	$ 369,404	$ 239,988
4. Percentage of Net Admitted Adjusted Gross DTAs by Tax Character Admitted Because Of The Impact Of Tax Planning Strategies	7.73 %	— %	12.48 %	— %	(4.75)%	— %

b) Do the Company's tax-planning strategies include the use of reinsurance? Yes ( ) No (X)

NOTES TO FINANCIAL STATEMENTS

B. Regarding deferred tax liabilities that are not recognized: None

C. Current income taxes incurred consist of the following major components (in thousands):

	12/31/2025	12/31/2024	Change
1. Current Income Tax:			
a) Federal tax expense/(benefit)	$ (304,003)	$ (534,772)	$ 230,769
b) Foreign taxes	484	836	(352)
c) Subtotal (1a+1b)	$ (303,519)	$ (533,936)	$ 230,417
d) Federal income taxes expense/(benefit) on net capital gains	176,156	135,213	40,943
e) Generation/(Utilization) of loss carry-forwards	127,847	412,770	(284,923)
f) Other	2,560	(125,684)	128,244
g) Federal and foreign income taxes expense / (benefit) (1c+1d+1e+1f)	$ 3,044	$ (111,637)	$ 114,681
2. Deferred Tax Assets:			
(a) Ordinary:			
1) Discounting of unpaid losses	$ —	$ —	$ —
2) Unearned premium reserve	—	—	—
3) Policyholder reserves	23,239	22,695	544
4) Investments	417,333	387,393	29,940
5) Deferred acquisition costs	47,711	50,379	(2,668)
6) Policyholder dividends accrual	485,574	484,735	839
7) Fixed assets	257,884	247,581	10,303
8) Compensation and benefits accrual	514,022	481,799	32,223
9) Pension accrual	—	—	—
10) Receivables – nonadmitted	48,680	50,188	(1,508)
11) Net operating loss carry-forward	1,443,085	1,264,002	179,083
12) Tax credit carry-forward	219,560	264,578	(45,018)
13) Other	539,302	367,562	171,740
14) Intangible Assets – Business in Force and Software	1,801,857	1,951,469	(149,612)
Subtotal (sum of 2a1 through 2a13)	$ 5,798,247	$ 5,572,381	$ 225,866
(b) Statutory valuation allowance adjustment	—	—	—
(c) Nonadmitted	1,052,871	1,196,409	(143,538)
(d) Admitted ordinary deferred tax assets (2a-2b-2c)	$ 4,745,376	$ 4,375,972	$ 369,404
(e) Capital:			
1) Investments	$ 3,411,350	$ 2,971,258	$ 440,092
2) Net capital loss carry-forward	—	—	—
3) Real estate	9,347	23,676	(14,329)
4) Other	—	—	—
Subtotal (2e1+2e2+2e3+2e4)	$ 3,420,697	$ 2,994,934	$ 425,763
(f) Statutory valuation allowance adjustment	—	—	—
(g) Nonadmitted	2,239,657	2,053,882	185,775
(h) Admitted capital deferred tax assets(2e-2f-2g)	1,181,040	941,052	239,988
(i) Admitted deferred tax assets(2d+2h)	$ 5,926,416	$ 5,317,024	$ 609,392
3. Deferred Tax Liabilities:			
(a) Ordinary:			
1) Investments	$ 3,055,778	$ 2,564,307	$ 491,471
2) Fixed assets	—	—	—
3) Deferred and uncollected premium	—	—	—
4) Policyholder reserves	900	52,419	(51,519)
5) Other	5,724	5,011	713
Subtotal (3a1+3a2+3a3+3a4+3a5)	$ 3,062,402	$ 2,621,737	$ 440,665
(b) Capital:			
1) Investments	$ 1,081,246	$ 897,184	$ 184,062
2) Real estate	---	—	—
3) Other	---	—	—
Subtotal (3b1+3b2+3b3)	$ 1,081,246	$ 897,184	$ 184,062
(c) Deferred tax liabilities (3a+3b)	$ 4,143,648	$ 3,518,921	$ 624,727
4. Net Deferred Tax:			
Assets/Liabilities (2i–3c)	$ 1,782,768	$ 1,798,103	$ (15,335)

NOTES TO FINANCIAL STATEMENTS

D. The provision for federal and foreign income taxes incurred is different from that which would be obtained by applying the statutory federal income tax rate to income before income taxes. The significant items causing this difference at December 31, 2025 are as follows (in thousands):

Description	Amount	Effective Tax Rate
Provision computed at statutory rate	$ (74,138)	21.00 %
Dividends received deduction	(114,719)	32.49 %
Transfer Pricing Adjustment	22,247	(6.30)%
Amortization of interest maintenance reserve	(31,807)	9.01 %
Statutory impairment of affiliated common stock	21,864	(6.19)%
Other permanent differences	1,802	(0.51)%
Prior year true-ups (TIAA & Subs)	(79,783)	22.60 %
Prior year true-ups (TIAA & Subs) - Tax Credits	(1,129)	0.32 %
Current Year Tax Credit Activity	46,625	(13.21)%
Current Year Nonadmitted Assets	(19,805)	5.61 %
Other	(4,858)	1.38 %
Total	$ (233,701)	66.20 %

Description	Amount	Effective Tax Rate
Federal and foreign income tax incurred (benefit)	$ 3,044	(0.86)%
Change in net deferred income tax charge (benefit)	(236,745)	67.06 %
Total statutory income taxes	$ (233,701)	66.20 %

E.

1. As of December 31, 2025, the Company had the following net operating loss carry forwards (in thousands):

Year Incurred	Operating Loss	Year of Expiration
2017	$ 149,553	2032
2022	1,735,991	Indefinite
2023	2,569,046	Indefinite
2024	1,849,069	Indefinite
2025	568,172	Indefinite
Total	$ 6,871,831	

As of December 31, 2025, the Company had no net capital loss carry forwards.

As of December 31, 2025 the Company had foreign tax credit carry forwards as follows (in thousands):

Year Incurred	Foreign Tax Credit	Year of Expiration
2018	$ 2,547	2028
2019	3,336	2029
2020	894	2030
2021	2,348	2031
2022	41,984	2032
2023	36,829	2033
Total	$ 87,938	

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As of December 31, 2025, the Company has General Business Credit carry forwards as follows (in thousands):

Year Incurred	General Business Credit	Year of Expiration
2006	5,118	2026
2007	7,153	2027
2008	8,462	2028
2009	3,858	2029
2010	94	2030
2011	297	2031
2012	19	2032
2013	94	2033
2014	8,474	2034
2015	13,189	2035
2016	20,475	2036
2017	11,038	2037
2018	8,984	2038
2019	14,370	2039
2020	8,515	2040
2021	6,711	2041
2022	11,544	2042
2023	2,204	2043
2024	1,024	2044
Total	$ 131,623	

2. Taxes available for recoupment in the event of future losses: None

3. The aggregate amount of deposits reported as admitted assets under Section 6603: None

F. The Company's federal income tax return is consolidated with the following entities:

1) 730 Texas Forest Holdings, Inc.
2) Brooklyn Artificial Intelligence, Inc
3) MyVest Corporation
4) NIS/R&T, Inc.*
5) Nuveen Holdings, Inc.*
6) Nuveen Holdings 1, Inc.*
7) Nuveen Investments, Inc.*
8) Nuveen Investments Holdings, Inc.*
9) Nuveen Securities, LLC*
10) T-C SP, Inc.
11) TIAA Board of Governors
12) TIAA-CREF Tuition Financing, Inc.
13) TIAA Trust, N.A.

All consolidating companies, excluding those denoted with an asterisk (*) above, participate in a tax sharing agreement under the following criteria. Under the agreement, current federal income tax expense (benefit) is computed on a separate return basis and provides that members shall make payments or receive reimbursements to the extent that their income (loss) contributes to or reduces consolidated federal tax expense. The consolidating companies included in this agreement are reimbursed for net operating losses or other tax attributes they have generated when utilized in the consolidated return.

The companies denoted with an asterisk above (collectively, "Nuveen subgroup"), are subject to a separate tax sharing agreement, under which current federal income tax expense (benefit) is computed on a separate subgroup return basis. Under the Agreement, Nuveen Holdings 1, Inc. ("Nuveen") makes payments to TIAA for amounts equal to the federal income payments that the Nuveen subgroup would be obliged to pay the federal government if the Nuveen subgroup had actually filed a separate consolidated tax return. Nuveen is reimbursed for the subgroup losses to the extent that the subgroup tax return reflects a tax benefit that the Nuveen subgroup could have carried back to a prior consolidated return year.

G. The Company does not have any federal or foreign income tax loss contingencies as of December 31, 2025.

H. As of December 31, 2025 and 2024, the Company had no repatriation tax liability.

I. As of December 31, 2025 and 2024, the Company had no outstanding Alternative Minimum Tax Credit.

Corporate Alternative Minimum Taxes

The Inflation Reduction Act (“Act”) was enacted on August 16, 2022. The Act included a new corporate alternative minimum tax (“CAMT”) which is a 15 percent tax on an applicable corporation’s adjusted financial statement income for the tax year, reduced by corporate alternative minimum foreign tax credits. The tax is effective for tax years 2024 and 2025 for applicable corporations.

Pursuant to guidance released by the Statutory Accounting Principles Working Group (“SAPWG”) within INT 23-03, the Company has determined as of the reporting date that it will not be an applicable entity and will not be liable for CAMT for the years ended December 31, 2025, and 2024.

The One Big Beautiful Bill Act

The One Big Beautiful Bill Act (the “Act”) was signed into law by the President on July 4, 2025. The Act changes existing United States tax law and includes numerous provisions that will affect a wide range of businesses and industries. The Act also includes reform of the existing US international tax system. Management has evaluated the impact of the Act and has concluded it to have no material impact to the financial statements.

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

A-C. The Company does not have any material related party transactions or transactions with its subsidiaries that exceeded one half of 1% of the Company's total admitted assets. (See Schedule Y, Part 2). The Company did not have any transactions with related parties that are not reported on Schedule Y.

D. As of December 31, 2025, and December 31, 2024, the net amount due to/(from) subsidiaries and affiliates was $366,509,628 and $527,554,518, respectively. The net amounts due are generally settled on a daily basis with the exception of several investment and operating affiliates and subsidiaries which settle on a monthly or quarterly basis. The Company has a subsidiary deposit program which allows certain subsidiaries the ability to deposit excess cash with the Company and earn daily interest. The deposits from this program are included in the net amount due to SCA entities and were $800,879,319 and $645,858,061 as of December 31, 2025, and December 31, 2024, respectively.

E. Under Cash Disbursement and Reimbursement Agreements, the Company serves as the common pay-agent for certain subsidiaries and affiliates. Under management agreements, the Company provides administrative services to TIAA Separate Account VA-1 ("VA-1"). Additionally, under a General Service and Facilities Agreement with Nuveen, LLC, the Company provides and receives general services at cost inclusive of charges for overhead.

As the common pay-agent, the Company allocated expenses of $2,765 million and $2,693 million to its various subsidiaries and affiliates for the periods ended December 31, 2025 and December 31, 2024, respectively. The expense allocation process determines the portion of the operating expenses that is attributable to each legal entity based on defined allocation methodologies. These methodologies represent either shared or direct costs depending on the nature of the service provided. At the completion of the allocation process all expenses are assigned to a legal entity.

Activities necessary for the operation of the College Retirement Equities Fund (“CREF”), a companion organization of the Company, are provided at-cost by the Company and two of its subsidiaries, TIAA-CREF Investment Management, LLC (“TCIM”) and TIAA-CREF Individual and Institutional Services, LLC (“TC Services”). Such services are provided in accordance with an Administrative Service Agreement between CREF and the Company, an Investment Management Agreement between CREF and TCIM, and a Principal Underwriting and Distribution Services Agreement between CREF and TC Services (collectively the "CREF Agreements"). The Company is the common pay-agent for CREF and TC Services. The Company collects the distribution expense reimbursements from CREF and then remits those payments to TC Services. The administration and investment expenses incurred by the Company are included in operating expenses and offset against the related expense reimbursements received from CREF and Nuveen Services, respectively. The expense reimbursements under the CREF Agreements and the equivalent expenses, amounted to approximately $488 million and $578 million for the years ended December 31, 2025 and 2024, respectively.

TC Services maintains a Distribution Agreement with the Company under which TC Services is the principal underwriter and distributor for variable annuity contracts issued by the Company. Such activities performed by TC Services are reimbursed at cost. The Company paid $14 million and $13 million for the years ended December 31, 2025 and 2024, respectively, for these services. TC Services also maintains a Distribution Agreement with the Company under which TC Services is the distributor for proprietary and non-proprietary mutual funds, whereby the Company does not provide cost reimbursements to TC Services.

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Teachers Advisors, LLC ("Advisors") provides investment advisory services for VA-1, certain proprietary funds and other separately managed portfolios in accordance with investment management agreements. Nuveen Securities, LLC ("Securities"), an indirect subsidiary of Nuveen, LLC, distributes registered securities for certain proprietary funds and non-proprietary mutual funds.

The Company has Investment Management Agreements with Advisors, Nuveen Alternatives Advisors, LLC, and Churchill Asset Management, wholly owned subsidiaries of Nuveen, LLC, to manage, at a negotiated fee, investments held within the Company's General Account including investments owned by investment subsidiaries of the Company. The Company paid $151 million and $153 million to Advisors, and $277 million and $289 million to Nuveen Alternatives Advisors, LLC, for the years ended December 31, 2025 and 2024, respectively. The Company paid $115 million and $126 million to Churchill Asset Management for the years ended December 31, 2025, and 2024, respectively.

The Company has an Omnibus Service Agreement with its wholly-owned subsidiary Nuveen, LLC, pursuant to which Nuveen, LLC directly or through its subsidiaries agreed to provide services complementary to investment management to the Company at cost, inclusive of charges for overhead. The Company paid $7 million to Nuveen, LLC for each of the years ended December 31, 2025 and 2024.

The Company has a sublease agreement for certain leases and leasehold improvements with Nuveen Services, LLC. The Company makes the applicable lease payments on behalf of Nuveen Services, LLC and then allocates those costs. Under the sublease agreement, the Company allocated $12 million and $14 million to Nuveen Services, LLC for each of the years ended December 31, 2025 and 2024.

All services necessary for the operation of the TIAA Real Estate Account ("REA") are provided at-cost by the Company and TC Services. The Company provides investment management and administrative services for the REA in accordance with an Investment Management and Administrative Agreement. Distribution services for the REA are provided in accordance with a Distribution Agreement among TC Services, the Company and the REA (collectively the "Agreements"). The Company and TC Services receive payments from the REA on a daily basis according to formulae established annually and adjusted periodically for performance of these Agreements. The daily fee is based on an estimate of the at-cost expenses necessary to operate the REA and is based on projected REA expense and asset levels, with the objective of keeping the fees as close as possible to actual expenses attributable to operating the REA. At the end of each quarter, any differences between the daily fees paid and actual expenses for the quarter are added to or deducted from REA's fee in equal daily installments over the remaining days in the immediately following quarter. Reimbursements collected under the Agreements amounted to approximately $135 million and $161 million for each of the years ended December 31, 2025 and 2024.

The Company provides certain separate account guarantees, including a liquidity guarantee to REA, and is compensated for these guarantees. See Note 35 Separate Accounts for additional information on these separate account guarantees.

The Company has a Cash Disbursement and Reimbursement Agreement with Nuveen Investments, an indirect subsidiary of Nuveen, LLC, whereby the Company provides cash disbursements and related services at cost. The Company allocated $138 million and $101 million to Nuveen Investments for the years ended December 31, 2025 and 2024, respectively.

The Company has a Cash Disbursement and Reimbursement Agreement with TIAA Kaspick, LLC ("Kaspick"), an indirect subsidiary of TIAA, whereby the Company provides cash disbursements and related services at cost. The Company allocated $39 million and $42 million to Kaspick for the years ended December 31, 2025 and 2024, respectively.

The Company has a Cash Disbursement and Reimbursement Agreement with TIAA-CREF Tuition Financing, Inc. ("TFI"), a subsidiary of the Company, whereby the Company provides cash disbursements and related services at cost. The Company allocated $108 million and $100 million to TFI for the years ended December 31, 2025 and 2024, respectively.

Services for certain funding agreements for qualified state tuition programs for which TFI is the program manager, are provided to the Company by TFI pursuant to a service agreement between the Company and TFI. The Company paid $29 million and $27 million to TFI for the years ended December 31, 2025 and 2024, respectively.

The Company has a Service Agreement with TIAA Global Business Services (India) Private Limited ("TIAA India"), an indirect wholly-owned subsidiary of the Company, whereby TIAA India provides information technology and non-technology services for the Company and its affiliates. The Company paid $150 million and $170 million to TIAA India for the years ended December 31, 2025 and 2024, respectively.

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The Company has a Technology Support and Services Agreement with MyVest Corporation ("MyVest"), a wholly- owned subsidiary of the Company, whereby MyVest provides certain wealth management software and services solutions to the Company. The Company paid $31 million to MyVest for the year ended December 31, 2024. The Company agrees to provide MyVest administrative services for use in its day to day operations. The Company allocated administrative service expenses of $7 million and $2 million for each of the years ended December 31, 2025 and 2024, respectively. Effective April 30, 2025, MyVest entered into a Transition Services Agreement assigning all MyVest contracts, including the Technology Support and Services Agreement, to a third party. In pursuant to the agreement, the third party is entitled to all wealth management platform services revenue, excluding platform development, for the year ended December 31, 2025. For the period from January 1, 2025 through April 30, 2025 the Company paid MyVest $10M which was subsequently paid to the third party. For the period from May 1, 2025 through December 31, 2025, the Company made payments directly to the third party. For the year ended December 31, 2025, the Company paid $5 million to MyVest related to platform development.

The Company has a general services agreement with TIAA Trust N.A. ("the Trust"), whereby the Trust provides custody and trustee services to the Company. The Company paid $7 million to the Trust during the years ended December 31, 2025 and 2024.

The Company has a service and subcontracting agreement with TIAA Shared Services, LLC (“TSS”), a wholly-owned subsidiary of the Company. Under the agreement, TSS serves as an internal administrative service provider for the Company as well as for CREF and the Company’s affiliates with existing administrative services agreements with the Company. The Company pays to TSS compensation it receives (and TSS reimburses the Company for disbursements it makes) relating to the provision of administrative services for the Company. The Company also reimburses TSS at cost for administrative services provided in support of the Company’s insurance business and the fulfillment of its contractual obligation to provide such services to CREF and the Company’s affiliates. The Company also provides to TSS any services necessary to conduct its operations, and TSS reimburses the Company at cost for these services. TSS reimbursed the Company $707 million and $666 million for the years ended December 31, 2025 and 2024, respectively.

F. Except as disclosed in Note 14 - Liabilities, contingencies and assessments, there are no guarantees or undertakings, written or otherwise, for the benefit of an affiliate or related party that resulted in a material contingent exposure of the reporting entity’s or any related party’s assets or liabilities.

The Company has unconditionally guaranteed $1,000 million in outstanding senior unsecured notes issued by Nuveen, LLC. The Company has agreed to cause any such payment to be made punctually when and as the same becomes due and payable, whether at maturity, upon acceleration, redemption, repayment or otherwise, and as if such payment were made by Nuveen LLC.

Additionally, the Company has the following agreements and lines of credit with subsidiaries, affiliates, and other related parties:

The Company also provides a $1,000 million uncommitted line of credit to certain accounts of CREF, a companion organization of TIAA. Loans under this revolving credit facility are for a maximum of 60 days and are made solely at the discretion of the Company to fund shareholder redemption requests or other temporary or emergency needs of CREF. As of December 31, 2025, there were no balances outstanding. It is the intent of the Company and CREF to use this facility as a supplemental liquidity facility, which would only be used after CREF has exhausted the availability of the current $500 million committed credit facility maintained with a group of banks.

The Company guarantees that CREF transfers to the Company for the immediate purchase of lifetime payout annuities will produce guaranteed payments that will never be less than the amounts calculated at the stipulated interest rate and mortality defined in the applicable CREF contract.

The Company also provides a $100 million unsecured 364-day revolving line of credit arrangement with TIAA Trust, NA. $100 million of this facility is maintained on a committed basis with an expiration date of June 29, 2026. As of December 31, 2025, there were no balances outstanding.

The Company also provides a $5 million unsecured 364-day revolving line of credit arrangement with MyVest, Inc. This line has an expiration date of December 30, 2026. As of December 31, 2025, $5 million was outstanding.

The Company also provides a $250 million committed 364-day revolving line of credit arrangement with Nuveen, LLC. This line has an expiration date of December 17, 2026. As of December 31, 2025, there were no balances outstanding.

NOTES TO FINANCIAL STATEMENTS

The Company also provides a $200 million unsecured revolving line of credit arrangement with T-C S-T REIT LLC. This line of credit has an open ended expiration date and is effective until terminated. As of December 31, 2025, there were no balances outstanding.

G. All of the outstanding common stock of the Company is collectively held by TIAA Board of Governors, a non-profit corporation created to hold the stock of the Company.

H. The Company does not own shares of common stock of its parent, TIAA Board of Governors.

I. No investment in a subsidiary or affiliate exceeds 10% of the Company's admitted assets.

J. As of December 31, 2025, the Company recognized $2,194,229,506 in OTTI for investments in subsidiary, controlled, and affiliated companies.

K. Not applicable.

L. The Company holds investments in downstream non-insurance holding companies, which are valued by the Company utilizing the look-through approach. The financial statements for the downstream non-insurance holding companies listed in the table below are not audited and the Company has limited the value of its investment in these non-insurance holding companies to the value contained in the financial statements of the underlying investments, which will be audited. All liabilities, commitments, contingencies, guarantees or obligations of these subsidiaries, which are required to be recorded as liabilities, commitments, contingencies, guarantees or obligations under applicable accounting guidance, are reflected in the Company's determination of the carrying value of the investment in these subsidiaries, if not already recorded in the subsidiaries' financial statements.

The following table summarizes the Company's carrying value in each unaudited downstream non-insurance holding company as of December 31:

	2025
Subsidiary	Carrying Value
TIAA Global Ag Holdco LLC	$ 1,105,623,529
T-C Europe LP	1,094,038,648
Demeter Agricultural Properties, LLC	511,943,663
ND Properties LLC	413,371,014
TGA APAC Fund Holdings LLC	406,336,028
Occator Agricultural Properties, LLC	389,421,882
TIAA Super Regional Mall Member Sub LLC	358,443,819
TGA European RE Holdings I LLC	346,709,788
NGFF Holdco, LLC	290,813,052
NGTF Holdco LLC	274,819,823
TIAA Infrastructure Investments, LLC	263,319,858
T-C Lux Fund Holdings LLC	248,604,787
730 Digital Infra LLC	246,533,374
TGA European RE Holdings III LLC	223,898,977
TGA MKP Member LLC	191,589,124
TGA Sparrow Investor LLC	185,736,570
T-C Waterford Blue Lagoon LLC	168,169,675
T-C MV Member LLC	163,436,608
TEFF Holdco LLC	145,660,547
T-C UK RE Holdings III LLC	145,280,020
TIAA NBS LLC	141,680,996
730 Data Centers, LLC	141,434,069
TGA JL MCF II Investor Member LLC	121,537,014
T-C MV Member II LLC	117,857,980
TIAA GCREIT Holdings LLC	114,232,028
T-C SV Member LLC	113,561,671
TGA Sparrow II Investor LLC	110,091,534
TIAA GTR Holdco LLC	95,901,315
TGA SS Self Storage Portfolio Inv Mbr LLC	86,317,821
TGA Peaceable Investor Member LLC	60,064,204
TGA FC Investor Member LLC	58,479,051
TIAA-Stonepeak Investments II, LLC	55,100,444
TGA PC MCF Investor Member LLC	54,230,100
TGA PC Richmond Investor Member LLC	53,669,954

NOTES TO FINANCIAL STATEMENTS

730 DC LLC	41,920,228
TGA JL MCF Investor Member LLC	38,506,145
TGA Montrose Residences Member LLC	38,183,572
TGA Verve Orlando Investor Member LLC	37,925,563
TGA Lending III LLC	37,636,716
TGA NJCAHP Investor Member LLC	37,559,000
TGA UMH Properties Investor Member LLC	36,602,583
T-C SMA II LLC	36,339,418
TIAA-Stonepeak Investments I, LLC	35,200,606
TGA Maryland Farms Holdings LLC	34,168,500
TIAA Oil and Gas Investments, LLC	31,984,406
TGA NYCAHP I Investor Member LLC	24,512,550
TGA TMO IN Portfolio Investor Member LLC	23,662,865
TGA Los Tres Investor Member LLC	22,837,938
TGA Minority Interest Holdings LLC	22,457,560
TGA ASI Riverstone Investor Member LLC	21,935,537
TGA APAC Debt Holdings LLC	17,325,069
TGA European RE Holdings IV LLC	16,151,586
TGA TMO GP Portfolio JV Investor Member LLC	15,413,032
TGA PC Charleston Club Investor Member LLC	13,329,229
TGA ASI Eagles Landing Investor Member LLC	13,059,474
TGA JL II Investor Member LLC	12,702,649
TGA JL Investor Member LLC	12,259,736
TGA Lakes at Indian Creek Investor Member LLC	11,917,026
GF Holdings SPV, L.P.-Class A-1 Units	10,973,619
730 Telecom LLC	10,824,597
TGA University Trails Investor Member LLC	9,997,443
TGA NJCAHP II Investor Member LLC	9,032,421
TGA ASI Monte Vista Investor Member LLC	8,163,380
GF Holdings SPV, L.P.-Class E-1 Units	7,171,303
TGA Montague Investor Member LLC	6,487,831
TGA ASI Mission Trails Investor Member LLC	6,113,957
TGA Creekside Village Investor Member LLC	5,981,131
TGA ASI Sierra Vista Investor Member LLC	5,683,028
730 Lighting LLC	4,572,283
TGA Strategic Retail SMA LLC	4,517,702
TGA MOB Prescott Member LLC	3,518,630
T-C Waterford Blue Lagoon GP LLC	3,433,487
T-C Permian Investor LLC	1,243,935
TGA ASI Sage Investor Member LLC	194,707
TGA SP-MPC Housing Investor Member LLC	190,564
TGA JL III CT Investor Member LLC	(6,571,599)
Total	$ 9,223,028,374

NOTES TO FINANCIAL STATEMENTS

M. All SCA Investments

(1) Balance Sheet Value (Admitted and Nonadmitted) All SCA's (Except 8bi Entities)

SCA Entity	Percentage of SCA Ownership	Gross Amount	Admitted Amount	Nonadmitted Amount
a. SSAP No. 97 8a Entities				
Total SSAP No. 97 8a Entities	N/A	$ —	$ —	$ —
b. SSAP No. 97 8b(ii) Entities				
Total SSAP No, 97 8b(ii) Entities	N/A	$ —	$ —	$ —
c. SSAP No. 97 8b(iii) Entities				
TIAA Trust NA	100 %	$ 215,475,990	$ 215,475,990	$ —
TIAA-CREF Tuition Financing, Inc.	100 %	$ 7,729,502	$ —	$ 7,729,502
730 Texas Forest Holdings, Inc.	100 %	$ 178,133	$ 178,133	$ —
Total SSAP No. 97 8b(iii) Entities	XXX	$ 223,383,625	$ 215,654,123	$ 7,729,502
d. SSAP No. 97 8b(iv) Entities				
Seven30 Insurance Company Limited	100 %	$ 15,091,775	$ —	$ 15,091,775
Total SSAP No. 97 8b(iv) Entities	N/A	$ 15,091,775	$ —	$ 15,091,775
e. Total SSAP No. 97 8b Entities (except 8bi entities) (b+c+d)	XXX	$ 238,475,400	$ 215,654,123	$ 22,821,277
f. Aggregate Total (a+e)	XXX	$ 238,475,400	$ 215,654,123	$ 22,821,277

(2) NAIC Filing Response Information

SCA Entity	Type of NAIC Filing	Date of Filing to the NAIC	NAIC Valuation Amount	NAIC Response Received Y/N	NAIC Disallowed Entities Valuation Method, Resubmission Required Y/N	Code
a. SSAP No. 97 8a Entities						
Total SSAP No. 97 8a Entities	N/A	N/A	$ —	N/A	N/A	—
b. SSAP No. 97 8b(ii) Entities						
Total SSAP No, 97 8b(ii) Entities	N/A	N/A	$ —	N/A	N/A	—
c. SSAP No. 97 8b(iii) Entities						
TIAA-CREF Tuition Financing, Inc.*	Non-admit	N/A	N/A	N/A	N/A	N/A
730 Texas Forest Holdings, Inc.	Sub-2	7/21/2025	$ 205,000	Y	N	N/A
TIAA Trust NA	Sub-2	5/26/2025	$ 188,128,000	Y	N	N/A
Total SSAP No. 97 8b(iii) Entities	XXX	N/A	$ 188,333,000	N/A	N/A	—
d. SSAP No. 97 8b(iv) Entities						
Seven30 Insurance Company Limited	Non-admit	N/A	N/A	N/A	N/A	N/A
Total SSAP No. 97 8b(iv) Entities	N/A	N/A	$ —	N/A	N/A	—
e. Total SSAP No. 97 8b Entities (except 8bi entities) (b+c+d)	XXX	N/A	$ 188,333,000	N/A	N/A	—
f. Aggregate Total (a+e)	XXX	N/A	$ 188,333,000	N/A	N/A	—

* Assets nonadmitted so all values N/A

N. Investment in Insurance SCAs

Not applicable

O. SCA and SSAP No. 48 Entity Loss Tracking

Entity	Reporting Entity's Share of Net Income (Loss)	Accumulated Share of Net Income (Losses)	Reporting Entity's Share of Equity, Including Negative Equity	Guaranteed Obligation / Commitment for Financial Support (Yes/No)	Amount of the Recognized Guarantee Under SSAP No. 5R
TGA JL III CT Investor Member LLC	$ (7,585,536)	$ (6,577,101)	$ (6,571,599)	Yes	$ (6,571,599)

NOTES TO FINANCIAL STATEMENTS

11. Debt

A. Not applicable

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

(1) The Company is a member of the Federal Home Loan Bank of New York (FHLBNY). Through its membership, the Company has the ability to conduct business activity (advances) with the FHLBNY. It is part of the Company's strategy to utilize these funds to provide additional liquidity to supplement existing sources or use the funds to earn a spread on its investment. The Company is required to pledge collateral to the FHLBNY in the form of eligible securities for all advances received. The Company considers the amount of collateral pledged to the FHLBNY as the amount encumbered by advances from the FHLBNY at a point in time. The Company has determined the estimated maximum borrowing capacity as $19,018,104,308. The Company calculated this amount using 5% of total net admitted assets at the current reporting date.

(2) FHLB Capital Stock

a. Aggregate Total

	1 Total (2+3)	2 General Account	3 Separate Account
1. Current Year as of December 31, 2025			
a) Membership Stock - Class A	$ —	$ —	$ —
b) Membership Stock - Class B	50,000,000	50,000,000	—
c) Activity Stock	325,300,500	325,300,500	—
d) Excess Stock	—	—	—
e) Aggregate Total (a+b+c+d)	$ 375,300,500	$ 375,300,500	$ —
f) Actual or estimated Borrowing Capacity as Determined by the Insurer	$ 19,018,104,308	$ 19,018,104,308	$ —
2. Prior Year-end as of December 31, 2024			
a) Membership Stock - Class A	$ —	$ —	$ —
b) Membership Stock - Class B	50,000,000	50,000,000	—
c) Activity Stock	322,996,500	322,996,500	—
d) Excess Stock	—	—	—
e) Aggregate Total (a+b+c+d)	$ 372,996,500	$ 372,996,500	$ —
f) Actual or estimated Borrowing Capacity as Determined by the Insurer	$ 18,398,843,797	$ 18,398,843,797	$ —

			Eligible for Redemption			
	1	2	3	4	5	6
Membership Stock	Current Year Total (2+3+4+5+6)	Not Eligible for Redemption	Less than 6 Months	6 Months or Less Than 1 Year	1 to Less Than 3 Years	3 to 5 Years
Class A	$ —	$ —	$ —	$ —	$ —	$ —
Class B	$ 50,000,000	$ 50,000,000	$ —	$ —	$ —	$ —

(3) Collateral Pledged to FHLB

a. Amount Pledged as of the Reporting Date

	1 Fair Value	2 Carrying Value	3 Aggregate Total Borrowing
1. Current Year Total General and Separate Accounts Total Collateral Pledged (Lines 2+3)	$ 8,076,764,361	$ 8,804,240,451	$ 7,228,900,000
2. Current Year General Account Total Collateral Pledged	$ 8,076,764,361	$ 8,804,240,451	$ 7,228,900,000
3. Current Year Separate Account Total Collateral Pledged	$ —	$ —	$ —
4. Prior Year-end Total General and Separate Accounts Total Collateral Pledged	$ 8,213,183,485	$ 9,107,627,255	$ 7,177,700,000

b. Maximum Amount Pledged During Reporting Period

	1 Fair Value	2 Carrying Value	3 Amount Borrowed at Time of Maximum Collateral
1. Current Year Total General and Separate Accounts Maximum Collateral Pledged (Lines 2+3)	$ 8,948,115,645	$ 9,741,557,022	$ 8,008,900,000
2. Current Year General Account Maximum Collateral Pledged	$ 8,948,115,645	$ 9,741,557,022	$ 8,008,900,000
3. Current Year Separate Account Maximum Collateral Pledged	$ —	$ —	$ —
4. Prior Year-end Total General and Separate Accounts Maximum Collateral Pledged	$ 9,347,185,096	$ 10,362,197,948	$ 8,280,300,000

(4) Borrowing from FHLB

a. Amount as of the Reporting Date

	1 Total (2+3)	2 General Account	3 Separate Account	4 Funding Agreements Reserves Established
1. Current Year				
a) Debt	$ 110,000,000	$ 110,000,000	$ —	XXX
b) Funding Agreements	7,118,900,000	7,118,900,000	—	7,118,900,000
c) Other	—	—	—	XXX
d) Aggregate Total (a+b+c)	$ 7,228,900,000	$ 7,228,900,000	$ —	$ 7,118,900,000
2. Prior Year-end				
a) Debt	$ 100,000,000	$ 100,000,000	$ —	XXX
b) Funding Agreements	7,077,700,000	7,077,700,000	—	7,077,700,000
c) Other	—	—	—	XXX
d) Aggregate Total (a+b+c)	$ 7,177,700,000	$ 7,177,700,000	$ —	$ 7,077,700,000

b. Maximum Amount during Reporting Period (Current Year)

	1 Total (2+3)	2 General Account	3 Separate Account
Current Year			
1. Debt	$ 890,000,000	$ 890,000,000	$ —
2. Funding Agreements	7,118,900,000	7,118,900,000	—
3. Other	—	—	—
4. Aggregate Total (Lines 1+2+3)	$ 8,008,900,000	$ 8,008,900,000	$ —

c. FHLB - Prepayment Obligations

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

C. Not applicable

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

A. Defined Benefit Plan

The Company previously provided pension benefits through an unfunded Supplemental Executive Retirement Plan (“SERP”) to certain select executives and any TIAA associate deemed eligible by the Board of Trustees.

The SERP provided an annual retirement benefit payable at normal retirement calculated as 3% of the participant’s 5-year average total compensation based on an average of the highest five of the last ten years multiplied by the number of years of service not in excess of 15 years, less the annual initial benefit from Company contributions to the participant's basic defined contribution annuity contracts.

The obligations of the Company under the SERP are unfunded, unsecured promises to make future payments. As such, the plan has no assets. Contributions for a given period are equal to the benefit payments for that period. The expected rate of return on plan assets is not applicable.

The Company provides certain other post-retirement life and health insurance benefits to eligible retired employees who meet prescribed age and service requirements.

NOTES TO FINANCIAL STATEMENTS

The Status of these plans for retirees and eligible active employees are summarized below:

(1) Change in benefit obligations

a. Pension benefits

		Overfunded		Underfunded	
		2025	2024	2025	2024
1.	Benefit obligation at beginning of year	$ —	$ —	$ 15,343,131	$ 27,203,703
2.	Service cost	—	—	—	—
3.	Interest cost	—	—	709,128	1,135,478
4.	Contribution by plan participants	—	—	—	—
5.	Actuarial (gain) loss	—	—	1,332,594	(10,147,888)
6.	Foreign currency exchange rate changes	—	—	—	—
7.	Benefits paid	—	—	(2,469,313)	(2,848,162)
8.	Plan amendments	—	—	—	—
9.	Business combinations, divestitures, curtailments, settlements and special termination benefits	—	—	—	—
10.	Benefit obligation at end of year	$ —	$ —	$ 14,915,540	$ 15,343,131

b. Postretirement benefits

		Overfunded		Underfunded	
		2025	2024	2025	2024
1.	Benefit obligation at beginning of year	$ —	$ —	$ 48,037,610	$ 46,651,177
2.	Service cost	—	—	—	—
3.	Interest cost	—	—	2,239,648	2,006,536
4.	Contribution by plan participants	—	—	—	—
5.	Actuarial (gain) loss	—	—	4,053,679	1,922,224
6.	Foreign currency exchange rate changes	—	—	—	—
7.	Benefits paid	—	—	(6,395,050)	(6,419,966)
8.	Plan amendments	—	—	—	3,877,639
9.	Business combinations, divestitures, curtailments, settlements and special termination benefits	—	—	—	—
10.	Benefit obligation at end of year	$ —	$ —	$ 47,935,887	$ 48,037,610

c. Special or Contractual Benefits Per SSAP No. 11

Not applicable

(2) Change in plan assets

		Pension Benefits		Postretirement Benefits	
		2025	2024	2025	2024
a.	Fair value of plan assets at beginning of year	$ —	$ —	$ —	$ —
b.	Actual return on plan assets	—	—	—	—
c.	Foreign currency exchange rate changes	—	—	—	—
d.	TIAA contribution	2,469,313	2,848,162	6,395,050	6,419,966
e.	Plan participants' contributions	—	—	—	—
f.	Benefits paid	(2,469,313)	(2,848,162)	(6,395,050)	(6,419,966)
g.	Business combinations, divestitures and settlements	—	—	—	—
h.	Fair value of plan assets at end of year	$ —	$ —	$ —	$ —

(3) Funded status

		Pension Benefits		Postretirement Benefits	
		2025	2024	2025	2024
a.	Components				
1.	Prepaid benefit costs	$ —	$ —	$ —	$ —
2.	Over-funded plan assets	—	—	—	—
3.	Accrued benefit costs	15,539,430	17,342,694	75,587,075	83,728,545
4.	Liability for pension benefits	(623,890)	(1,999,563)	(27,651,188)	(35,690,935)
b.	Assets and liabilities recognized				
1.	Assets (nonadmitted)	$ —	$ —	$ —	$ —
2.	Liabilities recognized	14,915,540	15,343,131	47,935,887	48,037,610
c.	Unrecognized liabilities	$ —	$ —	$ —	$ —

NOTES TO FINANCIAL STATEMENTS

The Company allocates benefit expenses to certain subsidiaries based upon salaries. The expense (gain) associated with post-retirement benefits reflected in the accompanying statements of operations was approximately $(471,150) and $(696,262) for 2025 and 2024, respectively.

(4) Components of net periodic benefit cost

	Pension Benefits		Postretirement Benefits	
	2025	2024	2025	2024
a. Service cost	$ —	$ —	$ —	$ —
b. Interest cost	709,128	1,135,478	1,970,384	2,006,536
c. Expected return on plan assets	—	—	—	—
d. Amortization of unrecognized transition obligation or transition asset	—	—	—	—
e. Amount of recognized gains and losses	(43,079)	516,948	—	—
f. Amount of prior service cost recognized	—	—	(3,986,068)	(4,271,608)
g. Amount of gain or loss recognized due to a settlement or curtailment	—	—	294,980	—
h. Total net periodic benefit cost	$ 666,049	$ 1,652,426	$ (1,720,704)	$ (2,265,072)

(5) Amounts in unassigned funds (surplus) recognized as components of net periodic benefit cost

	Pension Benefits		Postretirement Benefits	
	2025	2024	2025	2024
a. Items not yet recognized as a component of net periodic cost – prior year	$ (1,999,563)	$ 8,665,273	$ (35,690,935)	$ (45,762,408)
b. Net transition asset or obligation recognized	—	—	—	—
c. Net prior service cost or credit arising during the period	—	—	—	3,877,641
d. Net prior service cost or credit recognized	—	—	3,986,068	4,271,608
e. Net gain and loss arising during the period	(43,079)	(516,948)	4,053,679	1,922,224
f. Net gain and loss recognized	1,332,594	(10,147,888)	—	—
g. Items not yet recognized as a component of net periodic cost – current year	$ (710,048)	$ (1,999,563)	$ (27,651,188)	$ (35,690,935)

(6) Amounts in unassigned funds (surplus) that have not yet been recognized as components of net periodic benefit cost

	Pension Benefits		Postretirement Benefits	
	2025	2024	2025	2024
a. Net transition asset or obligation	$ —	$ —	$ —	$ —
b. Net prior service cost or credit	$ —	$ —	$ (36,338,518)	$ (40,324,586)
c. Net recognized gains and losses	$ (710,048)	$ (1,999,563)	$ 8,687,330	$ 4,633,651

(7) Weighted-average assumptions used to determine net periodic benefit cost as of December 31

	Pension Benefits		Postretirement Benefits	
	2025	2024	2025	2024
a. Weighted-average discount rate	5.05%	4.55%	5.25%	4.62%
b. Expected long-term rate of return on plan assets	—	—	—	—
c. Rate of compensation increase	N/A	N/A	N/A	N/A
d. Interest crediting rates (for cash balance plans and other plans with promised interest crediting rates)	N/A	N/A	N/A	N/A

Weighted-average assumptions used to determine projected benefit obligation as of December 31

	Pension Benefits		Postretirement Benefits	
	2025	2024	2025	2024
e. Weighted-average discount rate	4.54%	5.05%	4.89%	5.25%
f. Rate of compensation increase	N/A	N/A	N/A	N/A
g. Interest crediting rates (for cash balance plans and other plans with promised interest crediting rates)	N/A	N/A	N/A	N/A

For measurement purposes for the post-retirement plan, a 7.41% annual rate of increase in the per capita cost of covered pre-65 health care benefits was assumed for 2026. The rate was assumed to decrease gradually to 4.50% for 2035 and remain at that level thereafter.

(8) The amount of accumulated benefit obligation for the defined benefit pension plan was $14,915,540 and $15,343,131 for the year ended December 31, 2025 and 2024, respectively.

(9) The Company has multiple non-pension post-retirement benefit plans. The pre-65 health care plans are contributory, with participants' contributions adjusted annually; the post-65 health care plan and the life insurance plans are noncontributory. Post-retirement life insurance is offered only to those who retired prior to 2011. Company subsidies for the post-retirement health care plans, including post-65 annual HRA amounts, are offered to any who qualify for eligibility prior to 2015, after which newly qualifying retirees will pay the full cost of the health care plans. The accounting for health care plans anticipates future cost-sharing changes to the written plan consistent with the Company's express intent to reflect general health care trend rates in the employee premiums. For post-retirement medical, this is consistent with pre-65 trend rate assumptions of 7.41% for 2026 gradually scaling down to 4.50% in 2035. Company-provided HRA amounts are assumed to remain constant, and therefore no post-65 trend rate assumption applies.

(10) The following estimated future payments, which reflect expected future service, as appropriate, are expected to be paid in the years indicated:

	Years	Postretirement Benefits	Pension Benefits
a.	2026	5,595,966	2,395,000
b.	2027	5,316,871	2,228,000
c.	2028	4,985,144	2,049,000
d.	2029	4,591,340	1,861,000
e.	2030	4,359,824	1,669,000
f.	2031 through 2035	18,154,968	5,590,000

(11) The Company does not have any regulatory contribution requirements for 2026 and does not intend to make voluntary contributions to the defined benefit pension plan during 2026.

(12)-(18) Not applicable.

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

E. Defined Contribution Plans

The Company maintains a qualified, non-contributory defined contribution money purchase plan covering substantially all employees, including employees of Nuveen Services, LLC. All employee pension plan liabilities are fully funded through retirement annuity contracts. Contributions are made to each participant's contract based on a percentage of salary, with the applicable percentage varying by attained age. Contributions are fully vested upon the earlier of (a) the time when the employee completes three years of service, (b) the date the employee attains age 65, or (c) the date of the employee's death. The accompanying statements of operations include contributions to the pension plan of approximately $36,649,063 and $44,659,756 in 2025 and 2024, respectively. This includes supplemental contributions made to Company-owned annuity contracts under a non-qualified deferred compensation plan.

The Company sponsors a defined contribution plan established to provide all of its employees with retirement income through a program of voluntary contributions. The Company matches contributions on 100% of the first 3% of base salary that an employee contributes into the plan. Participants are eligible to contribute to the Plan immediately on their first day of employment and are vested immediately in their contributions plus actual earnings thereon. Participants are fully vested in the Employer matching contributions upon the earlier of (a) the time when the employee completes three years of service, (b) the date the employee attains age 65, or (c) the date of the employee's death. The accompanying statements of operations include contributions to this plan of approximately $10,157,063 and $12,616,661 in 2025 and 2024, respectively.

The Company sponsors another defined contribution plan to provide all of its employees with funds to help cover qualified medical expenses after termination of employment through a program of voluntary contributions. A participant may contribute up to 100% of their base salary to the plan. These contributions are made on an after-tax basis by the participant. The Company matches 100% of the plan's participant contribution, up to $750 annually. Participants are eligible to contribute to the plan immediately on their first day of employment and are vested immediately in their contributions plus actual earnings thereon. Participants are fully vested in the employer matching contributions upon the earlier of (a) the time when the employee completes three years of service, (b) the date the employee attains age 65, or (c) the date of the employee's death. The accompanying statements of operations include contributions to this plan of approximately $1,101,719 and $1,368,598 in 2025 and 2024, respectively.

Additionally, the Company maintains a non-qualified deferred compensation plan for non-employee trustees and members of the TIAA Board of Governors. The plan provides an award equal to 50% of the annual stipend that is invested annually in company-owned annuity contracts. Payout of accumulations is normally made in a lump sum following the trustees' or member's separation from the Board.

NOTES TO FINANCIAL STATEMENTS

F. Multiemployer Plans

Not applicable

G. Consolidated/Holding Company Plans

Not applicable

H. Post employment Benefits and Compensated Absences

Not applicable

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

As of December 31, 2025, the Company had not been impacted by the Medicare Modernization Act.

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

(A) The Company has 2,500 shares of $1,000 par value Class A common stock authorized, issued and outstanding as of the balance sheet date.

(B) The Company has no preferred stock.

(C) The Company is subject to stockholder dividend restrictions under the New York Insurance Law. However, all of the outstanding common stock of the Company is collectively held by TIAA Board of Governors, a non-profit corporation created to hold the stock of the Company, and therefore the Company does not make stockholder dividend payments.

(D) and (E) The Company, by charter, operates without profit to the corporation or its sole shareholder, the TIAA Board of Governors. As a result, all contingency reserves are held as special surplus funds solely to provide benefits in accordance with the Company's charter purpose.

(F) There are no restrictions placed on the Company's surplus.

(G) There are no advances to surplus.

(H) The Company does not hold any stock for special purposes.

(I) Changes in the balance of special surplus funds for the period ended December 31, 2025 are as follows:

Balance at December 31, 2024	$	41,049,960,096
Net Loss		(161,670,968)
Change in net unrealized capital gains (losses) less capital gains tax of $209,843,949		867,279,902
Change in net deferred income tax		236,744,970
Change in nonadmitted assets		(152,770,205)
Change in liability for reinsurance in unauthorized companies (increase) or decrease		(6,372,701)
Change in asset valuation reserve		(186,486,092)
Other changes in surplus in Separate Accounts Statement		34,354,005
Change in surplus notes		741,164
Other, net		(8,893,001)
Balance at December 31, 2025	$	41,672,887,170

(J) The Company has no unassigned funds. The portion of special surplus funds represented by cumulative net unrealized gains was $4,566,403,866, gross of deferred taxes, as of December 31, 2025.

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(K) The following table provides information related to the Company's outstanding surplus notes as of December 31, 2025:

Item Number	Date Issued	Interest rate	Original Issue Amount of Note	Is Surplus Note Holder a Related Party (Y/N)	Carrying Value of Note Prior Year	Carrying Value of Note Current Year	Unapproved Interest And/Or Principal
1000	12/16/2009	6.850 %	$ 2,000,000,000	N	$ 1,049,321,764	$ 1,049,366,956	$ —
2000	09/18/2014	4.900 %	1,650,000,000	N	1,648,977,047	1,649,028,159	—
4000	05/08/2017	4.270 %	2,000,000,000	N	1,995,204,884	1,995,418,000	—
5000	05/07/2020	3.300 %	1,250,000,000	N	1,248,588,055	1,248,643,378	—
Total	xxx	xxx	$ 6,900,000,000	xxx	$ 5,942,091,750	$ 5,942,456,493	$ —

Item Number	Current Year Interest Expense Recognized	Life-To-Date Interest Expense Recognized	Current Year Interest Offset Percentage (not including amounts paid to a 3rd party liquidity provider)	Current Year Principal Paid	Life-To-Date Principal Paid	Date of Maturity
1000	$ 71,925,000	$ 1,150,800,000	— %	$ —	$ 950,000,000	12/16/2039
2000	80,850,000	888,676,250	— %	—	—	09/15/2044
4000	85,400,000	727,560,556	— %	—	—	05/15/2047
5000	41,250,000	227,791,667	— %	—	—	05/15/2050
Total	$ 279,425,000	$ 2,994,828,473	xxx	$ —	$ 950,000,000	xxx

Item Number	Are Surplus Note payments contractually linked? (Y/N)	Surplus Note payments subject to administrative offsetting provisions? (Y/N)	Were Surplus Note proceeds used to purchase an asset directly from the holder of the surplus note? (Y/N)	Is Asset Issuer a Related Party (Y/N)	Type of Assets Received Upon Issuance
1000	N	N	N	N	N/A
2000	N	N	N	N	N/A
4000	N	N	N	N	N/A
5000	N	N	N	N	N/A
Total	xxx	xxx	xxx	xxx	xxx

Item Number	Principal Amount of Assets Received Upon Issuance	Book/Adjusted Carry Value of Assets	Is Liquidity Source a Related Party to the Surplus Note Issuer? (Y/N)
1000	$ —	$ —	N
2000	—	—	N
4000	—	—	N
5000	—	—	N
Total	$ —	$ —	xxx

In 2024, the Company called a $350 million fixed to floating surplus note (formerly Item Number 3000) that was issued on September 18, 2014. It bore interest at a fixed annual rate of 4.375% until September 15, 2024, at which time it converted to a floating rate and became callable. The interest expense in 2024 associated with this surplus note was $15,950,521.

The instruments listed in the above table, are unsecured debt obligations of the type generally referred to as "surplus notes" and are issued in accordance with Section 1307 of the New York Insurance Law. The surplus notes are subordinated in right of payment to all present and future indebtedness, policy claims and other creditor claims of the Company and rank *pari passu* with any future surplus notes of the Company and with any other similarly subordinated obligations.

The notes were issued in a transaction pursuant to Rule 144A under the Securities Act of 1933, as amended, and the notes are evidenced by one or more global notes deposited with a custodian for, and registered in the name of a nominee of, The Depository Trust Company.

No subsidiary or affiliate of the Company is an obligor or guarantor of the notes, which are solely obligations of the Company. No affiliates of the Company hold any portion of the notes.

The notes are not scheduled to repay any principal prior to maturity. Each payment of interest and principal may be made only with the prior approval of the Superintendent and only out of the Company's surplus funds, which the Superintendent of the Department determines to be available for such payments under New York

NOTES TO FINANCIAL STATEMENTS

Insurance Law. In addition, provided that approval is granted by the Superintendent of the Department, the notes may be redeemed at the option of the Company at any time at the “make-whole” redemption price equal to the greater of the principal amount of the notes to be redeemed, or the sum of the present values of the remaining scheduled interest and principal payments, excluding accrued interest as of the redemption date, discounted to the redemption date on a semi-annual basis at the adjusted Treasury rate plus a pre-defined spread, plus in each case, accrued and unpaid interest payments on the notes to be redeemed to the redemption date.

(L)-(M) The Company has no restatement of surplus due to quasi-reorganizations.

14. Liabilities, Contingencies and Assessments

A. Contingent Commitments

(1) At December 31, 2025, outstanding commitments for future real estate investments were $5,762,480 of which $4,723,088 is scheduled for disbursement in 2026 and $1,039,392 in later years. The funding of real estate investment obligations is contingent upon the properties meeting specific requirements, including construction, leasing and occupancy.

At December 31, 2025, outstanding commitments for equity investments were $11,804,572,392. Of this, $2,674,630,619 is scheduled for disbursement in 2026 and $9,129,941,773 in later years. Equity investments represent fund investments and stocks.

(2) At December 31, 2025, the Company was obligor under the following guarantees indemnities and support obligations:

Nature and circumstances of guarantee and key attributes, including date and duration of agreement.	Liability recognition of guarantee. (Include amount recognized at inception. If no initial recognition, document exception allowed under SSAP No. 5R.)	Ultimate financial statement impact if action under the guarantee is required.	Maximum potential amount of future payments (undiscounted) the guarantor could be required to make under the guarantee. If unable to develop an estimate, this should be specifically noted.	Current status of payment or performance risk of guarantee. Also provide additional discussion as warranted.
The Company has unconditionally guaranteed $1,000 million in outstanding senior unsecured notes issued by Nuveen, LLC. The Company hereby agrees to cause any such payment to be made punctually when and as the same shall become due and payable, whether at maturity, upon acceleration, redemption, repayment or otherwise, and as if such payment were made by Nuveen LLC.	Guarantee made to/or on behalf of a wholly-owned subsidiary and as such are excluded from recognition.	Investment in Subsidiary, Controlled, or Affiliated	$1,120,000,000	Based on Nuveen's financial position and operations, the Company views the risk of performance under this guarantee as remote.

(3) At December 31, 2025, the Company's aggregate compilation of guarantee obligations was as follows (in millions):

a.	Aggregate Maximum Potential of Future Payments of All Guarantees (undiscounted) the guarantor could be required to make under guarantees. (Should equal total of Column 4 for (2) above.)	$ 1,120
b.	Current Liability Recognized in F/S:	
	1. Noncontingent Liabilities	$ —
	2. Contingent Liabilities	$ —
c.	Ultimate Financial Statement Impact if action under the guarantee is required.	
	1. Investments in SCA	$ 1,120
	2. Joint Venture	—
	3 Dividends to Stockholders (capital contributions)	—
	4. Expense	—
	5. Other	—
	6 Total (1+2+3+4+5) (Should equal (3)a.)	$ 1,120

B. Assessments

(1) The company is subject to guaranty fund assessments from the states in which it is licensed and has received notification of the insolvency of various life insurers. The company establishes a liability for its proportionate share of the assessments and an offsetting asset for states that allow members to recover the assessment through full or partial credit. The liabilities are estimated using discounted values per the guarantee associations and the company does not further discount the assessments as it is not material to the financial statements.

The Company has established a non-recoverable guarantee fund assessments liability of $532,676 for December 31, 2025.

(2)

a.	Assets recognized from paid premium tax offsets prior year end	$ 25,661,109
b.	Decreases current year	
	Premium tax offset	(5,800,839)
c.	Increases current year	
	Assessments paid	7,931,658
d.	Assets recognized from paid premium tax offsets	$ 27,791,928

(3)

a. Discount rate applied.....0%

b. The undiscounted and discounted amount of the guaranty assessment and related assets by insolvency.

Name of the Insolvency	Guarantee Fund Assessment		Related Assets	
	Undiscounted	Discounted	Undiscounted	Discounted
American Network/Penn Treaty	$ 24,661	$ 24,661	$ 19,150	$ 19,150
Bankers Life/CO Bankers Life/ Southland	$ 4,381,173	$ 4,381,173	$ 4,069,531	$ 4,069,531

c. Not applicable

C. Gain Contingencies

Not applicable

D. Claims Related Extra Contractual Obligation and Bad Faith Losses Stemming from Lawsuits

Not applicable

E. Joint and Several Liabilities

Not applicable

F. All Other Contingencies

Contingent liabilities arising from litigation and other matters, over and above amounts already provided for in the financial statements or disclosed elsewhere in these notes, are not considered material in relation to the Company's financial position or the results of its operations.

The Company receives and responds to subpoenas, examinations, or other inquiries from state and federal regulators, including state insurance commissioners; state attorneys general and other state governmental authorities; the SEC; federal governmental authorities; and the Financial Industry Regulatory Authority ("FINRA"), seeking a broad range of information. The Company cooperates in connection with these inquiries and believes the ultimate liability that could result from litigation and proceedings would not have a material adverse effect on the Company's financial position.

15. Leases

A. (1) The Company leases office space under various non-cancelable operating lease agreements. Rental expense for office space was $107,988,414 and $96,506,351 for 2025 and 2024, respectively. Additionally, the Company previously leased data processing and other equipment under various non-cancelable lease agreements. Rental expense for equipment was $1,113,065 for 2024. There were no rental expenses for equipment in 2025.

(2) At January 1, 2026, the minimum aggregate rental commitments are as follows:

Year Ending December 31,	Real Property	Equipment	Total
2026	$ 107,111,724	$ —	$ 107,111,724
2027	106,220,168	—	106,220,168
2028	99,373,990	—	99,373,990
2029	98,788,065	—	98,788,065
2030	80,955,596	—	80,955,596
Thereafter	564,407,132	—	564,407,132
Total (sum of 1 through 6)	$ 1,056,856,675	$ —	$ 1,056,856,675

(3) The Company is not involved in any sale-leaseback transactions.

B. (1) For Operating Leases

a. The Company owns and leases real estate properties. The properties are leased to tenants in a variety of industries under various non-cancelable leases with a typical lease period of five to twenty years and some leases contain renewal options. The minimum rental amounts due under the leases are generally subject to either scheduled fixed increases or other adjustments. The leases also generally require that the tenants are billed for increases in certain operating costs and real estate taxes above the tenant's base year costs.

b. At December 31, the cost, accumulated depreciation and carrying values of real estate directly owned by the Company are as follows:

	2025	2024
Cost	$ 4,233,508,331	$ 4,319,087,467
Accumulated depreciation	(897,886,756)	(841,479,234)
Carrying value	$ 3,335,621,575	$ 3,477,608,233

At December 31, the carrying values of real estate investments are diversified by property type as follows:

Property Type	2025	2024
Industrial buildings	54.8 %	54.5 %
Office buildings	22.6	22.6
Apartments	15.4	16.0
Retail	4.8	4.5
Mixed-use projects	2.1	2.1
Land held for future development	0.3	0.3
Total	100.0 %	100.0 %

c. Future minimum lease payment receivables under non-cancelable leasing arrangements as of December 31, 2025, are as follows:

Year Ending	Operating Leases
2026	$ 242,926,109
2027	240,458,524
2028	223,874,215
2029	190,538,146
2030	155,032,284
Thereafter	347,890,656
Total	$ 1,400,719,934

d. There were no contingent rentals included in income for the years ended December 31, 2025 and 2024.

(2) The Company does not have any leveraged leases.

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

(1) The table below summarizes the notional amount of the Company's derivative financial instruments with off balance sheet risk:

		Assets		Liabilities	
		2025	2024	2025	2024
a.	Swaps	$ 22,178,746,117	$ 21,210,024,411	$ 10,610,349,762	$ 5,376,203,475
b.	Forwards	19,454,412,342	15,556,156,054	6,275,707,193	9,774,841
c.	Options	3,000,000,000	—	3,000,000,000	—
d.	Total (a+b+c)	$ 44,633,158,459	$ 36,766,180,465	$ 19,886,056,955	$ 5,385,978,316

(2) See Note 8 for a description of the nature and terms of the Company's derivatives, including market risks and cash requirements. See Note 1 for a description of the related accounting policies of the Company's derivatives.

(3) The Company is exposed to credit-related losses in the event of nonperformance by counterparties to derivatives, but it does not expect any counterparties to fail to meet their obligations given their high credit ratings. See item (4) below for further discussion of the Company's methods of mitigating credit risk with its derivatives counterparties.

See Schedule DB Part D Section 1 for details of the Company's derivatives counterparty credit exposure.

(4) The Company currently has International Swaps and Derivatives Association ("ISDA") master swap agreements in place with each of its OTC-bilateral derivatives counterparties. Substantially all of the Company's ISDA Master Agreements also include Credit Support Annex provisions which require both the pledging and accepting of cash or highly liquid U.S. Government securities as collateral in connection with its OTC-bilateral derivatives positions.

The Company transacts in OTC-cleared derivatives through central clearing counterparties. These positions are marked to market and margined on a daily basis (both initial margin and variation margin), and the Company has minimal exposure to credit-related losses in the event of nonperformance by clearing brokers or central clearing counterparties.

Due to the level of material swap exposure, the Company also entered UMR agreements with certain non-clearinghouse counterparties to adhere to IM obligations for uncleared swap transactions.

As of December 31, 2025, the Company held cash collateral and margin of $611,535,000 and securities collateral of $548,005,480 from its counterparties. As of December 31, 2025, the Company pledged cash collateral of $4,747,719 and securities collateral and margin of $2,055,842,235 to its counterparties. These cash collateral amounts are recorded as receivables or payables by the Company and reported on the balance sheet as Aggregate Write-Ins for Invested Assets and Aggregate Write-Ins for Liabilities, respectively. Securities collateral held by the Company is carried off-balance sheet.

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

A. Transfers of Receivables Reported as Sales

Not applicable

B. Transfer and Servicing of Financial Assets

(1) The Company has a securities lending program whereby blocks of securities, which are included in invested assets, are loaned to third parties, primarily brokerage firms and commercial banks. Generally the Company requires collateral equal to 102% (105% for foreign loaned securities) of the current estimated fair value of the loaned securities for the duration of the loan. The Company monitors the estimated fair value of the securities loaned on a daily basis with additional collateral obtained as necessary. As of December 31, 2025, the estimated fair value of the Company's invested assets on loan under the program was $2,421,902,722. The contracts for the securities lending transactions as of December 31, 2025, are open ended with no termination date specified. The collateral held by the Company had an estimated fair value of $2,474,463,663 and was not restricted.

(2) The fair value of securities on loan was $2,421,902,722. The fair value of cash collateral received as of December 31, 2025, was $2,474,463,663. This collateral is reported in "Securities lending reinvested collateral assets" with an offsetting collateral liability of $2,474,463,663 included in "Payable for securities lending".

(3)-(7) Not applicable.

C. Wash Sales

Not applicable

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

Not applicable

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

Not applicable

20. Fair Value Measurements

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

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

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

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

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

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

Level 2 inputs include:

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

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

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

NAV Practical Expedient - TIAA has elected the NAV Practical expedient for certain investments held by its separate account. These investments are excluded from the valuation hierarchy, as these investments are fair valued using their net asset value as a practical expedient since market quotations or values from independent pricing services are not readily available. The separate account assets that have elected the NAV practical expedient represent investments in limited partnerships and limited liability companies that invest in real estate properties. The fair value, determined by the NAV practical expedient, of these assets were $839,575,294, and total unfunded commitments were $165,143,477 at December 31, 2025. For these investments, redemptions are prohibited prior to liquidation.

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

The following tables provide information about the Company's financial assets and liabilities measured and reported at fair value at December 31, 2025:

	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Total
Assets at fair value:					
Bonds					
Issuer Credit Obligation	$ —	$ 1,193,853,027	$ —	$ —	$ 1,193,853,027
Asset-Backed Securities	—	349,606,346	3,140,410	—	352,746,756
Total Bonds	$ —	$ 1,543,459,373	$ 3,140,410	$ —	$ 1,546,599,783
Other Invested Assets					
Debt Securities That Do Not Qualify as Bonds	$ —	$ 307,644,188	$ —	$ —	$ 307,644,188
Total Other Invested Assets	$ —	$ 307,644,188	$ —	$ —	$ 307,644,188
Common Stocks					
Industrial and Miscellaneous	$ 3,168,820,022	$ 96,503,708	$ 439,057,572	$ —	$ 3,704,381,302
Total Common Stocks	$ 3,168,820,022	$ 96,503,708	$ 439,057,572	$ —	$ 3,704,381,302
Total Preferred Stocks	$ —	$ 767,730,982	$ 47,914,866	$ —	$ 815,645,848
Derivatives:					
Foreign exchange contracts	$ —	$ 232,743,923	$ —	$ —	$ 232,743,923
Total Derivatives	$ —	$ 232,743,923	$ —	$ —	$ 232,743,923
Separate Account Assets, Net	$ 30,006,379,425	$ 1,812,855,813	$ 22,070,321,220	$839,575,294	$ 54,729,131,752
Total assets at fair value/NAV	$ 33,175,199,447	$ 4,760,937,987	$ 22,560,434,068	$839,575,294	$ 61,336,146,796
Liabilities at fair value:					
Derivatives					
Interest Rate Contracts	$ —	$ 2,540,568	$ —	$ —	$ 2,540,568
Foreign exchange contracts	—	437,257,418	—	—	437,257,418
Credit default swaps	—	32,610	—	—	32,610
Total liabilities at fair value	$ —	$ 439,830,596	$ —	$ —	$ 439,830,596

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

The following is a reconciliation of the beginning and ending balances for assets and liabilities measured and reported at fair value using Level 3 inputs at December 31, 2025 (in millions):

	Balance at 1/1/2025	Transfers into Level 3	Transfers out of Level 3	Total gains & (losses) included in Net Income	Total gains & (losses) included in Surplus	Purchases	Issuances	Sales	Settlements	Ending Balance at 12/31/2025
Issuer Credit Obligations	$ —	$ 6.6 a	$ (3.1) b	$ (3.1)	$ (0.8)	$ —	$ 0.4	$ —	$ —	$ —
Asset-Backed Securities	—	3.5 a	—	0.2	(0.1)	—	—		(0.5)	3.1
Common Stock	485.8	—	(9.2) b	33.6	(30.0)	1,190.5	—	(1,231.6)	—	439.1
Preferred Stock	61.3	—	—	2.2	(12.7)	—	—	(2.9)	—	47.9
Separate Account	21,573.4	—	—	97.3	37.1	1,716.5	—	(943.1)	(410.9)	22,070.3
Total	$22,120.5	$ 10.1	$ (12.3)	$ 130.2	$ (6.5)	$ 2,907.0	$ 0.4	$(2,177.6)	$ (411.4)	$ 22,560.4

(a) The Company transferred Bonds into Level 3 that are measured and reported at fair value.
(b) The Company transferred Bonds and Common Stock out of Level 3 that are not measured and reported at fair value.

(3) The Company's policy is to recognize transfers into and out of Level 3 at the actual date of the event or change in circumstances that caused the transfer.

(4) See 20.B.

(5) a. Derivative assets and liabilities fair value disclosures on a gross basis are included in 20.A.1 above.
b. Since there are no derivative assets or liabilities measured and reported at fair value classified in Level 3, the reconciliation disclosures required under 20.A.2 and 20.A.3 are not applicable. For disclosures required under 20.A.4 see 20.B.

B. The estimated fair values of the financial assets and liabilities presented within this note are determined by the Company using market information available as of December 31, 2025. The following is a summary of the valuation techniques and inputs used in the fair value measurements for all financial instruments, including those assets and liabilities carried at fair value in the Company's statement of financial position.

Level 1 financial instruments

Unadjusted quoted prices for these securities are provided to the Company by independent pricing services. Common stock and separate account assets in Level 1 primarily include mutual fund investments valued by the respective mutual fund companies, exchange listed equities, and public real estate investment trusts. Bonds ETFs are classified as common stock and are valued using quoted market prices.

Cash included in Level 1 represents cash on hand.

Level 2 financial instruments

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

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

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

Other invested assets in Level 2 include surplus notes that are valued by a third party pricing vendor using primarily observable market inputs. Observable inputs include benchmark yields, reported trades, market dealer quotes, issuer spreads, two-sided markets, benchmark securities, bids, offers and reference data. Additionally, for residual tranches or interests, valuation may be based on market inputs including benchmark yields, expected prepayment speeds, loss severity, delinquency rates, weighted average coupon, weighted average maturity and issuance specific information. Issuance specific information includes collateral type, payment terms of underlying assets, payment priority within the tranche, structure of the security, deal performance and vintage of loans.

Separate account assets in Level 2 consist principally of short-term government agency notes and corporate bonds that are valued principally by third party pricing services using market observable inputs.

Cash equivalents, short-term investments, and common stock included in Level 2 are valued principally by third party services using market observable inputs.

Level 3 financial instruments

Valuation techniques for issuer credit obligations, asset-backed securities, debt securities that do not qualify as bonds within other invested assets, and short-term investments included in Level 3 are generally the same as those described in Level 2 except that the techniques utilize inputs that are not readily observable in the market, including illiquidity premiums and spread adjustments to reflect industry trends or specific credit-related issues. The Company assesses the significance of unobservable inputs for each security and classifies that security in Level 3 as a result of the significance of unobservable inputs.

Estimated fair value for privately traded common equity securities are principally determined using valuation and discounted cash flow models that require a substantial level of judgment. Included in Level 3 common stock is the Company's holdings in the FHLBNY stock as described in Note 11.B - FHLBNY Agreements. As prescribed in the FHLBNY's capital plan, the par value of the capital stock is $100 and all capital stock is issued, redeemed, repurchased, or transferred at par value. Since there is not an observable market for the FHLBNY's stock, these securities have been classified as Level 3.

Preferred stocks are valued using valuation and discounted cash flow models that require a substantial level of judgment.

Mortgage loans are valued using discounted cash flow models that utilize inputs which include loan and market interest rates, credit spreads, the nature and quality of underlying collateral and the remaining term of the loans.

Derivatives assets and liabilities classified as Level 3 represent structured financial instruments that rely on inputs that are significant to the estimated fair value that are not observable in the market or cannot be corroborated by observable market data. Significant inputs that are unobservable generally include references to inputs outside the observable portion of credit curves or other relevant market measures. These

unobservable inputs require significant management judgment or assumptions. Level 3 methodologies are validated through periodic comparison of the Company's fair values to external broker-dealer values.

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

Separate account assets classified as Level 3 primarily include directly owned real estate properties, real estate joint ventures and real estate limited partnerships. Directly owned real estate properties are valued on a quarterly basis based on independent third party appraisals. Real estate joint venture interests are valued based on the fair value of the underlying real estate, any related mortgage loans payable and other factors such as ownership percentage, ownership rights, buy/sell agreements, distribution provisions and capital call obligations. Real estate limited partnership interests are valued based on the most recent net asset value of the partnership.

Separate account liabilities are accounted for at fair value, except the TIAA Stable Value Separate Account, which supports book value separate account agreements, in which case the assets are accounted for at amortized cost. Separate account liabilities reflect the contractual obligations of the insurer arising out of the provisions of the insurance contract.

FHLB debt provides additional liquidity to the Company to support general business operations. FHLB debt held by the Company is generally comprised of short term advances and is reflected as borrowed money within the Company's financial statements. Borrowings outstanding at December 31, 2025, had maturity dates less than three business days from the reporting date. Accordingly, the fair value of the debt is valued using the par value, which approximates fair value.

Deposit-type contracts include funding agreements used in an investment spread capacity. Fair value of funding agreements is determined by discounted cash flow analysis using funding agreement interest rates as of the reporting date. Other deposit-type contracts are valued based on the accumulated account value, which approximates fair value. All deposit-type contracts are classified as Level 3.

C. Aggregate fair value for all financial instruments

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

Assets:	Aggregate Fair Value	Admitted Assets	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Not Practicable (Carrying Value)
Issuer Credit Obligations	$ 166,582,699,118	$ 181,072,460,679	$ —	$ 166,126,397,387	$ 456,301,731	$ —	$ —
Asset-Backed Securities	40,532,598,261	41,800,647,143	—	40,009,281,044	523,317,217	—	—
Total Bonds	207,115,297,379	222,873,107,822	—	206,135,678,431	979,618,948	—	—
Common Stock	3,704,381,302	3,704,381,302	3,168,820,022	96,503,708	439,057,572	—	—
Preferred Stock	877,265,848	907,645,848	—	829,350,982	47,914,866	—	—
Mortgage Loans	33,869,046,353	36,691,632,393	—	—	33,869,046,353	—	—
Derivatives	79,049,882	1,447,667,408	—	(947,104,949) #	1,026,154,831	—	—
Other invested assets	580,903,679	527,059,194	—	580,902,722	957	—	—
Contract Loans	362,414,476	362,414,476	—	—	362,414,476	—	—
Separate Accounts	58,100,484,403	58,134,110,416	30,043,752,823	5,146,835,066	22,070,321,220	839,575,294	—
Cash, Cash Equivalents and Short Term Investments	518,980,192	520,277,501	89,676,536	427,394,566	1,909,090	—	—
Total	$ 305,207,823,514	$ 325,168,296,360	$33,302,249,381	$ 212,269,560,526	$ 58,796,438,313	$ 839,575,294	$ —

Liabilities:	Aggregate Fair Value	Statement Value	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Not Practicable (Carrying Value)
Deposit-type contracts	19,023,286,033	19,023,286,033	—	—	19,023,286,033	—	—
FHLB Debt	110,000,000	110,000,000	—	—	110,000,000	—	—
Separate Accounts	57,001,711,716	57,001,711,716	—	—	57,001,711,716	—	—
Derivatives	703,174,916	830,519,672	—	734,127,438	(30,952,522) *	—	—
Total	$ 76,838,172,665	$ 76,965,517,421	$ —	$ 734,127,438	$ 76,104,045,227	$ —	$ —

The negative amount in the asset table represents the negative fair value of effective asset swaps, bond forwards, certain effective cross currency swaps and replications.

* The negative amount in the liabilities table represents the positive fair value of certain effective cross currency swaps and tranched credit default index replications that were traded at discount.

D. Not applicable

E. See 20.A

NOTES TO FINANCIAL STATEMENTS

21. Other Items

A. Unusual or Infrequent Items

Not applicable

B. Troubled Debt Restructuring

Not applicable

C. Other Disclosures

Forward Commitments

The Company has the following forward commitments:

As of December 31, 2025, outstanding forward commitments for future long-term bond investments were $4,174,655,327. Of this, $1,480,147,752 is scheduled for disbursement in 2026 and $2,694,507,575 in later years. The funding of bond commitments is contingent upon the continued favorable financial performance of the potential borrowers.

As of December 31, 2025, outstanding forward commitments for future mortgage loan investments were $509,112,038. All is scheduled for disbursement in 2026. The funding of commercial mortgage loan commitments is contingent upon the underlying properties meeting specified requirements, including construction, leasing and occupancy. The funding of residential mortgage loan commitments is contingent upon the loan meeting specified guidelines including property appraisal reviews and confirmation of borrower credit.

D. Business Interruption Insurance Recoveries

Not applicable

E. State Transferable and Non-transferable Tax Credits

Not applicable

F. Subprime Mortgage Related Risk Exposure

The Company's exposure to subprime lending is limited to investments within its investment portfolio which are primarily in the form of Residential Mortgage-Backed Securities ("RMBS") supported by subprime mortgage loans. Additionally, the Company does not underwrite nor does it hold any direct sub-prime mortgages. The Company manages its subprime risk exposure by limiting the Company's holdings in these types of instruments, maintaining high credit quality investments, and performing ongoing analysis of cash flows, prepayment speeds, default rates and other stress variables. Asset-backed securities not in default are held at amortized cost. Securities held for sale, or rated NAIC 6 are held at the lower of amortized cost or fair value. All securities are subjected to the Company's process for identifying OTTIs. The impairment identification process utilizes various techniques and processes including a screening process based on declines in fair value and prospects for recovery. The Company writes down securities that it deems to have an OTTI in the period the securities are deemed to be impaired.

Furthermore, the Company does not have any underwriting exposure to subprime mortgage risk through Mortgage Guaranty or Financial Guaranty insurance coverage.

The following table presents the Company's exposure to RMBS securities supported by subprime residential mortgage-backed loans as of December 31, 2025. The OTTI losses in the table below are inception-to-date.

	Actual Cost	Book Adjusted Carrying Value (excluding interest)	Fair Value	Other Than Temporary Impairment Losses Recognized
Total RMBS	$ 72,960,503	$ 75,665,839	$ 106,228,280	$ (91,137,391)

G. Retained Assets

(1) Retained asset accounts are structured as drafts and reported as deposit-type contracts without life contingencies on the Company's financial statements. The interest crediting rate applied to accounts opened on or prior to November 3, 2003, is guaranteed at 3.00%, while accounts opened after November 3, 2003, guarantee only the principal. Additional interest can be credited above the guarantees at the Company's discretion: throughout 2025 the interest rate credited to all of these accounts was 3.25%. There are no monthly service or maintenance fees, no fees for withdrawals, and no fees for writing or

ordering drafts. If a balance falls below $1,000 during any statement period, the account will be closed as of the end of the next statement period and a check will be mailed for the remaining balance, including accrued interest. For accounts opened after 2014, the Company no longer offers the retained asset option on death claims.

(2) The following table presents the Company's retained asset accounts in force:

	Retained Asset Accounts In Force			
	December 31, 2025		December 31, 2024	
	(a) Number	(b) Balance	(c) Number	(d) Balance
a. Up to and including 12 Months	—	$ —	—	$ —
b. 13 to 24 Months	—	—	—	—
c. 25 to 36 Months	—	—	—	—
d. 37 to 48 Months	—	—	—	—
e. 49 to 60 Months	—	—	—	—
f. Over 60 Months	1,155	61,626,004	1,268	66,954,001
g. Total (a+b+c+d+e+f)	1,155	$ 61,626,004	1,268	$ 66,954,001

(3) The following table presents the Company's retained asset accounts segregated between individual and group contracts as of December 31, 2025:

	Retained Asset Accounts In Force			
	Individual		Group	
	(1) Number	(2) Balance	(3) Number	(4) Balance
a. Retained asset accounts at the beginning of the year	1,032	$ 55,000,937	236	$ 11,953,064
b. Retained asset accounts issued/added during the year	—		—	—
c. Investment earnings credited to retained asset accounts during the year	—	1,662,356	—	422,389
d. Fees and other charges assessed to retained asset accounts during the year	—	—	—	—
e. Retained asset accounts transferred to state unclaimed property funds during the year	—	—	—	—
f. Retained asset accounts closed/withdrawn during the year	90	6,277,170	23	1,135,572
g. Retained asset accounts at the end of the year (g = a+b+c+d+e+f)	942	$ 50,386,123	213	$ 11,239,881

H. Insurance- Linked Securities (ILS) Contracts

The Company did not have any insurance-linked securities contracts during 2025 where the Company may receive possible proceeds as the issuer, ceding insurer, or counterparty of insurance-linked securities.

I. The Amount That Could Be Realized on Life Insurance Where the Reporting Entity is Owner and Beneficiary or Has Otherwise Obtained Rights to Control the Policy

Not Applicable.

J. Reporting Net Negative (Disallowed) Interest Maintenance Reserve (IMR)

Not applicable

22. Events Subsequent

Type I - Recognized subsequent events:

Subsequent events have been considered through March 2, 2026, for the statutory statement issued on March 2, 2026.

No type I subsequent events were noted.

Type II - Non-recognized subsequent events:

Subsequent events have been considered through March 2, 2026, for the statutory statement issued on March 2, 2026.

On February 12, 2026, Nuveen and Schroders, a leading provider of active asset management, advisory and wealth management services with $1.1 trillion in assets under management agreed to the terms of a board recommended cash acquisition ("the Transaction") by Nuveen for the entire issued and to-be-issued share capital of Schroders for approximately £9.9 billion. The Transaction is currently expected to

become effective and close during Q4 2026, subject to the satisfaction or waiver of certain conditions, including the approval by Schroders shareholders and relevant antitrust and regulatory authorities.

23. Reinsurance

A. Ceded Reinsurance Report

Section 1 – General Interrogatories

(1) Are any of the reinsurers, listed in Schedule S as non-affiliated, owned in excess of 10% or controlled, either directly or indirectly, by the Company or by any representative, officer, trustee, or director of the Company?

Yes ( ) No (X)

(2) Have any policies issued by the Company been reinsured with a company chartered in a country other than the United States (excluding U.S. Branches of such companies) that is owned in excess of 10% or controlled directly or indirectly by an insured, a beneficiary, a creditor or any other person not primarily engaged in the insurance business?

Yes ( ) No (X)

Section 2 – Ceded Reinsurance Report – Part A

(1) Does the Company have any reinsurance agreements in effect under which the reinsurer may unilaterally cancel any reinsurance for reasons other than for non-payment of premium or other similar credits?

Yes ( ) No (X)

(2) Does the company have any reinsurance agreements in effect such that the amount of losses paid or accrued through the statement date may result in a payment to the reinsurer of amounts that, in aggregate and allowing for offset of mutual credits from other reinsurance agreements with the same reinsurer, exceed the total direct premium collected under the reinsured policies?

Yes ( ) No (X)

Section 3 – Ceded Reinsurance Report – Part B

(1) What is the estimated amount of the aggregate reduction in surplus, (for agreements other than those under which the reinsurer may unilaterally cancel for reasons other than for nonpayment of premium or other similar credits that are reflected in Section 2 above) of termination of ALL reinsurance agreements, by either party, as of the date of this statement? Where necessary, the Company may consider the current or anticipated experience of the business reinsured in making this estimate. $405,797,251.

(2) Have any new agreements been executed or existing agreements amended, since January 1 of the year of this statement, to include policies or contracts which were in force or which had existing reserves established by the Company as of the effective date of the agreement?

Yes ( ) No (X)

B. Uncollectible Reinsurance

The Company did not write off any uncollectible reinsurance balances during the year.

C. Commutation of Ceded Reinsurance

The Company did not commute any ceded reinsurance during the year.

D. Certified Reinsurer Rating Downgraded or Status Subject to Revocation

Not applicable

E. Reinsurance of Variable Annuity Contracts

Not applicable

F. Reinsurance with an Affiliated Captive Reinsurer

Not applicable

NOTES TO FINANCIAL STATEMENTS

G. Ceding Entities That Utilize Captive Reinsurers to Assume Reserves Subject to the XXX/AXXX Captive Framework

Not applicable

H. Reinsurance Credit

Not applicable

24. Retrospectively Rated Contracts and Contracts Subject to Redetermination

Not applicable

25. Changes in Incurred Losses and Loss Adjustment Expenses

A. Reserves as of December 31, 2025 were $875. As of December 31, 2025, no material amounts have been paid for incurred claims and claim adjustment expenses attributed to insured events of prior years. There are no reserves for prior years. See Schedule H - Part 3 and Five Year Historical Data. Original estimates are increased or decreased as additional information becomes known regarding individual claims. However, no significant trends or unanticipated events were noted in 2025. None of the Company's accident and health contracts are subject to retrospective rating or experience refunds.

B. During 2025 there were no changes in methodologies and assumptions used in calculating the liability for unpaid losses and loss adjustment expenses.

26. Intercompany Pooling Arrangements

Not applicable

27. Structured Settlements

Not applicable

28. Health Care Receivables

Not applicable

29. Participating Policies

Not applicable

30. Premium Deficiency Reserves

(1)	Liability carried for premium deficiency reserves for major medical block of business	$0
(2)	Date of the most recent evaluation of this liability	12/31/2025
(3)	Was anticipated investment income utilized in the calculation?	Yes

31. Reserves for Life Contracts and Annuity Contracts

(1) The Company waives deduction of deferred fractional premiums upon death of insured and returns any portion of the final premium beyond the date of death. As of December 31, 2025, surrender values of $385,278 in excess of the legally computed reserves are held as an additional reserve liability on Exhibit 5, - Miscellaneous reserves section.

(2) Reserves on substandard policies are calculated using increased mortality rates. The base reserve, which is included in Exhibit 5, Life Insurance section is calculated in the same manner as the reserve for standard policies. The reserve is then recalculated using increased mortality. The difference between the recalculated reserve and the base reserve is held as an additional reserve for increased mortality. These reserves for additional mortality totaled $7,998,176 (gross of reinsurance ceded) at December 31, 2025, and are reported in Exhibit 5, Miscellaneous Reserves section.

(3) As of December 31, 2025, the Company had $26,627,328,015 of insurance in force for which the gross premiums are less than the net premiums according to the standard valuation set by the State of New York. Deficiency reserves totaled $3,715,472 (gross of reinsurance) at December 31, 2025 and are reported on Exhibit 5, - Miscellaneous reserves section.

(4) The Tabular Interest, the Tabular Less Actual Reserve Released, and the Tabular Cost have been determined by formula as described in the instructions.

NOTES TO FINANCIAL STATEMENTS

(5) For Immediate Annuities not involving life contingencies and supplementary contracts not involving life contingencies, for each valuation rate of interest, the tabular interest has been calculated as the product of the valuation rate times the mean liability for the year. For all other funds not involving life contingencies, tabular interest has been calculated as the total interest credited to such funds. The total amount is entered on Exhibit 7, line 3 – Investment earnings credited.

(6) The following table provides the detail for other increases (net) on Page 7, line 7:

Item	Total	Industrial Life	Ordinary			Credit Life Group and Individual	Group	
			Life Insurance	Individual Annuities	Supplementary Contracts		Life Insurance	Annuities
Policyholder reinvestment of annuity benefits	$ 1,762,345,536	$ —	$ —	$ 1,173,060,330	$ —	$ —	$ —	$ 589,285,206
Net Effect of Maturities	(429,392,838)	—	—	1,015,579,426	(5,673,048)	—	—	(1,439,299,216)
Conversion & transfers between Individual & group deferred annuities	—	—	—	75,533,727	—	—	—	(75,533,727)
Change in Excess Reserve for Annuities	6,644,507	—	—	6,295,005	(250,901)	—	—	600,403
Universal Life Expense and Insurance Charges	(71,967,949)	—	(42,654,193)	—	—	—	(29,313,756)	—
Change in Excess Reserve Over Accumulation	5,676,763	—	4,147,412	—	—	—	1,529,351	—
Total	$ 1,273,306,019	$ —	$ (38,506,781)	$ 2,270,468,488	$ (5,923,949)	$ —	$ (27,784,405)	$ (924,947,334)

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

Withdrawal Characteristics of Annuity Actuarial Reserves and Deposit-Type Contract Funds and Other Liabilities Without Life or Disability Contingencies

	General Account	Separate Account with Guarantees	Separate Account Nonguaranteed	Total	% of Total
A. INDIVIDUAL ANNUITIES:					
(1) Subject to Discretionary Withdrawal:					
a. With Market Value Adjustment	$ —	$ 13,792,497	$ —	$ 13,792,497	— %
b. At book value less current surrender charge of 5% or more	—	—	—	—	— %
c. At fair value	—	—	27,271,408,876	27,271,408,876	14 %
d. Total with market value adjustment or at fair value (total a through c)	$ —	$ 13,792,497	$ 27,271,408,876	$ 27,285,201,373	14 %
e. At book value without adjustment (minimal or no charge or adjustment)	30,328,621,356	—	—	30,328,621,356	16 %
(2) Not subject to discretionary withdrawal	133,227,676,527	—	—	133,227,676,527	70 %
(3) Total (gross: direct + assumed)	$ 163,556,297,883	$ 13,792,497	$ 27,271,408,876	$ 190,841,499,256	100 %
(4) Reinsurance ceded	—	—	—	—	
* (5) Total (net) (3) - (4)	$ 163,556,297,883	$ 13,792,497	$ 27,271,408,876	$ 190,841,499,256	
(6) Amount included in A(1)b above that will move to A(1)e for the first time within the year after the statement date	$ —	$ —	$ —	$ —	

	General Account	Separate Account with Guarantees	Separate Account Nonguaranteed	Total	% of Total
B. GROUP ANNUITIES:					
(1) Subject to Discretionary Withdrawal:					
a. With Market Value Adjustment	$ —	$ —	$ —	$ —	— %
b. At book value less current surrender charge of 5% or more	—	—	—	—	— %
c. At fair value	—	—	23,461,634,431	23,461,634,431	23 %
d. Total with market value adjustment or at fair value (total a through c)	$ —	$ —	$ 23,461,634,431	$ 23,461,634,431	23 %
e. At book value without adjustment (minimal or no charge or adjustment)	45,067,407,614	3,151,478,293	—	48,218,885,907	47 %
(2) Not subject to discretionary withdrawal	31,177,719,073	—	—	31,177,719,073	30 %
(3) Total (gross: direct + assumed)	$ 76,245,126,687	$ 3,151,478,293	$ 23,461,634,431	$ 102,858,239,411	100 %
(4) Reinsurance ceded	—	—	—	—	
* (5) Total (net) (3) - (4)	$ 76,245,126,687	$ 3,151,478,293	$ 23,461,634,431	$ 102,858,239,411	
(6) Amount included in B(1)b above that will move to B(1)e for the first time within the year after the statement date	$ —	$ —	$ —	$ —	

NOTES TO FINANCIAL STATEMENTS

	General Account	Separate Account with Guarantees	Separate Account Nonguaranteed	Total	% of Total
C. DEPOSIT-TYPE CONTRACTS (no life contingencies):					
(1) Subject to Discretionary Withdrawal:					
a. With Market Value Adjustment	$ —	$ —	$ —	$ —	— %
b. At book value less current surrender charge of 5% or more	—	—	—	—	— %
c. At fair value	—	—	87,723,234	87,723,234	1 %
d. Total with market value adjustment or at fair value (total a through c)	$ —	$ —	$ 87,723,234	$ 87,723,234	1 %
e. At book value without adjustment (minimal or no charge or adjustment)	11,336,763,448	7,485,064	269,699	11,344,518,211	59 %
(2) Not subject to discretionary withdrawal	7,686,522,584	—	—	7,686,522,584	40 %
(3) Total (gross: direct + assumed)	$ 19,023,286,032	$ 7,485,064	$ 87,992,933	$ 19,118,764,029	100 %
(4) Reinsurance ceded	—	—	—	—	
(5) Total (net) (3) - (4)	$ 19,023,286,032	$ 7,485,064	$ 87,992,933	$ 19,118,764,029	
(6) Amount included in C(1)b above that will move to C(1)e for the first time within the year after the statement date	$ —	$ —	$ —	$ —	

D. Life & Accident & Health Annual Statement:		Amount	
(1)	Exhibit 5, Annuities Section, Total (net)	$ 237,538,587,357	
(2)	Exhibit 5, Supplementary Contracts with Life Contingencies Section, Total (net)	2,262,837,213	
(3)	Exhibit 7, Deposit-Type Contracts, Line 14, Column 1	19,023,286,033	
(4)	Subtotal (1+2+3)	$ 258,824,710,603	*
Separate Accounts Annual Statement:			
(5)	Exhibit 3, Line 0299999, Column 2	$ 53,782,615,417	
(6)	Exhibit 3, Line 0399999, Column 2	115,698,679	
(7)	Policyholder dividend and coupon accumulations	—	
(8)	Policyholder premiums	—	
(9)	Guaranteed interest contracts	—	
(10)	Other contract deposit funds	95,477,997	
(11)	Subtotal (5+6+7+8+9+10)	$ 53,993,792,093	
(12)	Combined Total (4+11)	$ 312,818,502,696	

*Additional individual annuity reserves of $995,470 and $1,000,000 are reported in General Account Exhibit 5 Section 7 (Miscellaneous Reserves) and Separate Account Exhibit 3 Section 5 (Miscellaneous Reserves) respectively, but are excluded from the prescribed disclosures above.

33. Analysis of Life Actuarial Reserves by Withdrawal Characteristics

	2025		
	Account Value	Cash Value	Reserve
A. General Account			
(1) Subject to discretionary withdrawal, surrender values, or policy loans:			
a. Term Policies with Cash Value	$ 27,238	$ 27,238	$ 242,029
b. Universal Life	2,024,869,080	2,024,887,811	2,065,307,851
c. Universal Life with Secondary Guarantees	—	—	—
d. Indexed Universal Life	—	—	—
e. Indexed Universal Life with Secondary Guarantees	—	—	—
f. Indexed Life	—	—	—
g. Other Permanent Cash Value Life Insurance	314,955,542	314,955,542	366,685,467
h. Variable Life	—	—	—
i. Variable Universal Life	363,115,381	362,773,895	375,109,886
j. Miscellaneous Reserves	—	—	—
(2) Not subject to discretionary withdrawal or no cash values:			
a. Term Policies without Cash Value	—	—	582,938,184
b. Accidental Death Benefits	—	—	—
c. Disability - Active Lives	—	—	13,319,707
d. Disability - Disabled Lives	—	—	69,840,284
e. Miscellaneous Reserves	—	—	34,840,860
(3) Total (gross: direct + assumed)	$ 2,702,967,241	$ 2,702,644,486	$ 3,508,284,268
(4) Reinsurance Ceded	—	—	405,797,252
(5) Total (net) (3) - (4)	$ 2,702,967,241	$ 2,702,644,486	$ 3,102,487,016

B. Separate Account with Guarantees

Not Applicable

NOTES TO FINANCIAL STATEMENTS

	2025		
	Account Value	Cash Value	Reserve
C. Separate Account Nonguaranteed			
(1) Subject to discretionary withdrawal, surrender values, or policy loans:			
a. Term Policies with Cash Value	$ —	$ —	$ —
b. Universal Life	—	—	—
c. Universal Life with Secondary Guarantees	—	—	—
d. Indexed Universal Life	—	—	—
e. Indexed Universal Life with Secondary Guarantees	—	—	—
f. Indexed Life	—	—	—
g. Other Permanent Cash Value Life Insurance	—	—	—
h. Variable Life	—	—	—
i. Variable Universal Life	995,330,879	994,442,904	994,442,904
j. Miscellaneous Reserves	—	—	—
(2) Not subject to discretionary withdrawal or no cash values:			
a. Term Policies with Cash Value	—	—	—
b. Accidental Death Benefits	—	—	—
c. Disability - Active Lives	—	—	—
d. Disability - Disabled Lives	—	—	—
e. Miscellaneous Reserves	—	—	—
(3) Total (direct + assumed)	$ 995,330,879	$ 994,442,904	$ 994,442,904
(4) Reinsurance Ceded	—	—	—
(5) Total (net) (3) - (4)	$ 995,330,879	$ 994,442,904	$ 994,442,904

D. Life & Accident & Health Annual Statement:		2025	
(1)	Exhibit 5, Life Insurance Section, Total (net)	$ 2,994,974,476	
(2)	Exhibit 5, Accidental Death Benefits Section, Total (net)	—	
(3)	Exhibit 5, Disability - Active Lives Section, Total (net)	13,319,707	
(4)	Exhibit 5, Disability - Disabled Lives Section, Total (net)	64,163,512	
(5)	Exhibit 5, Miscellaneous Reserves Section, Total (net)	30,029,320	*
(6)	Subtotal (1+2+3+4+5)	$ 3,102,487,015	
	Separate Accounts Annual Statement:		
(7)	Exhibit 3, Line 0199999, Column 2	994,442,905	
(8)	Exhibit 3, Line 0499999, Column 2	—	
(9)	Exhibit 3, Line 0599999, Column 2	—	
(10)	Subtotal (7+8+9)	$ 994,442,905	
(11)	Combined Total (6+10)	$ 4,096,929,920	

*Exhibit 5 Miscellaneous Reserves Section Total (Net) above excludes $995,470 of VM-21/NY Reg 213 annuity reserves. Exhibit 3, Line 0599999, Column 2 above excludes $1,000,000 of additional annuity reserves due to asset/liability analysis.

34. Premiums and Annuity Considerations Deferred and Uncollected

A. Deferred and uncollected life insurance premiums and annuity considerations as of December 31, 2025, were as follows:

	Type	Gross	Net of Loading
(1)	Industrial	$ —	$ —
(2)	Ordinary new business	—	—
(3)	Ordinary renewal	48,988,939	64,670,953
(4)	Credit Life		—
(5)	Group Life	—	—
(6)	Group Annuity	—	—
(7)	Total (1+2+3+4+5+6)	$ 48,988,939	$ 64,670,953

35. Separate Accounts

A. Separate Account Activity

(1) TIAA utilizes separate accounts to record and account for assets and liabilities for particular lines of business and/or transactions. For the current reporting year, TIAA reported separate account assets and liabilities for the following products: Variable Annuity, Fixed Annuity, Group Deferred Fixed Annuity, Variable Life, and Group Variable Life.

In accordance with the domiciliary state procedures for approving items within the separate account, the separate account classification of the following items are supported by a specific state statute:

NOTES TO FINANCIAL STATEMENTS

Product Identification	Product Classification	State Statute Reference
TIAA Separate Account VA-1	Variable Annuity	Section 4240 of the New York Insurance Law
TIAA Separate Account VA-2	Variable Annuity	Section 4240 of the New York Insurance Law
TIAA Separate Account VA-3	Variable Annuity	Section 4240 of the New York Insurance Law
TIAA Separate Account VA-5	Variable Annuity	Section 4240 of the New York Insurance Law
TIAA Stable Value	Group Deferred Fixed Annuity	Section 4240(a)(5)(ii) of the New York Insurance Law
TIAA Separate Account VLI-1	Variable Life	Section 4240 of the New York Insurance Law
TIAA Separate Account VLI-2	Variable Life	Section 4240 of the New York Insurance Law
TIAA Separate Account MVA-1	Fixed Annuity	Section 4240 of the New York Insurance Law

(2) In accordance with the products recorded within the separate account, some assets are considered legally insulated whereas others are not legally insulated from the general account. The legal insulation of the separate account assets prevents such assets from being generally available to satisfy claims resulting from the general account.

As of December 31, 2025, the Company's separate account statements included the following assets by product:

Product	Legally Insulated Assets	Separate Account Assets (Not Legally Insulated)
TIAA Separate Account VA-1	$ 1,376,361,959	$ —
TIAA Separate Account VA-2	24,762,310,967	—
TIAA Separate Account VA-3	23,266,007,751	—
TIAA Separate Account VA-5	4,301,257,109	—
TIAA Stable Value	3,404,978,665	—
TIAA Separate Account VLI-1	629,116,158	—
TIAA Separate Account VLI-2	366,043,267	—
TIAA MVA-1	—	28,034,541
Total	$ 58,106,075,876	$ 28,034,541

(3) In accordance with the products recorded within the separate account, some separate account liabilities are guaranteed by the general account. (In accordance with the guarantees provided, if the investment proceeds are insufficient to cover the rate of return guaranteed for the product, the policy holder proceeds will be remitted by the general account.)

As of December 31, 2025, the general account of TIAA had a maximum guarantee for separate account liabilities of $450,177. The amount paid for risk charges is not explicit, but rather embedded within the mortality and expense charge.

The Company provides mortality and expense guarantees to VA-1, for which it is compensated. The Company guarantees, at death, the total death benefit payable from the fixed and variable accounts will be at least a return of total premiums paid less any previous withdrawals. The Company also guarantees expense charges to VA-1 participants will never rise above the maximum amount stipulated in the contract. The Company provides mortality and expense guarantees to REA and VA-3 and is compensated for these guarantees. The Company guarantees once REA and VA-3 participants begin receiving lifetime annuity income benefits, monthly payments will never be reduced as a result of adverse mortality experience. The Company also guarantees expense charges to REA and VA-3 participants will never rise above the maximum amount stipulated in the contract.

As of December 31, 2025, the general account of TIAA received $2,047,708 from separate account guarantees. The total separate account guarantees paid (received) by the general account for the preceding four years ending at December 31, are as follows:

2024	$	(3,023,722)
2023	$	(3,192,375)
2022	$	(1,079,929)
2021	$	569,684

NOTES TO FINANCIAL STATEMENTS

The General Account provides the REA with a liquidity guarantee to ensure it has funds available to meet participant transfer or cash withdrawal requests. If the REA cannot fund contract owner requests, the General Account will fund them by purchasing accumulation units (also referred to as "liquidity units") in the REA. Under this agreement, TIAA guarantees that contract owners will be able to redeem their accumulation units at their accumulation unit value next determined after the transfer or withdrawal request is received in good order. To compensate the general account for the risk taken, the separate account paid liquidity charges as follows for the past five (5) years:

2025	$	63,462,892
2024	$	63,693,654
2023	$	73,866,562
2022	$	89,164,881
2021	$	69,095,532

Pursuant to the liquidity guarantee obligation, the TIAA General Account has purchased 1,851 thousand liquidity units issued by the REA for a total of $911 million since the liquidity guarantee was activated in 2023 and continues to hold these liquidity units as of December 31, 2025. The fair value of these liquidity units was $887 million as of December 31, 2025. Liquidity units owned by TIAA are valued in the same manner as accumulation units owned by individual REA contract owners on a fair value basis and will fluctuate in value.

Because TIAA's ability to purchase and sell liquidity units raises certain technical issues under the Employee Retirement Income Security Act of 1974, as amended ("ERISA"), TIAA applied for and received a prohibited transaction exemption from the U.S. Department of Labor in 1996 ("PTE 96-76"). In connection with the exemption, TIAA has appointed an independent fiduciary for the REA. The independent fiduciary reviews and approves the valuation of units in the REA as well as the account's investment guidelines and monitoring whether its investments comply with those guidelines. In addition, the independent fiduciary has certain responsibilities with respect to the REA whenever TIAA is required to purchase and own liquidity units in the Account in connection with operation of the REA's liquidity guarantee. The independent fiduciary is vested with oversight and approval over any redemption of TIAA's liquidity units (including setting the "trigger point" or maximum amount of liquidity units that can be acquired by TIAA), acting in the best interests of REA contract owners. To the extent liquidity units are held by the TIAA General Account, the independent fiduciary reserves the right to authorize or direct the redemption of all or a portion of liquidity units at any time, including when the trigger point is reached. Upon termination and liquidation of the REA (wind-up), any liquidity units held by TIAA will be the last units redeemed, unless the independent fiduciary directs otherwise.

(4) The Company engages in securities lending transactions through VA-1 and reverse repurchase agreements through TIAA Stable Value ("TSV") and REA. The Company's Separate Accounts policies and procedures for securities lending and reverse repurchase agreements are consistent with the Company's General Account.

The Company's Separate Accounts may lend securities to qualified institutional borrowers to earn additional income. The Separate Accounts 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 102% of the market value of loaned securities during the period of the loan. Cash collateral received by the Separate Accounts 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 Accounts bear the market risk with respect to the collateral investment, securities loaned, and the risk that the counterparty may default on its obligations.

As of December 31, 2025, VA-1 has loaned securities of $7,988,176 and collateral of $8,323,766. The collateral is inclusive of $3,974,552 of non-cash collateral (primarily common stocks). The fair value of the non-cash collateral is $3,974,552.

The Company's Separate Accounts have tri-party reverse repurchase agreements to purchase and resell short-term securities. The Separate Accounts receive securities as collateral, having a fair value at least equal to 102% of the purchase price paid by the Separate Accounts for the securities. If at any time the fair value of the collateral is less than 100% of the purchase price paid by the Separate Accounts, the counterparty shall be obligated to deliver additional collateral, the fair value of which, together with fair value of all collateral then held in connection with the transaction, at least equals 102% of the purchase price of the transferred securities. The Separate Accounts are not permitted to sell or repledge these securities. The collateral is not recorded on the Separate Accounts' financial statements. However, if the counterparty defaults, the Separate Accounts would then exercise its right with respect to the collateral, including a sale of the collateral. The Separate Accounts record the amount paid for these securities purchased under agreements to resell in short-term investments.

At December 31 2025, REA and TSV held $208,169,000 and $56,595,000, respectively, in short-term investments for reverse repurchase agreements.

(5) Not applicable

B. General Nature and Characteristics of Separate Accounts Business

Separate Accounts are established in conformity with insurance laws and are segregated from the Company's general account and are maintained for the benefit of separate account contract holders. Separate accounts are generally accounted for at fair value, except the Stable Value Separate Account ("TSV") products which are accounted for at book value.

TIAA Separate Account VA-1 is a segregated investment account and was established on February 16, 1994 under the insurance laws of the State of New York for the purpose of issuing and funding (after tax) variable annuity contracts primarily for employees of non-profit institutions organized in the United States, including governmental institutions. VA-1 is registered with the Securities and Exchange Commission, (the “Commission”) effective at November 1, 1994, as an open-end, diversified management investment company under the Investment Company Act of 1940. VA-1 consists of a single investment portfolio, the Stock Index Account (“SIA”). The SIA was established on October 3, 1994 and invests in a diversified portfolio of equity securities selected to track the overall market for common stocks publicly traded in the United States.

TIAA Separate Account VA-2 is a segregated investment account and was organized on February 22, 1995, under the insurance laws of the State of New York for the purpose of providing an investment option to TIAA’s pension customers to direct investments to an investment vehicle that invests primarily in real estate. VA-2 was registered with the Commission under the Securities Act of 1933 effective at October 2, 1995. VA-2’s target is to invest between 75% and 85% of its assets directly in real estate or in real estate-related investments, with the remainder of its assets invested in publicly-traded securities and other instruments that are easily converted to cash to maintain adequate liquidity. During 2025, REA's liquid assets have comprised less than 10% of its net assets, primarily due to continued elevated owner withdrawals driven by unfavorable market trends in the U.S. commercial real estate market, with elevated interest rates negatively impacting property values.

TIAA Separate Account VA-3 is a segregated investment account and was established on May 17, 2006 under the laws of the State of New York for the purposes of funding individual and group variable annuities for retirement plans of employees of colleges, universities, other educational and research organizations, and other governmental and non-profit institutions. VA-3 is registered with the Commission as an investment company under the Investment Company Act of 1940, effective at September 29, 2006, and operates as a unit investment trust.

TIAA Separate Account VA-5, formerly known as TIAA-CREF Life Separate Account VA-1, was established on July 27, 1998 under New York Law to fund individual non-qualified variable annuities. VA-5 is registered with the Commission as a unit investment trust under the Investment Company Act of 1940. The assets of this account are carried at market value.

TSV is an insulated, non-unitized separate account and was established on March 31, 2010 qualifying under New York Insurance Law 4240(a)(5)(ii). The Separate Account supports a flexible premium group deferred fixed annuity contract that is offered to employer sponsored retirement plans. The assets of this account are carried at book value as prescribed by the Department.

TIAA Separate Account VLI-1, formerly known as TIAA-CREF Life Separate Account VLI-1, is a unit investment trust and was organized on May 23, 2001, and established under New York Law for the purpose of issuing and funding flexible premium variable universal life insurance policies and is registered with the SEC. The assets of this account are carried at market value.

TIAA Separate Account VLI-2, formerly known as TIAA-CREF Life Separate Account VLI-2, is a unit investment trust and was organized on February 15, 2012, and established under New York Law for the purpose of issuing and funding group and individual variable life insurance policies and is registered with the SEC. The assets of this account are carried at market value.

TIAA Separate Account MVA-1, formerly known as TIAA-CREF Life Separate Account MVA-1, was established on July 23, 2008 under New York Law as a non-unitized Separate Account that will support flexible premium deferred fixed annuity contracts subject to withdrawal charges and a market value adjustment feature. The assets of this account are carried at market value. The contract supported by this separate account, TIAA Investment Horizon Annuity, is registered with the SEC.

NOTES TO FINANCIAL STATEMENTS

Information regarding the separate accounts of the Company is as follows:

		Index	Non-indexed Guarantee less than/equal to 4%	Non-indexed Guarantee more than 4%	Non-guaranteed Separate Accounts	Total
(1)	Premiums, considerations or deposits for the year ended 12/31/2025	$ —	$ 798,346,687	$ —	$ 4,937,961,504	$ 5,736,308,191
	Reserves 12/31/2025					
(2)	For accounts with assets at:					
	a. Fair value	$ —	$ 8,770,522	$ 6,021,975	$ 51,815,479,145	$51,830,271,642
	b. Amortized cost	—	3,158,963,356	—	—	3,158,963,356
	c. Total reserves* (a+b)	$ —	$ 3,167,733,878	$ 6,021,975	$ 51,815,479,145	$54,989,234,998
(3)	By withdrawal characteristics:					
a.	Subject to discretionary withdrawal:					
	1. With market value adjustment	$ —	$ 7,770,522	$ 6,021,975	$ —	$ 13,792,497
	2. At book value without market value adjustment and with current surrender charge of 5% or more	—	—	—	—	—
	3. At fair value	—	—	—	51,815,209,445	51,815,209,445
	4. At book value without market value adjustment and with current surrender charge of 5% or less**	—	3,158,963,356	—	269,700	3,159,233,056
	5. Subtotal (1+2+3+4)	$ —	$ 3,166,733,878	$ 6,021,975	$ 51,815,479,145	$54,988,234,998
b.	Not subject to discretionary withdrawal	—	1,000,000	—	—	1,000,000
c.	Total (a+b)	$ —	$ 3,167,733,878	$ 6,021,975	$ 51,815,479,145	$54,989,234,998
(4)	Reserves for Asset Default Risk in Lieu of AVR:	$ —	$ —	$ —	$ —	$ —

*Line 2(c) should equal Line 3(c)
**Withdrawable at book value without adjustment or charge

C. Reconciliation of Net Transfers To or (From) Separate Accounts:

		Legally Insulated	Not Legally Insulated	Total
(1)	Transfers as reported in the Summary of Operations of the Separate Accounts Statement:			
	a. Transfers to Separate Accounts (Page 4, Line 1.4)	$ 6,071,985,486	$ 1,065,920	$ 6,073,051,406
	b. Transfers from Separate Accounts (Page 4, Line 10)	7,365,280,046	1,928,233	7,367,208,279
	c. Net transfers to or (from) Separate Accounts (a) - (b)	$ (1,293,294,560)	$ (862,313)	$ (1,294,156,873)
(2)	Reconciling Adjustments:			
	Fund transfer exchange gain (loss)	367,468	—	367,468
(3)	Life, Accident & Health Annual Statement - (1c) + (2) = (Page 4, Line 26)	$ (1,292,927,092)	$ (862,313)	$ (1,293,789,405)

36. Loss/Claims Adjustment Expense

A. The Company has $0 liability for unpaid accident and health claim adjustment expenses as of December 31, 2025 and 2024.

B. The Company has not increased or decreased the provision for insured events of prior years.

C. The Company did not incur nor pay any claim adjustment expenses in the current year which was attributable to insured and covered events of prior years.

D. The Company took into account estimated anticipated salvage and subrogation in its determination of the liability for unpaid claims/losses or their associated adjusting expenses and reduced such liability by $0.

GENERAL INTERROGATORIES

PART 1 - COMMON INTERROGATORIES
GENERAL

1.1 Is the reporting entity a member of an Insurance Holding Company System consisting of two or more affiliated persons, one or more of which is an insurer? ..... Yes [X] No [ ]
If yes, complete Schedule Y, Parts 1, 1A, 2 and 3.

1.2 If yes, did the reporting entity register and file with its domiciliary State Insurance Commissioner, Director or Superintendent or with such regulatory official of the state of domicile of the principal insurer in the Holding Company System, a registration statement providing disclosure substantially similar to the standards adopted by the National Association of Insurance Commissioners (NAIC) in its Model Insurance Holding Company System Regulatory Act and model regulations pertaining thereto, or is the reporting entity subject to standards and disclosure requirements substantially similar to those required by such Act and regulations? ..... Yes [X] No [ ] N/A [ ]

1.3 State Regulating? ..... New York

1.4 Is the reporting entity publicly traded or a member of a publicly traded group? ..... Yes [ ] No [X]

1.5 If the response to 1.4 is yes, provide the CIK (Central Index Key) code issued by the SEC for the entity/group. .....

2.1 Has any change been made during the year of this statement in the charter, by-laws, articles of incorporation, or deed of settlement of the reporting entity? ..... Yes [ ] No [X]

2.2 If yes, date of change: .....

3.1 State as of what date the latest financial examination of the reporting entity was made or is being made. 12/31/2023

3.2 State the as of date that the latest financial examination report became available from either the state of domicile or the reporting entity. This date should be the date of the examined balance sheet and not the date the report was completed or released. 12/31/2023

3.3 State as of what date the latest financial examination report became available to other states or the public from either the state of domicile or the reporting entity. This is the release date or completion date of the examination report and not the date of the examination (balance sheet date). 06/18/2025

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

3.5 Have all financial statement adjustments within the latest financial examination report been accounted for in a subsequent financial statement filed with Departments? ..... Yes [ ] No [ ] N/A [X]

3.6 Have all of the recommendations within the latest financial examination report been complied with? ..... Yes [ ] No [ ] N/A [X]

4.1 During the period covered by this statement, did any agent, broker, sales representative, non-affiliated sales/service organization or any combination thereof under common control (other than salaried employees of the reporting entity) receive credit or commissions for or control a substantial part (more than 20 percent of any major line of business measured on direct premiums) of:
4.11 sales of new business? ..... Yes [ ] No [X]
4.12 renewals? ..... Yes [ ] No [X]

4.2 During the period covered by this statement, did any sales/service organization owned in whole or in part by the reporting entity or an affiliate, receive credit or commissions for or control a substantial part (more than 20 percent of any major line of business measured on direct premiums) of:
4.21 sales of new business? ..... Yes [ ] No [X]
4.22 renewals? ..... Yes [ ] No [X]

5.1 Has the reporting entity been a party to a merger or consolidation during the period covered by this statement? ..... Yes [X] No [ ]
If yes, complete and file the merger history data file with the NAIC.

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

1 Name of Entity	2 NAIC Company Code	3 State of Domicile
TIAA-CREF Life Insurance Company	60142	NY

6.1 Has the reporting entity had any Certificates of Authority, licenses or registrations (including corporate registration, if applicable) suspended or revoked by any governmental entity during the reporting period? ..... Yes [ ] No [X]

6.2 If yes, give full information
.....

7.1 Does any foreign (non-United States) person or entity directly or indirectly control 10% or more of the reporting entity? ..... Yes [ ] No [X]

7.2 If yes,
7.21 State the percentage of foreign control ..... %
7.22 State the nationality(s) of the foreign person(s) or entity(s); or if the entity is a mutual or reciprocal, the nationality of its manager or attorney-in-fact and identify the type of entity(s) (e.g., individual, corporation, government, manager or attorney-in-fact).

1 Nationality	2 Type of Entity

GENERAL INTERROGATORIES

8.1 Is the company a subsidiary of a depository institution holding company (DIHC) or a DIHC itself, regulated by the Federal Reserve Board? ..... Yes [ ] No [X]

8.2 If the response to 8.1 is yes, please identify the name of the DIHC.

.....

8.3 Is the company affiliated with one or more banks, thrifts or securities firms? ..... Yes [X] No [ ]

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

1 Affiliate Name	2 Location (City, State)	3 FRB	4 OCC	5 FDIC	6 SEC
TIAA-CREF Individual & Institutional Services, LLC	New York, NY				YES
Nuveen Securities, LLC	Chicago, IL				YES
TIAA Trust, N.A.	Charlotte, NC		YES		

8.5 Is the reporting entity a depository institution holding company with significant insurance operations as defined by the Board of Governors of Federal Reserve System or a subsidiary of the depository institution holding company? ..... Yes [ ] No [X]

8.6 If response to 8.5 is no, is the reporting entity a company or subsidiary of a company that has otherwise been made subject to the Federal Reserve Board's capital rule? ..... Yes [ ] No [X] N/A [ ]

9. What is the name and address of the independent certified public accountant or accounting firm retained to conduct the annual audit?

PricewaterhouseCoopers LLP, PricewaterhouseCoopers Center, 300 Madison Avenue, New York, NY 10017 .....

10.1 Has the insurer been granted any exemptions to the prohibited non-audit services provided by the certified independent public accountant requirements as allowed in Section 7H of the Annual Financial Reporting Model Regulation (Model Audit Rule), or substantially similar state law or regulation? ..... Yes [ ] No [X]

10.2 If the response to 10.1 is yes, provide information related to this exemption:

.....

10.3 Has the insurer been granted any exemptions related to the other requirements of the Annual Financial Reporting Model Regulation as allowed for in Section 18A of the Model Regulation, or substantially similar state law or regulation? ..... Yes [ ] No [X]

10.4 If the response to 10.3 is yes, provide information related to this exemption:

.....

10.5 Has the reporting entity established an Audit Committee in compliance with the domiciliary state insurance laws? ..... Yes [X] No [ ] N/A [ ]

10.6 If the response to 10.5 is no or n/a, please explain.

.....

11. What is the name, address and affiliation (officer/employee of the reporting entity or actuary/consultant associated with an actuarial consulting firm) of the individual providing the statement of actuarial opinion/certification?

Cheryl Basha (Officer/Employee), 730 Third Avenue, New York, NY 10017 .....

12.1 Does the reporting entity own any securities of a real estate holding company or otherwise hold real estate indirectly? ..... Yes [X] No [ ]

12.11 Name of real estate holding company ... Various

12.12 Number of parcels involved 303

12.13 Total book/adjusted carrying value ..... $ 4,834,090,436

12.2 If yes, provide explanation

The parcels reported above are owned through affiliated LLC and LP entities reported in Schedule BA.. .....

13. **FOR UNITED STATES BRANCHES OF ALIEN REPORTING ENTITIES ONLY:**

13.1 What changes have been made during the year in the United States manager or the United States trustees of the reporting entity?

.....

13.2 Does this statement contain all business transacted for the reporting entity through its United States Branch on risks wherever located? ..... Yes [ ] No [ ]

13.3 Have there been any changes made to any of the trust indentures during the year? ..... Yes [ ] No [ ]

13.4 If answer to (13.3) is yes, has the domiciliary or entry state approved the changes? ..... Yes [ ] No [ ] N/A [ ]

14.1 Are the senior officers (principal executive officer, principal financial officer, principal accounting officer or controller, or persons performing similar functions) of the reporting entity subject to a code of ethics, which includes the following standards? ..... Yes [X] No [ ]

a. Honest and ethical conduct, including the ethical handling of actual or apparent conflicts of interest between personal and professional relationships;

b. Full, fair, accurate, timely and understandable disclosure in the periodic reports required to be filed by the reporting entity;

c. Compliance with applicable governmental laws, rules and regulations;

d. The prompt internal reporting of violations to an appropriate person or persons identified in the code; and

e. Accountability for adherence to the code.

14.11 If the response to 14.1 is No, please explain:

.....

14.2 Has the code of ethics for senior managers been amended? ..... Yes [X] No [ ]

14.21 If the response to 14.2 is yes, provide information related to amendment(s).

The Code of Business Conduct was updated as of January 1, 2025, to shift employee responsibility to 'comply with laws and regulations' and to 'speak up and ask questions' to basic expectations rather than Code principles. Additionally, the principles 'be accountable' and 'use good judgment' were combined into a new principle 'act responsibly.' There were no changes to the expectations or requirements for employees. On August 11, 2025, a new Ethics Helpline provider was implemented, which precipitated additional administrative updates to the Code of Business Conduct. There were no changes to the expectations or requirements for employees. .....

14.3 Have any provisions of the code of ethics been waived for any of the specified officers? ..... Yes [ ] No [X]

14.31 If the response to 14.3 is yes, provide the nature of any waiver(s).

.....

GENERAL INTERROGATORIES

15.1 Is the reporting entity the beneficiary of a Letter of Credit that is unrelated to reinsurance where the issuing or confirming bank is not on the SVO Bank List? ..... Yes [ ] No [X]

15.2 If the response to 15.1 is yes, indicate the American Bankers Association (ABA) Routing Number and the name of the issuing or confirming bank of the Letter of Credit and describe the circumstances in which the Letter of Credit is triggered.

1 American Bankers Association (ABA) Routing Number	2 Issuing or Confirming Bank Name	3 Circumstances That Can Trigger the Letter of Credit	4 Amount
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....

BOARD OF DIRECTORS

16. Is the purchase or sale of all investments of the reporting entity passed upon either by the board of directors or a subordinate committee thereof? ..... Yes [X] No [ ]

17. Does the reporting entity keep a complete permanent record of the proceedings of its board of directors and all subordinate committees thereof? ..... Yes [X] No [ ]

18. Has the reporting entity an established procedure for disclosure to its board of directors or trustees of any material interest or affiliation on the part of any of its officers, directors, trustees or responsible employees that is in conflict or is likely to conflict with the official duties of such person? ..... Yes [X] No [ ]

FINANCIAL

19. Has this statement been prepared using a basis of accounting other than Statutory Accounting Principles (e.g., Generally Accepted Accounting Principles)? ..... Yes [ ] No [X]

20.1 Total amount loaned during the year (inclusive of Separate Accounts, exclusive of policy loans):
- 20.11 To directors or other officers ..... $ .....
- 20.12 To stockholders not officers ..... $ .....
- 20.13 Trustees, supreme or grand (Fraternal Only) ..... $ .....

20.2 Total amount of loans outstanding at the end of year (inclusive of Separate Accounts, exclusive of policy loans):
- 20.21 To directors or other officers ..... $ .....
- 20.22 To stockholders not officers ..... $ .....
- 20.23 Trustees, supreme or grand (Fraternal Only) ..... $ .....

21.1 Were any assets reported in this statement subject to a contractual obligation to transfer to another party without the liability for such obligation being reported in the statement? ..... Yes [ ] No [X]

21.2 If yes, state the amount thereof at December 31 of the current year:
- 21.21 Rented from others ..... $ .....
- 21.22 Borrowed from others ..... $ .....
- 21.23 Leased from others ..... $ .....
- 21.24 Other ..... $ .....

22.1 Does this statement include payments for assessments as described in the Annual Statement Instructions other than guaranty fund or guaranty association assessments? ..... Yes [ ] No [X]

22.2 If answer is yes:
- 22.21 Amount paid as losses or risk adjustment $ .....
- 22.22 Amount paid as expenses ..... $ .....
- 22.23 Other amounts paid ..... $ .....

23.1 Does the reporting entity report any amounts due from parent, subsidiaries or affiliates on Page 2 of this statement? ..... Yes [X] No [ ]

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

24.1 Does the insurer utilize third parties to pay agent commissions in which the amounts advanced by the third parties are not settled in full within 90 days? ..... Yes [ ] No [X]

24.2 If the response to 24.1 is yes, identify the third-party that pays the agents and whether they are a related party.

Name of Third-Party	Is the Third-Party Agent a Related Party (Yes/No)
.....	.....
.....	.....

INVESTMENT

25.01 Were all the stocks, bonds and other securities owned December 31 of current year, over which the reporting entity has exclusive control, in the actual possession of the reporting entity on said date? (other than securities lending programs addressed in 25.03) ..... Yes [X] No [ ]

GENERAL INTERROGATORIES

25.02 If no, give full and complete information, relating thereto

25.03 For securities lending programs, provide a description of the program including value for collateral and amount of loaned securities, and whether collateral is carried on or off-balance sheet. (an alternative is to reference Note 17 where this information is also provided)

25.04 For the reporting entity's securities lending program, report amount of collateral for conforming programs as outlined in the Risk-Based Capital Instructions. $ 2,474,463,663

25.05 For the reporting entity's securities lending program, report amount of collateral for other programs. $

25.06 Does your securities lending program require 102% (domestic securities) and 105% (foreign securities) from the counterparty at the outset of the contract? Yes [X] No [ ] N/A [ ]

25.07 Does the reporting entity non-admit when the collateral received from the counterparty falls below 100%? Yes [X] No [ ] N/A [ ]

25.08 Does the reporting entity or the reporting entity's securities lending agent utilize the Master Securities lending Agreement (MSLA) to conduct securities lending? Yes [X] No [ ] N/A [ ]

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

25.091	Total fair value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2	$ 2,474,463,663
25.092	Total book/adjusted carrying value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2	$ 2,474,463,663
25.093	Total payable for securities lending reported on the liability page	$ 2,474,463,663

26.1 Were any of the stocks, bonds or other assets of the reporting entity owned at December 31 of the current year not exclusively under the control of the reporting entity or has the reporting entity sold or transferred any assets subject to a put option contract that is currently in force? (Exclude securities subject to Interrogatory 21.1 and 25.03). Yes [X] No [ ]

26.2 If yes, state the amount thereof at December 31 of the current year:

26.21	Subject to repurchase agreements	$
26.22	Subject to reverse repurchase agreements	$ 22,500,000
26.23	Subject to dollar repurchase agreements	$
26.24	Subject to reverse dollar repurchase agreements	$
26.25	Placed under option agreements	$
26.26	Letter stock or securities restricted as to sale - excluding FHLB Capital Stock	$
26.27	FHLB Capital Stock	$ 375,300,500
26.28	On deposit with states	$ 19,132,262
26.29	On deposit with other regulatory bodies	$
26.30	Pledged as collateral - excluding collateral pledged to an FHLB	$ 2,060,589,954
26.31	Pledged as collateral to FHLB - including assets backing funding agreements	$ 8,804,240,451
26.32	Other	$

26.3 For category (26.26) provide the following:

1 Nature of Restriction	2 Description	3 Amount

27.1 Does the reporting entity have any hedging transactions reported on Schedule DB? Yes [X] No [ ]

27.2 If yes, has a comprehensive description of the hedging program been made available to the domiciliary state? Yes [X] No [ ] N/A [ ]
If no, attach a description with this statement.

LINES 27.3 through 27.5: FOR LIFE/FRATERNAL REPORTING ENTITIES ONLY:

27.3 Does the reporting entity utilize derivatives to hedge variable annuity guarantees subject to fluctuations as a result of interest rate sensitivity? Yes [ ] No [X]

27.4 If the response to 27.3 is YES, does the reporting entity utilize:

27.41	Special accounting provision of SSAP No. 108	Yes [ ] No [ ]
27.42	Permitted accounting practice	Yes [ ] No [ ]
27.43	Other accounting guidance	Yes [ ] No [ ]

27.5 By responding YES to 27.41 regarding utilizing the special accounting provisions of SSAP No. 108, the reporting entity attests to the following: Yes [ ] No [ ]

- The reporting entity has obtained explicit approval from the domiciliary state.
- Hedging strategy subject to the special accounting provisions is consistent with the requirements of VM-21.
- Actuarial certification has been obtained which indicates that the hedging strategy is incorporated within the establishment of VM-21 reserves and provides the impact of the hedging strategy within the Actuarial Guideline Conditional Tail Expectation Amount.
- Financial Officer Certification has been obtained which indicates that the hedging strategy meets the definition of a Clearly Defined Hedging Strategy within VM-21 and that the Clearly Defined Hedging Strategy is the hedging strategy being used by the company in its actual day-to-day risk mitigation efforts.

28.1 Were any preferred stocks or bonds owned as of December 31 of the current year mandatorily convertible into equity, or, at the option of the issuer, convertible into equity? Yes [ ] No [X]

28.2 If yes, state the amount thereof at December 31 of the current year. $

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

29.01 For agreements that comply with the requirements of the NAIC Financial Condition Examiners Handbook, complete the following:

1 Name of Custodian(s)	2 Custodian's Address
Citibank, N.A.	388 Greenwich Street 24th Floor New York, NY 10013
JP Morgan Chase Bank, N.A.	383 Madison Avenue, New York, NY 10017

GENERAL INTERROGATORIES

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

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

29.03 Have there been any changes, including name changes, in the custodian(s) identified in 29.01 during the current year?..... Yes [ ] No [X]

29.04 If yes, give full and complete information relating thereto:

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

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

1 Name of Firm or Individual	2 Affiliation
Churchill Asset Management LLC	A
Teachers Advisors, LLC	A
Nuveen Alternatives Advisors, LLC	A
Emily Wiener, Chief Investment Officer	I

29.0597 For those firms/individuals listed in the table for Question 29.05, do any firms/individuals unaffiliated with the reporting entity (i.e., designated with a "U") manage more than 10% of the reporting entity's invested assets?..... Yes [ ] No [ ] N/A [X]

29.0598 For firms/individuals unaffiliated with the reporting entity (i.e., designated with a "U") listed in the table for Question 29.05, does the total assets under management aggregate to more than 50% of the reporting entity's invested assets?..... Yes [ ] No [ ] N/A [X]

29.06 For those firms or individuals listed in the table for 29.05 with an affiliation code of "A" (affiliated) or "U" (unaffiliated), provide the information for the table below.

1 Central Registration Depository Number	2 Name of Firm or Individual	3 Registered With	4 Investment Management Agreement (IMA) Filed
107157	Teachers Advisors, LLC	Securities and Exchange Commission	DS
175092	Churchill Asset Management LLC	Securities and Exchange Commission	DS
160255	Nuveen Alternatives Advisors, LLC	Securities and Exchange Commission	DS

30.1 Does the reporting entity have any diversified mutual funds reported in Schedule D - Part 2 (diversified according to the Securities and Exchange Commission (SEC) in the Investment Company Act of 1940 [Section 5(b)(1)])? ..... Yes [ ] No [X]

30.2 If yes, complete the following schedule:

1 CUSIP #	2 Name of Mutual Fund	3 Book/Adjusted Carrying Value
30.2999 - Total		

30.3 For each mutual fund listed in the table above, complete the following schedule:

1 Name of Mutual Fund (from above table)	2 Name of Significant Holding of the Mutual Fund	3 Amount of Mutual Fund's Book/Adjusted Carrying Value Attributable to the Holding	4 Date of Valuation

GENERAL INTERROGATORIES

31. Provide the following information for all short-term and long-term bonds and all preferred stocks. Do not substitute amortized value or statement value for fair value.

	1 Statement (Admitted) Value	2 Fair Value	3 Excess of Statement over Fair Value (-), or Fair Value over Statement (+)
31.1 Issuer Credit Obligations	181,282,771,380	166,807,673,223	(14,475,098,157)
31.2 Asset-Backed Securities	42,009,784,022	40,736,927,812	(1,272,856,210)
31.3 Preferred stocks	907,645,848	877,265,848	(30,380,000)
31.4 Totals	224,200,201,250	208,421,866,884	(15,778,334,367)

31.5 Describe the sources or methods utilized in determining the fair values:

Fair values, obtained primarily from third party pricing vendors, are provided for all bonds. When fair values are not available from pricing vendors, other sources used include pricing models from third party vendors, broker quotes, or internally modeled prices. For Preferred Stock valuations are based principally on observable inputs including quoted prices in markets that are not considered active.

32.1 Was the rate used to calculate fair value determined by a broker or custodian for any of the securities in Schedule D? Yes [X] No [ ]

32.2 If the answer to 32.1 is yes, does the reporting entity have a copy of the broker's or custodian's pricing policy (hard copy or electronic copy) for all brokers or custodians used as a pricing source? Yes [ ] No [X]

32.3 If the answer to 32.2 is no, describe the reporting entity's process for determining a reliable pricing source for purposes of disclosure of fair value for Schedule D:

The Company typically requests broker quotes from primary market makers for the respective security. The broker providing the quote is usually the broker the Company uses to execute its trade for the respective security. The Company also conducts its own independent review of the quotes it receives to determine reasonableness. This review can include comparison to a secondary pricing source, comparison to similar or related securities, and period to period variance analysis relative to respective market movement.

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

33.2 If no, list exceptions:

At Dec 31, 2025, there were 241 bond instruments, 0 Preferred Stocks & 69 RSAT that did not meet the filing requirements of the Purposes and Procedures Manual of the National Association of Insurance Commissioners (NAIC) Investment Analysis Office. 246 instruments are pending submission to the Securities Valuation Office (SVO) and 64 instruments are pending submission to CUSIP Global Services. Exceptions totaled $6,897,033,831 or 2.78% of all long-term bonds, preferred stocks, and RSATs.

34. By self-designating 5GI securities, the reporting entity is certifying the following elements of each self-designated 5GI security:

a. Documentation necessary to permit a full credit analysis of the security does not exist or an NAIC CRP credit rating for an FE or PL security is not available.
b. Issuer or obligor is current on all contracted interest and principal payments.
c. The insurer has an actual expectation of ultimate payment of all contracted interest and principal.

Has the reporting entity self-designated 5GI securities? Yes [X] No [ ]

35. By self-designating PLGI securities, the reporting entity is certifying its compliance with the requirements as specified in the Purposes and Procedures Manual of the NAIC Investment Analysis Office (P&P Manual) for private letter rating (PLR) securities and the following elements of each self-designated PLGI security:

a. The security was either:
   i. issued prior to January 1, 2018 (which is exempt from PLR filing requirements pursuant to the P&P Manual), or
   ii. issued from January 1, 2018 to December 31, 2021 and subject to a confidentiality agreement executed prior to January 1, 2022 which confidentiality agreement remains in force, for which an insurance company cannot provide a copy of a private letter rating rationale report to the SVO due to confidentiality or other contractual reasons ("waived submission PLR securities").
b. The reporting entity is holding capital commensurate with the NAIC Designation and NAIC Designation Category reported for the security.
c. The NAIC Designation and NAIC Designation Category were derived from the credit rating assigned by an NAIC CRP in its legal capacity as a NRSRO which is shown on a current private letter rating, dated during the financial statement year, held by the insurer and available for examination by state insurance regulators.
d. Other than for waived submission PLR securities, defined above, on or after January 1, 2024 for any PLR securities issued on or after January 1, 2022, if the reporting entity is not permitted to share this private credit rating or the private rating letter rationale report of the PL security with the SVO, it certifies that it is reporting it as an NAIC 5.B GI and may not assign any other self-designation.

Has the reporting entity self-designated PLGI to securities, all of which meet the above requirement and as specified in the P&P Manual? Yes [ ] No [X]

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

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

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

37. By rolling/renewing short-term or cash equivalent investments with continued reporting on Schedule DA, Part 1 or Schedule E Part 2 (identified through a code (%) in those investment schedules), the reporting entity is certifying to the following:

a. The investment is a liquid asset that can be terminated by the reporting entity on the current maturity date.
b. If the investment is with a nonrelated party or nonaffiliate, then it reflects an arms-length transaction with renewal completed at the discretion of all involved parties.
c. If the investment is with a related party or affiliate, then the reporting entity has completed robust re-underwriting of the transaction for which documentation is available for regulator review.
d. Short-term and cash equivalent investments that have been renewed/rolled from the prior period that do not meet the criteria in 37.a - 37.c are reported as long-term investments.

Has the reporting entity rolled/renewed short-term or cash equivalent investments in accordance with these criteria? Yes [X] No [ ] N/A [ ]

GENERAL INTERROGATORIES

38.1 Does the reporting entity directly hold cryptocurrencies? ..... Yes [ ] No [X]

38.2 If the response to 38.1 is yes, on what schedule are they reported?

.....

39.1 Does the reporting entity directly or indirectly accept cryptocurrencies as payments for premiums on policies? ..... Yes [ ] No [X]

39.2 If the response to 39.1 is yes, are the cryptocurrencies held directly or are they immediately converted to U.S. dollars?

39.21 Held directly ..... Yes [ ] No [ ]

39.22 Immediately converted to U.S. dollars ..... Yes [ ] No [ ]

39.3 If the response to 38.1 or 39.1 is yes, list all cryptocurrencies accepted for payments of premiums or that are held directly.

1 Name of Cryptocurrency	2 Immediately Converted to USD, Directly Held, or Both	3 Accepted for Payment of Premiums
.....	.....	.....
.....	.....	.....

OTHER

40.1 Amount of payments to trade associations, service organizations and statistical or rating bureaus, if any? ..... $ 5,151,181

40.2 List the name of the organization and the amount paid if any such payment represented 25% or more of the total payments to trade associations, service organizations, and statistical or rating bureaus during the period covered by this statement.

1 Name	2 Amount Paid
American Council of Life Insurers	 1,789,998
.....	.....

41.1 Amount of payments for legal expenses, if any? ..... $ 29,881,277

41.2 List the name of the firm and the amount paid if any such payment represented 25% or more of the total payments for legal expenses during the period covered by this statement.

1 Name	2 Amount Paid
NONE	.....
.....	.....

42.1 Amount of payments for expenditures in connection with matters before legislative bodies, officers, or departments of government, if any? ..... $ 495,249

42.2 List the name of the firm and the amount paid if any such payment represented 25% or more of the total payment expenditures in connection with matters before legislative bodies, officers, or departments of government during the period covered by this statement.

1 Name	2 Amount Paid
American Council of Life Insurers	 185,265
The Business Roundtable	 135,000
.....	.....

GENERAL INTERROGATORIES

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

Life, Accident and Health Companies/Fraternal Benefit Societies:

1.1 Does the reporting entity have any direct Medicare Supplement Insurance in force? ..... Yes [ ] No [X]

1.2 If yes, indicate premium earned on U.S. business only. .....$ .....

1.3 What portion of Item (1.2) is not reported on the Medicare Supplement Insurance Experience Exhibit? .....$ .....

1.31 Reason for excluding:

.....

1.4 Indicate amount of earned premium attributable to Canadian and/or Other Alien not included in Item (1.2) above. .....$ .....

1.5 Indicate total incurred claims on all Medicare Supplement insurance. .....$ .....

1.6 Individual policies:

Most current three years:
1.61 Total premium earned .....$ .....
1.62 Total incurred claims .....$ .....
1.63 Number of covered lives ....

All years prior to most current three years:
1.64 Total premium earned .....$ .....
1.65 Total incurred claims .....$ .....
1.66 Number of covered lives ....

1.7 Group policies:

Most current three years:
1.71 Total premium earned .....$ .....
1.72 Total incurred claims .....$ .....
1.73 Number of covered lives ....

All years prior to most current three years:
1.74 Total premium earned .....$ .....
1.75 Total incurred claims .....$ .....
1.76 Number of covered lives ....

2. Health Test:

		1 Current Year	2 Prior Year
2.1	Premium Numerator	1,521	1,850
2.2	Premium Denominator	20,006,614,757	18,342,867,843
2.3	Premium Ratio (2.1/2.2)	0.000	0.000
2.4	Reserve Numerator	272	272
2.5	Reserve Denominator	244,215,357,042	238,811,492,729
2.6	Reserve Ratio (2.4/2.5)	0.000	0.000

3.1 Does this reporting entity have Separate Accounts? ..... Yes [X] No [ ]

3.2 If yes, has a Separate Accounts statement been filed with this Department? ..... Yes [X] No [ ] N/A [ ]

3.3 What portion of capital and surplus funds of the reporting entity covered by assets in the Separate Accounts statement, is not currently distributable from the Separate Accounts to the general account for use by the general account? .....$ 911,314,008

3.4 State the authority under which Separate Accounts are maintained:
Section 4240 of the New York Insurance Law .....

3.5 Was any of the reporting entity's Separate Accounts business reinsured as of December 31? ..... Yes [X] No [ ]

3.6 Has the reporting entity assumed by reinsurance any Separate Accounts business as of December 31? ..... Yes [ ] No [X]

3.7 If the reporting entity has assumed Separate Accounts business, how much, if any, reinsurance assumed receivable for reinsurance of Separate Accounts reserve expense allowances is included as a negative amount in the liability for "Transfers to Separate Accounts due or accrued (net)"? .....$ .....

4. For reporting entities having sold annuities to another insurer where the insurer purchasing the annuities has obtained a release of liability from the claimant (payee) as the result of the purchase of an annuity from the reporting entity only:

4.1 Amount of loss reserves established by these annuities during the current year: .....$ _____

4.2 List the name and location of the insurance company purchasing the annuities and the statement value on the purchase date of the annuities.

1 P&C Insurance Company And Location	2 Statement Value on Purchase Date of Annuities (i.e., Present Value)
.....	.....
.....	.....

GENERAL INTERROGATORIES

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

5.1 Do you act as a custodian for health savings accounts? ..... Yes [ ] No [X]

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

5.3 Do you act as an administrator for health savings accounts? ..... Yes [ ] No [X]

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

6.1 Are any of the captive affiliates reported on Schedule S, Part 3, authorized reinsurers? ..... Yes [ ] No [ ] N/A [X]

6.2 If the answer to 6.1 is yes, please provide the following:

1	2	3	4	Assets Supporting Reserve Credit		
				5	6	7
Company Name	NAIC Company Code	Domiciliary Jurisdiction	Reserve Credit	Letters of Credit	Trust Agreements	Other
.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....

7. Provide the following for individual ordinary life insurance* policies (U.S. business only) for the current year (prior to reinsurance assumed or ceded).

7.1 Direct Premium Written ..... $ 243,414,837
7.2 Total Incurred Claims ..... $ 26,338,593
7.3 Number of Covered Lives 83,245

*Ordinary Life Insurance Includes
Term (whether full underwriting, limited underwriting, jet issue, "short form app")
Whole Life (whether full underwriting, limited underwriting, jet issue, "short form app")
Variable Life (with or without secondary guarantee)
Universal Life (with or without secondary guarantee)
Variable Universal Life (with or without secondary guarantee)

8. Is the reporting entity licensed or chartered, registered, qualified, eligible or writing business in at least two states? ..... Yes [X] No [ ]

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

9. Reporting entities admitting net negative (disallowed) interest maintenance reserve (IMR) attest to the following:

a. Fixed income investments generating IMR losses comply with the reporting entity's documented investment or liability management policies.

b. IMR losses for fixed income related derivatives are all in accordance with prudent and documented risk management procedures, in accordance with a reporting entity's derivative use plans and reflect symmetry with historical treatment in which unrealized derivative gains were reversed to IMR and amortized in lieu of being recognized as realized gains upon derivative termination.

c. Any deviation to (a) was either because of a temporary and transitory timing issue or related to a specific event, such as a reinsurance transaction, that mechanically made the cause of IMR losses not reflective of reinvestment activities.

d. Asset sales that were generating admitted negative IMR were not compelled by liquidity pressures (e.g., to fund significant cash outflows including, but not limited to excess withdrawals and collateral calls).

Is the reporting entity admitting net negative (disallowed) IMR in accordance with these criteria? ..... Yes [ ] No [X] N/A [ ]

10. Provide the current-year amounts at risk for the following categories.

Individual and Industrial Life	Amount at Risk
10.01 Modified Coinsurance Assumed Reserves	$ .....
10.02 Modified Coinsurance Ceded Reserves	$ 105,646,055

Individual and Industrial Life Policies With Pricing Flexibility	Amount at Risk
10.03 Net Amount (Direct + Assumed - Ceded) in Force	$ .....
10.04 Exhibit 5 Life Reserves (Direct + Assumed – Ceded)	$ .....
10.05 Separate Account Exhibit 3 Life Reserves (Direct + Assumed – Ceded)	$ .....
10.06 Net Modified Coinsurance Reserves (Assumed – Ceded)	$ .....
10.07 Life Reserves (10.04 + 10.05 + 10.06)	$ .....
10.08 Life Net Amount at Risk (10.03 - 10.07)	$ .....

Individual and Industrial Term Life Policies Without Pricing Flexibility	Amount at Risk
10.09 Net Amount (Direct + Assumed - Ceded) in Force	$ 11,897,195,913
10.10 Exhibit 5 Life Reserves (Direct + Assumed – Ceded)	$ 190,286,047
10.11 Separate Account Exhibit 3 Life Reserves (Direct + Assumed – Ceded)	$ .....
10.12 Net Modified Coinsurance Reserves (Assumed – Ceded)	$ .....
10.13 Life Reserves (10.10 + 10.11 + 10.12)	$ 190,286,047
10.14 Life Net Amount at Risk (10.09 - 10.13)	$ 11,706,909,866

GENERAL INTERROGATORIES

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

	Group and Credit Life (Excluding FEGLI/SGLI)	Amount at Risk
10.15	Modified Coinsurance Assumed Reserves	$
10.16	Modified Coinsurance Ceded Reserves	$ 300,153,920

	Group and Credit Term Life (Excluding FEGLI/SGLI) with Remaining Rate Terms 36 Months and Under	Amount of Risk
10.17	Net Amount (Direct + Assumed - Ceded) in Force	$
10.18	Exhibit 5 Life Reserves (Direct + Assumed – Ceded)	$
10.19	Separate Account Exhibit 3 Life Reserves (Direct + Assumed – Ceded)	$
10.20	Net Modified Coinsurance Reserves (Assumed – Ceded)	$
10.21	Life Reserves (10.18 + 10.19 + 10.20)	$
10.22	Life Net Amount at Risk (10.17 - 10.21)	$

	Group and Credit Term Life (Excluding FEGLI/SGLI) with Remaining Rate Terms Over 36 Months	Amount of Risk
10.23	Net Amount (Direct + Assumed - Ceded) in Force	$
10.24	Exhibit 5 Life Reserves (Direct + Assumed – Ceded)	$
10.25	Separate Account Exhibit 3 Life Reserves (Direct + Assumed – Ceded)	$
10.26	Net Modified Coinsurance Reserves (Assumed – Ceded)	$
10.27	Life Reserves (10.24 + 10.25 + 10.26)	$
10.28	Life Net Amount at Risk (10.23 - 10.27)	$

	Group and Credit Permanent Life (Excluding FEGLI/SGLI) with Pricing Flexibility	Amount of Risk
10.29	Net Amount (Direct + Assumed - Ceded) in Force	$
10.30	Exhibit 5 Life Reserves (Direct + Assumed – Ceded)	$
10.31	Separate Account Exhibit 3 Life Reserves (Direct + Assumed – Ceded)	$
10.32	Net Modified Coinsurance Reserves (Assumed – Ceded)	$
10.33	Life Reserves (10.30 + 10.31 + 10.32)	$
10.34	Life Net Amount at Risk (10.29 - 10.33)	$

Life, Accident and Health Companies Only:

11.1 Are personnel or facilities of this reporting entity used by another entity or entities or are personnel or facilities of another entity or entities used by this reporting entity (except for activities such as administration of jointly underwritten group contracts and joint mortality or morbidity studies)? ..... Yes [X] No [ ]

11.2 Net reimbursement of such expenses between reporting entities:

11.21 Paid ..... $ 41,997,596
11.22 Received ..... $ 1,092,765,229

12.1 Does the reporting entity write any guaranteed interest contracts? ..... Yes [X] No [ ]

12.2 If yes, what amount pertaining to these lines is included in:

12.21 Page 3, Line 1 ..... $
12.22 Page 4, Line 1 ..... $

13. For stock reporting entities only:

13.1 Total amount paid in by stockholders as surplus funds since organization of the reporting entity: ..... $ 550,000

14.1 Does the reporting entity reinsure any Workers' Compensation Carve-Out business defined as: ..... Yes [ ] No [X]
Reinsurance (including retrocessional reinsurance) assumed by life and health insurers of medical, wage loss and death benefits of the occupational illness and accident exposures, but not the employers liability exposures, of business originally written as workers' compensation insurance.

14.2 If yes, has the reporting entity completed the Workers' Compensation Carve-Out Supplement to the Annual Statement? ..... Yes [ ] No [ ]

14.3 If 14.1 is yes, the amounts of earned premiums and claims incurred in this statement are:

		1 Reinsurance Assumed	2 Reinsurance Ceded	3 Net Retained
14.31	Earned premium			
14.32	Paid claims			
14.33	Claim liability and reserve (beginning of year)			
14.34	Claim liability and reserve (end of year)			
14.35	Incurred claims			

GENERAL INTERROGATORIES

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

14.4 If reinsurance assumed included amounts with attachment points below $1,000,000, the distribution of the amounts reported in Lines 14.31 and 14.34 for Column (1) are:

	Attachment Point	1 Earned Premium	2 Claim Liability and Reserve
14.41	<$25,000		
14.42	$25,000 - 99,999		
14.43	$100,000 - 249,999		
14.44	$250,000 - 999,999		
14.45	$1,000,000 or more		

14.5 What portion of earned premium reported in 14.31, Column 1 was assumed from pools? ..... $ .....

Fraternal Benefit Societies Only:

15. Is the reporting entity organized and conducted on the lodge system, with ritualistic form of work and representative form of government? ..... Yes [ ] No [ ]
16. How often are meetings of the subordinate branches required to be held?
.....
17. How are the subordinate branches represented in the supreme or governing body?
.....
18. What is the basis of representation in the governing body?
.....
19.1 How often are regular meetings of the governing body held?
.....
19.2 When was the last regular meeting of the governing body held? .....
19.3 When and where will the next regular or special meeting of the governing body be held?
.....
19.4 How many members of the governing body attended the last regular meeting? .....
19.5 How many of the same were delegates of the subordinate branches? .....
20. How are the expenses of the governing body defrayed?
.....
21. When and by whom are the officers and directors elected?
.....
22. What are the qualifications for membership?
.....
23. What are the limiting ages for admission?
.....
24. What is the minimum and maximum insurance that may be issued on any one life?
.....
25. Is a medical examination required before issuing a benefit certificate to applicants? ..... Yes [ ] No [ ]
26. Are applicants admitted to membership without filing an application with and becoming a member of a local branch by ballot and initiation? ..... Yes [ ] No [ ]
27.1 Are notices of the payments required sent to the members? ..... Yes [ ] No [ ] N/A [ ]
27.2 If yes, do the notices state the purpose for which the money is to be used? ..... Yes [ ] No [ ]
28. What proportion of first and subsequent year's payments may be used for management expenses?
28.11 First Year ..... %
28.12 Subsequent Years ..... %
29.1 Is any part of the mortuary, disability, emergency or reserve fund, or the accretions from or payments for the same, used for expenses? ..... Yes [ ] No [ ]
29.2 If so, what amount and for what purpose? ..... $ .....
.....
30.1 Does the reporting entity pay an old age disability benefit? ..... Yes [ ] No [ ]
30.2 If yes, at what age does the benefit commence? .....
31.1 Has the constitution or have the laws of the reporting entity been amended during the year? ..... Yes [ ] No [ ]
31.2 If yes, when?
.....
32. Have you filed with this Department all forms of benefit certificates issued, a copy of the constitution and all of the laws, rules and regulations in force at the present time? ..... Yes [ ] No [ ]
33.1 State whether all or a portion of the regular insurance contributions were waived during the current year under premium-paying certificates on account of meeting attained age or membership requirements? ..... Yes [ ] No [ ]
33.2 If so, was an additional reserve included in Exhibit 5? ..... Yes [ ] No [ ] N/A [ ]
33.3 If yes, explain
.....
34.1 Has the reporting entity reinsured, amalgamated with, or absorbed any company, order, society, or association during the year? ..... Yes [ ] No [ ]
34.2 If yes, was there any contract agreement, or understanding, written or oral, expressed or implied, by means of which any officer, director, trustee, or any other person, or firm, corporation, society or association, received or is to receive any fee, commission, emolument, or compensation of any nature whatsoever in connection with, on an account of such reinsurance, amalgamation, absorption, or transfer of membership or funds? ..... Yes [ ] No [ ] N/A [ ]
35. Has any present or former officer, director, trustee, incorporator, or any other persons, or any firm, corporation, society or association, any claims of any nature whatsoever against this reporting entity, which is not included in the liabilities on Page 3 of this statement? ..... Yes [ ] No [ ]
36.1 Does the reporting entity have outstanding assessments in the form of liens against policy benefits that have increased surplus? ..... Yes [ ] No [ ]
36.2 If yes, what is the date of the original lien and the total outstanding balance of liens that remain in surplus?

Date	Outstanding Lien Amount
Total	.....

FIVE-YEAR HISTORICAL DATA

Show amounts in whole dollars only, no cents; show percentages to one decimal place, i.e. 17.6.
$000 omitted for amounts of life insurance

		1 2025	2 2024	3 2023	4 2022	5 2021
	Life Insurance in Force					
	(Exhibit of Life Insurance)					
1.	Ordinary - whole life and endowment (Line 34, Col. 4)	10,510,527	10,863,312	871,171	900,602	916,297
2.	Ordinary - term (Line 21, Col. 4, less Line 34, Col. 4)	30,686,698	34,312,535	5,516,937	6,370,106	7,326,588
3.	Credit life (Line 21, Col. 6)					
4.	Group, excluding FEGLI/SGLI (Line 21, Col. 9 less Lines 43 & 44, Col. 4)	5,901,696	5,997,379	12,762	15,180	19,997
5.	Industrial (Line 21, Col. 2)					
6.	FEGLI/SGLI (Lines 43 & 44, Col. 4)					
7.	Total (Line 21, Col. 10)	47,098,922	51,173,226	6,400,870	7,285,888	8,262,882
7.1	Total in force for which VM-20 deterministic/stochastic reserves are calculated					
	New Business Issued					
	(Exhibit of Life Insurance)					
8.	Ordinary - whole life and endowment (Line 34, Col. 2)	38,913	20,624	17,184	26,500	23,418
9.	Ordinary - term (Line 2, Col. 4, less Line 34, Col. 2)					
10.	Credit life (Line 2, Col. 6)					
11.	Group (Line 2, Col. 9)					
12.	Industrial (Line 2, Col. 2)					
13.	Total (Line 2, Col. 10)	38,913	20,624	17,184	26,500	23,418
	Premium Income - Lines of Business					
	(Exhibit 1 - Part 1)					
14.	Individual life (Line 20.4, Col. 2)	193,797,626	217,611,204	154,252,182	170,327,811	186,988,411
15.	Group life (Line 20.4, Col. 3)	21,695,901	22,412,092			
16.	Individual annuities (Line 20.4, Col. 4)	6,350,068,007	5,752,820,313	5,853,245,101	5,577,161,233	5,344,893,315
17.	Group annuities (Line 20.4, Col. 5)	13,441,051,702	12,350,022,385	11,275,251,270	9,608,661,366	8,240,648,164
18.	Accident & Health (Line 20.4, Col. 6)	1,521	1,850	1,663	1,785	1,785
19.	Other lines of business (Line 20.4, Col. 8)					
20.	Total	20,006,614,757	18,342,867,843	17,282,750,216	15,356,152,195	13,772,531,674
	Balance Sheet (Pages 2 & 3)					
21.	Total admitted assets excluding Separate Accounts business (Page 2, Line 26, Col. 3)	322,227,975,734	314,682,732,460	298,878,668,116	298,175,199,911	292,177,879,847
22.	Total liabilities excluding Separate Accounts business (Page 3, Line 26)	281,687,487,264	274,695,091,736	257,530,303,554	255,588,912,376	249,308,159,286
23.	Aggregate life reserves (Page 3, Line 1)	242,904,907,056	237,691,947,868	230,410,195,191	226,339,978,220	223,371,004,305
23.1	Excess VM-20 deterministic/stochastic reserve over NPR related to Line 7.1					
24.	Aggregate A & H reserves (Page 3, Line 2)	1,147	1,147	1,147	1,345	1,345
25.	Deposit-type contract funds (Page 3, Line 3)	19,023,286,033	18,287,725,738	8,499,228,645	8,293,741,620	3,354,972,955
26.	Asset valuation reserve (Page 3, Line 24.01)	6,358,425,759	6,171,939,667	6,783,050,911	6,568,956,383	8,344,664,707
27.	Capital (Page 3, Lines 29 and 30)	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
28.	Surplus (Page 3, Line 37)	41,670,387,170	41,047,460,096	42,108,572,695	42,719,301,850	42,970,180,321
	Cash Flow (Page 5)					
29.	Net Cash from Operations (Line 11)	7,902,842,954	4,776,381,918	4,401,536,049	4,930,505,282	3,748,844,355
	Risk-Based Capital Analysis					
30.	Total adjusted capital	49,184,067,786	48,375,108,424	50,159,438,738	50,500,026,217	52,382,718,924
31.	Authorized control level risk - based capital	4,915,769,096	4,991,447,362	4,943,127,979	4,658,924,873	4,657,253,102
	Percentage Distribution of Cash, Cash Equivalents and Invested Assets (Page 2, Col. 3) (Line No. /Page 2, Line 12, Col. 3) x 100.0					
32.	Bonds (Line 1)	70.5	69.0	67.9	68.8	68.8
33.	Stocks (Lines 2.1 and 2.2)	1.5	1.1	1.3	2.7	3.5
34.	Mortgage loans on real estate(Lines 3.1 and 3.2)	11.6	12.3	14.0	12.8	12.8
35.	Real estate (Lines 4.1, 4.2 and 4.3)	1.1	1.1	1.3	1.3	1.3
36.	Cash, cash equivalents and short-term investments (Line 5)	0.2	1.1	0.2	0.4	0.2
37.	Contract loans (Line 6)	0.1	0.1	0.2	0.2	0.4
38.	Derivatives (Page 2, Line 7)	0.5	0.6	0.5	0.7	0.4
39.	Other invested assets (Line 8)	13.7	13.9	14.4	12.4	11.8
40.	Receivables for securities (Line 9)	0.1	0.1	0.1	0.2	0.1
41.	Securities lending reinvested collateral assets (Line 10)	0.8	0.4	0.2	0.5	0.8
42.	Aggregate write-ins for invested assets (Line 11)	0.0				
43.	Cash, cash equivalents and invested assets (Line 12)	100.0	100.0	100.0	100.0	100.0
	Investments in Parent, Subsidiaries and Affiliates					
44.	Affiliated bonds (Schedule D Summary, Line 9 + 15, Col. 1)	266,107,022	154,649,238	154,649,238		295,342,621
45.	Affiliated preferred stocks (Schedule D Summary, Line 22, Col. 1)					
46.	Affiliated common stocks (Schedule D Summary Line 28, Col. 1),	238,475,398	206,417,987	1,020,246,451	2,934,916,469	5,179,399,188
47.	Affiliated mortgage loans on real estate					
48.	All other affiliated	26,925,226,947	27,878,288,143	28,710,408,015	24,549,621,563	23,312,076,002
49.	Total of above Lines 44 to 48	27,429,809,367	28,239,355,368	29,885,303,704	27,484,538,032	28,786,817,811
50.	Total Investment in Parent included in Lines 44 to 48 above					

FIVE-YEAR HISTORICAL DATA

(Continued)

		1 2025	2 2024	3 2023	4 2022	5 2021
	Total Nonadmitted and Admitted Assets					
51.	Total nonadmitted assets (Page 2, Line 28, Col. 2)	5,403,490,223	5,250,720,018	4,565,314,403	4,094,989,735	2,806,529,470
52.	Total admitted assets (Page 2, Line 28, Col. 3)	380,362,086,151	367,976,875,932	346,503,509,081	348,557,440,605	343,432,408,439
	Investment Data					
53.	Net investment income (Exhibit of Net Investment Income)	14,460,486,735	13,723,102,485	12,889,636,297	12,471,693,802	13,128,006,599
54.	Realized capital gains (losses) (Page 4, Line 34, Column 1)	(2,509,889,565)	(2,677,937,212)	(1,690,318,138)	(2,614,140,878)	(351,686,563)
55.	Unrealized capital gains (losses) (Page 4, Line 38, Column 1)	727,098,072	125,967,982	161,499,761	(613,438,302)	1,637,008,872
56.	Total of above Lines 53, 54 and 55	12,677,695,242	11,171,133,255	11,360,817,919	9,244,114,622	14,413,328,908
	Benefits and Reserve Increases (Page 6)					
57.	Total contract/certificate benefits - life (Lines 10, 11, 12, 13, 14 and 15, Col. 1 minus Lines 10, 11,12, 13, 14 and 15, Cols. 6, 7 and 8)	25,975,977,437	25,297,829,517	26,465,507,404	21,343,812,728	19,717,860,943
58.	Total contract/certificate benefits - A & H (Lines 13 & 14, Col. 6)	943	1,645	2,828	2,567	4,631
59.	Increase in life reserves - other than group and annuities (Line 19, Col. 2)	(4,096,377)	(39,290,072)	(9,173,882)	1,601,896	(10,494,810)
60.	Increase in A & H reserves (Line 19, Col. 6)			(198)		
61.	Dividends to policyholders and refunds to members (Line 30, Col. 1)	4,328,870,786	4,660,916,642	5,099,945,441	4,140,797,351	2,758,440,782
	Operating Percentages					
62.	Insurance expense percent (Page 6, Col. 1, Lines 21, 22 & 23, less Line 6)/(Page 6, Col. 1, Line 1 plus Exhibit 7, Col. 2, Line 2) x 100.0	6.3	7.8	8.5	7.9	8.9
63.	Lapse percent (ordinary only) [(Exhibit of Life Insurance, Col. 4, Lines 14 & 15) / 1/2 (Exhibit of Life Insurance, Col. 4, Lines 1 & 21)] x 100.0	5.0	5.3	8.2	7.5	7.0
64.	A & H loss percent (Schedule H, Part 1, Lines 5 and 6, Col. 2)	62.0	88.9	156.6	143.8	259.4
65.	A & H cost containment percent (Schedule H, Pt. 1, Line 4, Col. 2)					
66.	A & H expense percent excluding cost containment expenses (Schedule H, Pt. 1, Line 10, Col. 2)	(79,906.0)	2,979.4	70,035.3	1,646.6	5,349.9
	A & H Claim Reserve Adequacy					
67.	Incurred losses on prior years' claims - comprehensive group health (Sch. H, Part 3, Line 3.1 Col. 3)					XXX
68.	Prior years' claim liability and reserve - comprehensive group health (Sch. H, Part 3, Line 3.2 Col. 3)					XXX
69.	Incurred losses on prior years' claims-health other than comprehensive group health (Sch. H, Part 3, Line 3.1 Col. 1 less Col. 3)					XXX
70.	Prior years' claim liability and reserve-health other than comprehensive group health (Sch. H, Part 3, Line 3.2 Col. 1 less Col. 3)	875	875	1,029	1,029	XXX
	Net Gains From Operations After Dividends to Policyholders, Refunds to Members, Federal Income Taxes and Before Realized Capital Gains or (Losses) by Lines of Business (Page 6.x, Line 33)					
71.	Individual industrial life (Page 6.1, Col. 2)					
72.	Individual whole life (Page 6.1, Col. 3)	(3,994,941)	(168,502)	675,965	3,334,193	6,620,926
73.	Individual term life (Page 6.1, Col. 4)	36,226,456	49,158,084	32,012,968	24,162,872	44,472,182
74.	Individual indexed life (Page 6.1, Col. 5)					
75.	Individual universal life (Page 6.1, Col. 6)	45,358,266	23,131,696			
76.	Individual universal life with secondary guarantees (Page 6.1, Col. 7)					
77.	Individual variable life (Page 6.1, Col. 8)					
78.	Individual variable universal life (Page 6.1, Col. 9)	4,163,244	6,347,391			
79.	Individual credit life (Page 6.1, Col. 10)					
80.	Individual other life (Page 6.1, Col. 11)					
81.	Individual YRT mortality risk only (Page 6.1, Col. 12)					
82.	Group whole life (Page 6.2, Col. 2)					
83.	Group term life (Page 6.2, Col. 3)					
84.	Group universal life (Page 6.2, Col. 4)	6,457,495	1,722,643			
85.	Group variable life (Page 6.2, Col. 5)					
86.	Group variable universal life (Page 6.2, Col. 6)	6,410,608	6,668,850			
87.	Group credit life (Page 6.2, Col. 7)					
88.	Group other life (Page 6.2, Col. 8)					
89.	Group YRT mortality risk only (Page 6.2, Col. 9)					
90.	Individual deferred fixed annuities (Page 6.3, Col. 2)	187,516,988	148,374,316	113,691,284	148,472,851	259,372,445
91.	Individual deferred indexed annuities (Page 6.3, Col. 3)					
92.	Individual deferred variable annuities with guarantees (Page 6.3, Col. 4)	1,353,356,778	1,048,428,477	706,247,832	1,569,371,899	3,055,387,603
93.	Individual deferred variable annuities without guarantees (Page 6.3, Col. 5)		(13,967)	(10,056)	(15,567)	(139,929)
94.	Individual life contingent payout (immediate and annuitization) (Page 6.3, Col. 6)	(112,298,479)	(565,461,279)	(523,428,472)	(624,377,411)	(471,868,987)
95.	Individual other annuities (Page 6.3, Col. 7)	50,335,027	58,165,053	55,581,512	54,661,492	55,171,155
96.	Group deferred fixed annuities (Page 6.4, Col. 2)	99,760,541	70,031,274	82,672,218	113,423,627	78,054,220
97.	Group deferred indexed annuities (Page 6.4, Col. 3)					
98.	Group deferred variable annuities with guarantees (Page 6.4, Col. 4)	660,735,991	630,020,037	550,456,378	914,756,583	1,193,399,346
99.	Group deferred variable annuities without guarantees (Page 6.4, Col. 5)					
100.	Group life contingent payout (immediate and annuitization) (Page 6.4, Col. 6)					
101.	Group other annuities (Page 6.4, Col. 7)	12,976,810	(11,976,154)	(825,707)	1,412,413	1,846,796
102.	A & H-comprehensive individual (Page 6.5, Col. 2)	577	226	(973)	(812)	(3,037)
103.	A & H-comprehensive group (Page 6.5, Col. 3)					
104.	A & H-Medicare supplement (Page 6.5, Col. 4)					
105.	A & H-vision only (Page 6.5, Col. 5)					
106.	A & H-dental only (Page 6.5, Col. 6)					
107.	A & H-Federal employees health benefits plan (Page 6.5, Col. 7)					
108.	A & H-Title XVIII Medicare (Page 6.5, Col. 8)					
109.	A & H-Title XIX Medicaid (Page 6.5, Col. 9)					
110.	A & H-credit (Page 6.5, Col. 10)					
111.	A & H-disability income (Page 6.5, Col. 11)					
112.	A & H-long-term care (Page 6.5, Col. 12)	1,213,238	(55,117)	(1,202,374)	(30,502)	(101,903)
113.	A & H-other (Page 6.5, Col. 13)		(171,376)	157,945	1,150,302	1,433,113
114.	Aggregate of all other lines of business (Page 6, Col. 8)					
115.	Fraternal (Page 6, Col. 7)					
116.	Total (Page 6, Col. 1)	2,348,218,598	1,464,201,652	1,016,028,513	2,206,321,942	4,223,643,933

NOTE: If a party to a merger, have the two most recent years of this exhibit been restated due to a merger in compliance with the disclosure requirements of SSAP No. 3, Accounting Changes and Correction of Errors? ..... Yes [ ] No [X]

If no, please explain: Risk-Based Capital and Total Adjusted Capital are not restated. .....

LIFE INSURANCE (STATE PAGE)[b]

NAIC Group Code 1216 BUSINESS IN THE STATE OF Grand Total DURING THE YEAR 2025 NAIC Company Code 69345

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members: 3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other	7 Total (Col. 3+4+5+6)	Claims and Benefits Paid: 8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial												
2. Whole	27,045,112		5,634,502	10,911,090			16,545,593	42,744,870	342,616	4,061,613		47,149,099
3. Term	145,469,172		1,388,498	60,736,071			62,124,569	60,257,755		176		60,257,931
4. Indexed												
5. Universal	44,316,463							20,113,656		55,058,544		75,172,200
6. Universal with secondary guarantees												
7. Variable												
8. Variable universal	26,584,091							16,700,443		20,732,621		37,433,064
9. Credit												
10. Other												
11. Total individual life	243,414,837		7,023,000	71,647,161			78,670,162	139,816,724	342,616	79,852,954		220,012,294
Group Life												
12. Whole												
13. Term								293,500				293,500
14. Universal	23,618,661							14,519,350		4,025,550		18,544,900
15. Variable												
16. Variable universal	16,545,955							3,670,994		3,195,269		6,866,263
17. Credit												
18. Other												
19. Total group life	40,164,616							18,483,843		7,220,820		25,704,663
Individual Annuities												
20. Fixed	1,071,331		190,755,937				190,755,937	2,288,469,121		2,308,428		2,290,777,549
21. Indexed												
22. Variable with guarantees	6,293,089,159		7,824			1,280,990,072	1,280,997,896	3,363,944,997		7,331,003,882		10,694,948,879
23. Variable without guarantees								96,601		7,282		103,883
24. Life contingent payout	7,812,363		1,732,280,718			71,202,762	1,803,483,481	2,635,701,028		750,032		2,636,451,060
25. Other			9,239,041				9,239,041					
26. Total individual annuities	6,301,972,853		1,932,283,520			1,352,192,834	3,284,476,354	8,288,211,746		7,334,069,625		15,622,281,371
Group Annuities												
27. Fixed	792,924,705					9,243,773	9,243,773	15,785,356		681,022,059		696,807,415
28. Indexed												
29. Variable with guarantees	12,648,126,997					952,485,930	952,485,930	613,670,499		8,799,019,914		9,412,690,413
30. Variable without guarantees												
31. Life contingent payout												
32. Other												
33. Total group annuities	13,441,051,702					961,729,703	961,729,703	629,455,854		9,480,041,973		10,109,497,827
Accident and Health												
34. Comprehensive individual (d)	1,521 (f)							XXX	XXX	XXX	943	943
35. Comprehensive group (d)	(f)							XXX	XXX	XXX		
36. Medicare supplement (d)	(f)							XXX	XXX	XXX		
37. Vision only (d)	(f)							XXX	XXX	XXX		
38. Dental only (d)	(f)							XXX	XXX	XXX		
39. Federal employees health benefits plan (d)	(f)							XXX	XXX	XXX		
40. Title XVIII Medicare (d)	(e,f)							XXX	XXX	XXX		
41. Title XIX Medicaid (d)	(f)							XXX	XXX	XXX		
42. Credit A&H	(f)							XXX	XXX	XXX		
43. Disability income (d)	(f)							XXX	XXX	XXX	6,585,345	6,585,345
44. Long-term care (d)	16,064,347 (f)							XXX	XXX	XXX	40,489,541	40,489,541
45. Other health (d)	(f)							XXX	XXX	XXX		
46. Total accident and health	16,065,868							XXX	XXX	XXX	47,075,829	47,075,829
47. Total	20,042,669,875 (c)		1,939,306,521	71,647,161		2,313,922,537	4,324,876,219	9,075,968,167	342,616	16,901,185,372	47,075,829	26,024,571,984

LIFE INSURANCE (STATE PAGE) (Continued)[b]

NAIC Group Code 1216 BUSINESS IN THE STATE OF Grand Total DURING THE YEAR 2025 NAIC Company Code 69345

Line of Business	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits									Policy Exhibit					
	13	Claims Settled During Current Year							22	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
		Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year		23	24	25	26	27	28
	Incurred During Current Year	14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount	Unpaid December 31, Current Year	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life															
1. Industrial															
2. Whole	42,858,655	694	31,412,266					694	31,412,266	40,346,741	125	18,909,025	(240)	10,237,137	11,023	827,432,295
3. Term	48,673,633	196	57,944,826					196	57,944,826	(6,152,246)			(8,534)	(3,681,414,132)	58,930	30,663,900,826
4. Indexed																
5. Universal	16,099,489	44	19,036,494					44	19,036,494	20,147,152	37	20,004,000	(277)	(188,875,125)	7,706	5,480,369,681
6. Universal with secondary guarantees																
7. Variable																
8. Variable universal	26,338,593	23	15,605,466					23	15,605,466	(3,193,436)			(123)	(157,483,099)	3,694	4,225,522,791
9. Credit																
10. Other																
11. Total individual life	133,970,369	957	123,999,052					957	123,999,052	51,148,212	162	38,913,025	(9,174)	(4,017,535,219)	81,353	41,197,225,593
Group Life																
12. Whole																
13. Term	276,500	7	293,500					7	293,500							
14. Universal	8,811,592	10	14,483,845					10	14,483,845	1,201,921			(33)	(65,749,513)	897	3,030,827,159
15. Variable																
16. Variable universal	4,578,644	4	3,324,337					4	3,324,337	(2,106,376)			(19)	(28,588,818)	995	2,859,955,184
17. Credit																(a)
18. Other																
19. Total group life	13,666,735	21	18,101,682					21	18,101,682	(904,455)			(52)	(94,338,331)	1,892	5,890,782,343
Individual Annuities																
20. Fixed	2,291,196,311	299,452	2,288,469,121					299,452	2,288,469,121	57,460,266	33,456	2,549,635,815	(30,725)	(2,112,851,561)	252,223	11,988,704,085
21. Indexed																
22. Variable with guarantees	3,502,036,042	463,252	3,363,944,997					463,252	3,363,944,997	979,781,388	41,124	3,228,583,653	(95,129)	(12,736,273,706)	1,442,773	108,473,563,293
23. Variable without guarantees	96,601	2	96,601					2	96,601							
24. Life contingent payout	2,636,847,876	1,025,853	2,635,701,028					1,025,853	2,635,701,028	5,413,025	34,196	3,299,551,848	(14,699)	(1,957,540,844)	498,555	36,792,512,881
25. Other																
26. Total individual annuities	8,430,176,831	1,788,559	8,288,211,746					1,788,559	8,288,211,746	1,042,654,679	108,776	9,077,771,317	(140,553)	(16,806,666,111)	2,193,551	157,254,780,259
Group Annuities																
27. Fixed	15,787,278	1,378	15,785,356					1,378	15,785,356	3,068	28,085	6,653,231	(36,713)	51,239,796	536,837	570,448,100
28. Indexed																
29. Variable with guarantees	666,212,974	43,977	613,670,499					43,977	613,670,499	236,646,254	238,820	4,225,444,745	(151,641)	1,434,766,425	2,100,734	75,621,082,036
30. Variable without guarantees																
31. Life contingent payout																
32. Other																
33. Total group annuities	682,000,252	45,355	629,455,854					45,355	629,455,854	236,649,322	266,905	4,232,097,975	(188,354)	1,486,006,221	2,637,571	76,191,530,136
Accident and Health																
34. Comprehensive individual (d)	943	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX				(329)	4	1,521
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal employees health benefits plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income (d)	1,000,100	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
44. Long-term care (d)	49,430,965	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(457)	(349,538)	6,021	19,129,396
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
46. Total accident and health	50,432,008	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(457)	(349,867)	6,025	19,130,917
47. Total	9,310,246,196	1,834,892	9,059,768,335					1,834,892	9,059,768,335	1,329,547,758	375,843	13,348,782,317	(338,590)	(19,432,883,307)	4,920,392	280,553,449,247

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year $ ..... , current year $ ..... Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year $ ..... , current year $ .....

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: ..... 2) covering number of lives: ..... 3) face amount $ .....

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: $ .....447,393,216 Group: $ .....1,629,521,446 Total: $ 2,076,914,663

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products ..... and number of persons insured under indemnity only products .....

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees $ .....

(f) For health business report Direct Premiums Earned: Comprehensive Individual $ ..... ; Comprehensive Group $ ..... ; Medicare Supplement $ ..... ; Vision Only $ ..... ; Dental Only $ ..... ; Federal Employees Health Benefits Plan $ .....
Title XVIII Medicare $ ..... ; Title XIX Medicaid $ ..... ; Credit A&H $ ..... ; Disability Income $ ..... ; Long-term Care $ ..... ; Other Health $ .....

EXHIBIT OF LIFE INSURANCE

($000 Omitted for Amounts of Life Insurance)

		Industrial		Ordinary		Credit Life (Group and Individual)		Group			10
		1	2	3	4	5	6	Number of 7	Number of 8	9	
		Number of Policies	Amount of Insurance	Number of Policies	Amount of Insurance	Number of Individual Policies and Group Certificates	Amount of Insurance	Policies	Certificates	Amount of Insurance	Total Amount of Insurance
1.	In force end of prior year			90,365	45,175,847				2,170	5,997,379	51,173,226
2.	Issued during year			162	38,913						38,913
3.	Reinsurance assumed										
4.	Revived during year			49	21,516						21,516
5.	Increased during year (net)										
6.	Subtotals, Lines 2 to 5			211	60,429						60,429
7.	Additions by dividends during year	XXX		XXX		XXX		XXX	XXX		
8.	Aggregate write-ins for increases										
9.	Totals (Lines 1 and 6 to 8)			90,576	45,236,276				2,170	5,997,379	51,233,655
	Deductions during year:										
10.	Death			829	121,148			XXX	18	15,302	136,450
11.	Maturity			12	238			XXX			238
12.	Disability							XXX			
13.	Expiry			4,019	1,614,084						1,614,084
14.	Surrender			496	271,604				38	63,223	334,827
15.	Lapse			3,824	1,905,979				20	5,477	1,911,456
16.	Conversion			43	7,583			XXX	XXX	XXX	7,583
17.	Decreased (net)				118,415					11,681	130,096
18.	Reinsurance										
19.	Aggregate write-ins for decreases										
20.	Totals (Lines 10 to 19)			9,223	4,039,051				76	95,682	4,134,733
21.	In force end of year (b) (Line 9 minus Line 20)			81,353	41,197,225				2,094	5,901,696	47,098,922
22.	Reinsurance ceded end of year	XXX		XXX	24,591,729	XXX		XXX	XXX	2,869,005	27,460,733
23.	Line 21 minus Line 22	XXX		XXX	16,605,496	XXX	(a)	XXX	XXX	3,032,692	19,638,188
	DETAILS OF WRITE-INS										
0801.											
0802.											
0803.											
0898.	Summary of remaining write-ins for Line 8 from overflow page.										
0899.	Totals (Lines 0801 through 0803 plus 0898) (Line 8 above)										
1901.											
1902.											
1903.											
1998.	Summary of remaining write-ins for Line 19 from overflow page.										
1999.	Totals (Lines 1901 through 1903 plus 1998) (Line 19 above)										

Life, Accident and Health Companies Only:

(a) Group $ ..... ; Individual $ .....

Fraternal Benefit Societies Only:

(b) Paid-up insurance included in the final totals of Line 21 (including additions to certificates) number of certificates ..... , Amount $ .....

Additional accidental death benefits included in life certificates were in amount $ ..... , Does the society collect any contributions from members for general expenses of the society under fully paid-up certificates? Yes [ ] No [ ]

If not, how are such expenses met?

.....

EXHIBIT OF LIFE INSURANCE

($000 Omitted for Amounts of Life Insurance) (Continued)

ADDITIONAL INFORMATION ON INSURANCE IN FORCE END OF YEAR

		Industrial		Ordinary	
		1 Number of Policies	2 Amount of Insurance	3 Number of Policies	4 Amount of Insurance
24.	Additions by dividends	XXX		XXX	
25.	Other paid-up insurance			901	65,109
26.	Debit ordinary insurance	XXX	XXX		

ADDITIONAL INFORMATION ON ORDINARY INSURANCE

		Issued During Year (Included in Line 2)		In Force End of Year (Included in Line 21)	
	Term Insurance Excluding Extended Term Insurance	1 Number of Policies	2 Amount of Insurance	3 Number of Policies	4 Amount of Insurance
27.	Term policies - decreasing			426	6,983
28.	Term policies - other			58,504	29,438,436
29.	Other term insurance - decreasing	XXX		XXX	
30.	Other term insurance	XXX		XXX	1,233,910
31.	Totals (Lines 27 to 30)			58,930	30,679,329
	Reconciliation to Lines 2 and 21:				
32.	Term additions	XXX		XXX	
33.	Totals, extended term insurance	XXX	XXX	101	7,369
34.	Totals, whole life and endowment	162	38,913	22,322	10,510,527
35.	Totals (Lines 31 to 34)	162	38,913	81,353	41,197,226

CLASSIFICATION OF AMOUNT OF INSURANCE BY PARTICIPATING STATUS

		Issued During Year (Included in Line 2)		In Force End of Year (Included in Line 21)	
		1 Non-Participating	2 Participating	3 Non-Participating	4 Participating
36	Industrial				
37.	Ordinary	38,913		41,197,226	
38.	Credit life (group and individual)				
39.	Group			5,901,694	
40.	Totals (Lines 36 to 39)	38,913		47,098,920	

ADDITIONAL INFORMATION ON CREDIT LIFE AND GROUP INSURANCE

		Credit Life		Group	
		1 Number of Individual Policies and Group Certificates	2 Amount of Insurance	3 Number of Certificates	4 Amount of Insurance
41.	Amount of insurance included in Line 2 ceded to other companies	XXX		XXX	
42.	Number in force end of year if the number under shared groups is counted on a pro-rata basis		XXX	202	XXX
43.	Federal Employees' Group Life Insurance included in Line 21				
44.	Servicemen's Group Life Insurance included in Line 21				
45.	Group permanent insurance included in Line 21				

ADDITIONAL ACCIDENTAL DEATH BENEFITS

NONE

46.	Amount of additional accidental death benefits in force end of year under ordinary policies		

BASIS OF CALCULATION OF ORDINARY TERM INSURANCE

NONE

47. State basis of calculation of (47.1) decreasing term insurance contained in Family Income, Mortgage Protection, etc., policies and riders and of (47.2) term insurance on spouse and children under Family, Parent and Children, etc., policies and riders including pol

47.1

47.2

POLICIES WITH DISABILITY PROVISIONS

		Industrial		Ordinary		Credit		Group	
		1	2	3	4	5	6	7	8
	Disability Provisions	Number of Policies	Amount of Insurance	Number of Policies	Amount of Insurance	Number of Policies	Amount of Insurance	Number of Certificates	Amount of Insurance
48.	Waiver of premium			9,259	4,817,479			82	55,069
49.	Disability income								
50.	Extended benefits			XXX	XXX				
51.	Other								
52.	Total		(a)	9,259	(a) 4,817,479		(a)	82	(a) 55,069

(a) See the Annual Audited Financial Reports section of the annual statement instructions

EXHIBIT OF NUMBER OF POLICIES, CONTRACTS, CERTIFICATES, INCOME PAYABLE AND ACCOUNT VALUES IN FORCE FOR SUPPLEMENTARY CONTRACTS, ANNUITIES, ACCIDENT & HEALTH AND OTHER POLICIES

SUPPLEMENTARY CONTRACTS

		Ordinary		Group	
		1 Involving Life Contingencies	2 Not Involving Life Contingencies	3 Involving Life Contingencies	4 Not Involving Life Contingencies
1.	In force end of prior year	35,118	1,802		
2.	Issued during year	458	105		
3.	Reinsurance assumed				
4.	Increased during year (net)				
5.	Total (Lines 1 to 4)	35,576	1,907		
	Deductions during year:				
6.	Decreased (net)	2,263	239		
7.	Reinsurance ceded				
8.	Totals (Lines 6 and 7)	2,263	239		
9.	In force end of year (line 5 minus line 8)	33,313	1,668		
10.	Amount on deposit	2,262,837,211	(a) 141,543,317		(a)
11.	Income now payable	3,452	1,668		
12.	Amount of income payable	(a) 25,244,877	(a) 26,638,336	(a)	(a)

ANNUITIES

		Ordinary		Group	
		1 Immediate	2 Deferred	3 Contracts	4 Certificates
1.	In force end of prior year	749,166	1,479,154	7,589	2,564,519
2.	Issued during year	73,596	40,552	78	269,027
3.	Reinsurance assumed				
4.	Increased during year (net)				
5.	Totals (Lines 1 to 4)	822,762	1,519,706	7,667	2,833,546
	Deductions during year:				
6.	Decreased (net)	50,473	95,294		193,144
7.	Reinsurance ceded				
8.	Totals (Lines 6 and 7)	50,473	95,294		193,144
9.	In force end of year (line 5 minus line 8)	772,289	1,424,412	7,667	2,640,402
	Income now payable:				
10.	Amount of income payable	(a) 4,965,393,145	XXX	XXX	(a) 112,968,525
	Deferred fully paid:				
11.	Account balance	XXX	(a) 112,533,193,393	XXX	(a) 76,423,427,892
	Deferred not fully paid:				
12.	Account balance	XXX	(a)	XXX	(a)

ACCIDENT AND HEALTH INSURANCE

		Group		Credit		Other	
		1 Certificates	2 Premiums in Force	3 Policies	4 Premiums in Force	5 Policies	6 Premiums in Force
1.	In force end of prior year					6,482	19,480,782
2.	Issued during year						
3.	Reinsurance assumed						
4.	Increased during year (net)		XXX		XXX		XXX
5.	Totals (Lines 1 to 4)		XXX		XXX	6,482	XXX
	Deductions during year:						
6.	Conversions	XXX	XXX	XXX	XXX	XXX	XXX
7.	Decreased (net)	XXX	XXX		XXX	457	XXX
8.	Reinsurance ceded		XXX		XXX		XXX
9.	Totals (Lines 6 to 8)		XXX		XXX	457	XXX
10.	In force end of year (line 5 minus line 9)		(a)		(a)	6,025	(a) 19,130,865

DEPOSIT FUNDS AND DIVIDEND ACCUMULATIONS

		1 Deposit Funds	2 Dividend Accumulations
		Contracts	Contracts
1.	In force end of prior year	1,290	
2.	Issued during year	2	
3.	Reinsurance assumed		
4.	Increased during year (net)		
5.	Totals (Lines 1 to 4)	1,292	
	Deductions During Year:		
6.	Decreased (net)	114	
7.	Reinsurance ceded		
8.	Totals (Lines 6 and 7)	114	
9.	In force end of year (line 5 minus line 8)	1,178	
10.	Amount of account balance	(a) 10,339,118,963	(a)

(a) See the Annual Audited Financial Reports section of the annual statement instructions.

FORM FOR CALCULATING THE INTEREST MAINTENANCE RESERVE

INTEREST MAINTENANCE RESERVE

		1 Amount
1.	Reserve as of December 31, Prior Year	1,539,354,382
2.	Current year's realized pre-tax capital gains/(losses) of $ (194,664,194) transferred into the reserve net of taxes of $ (254,843)	(194,409,350)
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)	1,344,945,032
5.	Current year's amortization released to Summary of Operations (Amortization, Line 1, Column 4)	151,462,554
6.	Reserve as of December 31, current year (Line 4 minus Line 5)	1,193,482,478

AMORTIZATION

Year of Amortization	1 Reserve as of December 31, Prior Year	2 Current Year's Realized Capital Gains/(Losses) Transferred into the Reserve Net of Taxes	3 Adjustment for Current Year's Liability Gains/(Losses) Released From the Reserve	4 Balance Before Reduction for Current Year's Amortization (Cols. 1 + 2 + 3)
1. 2025	155,832,759	(4,370,205)		151,462,554
2. 2026	143,229,781	(3,496,003)		139,733,777
3. 2027	127,722,187	10,909,319		138,631,507
4. 2028	133,455,276	6,607,479		140,062,755
5. 2029	138,110,146	1,858,926		139,969,072
6. 2030	132,420,553	(3,105,707)		129,314,846
7. 2031	119,348,470	(5,397,797)		113,950,673
8. 2032	106,644,465	(4,946,581)		101,697,884
9. 2033	92,738,882	(4,637,489)		88,101,393
10. 2034	81,786,592	(4,051,266)		77,735,325
11. 2035	74,595,654	(3,430,319)		71,165,334
12. 2036	69,407,144	(3,842,237)		65,564,907
13. 2037	66,199,750	(4,879,887)		61,319,863
14. 2038	60,823,862	(6,437,632)		54,386,230
15. 2039	47,631,287	(7,576,895)		40,054,392
16. 2040	29,675,329	(9,010,746)		20,664,584
17. 2041	17,428,071	(9,866,705)		7,561,366
18. 2042	9,821,838	(10,102,695)		(280,857)
19. 2043	4,481,984	(10,531,662)		(6,049,677)
20. 2044	930,671	(10,752,579)		(9,821,908)
21. 2045	(2,933,220)	(11,166,473)		(14,099,693)
22. 2046	(6,947,029)	(11,350,856)		(18,297,886)
23. 2047	(9,433,827)	(11,934,646)		(21,368,473)
24. 2048	(11,130,850)	(12,097,568)		(23,228,418)
25. 2049	(11,970,484)	(12,661,516)		(24,632,001)
26. 2050	(10,973,014)	(13,205,622)		(24,178,636)
27. 2051	(8,600,980)	(12,205,152)		(20,806,132)
28. 2052	(6,214,445)	(9,679,948)		(15,894,393)
29. 2053	(3,600,808)	(7,154,744)		(10,755,553)
30. 2054	(1,125,663)	(4,419,107)		(5,544,770)
31. 2055 and Later		(1,473,036)		(1,473,036)
32. Total (Lines 1 to 31)	1,539,354,382	(194,409,350)		1,344,945,032

ASSET VALUATION RESERVE

	Default Component			Equity Component			
	1 Other Than Mortgage Loans	2 Mortgage Loans	3 Total (Cols. 1 + 2)	4 Common Stock	5 Real Estate and Other Invested Assets	6 Total (Cols. 4 + 5)	7 Total Amount (Cols. 3 + 6)
1. Reserve as of December 31, prior year	2,939,123,449	(18,340,187)	2,920,783,262	(26,631,707)	3,277,788,118	3,251,156,412	6,171,939,673
2. Realized capital gains/(losses) net of taxes - General Account	(190,326,787)	(269,076,237)	(459,403,024)	(20,344,536)	(2,094,212,534)	(2,114,557,070)	(2,573,960,094)
3. Realized capital gains/(losses) net of taxes - Separate Accounts							
4. Unrealized capital gains/(losses) net of deferred taxes - General Account	102,054,504	136,135,880	238,190,384	101,636,472	691,081,789	792,718,261	1,030,908,645
5. Unrealized capital gains/(losses) net of deferred taxes - Separate Accounts	459,171		459,171				459,171
6. Capital gains credited/(losses charged) to contract benefits, payments or reserves							
7. Basic contribution	653,870,471	145,982,405	799,852,876		92,722,752	92,722,752	892,575,628
8. Accumulated balances (Lines 1 through 5 - 6 + 7)	3,505,180,808	(5,298,139)	3,499,882,669	54,660,229	1,967,380,126	2,022,040,355	5,521,923,024
9. Maximum reserve	2,962,687,660	563,530,386	3,526,218,046	280,960,595	7,242,159,212	7,523,119,806	11,049,337,853
10. Reserve objective	1,849,992,502	433,527,005	2,283,519,507	279,609,513	7,150,507,316	7,430,116,829	9,713,636,336
11. 20% of (Line 10 - Line 8)	(331,037,661)	87,765,029	(243,272,632)	44,989,857	1,036,625,438	1,081,615,295	838,342,662
12. Balance before transfers (Lines 8 + 11)	3,174,143,147	82,466,889	3,256,610,036	99,650,086	3,004,005,564	3,103,655,650	6,360,265,686
13. Transfers	(211,481,142)	211,481,142					
14. Voluntary contribution							
15. Adjustment down to maximum/up to zero							
16. Reserve as of December 31, current year (Lines 12 + 13 + 14 + 15)	2,962,662,005	293,948,031	3,256,610,036	99,650,086	3,004,005,564	3,103,655,650	6,360,265,686

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 5 Factor	Basic Contribution 6 Amount (Cols.4 x 5)	Reserve Objective 7 Factor	Reserve Objective 8 Amount (Cols. 4 x 7)	Maximum Reserve 9 Factor	Maximum Reserve 10 Amount (Cols. 4 x 9)
		LONG-TERM BONDS										
1.		Exempt obligations	20,535,216,807	XXX	XXX	20,535,216,807	0.0000		0.0000		0.0000	
2.1	1	NAIC Designation Category 1.A	19,737,170,775	XXX	XXX	19,737,170,775	0.0002	3,947,434	0.0007	13,816,020	0.0013	25,658,322
2.2	1	NAIC Designation Category 1.B	4,534,996,829	XXX	XXX	4,534,996,829	0.0004	1,813,999	0.0011	4,988,497	0.0023	10,430,493
2.3	1	NAIC Designation Category 1.C	9,957,454,218	XXX	XXX	9,957,454,218	0.0006	5,974,473	0.0018	17,923,418	0.0035	34,851,090
2.4	1	NAIC Designation Category 1.D	13,437,921,542	XXX	XXX	13,437,921,542	0.0007	9,406,545	0.0022	29,563,427	0.0044	59,126,855
2.5	1	NAIC Designation Category 1.E	13,462,800,920	XXX	XXX	13,462,800,920	0.0009	12,116,521	0.0027	36,349,562	0.0055	74,045,405
2.6	1	NAIC Designation Category 1.F	27,941,756,540	XXX	XXX	27,941,756,540	0.0011	30,735,932	0.0034	95,001,972	0.0068	190,003,944
2.7	1	NAIC Designation Category 1.G	27,568,458,289	XXX	XXX	27,568,458,289	0.0014	38,595,842	0.0042	115,787,525	0.0085	234,331,895
2.8		Subtotal NAIC 1 (2.1+2.2+2.3+2.4+2.5+2.6+2.7)	116,640,559,113	XXX	XXX	116,640,559,113	XXX	102,590,745	XXX	313,430,421	XXX	628,448,004
3.1	2	NAIC Designation Category 2.A	28,264,089,457	XXX	XXX	28,264,089,457	0.0021	59,354,588	0.0063	178,063,764	0.0105	296,772,939
3.2	2	NAIC Designation Category 2.B	27,418,458,837	XXX	XXX	27,418,458,837	0.0025	68,546,147	0.0076	208,380,287	0.0127	348,214,427
3.3	2	NAIC Designation Category 2.C	11,773,125,311	XXX	XXX	11,773,125,311	0.0036	42,383,251	0.0108	127,149,753	0.0180	211,916,256
3.4		Subtotal NAIC 2 (3.1+3.2+3.3)	67,455,673,605	XXX	XXX	67,455,673,605	XXX	170,283,986	XXX	513,593,804	XXX	856,903,622
4.1	3	NAIC Designation Category 3.A	3,348,327,119	XXX	XXX	3,348,327,119	0.0069	23,103,457	0.0183	61,274,386	0.0262	87,726,171
4.2	3	NAIC Designation Category 3.B	5,061,881,225	XXX	XXX	5,061,881,225	0.0099	50,112,624	0.0264	133,633,664	0.0377	190,832,922
4.3	3	NAIC Designation Category 3.C	3,599,705,495	XXX	XXX	3,599,705,495	0.0131	47,156,142	0.0350	125,989,692	0.0500	179,985,275
4.4		Subtotal NAIC 3 (4.1+4.2+4.3)	12,009,913,839	XXX	XXX	12,009,913,839	XXX	120,372,223	XXX	320,897,743	XXX	458,544,367
5.1	4	NAIC Designation Category 4.A	1,640,318,613	XXX	XXX	1,640,318,613	0.0184	30,181,862	0.0430	70,533,700	0.0615	100,879,595
5.2	4	NAIC Designation Category 4.B	3,261,472,167	XXX	XXX	3,261,472,167	0.0238	77,623,038	0.0555	181,011,705	0.0793	258,634,743
5.3	4	NAIC Designation Category 4.C	1,613,575,896	XXX	XXX	1,613,575,896	0.0310	50,020,853	0.0724	116,822,895	0.1034	166,843,748
5.4		Subtotal NAIC 4 (5.1+5.2+5.3)	6,515,366,676	XXX	XXX	6,515,366,676	XXX	157,825,753	XXX	368,368,300	XXX	526,358,085
6.1	5	NAIC Designation Category 5.A	606,046,177	XXX	XXX	606,046,177	0.0472	28,605,380	0.0846	51,271,507	0.1410	85,452,511
6.2	5	NAIC Designation Category 5.B	421,557,403	XXX	XXX	421,557,403	0.0663	27,949,256	0.1188	50,081,019	0.1980	83,468,366
6.3	5	NAIC Designation Category 5.C	177,536,794	XXX	XXX	177,536,794	0.0836	14,842,076	0.1498	26,595,012	0.2496	44,313,184
6.4		Subtotal NAIC 5 (6.1+6.2+6.3)	1,205,140,374	XXX	XXX	1,205,140,374	XXX	71,396,711	XXX	127,947,538	XXX	213,234,061
7.	6	NAIC 6	493,469,353	XXX	XXX	493,469,353	0.0000		0.2370	116,952,237	0.2370	116,952,237
8.		Intentionally left blank	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
9.		Total long-term bonds (1+2.8+3.4+4.4+5.4+6.4+7+8)	224,855,339,767	XXX	XXX	224,855,339,767	XXX	622,469,419	XXX	1,761,190,043	XXX	2,800,440,376
		PREFERRED STOCKS										
10.	1	Highest quality		XXX	XXX		0.0005		0.0016		0.0033	
11.	2	High quality	802,625,543	XXX	XXX	802,625,543	0.0021	1,685,514	0.0064	5,136,803	0.0106	8,507,831
12.	3	Medium quality		XXX	XXX		0.0099		0.0263		0.0376	
13.	4	Low quality	15,266,739	XXX	XXX	15,266,739	0.0245	374,035	0.0572	873,257	0.0817	1,247,293
14.	5	Lower quality	89,313,053	XXX	XXX	89,313,053	0.0630	5,626,722	0.1128	10,074,512	0.1880	16,790,854
15.	6	In or near default	440,514	XXX	XXX	440,514	0.0000		0.2370	104,402	0.2370	104,402
16.		Affiliated life with AVR		XXX	XXX		0.0000		0.0000		0.0000	
17.		Total preferred stocks (Sum of Lines 10 through 16)	907,645,849	XXX	XXX	907,645,849	XXX	7,686,271	XXX	16,188,975	XXX	26,650,379

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 5 Factor	Basic Contribution 6 Amount (Cols.4 x 5)	Reserve Objective 7 Factor	Reserve Objective 8 Amount (Cols. 4 x 7)	Maximum Reserve 9 Factor	Maximum Reserve 10 Amount (Cols. 4 x 9)
		SHORT-TERM BONDS										
18.		Exempt obligations	152,547,309	XXX	XXX	152,547,309	0.0000		0.0000		0.0000	
19.1	1	NAIC Designation Category 1.A	22,500,000	XXX	XXX	22,500,000	0.0002	4,500	0.0007	15,750	0.0013	29,250
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	126,500,000	XXX	XXX	126,500,000	0.0014	177,100	0.0042	531,300	0.0085	1,075,250
19.8		Subtotal NAIC 1 (19.1+19.2+19.3+19.4+19.5+19.6+19.7)	149,000,000	XXX	XXX	149,000,000	XXX	181,600	XXX	547,050	XXX	1,104,500
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	5,257,815	XXX	XXX	5,257,815	0.0036	18,928	0.0108	56,784	0.0180	94,641
20.4		Subtotal NAIC 2 (20.1+20.2+20.3)	5,257,815	XXX	XXX	5,257,815	XXX	18,928	XXX	56,784	XXX	94,641
21.1	3	NAIC Designation Category 3.A	4,768,338	XXX	XXX	4,768,338	0.0069	32,902	0.0183	87,261	0.0262	124,930
21.2	3	NAIC Designation Category 3.B	3,297,965	XXX	XXX	3,297,965	0.0099	32,650	0.0264	87,066	0.0377	124,333
21.3	3	NAIC Designation Category 3.C	1,949,755	XXX	XXX	1,949,755	0.0131	25,542	0.0350	68,241	0.0500	97,488
21.4		Subtotal NAIC 3 (21.1+21.2+21.3)	10,016,058	XXX	XXX	10,016,058	XXX	91,093	XXX	242,568	XXX	346,751
22.1	4	NAIC Designation Category 4.A		XXX	XXX		0.0184		0.0430		0.0615	
22.2	4	NAIC Designation Category 4.B	216,009	XXX	XXX	216,009	0.0238	5,141	0.0555	11,988	0.0793	17,130
22.3	4	NAIC Designation Category 4.C	12,728,915	XXX	XXX	12,728,915	0.0310	394,596	0.0724	921,573	0.1034	1,316,170
22.4		Subtotal NAIC 4 (22.1+22.2+22.3)	12,944,924	XXX	XXX	12,944,924	XXX	399,737	XXX	933,562	XXX	1,333,299
23.1	5	NAIC Designation Category 5.A	3,787,570	XXX	XXX	3,787,570	0.0472	178,773	0.0846	320,428	0.1410	534,047
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)	3,787,570	XXX	XXX	3,787,570	XXX	178,773	XXX	320,428	XXX	534,047
24.	6	NAIC 6	999,936	XXX	XXX	999,936	0.0000		0.2370	236,985	0.2370	236,985
25.		Total short-term bonds (18+19.8+20.4+21.4+22.4+23.4+24)	334,553,612	XXX	XXX	334,553,612	XXX	870,132	XXX	2,337,378	XXX	3,650,224
		DERIVATIVE INSTRUMENTS										
26.		Exchange traded		XXX	XXX		0.0005		0.0016		0.0033	
27.	1	Highest quality	32,360,730	XXX	XXX	32,360,730	0.0005	16,180	0.0016	51,777	0.0033	106,790
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	32,360,730	XXX	XXX	32,360,730	XXX	16,180	XXX	51,777	XXX	106,790
34.		Total (Lines 9 + 17 + 25 + 33)	226,129,899,958	XXX	XXX	226,129,899,958	XXX	631,042,002	XXX	1,779,768,173	XXX	2,830,847,769

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 5 Factor	Basic Contribution 6 Amount (Cols.4 x 5)	Reserve Objective 7 Factor	Reserve Objective 8 Amount (Cols. 4 x 7)	Maximum Reserve 9 Factor	Maximum Reserve 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	3,862,307,010		XXX	3,862,307,010	0.0015	5,793,461	0.0034	13,131,844	0.0046	17,766,612
42.		Commercial mortgages - insured or guaranteed			XXX		0.0003		0.0007		0.0011	
43.		Commercial mortgages - all other - CM1 - highest quality	9,912,333,599		XXX	9,912,333,599	0.0011	10,903,567	0.0057	56,500,302	0.0074	73,351,269
44.		Commercial mortgages - all other - CM2 - high quality	15,587,139,069		XXX	15,587,139,069	0.0040	62,348,556	0.0114	177,693,385	0.0149	232,248,372
45.		Commercial mortgages - all other - CM3 - medium quality	5,338,773,491		XXX	5,338,773,491	0.0069	36,837,537	0.0200	106,775,470	0.0257	137,206,479
46.		Commercial mortgages - all other - CM4 - low medium quality	1,374,460,381		XXX	1,374,460,381	0.0120	16,493,525	0.0343	47,143,991	0.0428	58,826,904
47.		Commercial mortgages - all other - CM5 - low quality	487,738,466		XXX	487,738,466	0.0183	8,925,614	0.0486	23,704,089	0.0628	30,629,976
		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	27,907,535		XXX	27,907,535	0.0029	80,932	0.0066	184,190	0.0103	287,448
51.		Commercial mortgages - insured or guaranteed			XXX		0.0006		0.0014		0.0023	
52.		Commercial mortgages - all other	95,816,950		XXX	95,816,950	0.0480	4,599,214	0.0868	8,316,911	0.1371	13,136,504
		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	5,155,895		XXX	5,155,895	0.0000		0.0149	76,823	0.0149	76,823
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)	36,691,632,396		XXX	36,691,632,396	XXX	145,982,405	XXX	433,527,005	XXX	563,530,386

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 5 Factor	Basic Contribution 6 Amount (Cols.4 x 5)	Reserve Objective 7 Factor	Reserve Objective 8 Amount (Cols. 4 x 7)	Maximum Reserve 9 Factor	Maximum Reserve 10 Amount (Cols. 4 x 9)
		COMMON STOCK										
1.		Unaffiliated - public	592,262,722	XXX	XXX	592,262,722	0.0000		0.2370 (a)	140,366,265	0.2370 (a)	140,366,265
2.		Unaffiliated - private	488,484,114	XXX	XXX	488,484,114	0.0000		0.1945	95,010,160	0.1945	95,010,160
3.		Federal Home Loan Bank	375,300,500	XXX	XXX	375,300,500	0.0000		0.0061	2,289,333	0.0097	3,640,415
4.		Affiliated - life with AVR		XXX	XXX		0.0000		0.0000		0.0000	
		Affiliated - Investment Subsidiary:										
5.		Fixed income - exempt obligations					XXX		XXX		XXX	
6.		Fixed income - highest quality					XXX		XXX		XXX	
7.		Fixed income - high quality					XXX		XXX		XXX	
8.		Fixed income - medium quality					XXX		XXX		XXX	
9.		Fixed income - low quality					XXX		XXX		XXX	
10.		Fixed income - lower quality					XXX		XXX		XXX	
11.		Fixed income - in or near default					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	215,649,123	XXX	XXX	215,649,123	0.0000		0.1945	41,943,754	0.1945	41,943,754
17.		Total common stock (Sum of Lines 1 through 16)	1,671,696,459			1,671,696,459	XXX		XXX	279,609,513	XXX	280,960,595
		REAL ESTATE										
18.		Home office property (General Account only)	300,314,716		28,007,340	328,322,056	0.0000		0.0912	29,942,972	0.0912	29,942,972
19.		Investment properties	3,086,344,910		300,000,000	3,386,344,910	0.0000		0.0912	308,834,656	0.0912	308,834,656
20.		Properties acquired in satisfaction of debt	36,936,779			36,936,779	0.0000		0.1337	4,938,447	0.1337	4,938,447
21.		Total real estate (Sum of Lines 18 through 20)	3,423,596,405		328,007,340	3,751,603,745	XXX		XXX	343,716,075	XXX	343,716,075
		OTHER INVESTED ASSETS INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF BONDS										
22.		Exempt obligations	30,550,204	XXX	XXX	30,550,204	0.0000		0.0000		0.0000	
23.	1	Highest quality	54,864,080	XXX	XXX	54,864,080	0.0005	27,432	0.0016	87,783	0.0033	181,051
24.	2	High quality	111,256,326	XXX	XXX	111,256,326	0.0021	233,638	0.0064	712,040	0.0106	1,179,317
25.	3	Medium quality	8,658,693	XXX	XXX	8,658,693	0.0099	85,721	0.0263	227,724	0.0376	325,567
26.	4	Low quality	3,337,418,675	XXX	XXX	3,337,418,675	0.0245	81,766,758	0.0572	190,900,348	0.0817	272,667,106
27.	5	Lower quality	15,452,500	XXX	XXX	15,452,500	0.0630	973,508	0.1128	1,743,042	0.1880	2,905,070
28.	6	In or near default	241,888,672	XXX	XXX	241,888,672	0.0000		0.2370	57,327,615	0.2370	57,327,615
29.		Total with bond characteristics (Sum of Lines 22 through 28)	3,800,089,150	XXX	XXX	3,800,089,150	XXX	83,087,056	XXX	250,998,552	XXX	334,585,726

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 5 Factor	Basic Contribution 6 Amount (Cols.4 x 5)	Reserve Objective 7 Factor	Reserve Objective 8 Amount (Cols. 4 x 7)	Maximum Reserve 9 Factor	Maximum Reserve 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	23,961,844	XXX	XXX	23,961,844	0.0099	237,222	0.0263	630,196	0.0376	900,965
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	138,863,686	XXX	XXX	138,863,686	0.0000		0.2370	32,910,694	0.2370	32,910,694
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)	162,825,530	XXX	XXX	162,825,530	XXX	237,222	XXX	33,540,890	XXX	33,811,659
		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	113,561,671		XXX	113,561,671	0.0040	454,247	0.0114	1,294,603	0.0149	1,692,069
40.		Mortgages - CM3 - medium quality	754,539,919		XXX	754,539,919	0.0069	5,206,325	0.0200	15,090,798	0.0257	19,391,676
41.		Mortgages - CM4 - low medium quality			XXX		0.0120		0.0343		0.0428	
42.		Mortgages - CM5 - low quality	78,315,457		XXX	78,315,457	0.0183	1,433,173	0.0486	3,806,131	0.0628	4,918,211
43.		Residential Mortgages - insured or guaranteed			XXX		0.0003		0.0007		0.0011	
44.		Residential Mortgages - all other	882,309,895	XXX	XXX	882,309,895	0.0015	1,323,465	0.0034	2,999,854	0.0046	4,058,626
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)	1,828,726,942		XXX	1,828,726,942	XXX	8,417,210	XXX	23,191,386	XXX	30,060,581
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	134,944,075		XXX	134,944,075	0.0069	931,114	0.0200	2,698,882	0.0257	3,468,063
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)	134,944,075		XXX	134,944,075	XXX	931,114	XXX	2,698,882	XXX	3,468,063
64.		Total with mortgage loan characteristics (Lines 56 + 63)	1,963,671,017		XXX	1,963,671,017	XXX	9,348,324	XXX	25,890,268	XXX	33,528,644

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 5 Factor	Basic Contribution 6 Amount (Cols.4 x 5)	Reserve Objective 7 Factor	Reserve Objective 8 Amount (Cols. 4 x 7)	Maximum Reserve 9 Factor	Maximum Reserve 10 Amount (Cols. 4 x 9)
		INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF COMMON STOCK										
65.		Unaffiliated public	472,662,900	XXX	XXX	472,662,900	0.0000		0.2370 (a)	112,021,107	0.2370 (a)	112,021,107
66.		Unaffiliated private	13,101,557,313	XXX	XXX	13,101,557,313	0.0000		0.1945	2,548,252,897	0.1945	2,548,252,897
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	8,233,713,725	XXX	XXX	8,233,713,725	0.0000		0.1945	1,601,457,320	0.1945	1,601,457,320
70.		Total with common stock characteristics (Sum of Lines 65 through 69)	21,807,933,938	XXX	XXX	21,807,933,938	XXX		XXX	4,261,731,324	XXX	4,261,731,324
		INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF REAL ESTATE										
71.		Home office property (General Account only)					0.0000		0.0912		0.0912	
72.		Investment properties	14,852,580,965		7,886,398,376	22,738,979,341	0.0000		0.0912	2,073,794,916	0.0912	2,073,794,916
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)	14,852,580,965		7,886,398,376	22,738,979,341	XXX		XXX	2,073,794,916	XXX	2,073,794,916
		INVESTMENTS IN TAX CREDIT STRUCTURES										
75.		Yield guaranteed state tax credit investments					0.0003		0.0006		0.0010	
76.		Qualifying federal tax credit investments					0.0063		0.0120		0.0190	
77.		Qualifying state tax credit investments					0.0063		0.0120		0.0190	
78.		Other tax credit investments					0.0273		0.0600		0.0975	
79.		Total tax credit investments (Sum of Lines 75 through 78)					XXX		XXX		XXX	
		RESIDUAL TRANCHES OR INTERESTS										
80.		Bonds - unaffiliated	59,079,475	XXX	XXX	59,079,475	0.0000		0.1580	9,334,557	0.1580	9,334,557
81.		Bonds - affiliated		XXX	XXX		0.0000		0.1580		0.1580	
82.		Common stock - unaffiliated		XXX	XXX		0.0000		0.1580		0.1580	
83.		Common stock - affiliated		XXX	XXX		0.0000		0.1580		0.1580	
84.		Preferred stock - unaffiliated		XXX	XXX		0.0000		0.1580		0.1580	
85.		Preferred stock - affiliated		XXX	XXX		0.0000		0.1580		0.1580	
86.		Real estate - unaffiliated					0.0000		0.1580		0.1580	
87.		Real estate - affiliated					0.0000		0.1580		0.1580	
88.		Mortgage loans - unaffiliated		XXX	XXX		0.0000		0.1580		0.1580	
89.		Mortgage loans - affiliated		XXX	XXX		0.0000		0.1580		0.1580	
90.		Other - unaffiliated	428,173,890	XXX	XXX	428,173,890	0.0000		0.1580	67,651,475	0.1580	67,651,475
91.		Other - affiliated		XXX	XXX		0.0000		0.1580		0.1580	
92.		Total residual tranches or interests (Sum of Lines 80 through 91)	487,253,365			487,253,365	XXX		XXX	76,986,032	XXX	76,986,032
		SURPLUS NOTES AND CAPITAL NOTES										
93.	1	Highest quality	78,966,426	XXX	XXX	78,966,426	0.0005	39,483	0.0016	126,346	0.0033	260,589
94.	2	High quality	5,079,349	XXX	XXX	5,079,349	0.0021	10,667	0.0064	32,508	0.0106	53,841
95.	3	Medium quality		XXX	XXX		0.0099		0.0263		0.0376	
96.	4	Low quality		XXX	XXX		0.0245		0.0572		0.0817	
97.	5	Lower quality		XXX	XXX		0.0630		0.1128		0.1880	
98.	6	In or near default		XXX	XXX		0.0000		0.2370		0.2370	
99.		Total surplus notes and capital notes (Sum of Lines 93 through 98)	84,045,775	XXX	XXX	84,045,775	XXX	50,150	XXX	158,854	XXX	314,430
		ALL OTHER INVESTMENTS										
100.		NAIC 1 working capital finance investments		XXX			0.0000		0.0042		0.0042	
101.		NAIC 2 working capital finance investments		XXX			0.0000		0.0137		0.0137	
102.		Other invested assets - Schedule BA	529,686,113	XXX		529,686,113	0.0000		0.1580	83,690,406	0.1580	83,690,406
103.		Other short-term invested assets - Schedule DA		XXX			0.0000		0.1580		0.1580	
104.		Total all other (Sum of Lines 100 through 103)	529,686,113	XXX		529,686,113	XXX		XXX	83,690,406	XXX	83,690,406
105.		Total other invested assets - Schedules BA & DA (Sum of Lines 29, 37, 64, 70, 74, 79, 92, 99 and 104)	43,688,085,853		7,886,398,376	51,574,484,229	XXX	92,722,752	XXX	6,806,791,242	XXX	6,898,443,137

(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
91283#AD5	CN	912828-S5-0	TSY INFL IX N/B UNITED STATES TREASURY IN .125 0.125% DUE 07/15/2026					
91283#AD5	R		Asset Swap	1A	10,054,027	5,027	16,086	33,178
81379LA@5	R		Interest Rate Swap	1D	25,564,113	12,782	40,903	84,362
81379LA@5	CN	912810-QK-7	US TREASURY N/B UNITED STATES TREASURY NO 3.87 3.875% DUE 08/15/2040					
81379LA@5	CN	20772G-F4-5	CONNECTICUT ST STATE OF CONNECTICUT 5.85 03/1 5.85% DUE 03/15/2032					
81379LA*7	R		Interest Rate Swap	1D	25,623,075	12,812	40,997	84,556
81379LA*7	CN	912810-QK-7	US TREASURY N/B UNITED STATES TREASURY NO 3.87 3.875% DUE 08/15/2040					
81379LA*7	CN	20772G-F4-5	CONNECTICUT ST STATE OF CONNECTICUT 5.85 03/1 5.85% DUE 03/15/2032					
12607@NR7	R		CDX-NAIGS37 7-15 12/20/2026	1F	98,378,102	49,189	157,405	324,648
12607@NR7	CN	912810-RW-0	TSY INFL IX N/B UNITED STATES TREASURY IN .875 0.875% DUE 02/15/2047					
12607@NR7	CN	912810-RW-0	TSY INFL IX N/B UNITED STATES TREASURY IN .875 0.875% DUE 02/15/2047					
12607@NW6	R		CDX-NAIGS37 7-15 12/20/2026	1F	50,003,442	25,002	80,006	165,011
12607@NW6	CN	546676-AU-1	LOUISVILLE GAS & ELEC 1ST MORTG 5.125% DUE 11/15/2040					
12607@NW6	CN	546676-AU-1	LOUISVILLE GAS & ELEC 1ST MORTG 5.125% DUE 11/15/2040					
12607@NW6	CN	546676-AU-1	LOUISVILLE GAS & ELEC 1ST MORTG 5.125% DUE 11/15/2040					
12607@NW6	CN	546676-AU-1	LOUISVILLE GAS & ELEC 1ST MORTG 5.125% DUE 11/15/2040					
12607@NW6	CN	546676-AU-1	LOUISVILLE GAS & ELEC 1ST MORTG 5.125% DUE 11/15/2040					
12607@NW6	CN	546676-AU-1	LOUISVILLE GAS & ELEC 1ST MORTG 5.125% DUE 11/15/2040					
12607@NW6	CN	26875P-AQ-4	EOG RESOURCES INC SR UNSEC 5.1% DUE 01/15/2036					
12607@PJ3	R		CDX-NAIGS37 7-15 12/20/2026	1F	50,009,541	25,005	80,015	165,031
12607@PJ3	CN	694476-AE-2	PACIFIC LIFECORP SERIES 144A 3.35% DUE 09/15/2050					
12607@PJ3	CN	694476-AE-2	PACIFIC LIFECORP SERIES 144A 3.35% DUE 09/15/2050					
12607@PJ3	CN	694476-AE-2	PACIFIC LIFECORP SERIES 144A 3.35% DUE 09/15/2050					
12607@PJ3	CN	04636N-AB-9	ASTRAZENECA FINANCE LLC 2 1/4% DUE 5/28/2031 MN28 2.25% DUE 05/28/2031					
12607@QV5	R		CDX-NAIGS37 7-15 12/20/2026	1F	50,001,048	25,001	80,002	165,003
12607@QV5	CN	89417E-AJ-8	TRAVELERS COS INC SR UNSEC 4.6% DUE 08/01/2043					
12607@QV5	CN	89417E-AJ-8	TRAVELERS COS INC SR UNSEC 4.6% DUE 08/01/2043					
12607@QV5	CN	00115A-AF-6	AEP TRANSMISSION CO LLC SR UNSEC 4% DUE 12/01/2046					
12607@QV5	CN	00115A-AF-6	AEP TRANSMISSION CO LLC SR UNSEC 4% DUE 12/01/2046					
12607@QV5	CN	00115A-AF-6	AEP TRANSMISSION CO LLC SR UNSEC 4% DUE 12/01/2046					
12607@QV5	CN	00115A-AF-6	AEP TRANSMISSION CO LLC SR UNSEC 4% DUE 12/01/2046					
12607@UD0	R		CDX-NAIGS37 7-15 12/20/2026	1D	100,083,354	50,042	160,133	330,275
12607@UD0	CN	891160-MJ-9	TORONTO-DOMINION BANK SUBORD 3.625% DUE 09/15/2031					
12607@UD0	CN	891160-MJ-9	TORONTO-DOMINION BANK SUBORD 3.625% DUE 09/15/2031					
12607@UD0	CN	904764-AH-0	UNILEVER CAPITAL CORP CO.GUARNT 5.9% DUE 11/15/2032					
12607@UD0	CN	891160-MJ-9	TORONTO-DOMINION BANK SUBORD 3.625% DUE 09/15/2031					
12607@UD0	CN	891160-MJ-9	TORONTO-DOMINION BANK SUBORD 3.625% DUE 09/15/2031					
12607@UD0	CN	891160-MJ-9	TORONTO-DOMINION BANK SUBORD 3.625% DUE 09/15/2031					
12607@UD0	CN	891160-MJ-9	TORONTO-DOMINION BANK SUBORD 3.625% DUE 09/15/2031					
12607@UD0	CN	891160-MJ-9	TORONTO-DOMINION BANK SUBORD 3.625% DUE 09/15/2031					
12607@UD0	CN	891160-MJ-9	TORONTO-DOMINION BANK SUBORD 3.625% DUE 09/15/2031					
12607@UD0	CN	891160-MJ-9	TORONTO-DOMINION BANK SUBORD 3.625% DUE 09/15/2031					
12607@UD0	CN	891160-MJ-9	TORONTO-DOMINION BANK SUBORD 3.625% DUE 09/15/2031					
12607@UE8	R		CDX-NAIGS37 7-15 12/20/2026	1D	50,072,809	25,036	80,116	165,240
12607@UE8	CN	341081-FB-8	FLORIDA POWER & LIGHT CO 1ST MORTG 5.96% DUE 04/01/2039					
12607@UP3	R		CDX-NAIGS37 7-15 12/20/2026	1D	50,010,355	25,005	80,017	165,034
12607@UP3	CN	872287-AL-1	TCI COMMUNICATIONS INC SR UNSEC 7.125% DUE 02/15/2028					
12607@UP3	CN	903312-AA-4	USB REALTY CORP JR SUBORDINATED 5.31315% DUE PERPETUAL					
12607@UP3	CN	773903-AB-5	ROCKWELL AUTOMATION INC SR UNSEC 6.7% DUE 01/15/2028					
12607@UP3	CN	773903-AB-5	ROCKWELL AUTOMATION INC SR UNSEC 6.7% DUE 01/15/2028					
12607@UP3	CN	649840-CR-4	NY STATE ELECTRIC & GAS SR UNSEC 3.3% DUE 09/15/2049					
12607@UP3	CN	210518-DH-6	CONSUMERS ENERGY CO 3 1/2% DUE 8/1/2051 FA1 3.5% DUE 08/01/2051					
12607@VK3	R		CDX-NAIGS37 7-15 12/20/2026	1D	50,109,862	25,055	80,176	165,363
12607@VK3	CN	617446-8P-7	MORGAN STANLEY SERIES MTN 3.622% DUE 04/01/2031					
12607@VK3	CN	010392-FB-9	ALABAMA POWER CO SR UNSEC 6% DUE 03/01/2039					
12607@VK3	CN	010392-FB-9	ALABAMA POWER CO SR UNSEC 6% DUE 03/01/2039					
12607@VF4	R		CDX-NAIGS37 7-15 12/20/2026	1D	50,005,521	25,003	80,009	165,018

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
12607@VF4	CN	842400-EV-1	SOUTHERN CAL EDISON 1ST REF MORT 5.75% DUE 04/01/2035					
12607@VF4	CN	842400-EV-1	SOUTHERN CAL EDISON 1ST REF MORT 5.75% DUE 04/01/2035					
12607@VF4	CN	45138L-BA-0	IDAHO POWER CO 1ST MORTG 4.3% DUE 04/01/2042					
12607@VL1	R		CDX-NAIGS37 7-15 12/20/2026	1D	50,474,833	25,237	80,760	166,567
12607@VL1	CN	976656-BW-7	WISC ELEC POWER SR UNSEC 5.625% DUE 05/15/2033					
12607@VL1	CN	976656-BW-7	WISC ELEC POWER SR UNSEC 5.625% DUE 05/15/2033					
12607@VL1	CN	976656-BW-7	WISC ELEC POWER SR UNSEC 5.625% DUE 05/15/2033					
12607@VL1	CN	976656-BW-7	WISC ELEC POWER SR UNSEC 5.625% DUE 05/15/2033					
12607@VL1	CN	207597-DS-1	CONNECTICUT LIGHT & PWR 1ST REF MORT 5.75% DUE 09/15/2034					
12607@VL1	CN	207597-DS-1	CONNECTICUT LIGHT & PWR 1ST REF MORT 5.75% DUE 09/15/2034					
12607@YU8	R		CDX-NAIGS37 7-15 12/20/2026	1E	5,062,199	2,531	8,100	16,705
12607@YU8	CN	341081-EP-8	FLORIDA POWER & LIGHT CO 1ST MORTG 5.85% DUE 02/01/2033					
12607@YV6	R		CDX-NAIGS37 7-15 12/20/2026	1E	5,110,516	2,555	8,177	16,865
12607@YV6	CN	341081-ES-2	FLORIDA POWER & LIGHT CO 1ST MORTG 5.65% DUE 02/01/2035					
12607@YW4	R		CDX-NAIGS37 7-15 12/20/2026	1F	5,042,907	2,521	8,069	16,642
12607@YW4	CN	45138L-AQ-6	IDAHO POWER CO 1ST MORTG 5.875% DUE 08/15/2034					
12607@ZW3	R		CDX-NAHYS39 35-100 12/20/2027	1A	79,066,005	39,533	126,506	260,918
12607@ZW3	CN	013716-AQ-8	RIO TINTO ALCAN INC SR UNSEC 7.25% DUE 03/15/2031					
12607@ZW3	CN	144141-CY-2	DUKE ENERGY PROGRESS LLC 1ST MORTG 6.3% DUE 04/01/2038					
12607@ZW3	CN	207597-DV-4	CONNECTICUT LIGHT & PWR 1ST REF MORT 6.35% DUE 06/01/2036					
12607@ZW3	CN	207597-EA-9	CONNECTICUT LIGHT & PWR 1ST REF MORT 6.375% DUE 09/01/2037					
12607@ZW3	CN	478160-AJ-3	JOHNSON & JOHNSON SR UNSEC 6.95% DUE 09/01/2029					
12607@ZW3	CN	478160-AJ-3	JOHNSON & JOHNSON SR UNSEC 6.95% DUE 09/01/2029					
12607@ZW3	CN	665772-BQ-1	NORTHERN STATES PWR-MINN 1ST MORTG 6.5% DUE 03/01/2028					
12607@ZW3	CN	665772-BQ-1	NORTHERN STATES PWR-MINN 1ST MORTG 6.5% DUE 03/01/2028					
12607@ZW3	CN	961214-DF-7	WESTPAC BANKING CORP SUBORD 4.322% DUE 11/23/2031					
12607@A91	R		CDX-NAHYS39 35-100 12/20/2027	1F	79,242,806	39,621	126,788	261,501
12607@A91	CN	912810-QU-5	US TREASURY N/B UNITED STATES TREASURY NO 3.12 3.125% DUE 02/15/2042					
12607@A91	CN	912810-QU-5	US TREASURY N/B UNITED STATES TREASURY NO 3.12 3.125% DUE 02/15/2042					
12607@A91	CN	244199-BM-6	DEERE & COMPANY 5.7% DUE 1/19/2055 JJ19 5.7% DUE 01/19/2055					
12776*BH9	R		CDX-NAIGS39 7-15 12/20/2027	1F	50,850,745	25,425	81,361	167,807
12776*BH9	CN	494368-BG-7	KIMBERLY-CLARK CORP SR UNSEC 5.3% DUE 03/01/2041					
12776*BH9	CN	494368-BG-7	KIMBERLY-CLARK CORP SR UNSEC 5.3% DUE 03/01/2041					
12776*BH9	CN	494368-BG-7	KIMBERLY-CLARK CORP SR UNSEC 5.3% DUE 03/01/2041					
12776*BH9	CN	59156R-AM-0	METLIFE INC SR UNSEC 5.7% DUE 06/15/2035					
12776*BH9	CN	59156R-AM-0	METLIFE INC SR UNSEC 5.7% DUE 06/15/2035					
12776*BH9	CN	049560-AK-1	ATMOS ENERGY CORP SR UNSEC 5.5% DUE 06/15/2041					
12776*CC9	R		CDX-NAIGS39 7-15 12/20/2027	1F	50,778,372	25,389	81,245	167,569
12776*CC9	CN	771196-AU-6	ROCHE HOLDINGS INC CO.GUARNT 7% DUE 03/01/2039					
12776*CC9	CN	771196-AU-6	ROCHE HOLDINGS INC CO.GUARNT 7% DUE 03/01/2039					
12776*CC9	CN	910860-AS-7	UNITED MEXICAN STATES SR UNSEC 6.75% DUE 09/27/2034					
12776*CC9	CN	06849V-AA-1	BARRICK GOLD FINANCE CO CO.GUARNT 5.8% DUE 11/15/2034					
12776*CC9	CN	06849V-AA-1	BARRICK GOLD FINANCE CO CO.GUARNT 5.8% DUE 11/15/2034					
12776*CX3	R		CDX-NAIGS39 7-15 12/20/2027	1D	50,117,596	25,059	80,188	165,388
12776*CX3	CN	013716-AW-5	RIO TINTO ALCAN INC SR UNSEC 5.75% DUE 06/01/2035					
12776*CX3	CN	783186-NH-8	RUTGERS NJ ST UNIV RUTGERS THE STATE UNIVERS 5.66 5.665% DUE 05/01/2040					
12776*CX3	CN	013716-AW-5	RIO TINTO ALCAN INC SR UNSEC 5.75% DUE 06/01/2035					
12776*CX3	CN	172062-AE-1	CINCINNATI FINL CORP SR UNSEC 6.125% DUE 11/01/2034					
12776*CX3	CN	172062-AE-1	CINCINNATI FINL CORP SR UNSEC 6.125% DUE 11/01/2034					
12776*CX3	CN	172062-AE-1	CINCINNATI FINL CORP SR UNSEC 6.125% DUE 11/01/2034					
12776*CX3	CN	172062-AE-1	CINCINNATI FINL CORP SR UNSEC 6.125% DUE 11/01/2034					
12776*CX3	CN	172062-AE-1	CINCINNATI FINL CORP SR UNSEC 6.125% DUE 11/01/2034					
12776*CX3	CN	172062-AE-1	CINCINNATI FINL CORP SR UNSEC 6.125% DUE 11/01/2034					
12776*CX3	CN	416515-AP-9	HARTFORD INSURANCE GROUP INC/T SR UNSEC 6.1% DUE 10/01/2041					
12776*DE4	R		CDX-NAIGS39 7-15 12/20/2027	1G	50,523,354	25,262	80,837	166,727
12776*DE4	CN	059165-DX-5	BALTIMORE GAS & ELECTRIC SR UNSEC 5.2% DUE 06/15/2033					
12776*DE4	CN	656531-AG-5	EQUINOR ASA CO.GUARNT 6.8% DUE 01/15/2028					

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
12776*DE4	CN	656531-AG-5	EQUINOR ASA CO.GUARNT 6.8% DUE 01/15/2028					
12776*DE4	CN	656531-AG-5	EQUINOR ASA CO.GUARNT 6.8% DUE 01/15/2028					
12776*DE4	CN	656531-AG-5	EQUINOR ASA CO.GUARNT 6.8% DUE 01/15/2028					
12776*DE4	CN	656531-AG-5	EQUINOR ASA CO.GUARNT 6.8% DUE 01/15/2028					
12776*DE4	CN	907818-BY-3	UNION PACIFIC CORP SR UNSEC 7.125% DUE 02/01/2028					
12776*DE4	CN	907818-BY-3	UNION PACIFIC CORP SR UNSEC 7.125% DUE 02/01/2028					
12776*DE4	CN	059165-DX-5	BALTIMORE GAS & ELECTRIC SR UNSEC 5.2% DUE 06/15/2033					
12776*DE4	CN	059165-DX-5	BALTIMORE GAS & ELECTRIC SR UNSEC 5.2% DUE 06/15/2033					
12776*DE4	CN	059165-DX-5	BALTIMORE GAS & ELECTRIC SR UNSEC 5.2% DUE 06/15/2033					
12776*DE4	CN	059165-DX-5	BALTIMORE GAS & ELECTRIC SR UNSEC 5.2% DUE 06/15/2033					
12776*DE4	CN	059165-DX-5	BALTIMORE GAS & ELECTRIC SR UNSEC 5.2% DUE 06/15/2033					
12776*DE4	CN	059165-DX-5	BALTIMORE GAS & ELECTRIC SR UNSEC 5.2% DUE 06/15/2033					
12776*DE4	CN	656531-AG-5	EQUINOR ASA CO.GUARNT 6.8% DUE 01/15/2028					
91278*DK7	R		Treasury Bond Forward T 3 5/8 05/15/53 (912810TR9)	1A	50,527,911	25,264	80,845	166,742
91278*DK7	CN	91282C-FY-2	US TREASURY N B 3 7/8% DUE 11/30/2029 MN31 3.875% DUE 11/30/2029					
91278*EC4	R		Treasury Bond Forward T 3 5/8 05/15/53 (912810TR9)	1A	50,522,207	25,261	80,836	166,723
91278*EC4	CN	91282C-FY-2	US TREASURY N B 3 7/8% DUE 11/30/2029 MN31 3.875% DUE 11/30/2029					
91278*EC4	CN	91282C-FY-2	US TREASURY N B 3 7/8% DUE 11/30/2029 MN31 3.875% DUE 11/30/2029					
91278*DN1	R		Treasury Bond Forward T 3 5/8 05/15/53 (912810TR9)	1*	50,682,874	25,341	81,093	167,253
91278*DN1	CN	912810-TA-6	US TREASURY N/B 1 3/4% DUE 8/15/2041 FA15 1.75% DUE 08/15/2041					
91278*DN1	CN	476556-CP-8	JERSEY CENTRAL PWR & LT SR UNSEC 6.4% DUE 05/15/2036					
91278*JU9	R		Treasury Bond Forward T 3 5/8 05/15/53 (912810TR9)	1*	50,192,024	25,096	80,307	165,634
91278*JU9	CN	912810-TA-6	US TREASURY N/B 1 3/4% DUE 8/15/2041 FA15 1.75% DUE 08/15/2041					
91278*JU9	CN	912810-TA-6	US TREASURY N/B 1 3/4% DUE 8/15/2041 FA15 1.75% DUE 08/15/2041					
91278*JU9	CN	912810-TA-6	US TREASURY N/B 1 3/4% DUE 8/15/2041 FA15 1.75% DUE 08/15/2041					
91278*JU9	CN	036752-BA-0	ELEVANCE HEALTH INC 5.65% DUE 6/15/2054 JD15 5.65% DUE 06/15/2054					
91278*DP6	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1*	50,890,918	25,445	81,425	167,940
91278*DP6	CN	912810-TA-6	US TREASURY N/B 1 3/4% DUE 8/15/2041 FA15 1.75% DUE 08/15/2041					
91278*DP6	CN	912810-TA-6	US TREASURY N/B 1 3/4% DUE 8/15/2041 FA15 1.75% DUE 08/15/2041					
91278*DP6	CN	783186-NH-8	RUTGERS NJ ST UNIV RUTGERS THE STATE UNIVERS 5.66 5.665% DUE 05/01/2040 ..					
91278*ED2	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	50,538,360	25,269	80,861	166,777
91278*ED2	CN	912810-TA-6	US TREASURY N/B 1 3/4% DUE 8/15/2041 FA15 1.75% DUE 08/15/2041					
91278*ED2	CN	912810-TA-6	US TREASURY N/B 1 3/4% DUE 8/15/2041 FA15 1.75% DUE 08/15/2041					
91278*ED2	CN	783186-NH-8	RUTGERS NJ ST UNIV RUTGERS THE STATE UNIVERS 5.66 5.665% DUE 05/01/2040 ..					
91278*ED2	CN	783186-NH-8	RUTGERS NJ ST UNIV RUTGERS THE STATE UNIVERS 5.66 5.665% DUE 05/01/2040 ..					
91278*DV3	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	50,307,599	25,154	80,492	166,015
91278*DV3	CN	912810-TF-5	US TREASURY N B 2 3/8% DUE 2/15/2042 FA15 2.375% DUE 02/15/2042					
91278*DW1	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	50,315,812	25,158	80,505	166,042
91278*DW1	CN	912810-TF-5	US TREASURY N B 2 3/8% DUE 2/15/2042 FA15 2.375% DUE 02/15/2042					
91278*DX9	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	50,312,527	25,156	80,500	166,031
91278*DX9	CN	912810-TF-5	US TREASURY N B 2 3/8% DUE 2/15/2042 FA15 2.375% DUE 02/15/2042					
91278*DY7	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	50,312,527	25,156	80,500	166,031
91278*DY7	CN	912810-TF-5	US TREASURY N B 2 3/8% DUE 2/15/2042 FA15 2.375% DUE 02/15/2042					
91278*DZ4	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	100,613,555	50,307	160,982	332,025
91278*DZ4	CN	912810-TF-5	US TREASURY N B 2 3/8% DUE 2/15/2042 FA15 2.375% DUE 02/15/2042					
91278*DZ4	CN	912810-TF-5	US TREASURY N B 2 3/8% DUE 2/15/2042 FA15 2.375% DUE 02/15/2042					
91278*EA8	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	50,312,527	25,156	80,500	166,031
91278*EA8	CN	912810-TF-5	US TREASURY N B 2 3/8% DUE 2/15/2042 FA15 2.375% DUE 02/15/2042					
91278*EB6	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	2B	50,457,097	105,960	322,925	534,845
91278*EB6	CN	912810-TF-5	US TREASURY N B 2 3/8% DUE 2/15/2042 FA15 2.375% DUE 02/15/2042					
91278*EB6	CN	893526-8Z-9	TRANSCANADA PIPELINES SR UNSEC 7.625% DUE 01/15/2039					
91278*JV7	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	50,319,918	25,160	80,512	166,056
91278*JV7	CN	912810-TF-5	US TREASURY N B 2 3/8% DUE 2/15/2042 FA15 2.375% DUE 02/15/2042					
91278*JV7	CN	912810-TF-5	US TREASURY N B 2 3/8% DUE 2/15/2042 FA15 2.375% DUE 02/15/2042					
91278*EE0	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	2B	50,767,990	106,613	324,915	538,141
91278*EE0	CN	912810-TF-5	US TREASURY N B 2 3/8% DUE 2/15/2042 FA15 2.375% DUE 02/15/2042					

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
91278*EE0	CN	912810-TF-5	US TREASURY N B 2 3/8% DUE 2/15/2042 FA15 2.375% DUE 02/15/2042					
91278*EE0	CN	03073E-AU-9	CENCORA INC 5 1/8% DUE 2/15/2034 FA15 5.125% DUE 02/15/2034					
91278*EF7	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1E	50,540,271	25,270	80,864	166,783
91278*EF7	CN	912810-TF-5	US TREASURY N B 2 3/8% DUE 2/15/2042 FA15 2.375% DUE 02/15/2042					
91278*EF7	CN	912810-TF-5	US TREASURY N B 2 3/8% DUE 2/15/2042 FA15 2.375% DUE 02/15/2042					
91278*EF7	CN	476556-CP-8	JERSEY CENTRAL PWR & LT SR UNSEC 6.4% DUE 05/15/2036					
91278*CX0	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	50,313,105	25,157	80,501	166,033
91278*CX0	CN	912810-TF-5	US TREASURY N B 2 3/8% DUE 2/15/2042 FA15 2.375% DUE 02/15/2042					
91278*CX0	CN	912810-TF-5	US TREASURY N B 2 3/8% DUE 2/15/2042 FA15 2.375% DUE 02/15/2042					
91278*CY8	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	50,319,261	25,160	80,511	166,054
91278*CY8	CN	912810-TF-5	US TREASURY N B 2 3/8% DUE 2/15/2042 FA15 2.375% DUE 02/15/2042					
91278*CY8	CN	912810-TF-5	US TREASURY N B 2 3/8% DUE 2/15/2042 FA15 2.375% DUE 02/15/2042					
91278*EG5	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	50,000,174	25,000	80,000	165,001
91278*EG5	CN	13063B-N8-1	CALIFORNIA ST STATE OF CALIFORNIA 4.988 04/0 4.988% DUE 04/01/2039					
91278*EG5	CN	13063B-N8-1	CALIFORNIA ST STATE OF CALIFORNIA 4.988 04/0 4.988% DUE 04/01/2039					
91278*EH3	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	50,000,000	25,000	80,000	165,000
91278*EH3	CN	668444-AC-6	NORTHWESTERN UNIVERSITY UNSEC 4.643% DUE 12/01/2044					
91278*EJ9	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	50,352,700	25,176	80,564	166,164
91278*EJ9	CN	796253-Z2-1	SAN ANTONIO TX ELEC & GAS REVE CITY OF SAN ANTONIO TX EL 4.42 4.427% DUE 02					
91278*EJ9	CN	796253-Z2-1	SAN ANTONIO TX ELEC & GAS REVE CITY OF SAN ANTONIO TX EL 4.42 4.427% DUE 02					
91278*EJ9	CN	796253-Z2-1	SAN ANTONIO TX ELEC & GAS REVE CITY OF SAN ANTONIO TX EL 4.42 4.427% DUE 02					
91278*EK6	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	50,007,060	25,004	80,011	165,023
91278*EK6	CN	91159H-JR-2	US BANCORP 5.678% DUE 1/23/2035 JJ23 5.678% DUE 01/23/2035					
91278*EK6	CN	250847-DZ-0	DTE ELECTRIC CO GENL REF MORT 5.45% DUE 02/15/2035					
91278*EK6	CN	250847-DZ-0	DTE ELECTRIC CO GENL REF MORT 5.45% DUE 02/15/2035					
91278*EK6	CN	250847-DZ-0	DTE ELECTRIC CO GENL REF MORT 5.45% DUE 02/15/2035					
91278*EK6	CN	250847-DZ-0	DTE ELECTRIC CO GENL REF MORT 5.45% DUE 02/15/2035					
91278*EK6	CN	250847-DZ-0	DTE ELECTRIC CO GENL REF MORT 5.45% DUE 02/15/2035					
91278*EL4	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	50,219,342	25,110	80,351	165,724
91278*EL4	CN	79467B-CN-3	SALES TAX SECURITIZATION CORP SERIES A 4.787% DUE 01/01/2048					
91278*JW5	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1E	50,012,029	25,006	80,019	165,040
91278*JW5	CN	45656R-CX-8	INDUSTRY CA SALES TAX REVENUE CITY OF INDUSTRY CA 5.125 01/0 5.125% DUE 01/					
91278*JW5	CN	45656R-CX-8	INDUSTRY CA SALES TAX REVENUE CITY OF INDUSTRY CA 5.125 01/0 5.125% DUE 01/					
91278*JW5	CN	45656R-CX-8	INDUSTRY CA SALES TAX REVENUE CITY OF INDUSTRY CA 5.125 01/0 5.125% DUE 01/					
91278*EP5	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1G	50,214,109	25,107	80,343	165,707
91278*EP5	CN	57419T-5S-6	MARYLAND ST CMNTY DEV ADMIN DE SERIES F 6.282% DUE 09/01/2048					
91278*EP5	CN	101137-BA-4	BOSTON SCIENTIFIC CORP 2.65% DUE 6/1/2030 JD1 2.65% DUE 06/01/2030					
91278*EP5	CN	101137-BA-4	BOSTON SCIENTIFIC CORP 2.65% DUE 6/1/2030 JD1 2.65% DUE 06/01/2030					
91278*HY3	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	50,000,000	25,000	80,000	165,000
91278*HY3	CN	74071P-AB-9	PRESBYTERIAN HEALTHC SER 4 7/8% DUE 8/1/2052 FA1 4.875% DUE 08/01/2052					
91278*EM2	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	50,000,000	25,000	80,000	165,000
91278*EM2	CN	231266-LF-2	CURATORS OF THE UNIV OF MISSOU UNIVERSITY OF MISSOURI 4.874 1 4.874% DUE 11					
91278*DA9	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	50,548,212	25,274	80,877	166,809
91278*DA9	CN	912810-TH-1	US TREASURY N B 3 1/8% DUE 5/15/2042 MN15 3.125% DUE 05/15/2042					
91278*DA9	CN	912810-TH-1	US TREASURY N B 3 1/8% DUE 5/15/2042 MN15 3.125% DUE 05/15/2042					
91278*DA9	CN	783186-NH-8	RUTGERS NJ ST UNIV RUTGERS THE STATE UNIVERS 5.66 5.665% DUE 05/01/2040					
91278*CZ5	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	50,109,586	25,055	80,175	165,362
91278*CZ5	CN	912810-TH-1	US TREASURY N B 3 1/8% DUE 5/15/2042 MN15 3.125% DUE 05/15/2042					
91278*CZ5	CN	912810-TH-1	US TREASURY N B 3 1/8% DUE 5/15/2042 MN15 3.125% DUE 05/15/2042					
91278*CZ5	CN	783186-NH-8	RUTGERS NJ ST UNIV RUTGERS THE STATE UNIVERS 5.66 5.665% DUE 05/01/2040					

ASSET VALUATION RESERVE

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

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91278*CZ5	CN	783186-NH-8	RUTGERS NJ ST UNIV RUTGERS THE STATE UNIVERS 5.66 5.665% DUE 05/01/2040					
91278*DB7	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	50,012,082	25,006	80,019	165,040
91278*DB7	CN	017175-AE-0	ALLEGHANY CORP 3 5/8% DUE 5/15/2030 MN15 3.625% DUE 05/15/2030					
91278*DC5	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1E	52,082,734	26,041	83,332	171,873
91278*DC5	CN	035240-AG-5	ANHEUSER-BUSCH INBEV WOR CO.GUARNT 4.95% DUE 01/15/2042					
91278*DC5	CN	235241-LW-4	DALLAS TX AREA RAPID TRANSIT S DALLAS AREA RAPID TRANSIT 5.02 5.022% DUE 12					
91278*DC5	CN	235241-LW-4	DALLAS TX AREA RAPID TRANSIT S DALLAS AREA RAPID TRANSIT 5.02 5.022% DUE 12					
91278*DC5	CN	235241-LW-4	DALLAS TX AREA RAPID TRANSIT S DALLAS AREA RAPID TRANSIT 5.02 5.022% DUE 12					
91278*DC5	CN	235241-LW-4	DALLAS TX AREA RAPID TRANSIT S DALLAS AREA RAPID TRANSIT 5.02 5.022% DUE 12					
91278*DC5	CN	650117-AA-2	NEW YORK TRANSPRTN DEV CORP LE 4.248% DUE 9/1/2035 MS1 4.248% DUE 09/01/203					
91278*DD3	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	50,000,000	25,000	80,000	165,000
91278*DD3	CN	04365X-AA-6	ASCOT GROUP LTD SERIES 144A 4.25% DUE 12/15/2030					
91278*DD3	CN	04365X-AA-6	ASCOT GROUP LTD SERIES 144A 4.25% DUE 12/15/2030					
91278*EN0	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	100,008,511	50,004	160,014	330,028
91278*EN0	CN	249218-BC-1	DENVER CO PUBLIC SCHS COPS DENVER CITY & COUNTY SCHO 4.24 4.242% DUE 12/15/					
91278*EN0	CN	249218-BC-1	DENVER CO PUBLIC SCHS COPS DENVER CITY & COUNTY SCHO 4.24 4.242% DUE 12/15/					
91278*EN0	CN	249218-BC-1	DENVER CO PUBLIC SCHS COPS DENVER CITY & COUNTY SCHO 4.24 4.242% DUE 12/15/					
91278*EN0	CN	249218-BC-1	DENVER CO PUBLIC SCHS COPS DENVER CITY & COUNTY SCHO 4.24 4.242% DUE 12/15/					
91278*EN0	CN	249218-BC-1	DENVER CO PUBLIC SCHS COPS DENVER CITY & COUNTY SCHO 4.24 4.242% DUE 12/15/					
91278*EN0	CN	249218-BC-1	DENVER CO PUBLIC SCHS COPS DENVER CITY & COUNTY SCHO 4.24 4.242% DUE 12/15/					
91278*EN0	CN	249218-BC-1	DENVER CO PUBLIC SCHS COPS DENVER CITY & COUNTY SCHO 4.24 4.242% DUE 12/15/					
91278*EN0	CN	249218-BC-1	DENVER CO PUBLIC SCHS COPS DENVER CITY & COUNTY SCHO 4.24 4.242% DUE 12/15/					
91278*EN0	CN	249218-BC-1	DENVER CO PUBLIC SCHS COPS DENVER CITY & COUNTY SCHO 4.24 4.242% DUE 12/15/					
91278*EN0	CN	249218-BC-1	DENVER CO PUBLIC SCHS COPS DENVER CITY & COUNTY SCHO 4.24 4.242% DUE 12/15/					
91278*EN0	CN	249218-BC-1	DENVER CO PUBLIC SCHS COPS DENVER CITY & COUNTY SCHO 4.24 4.242% DUE 12/15/					
91278*EN0	CN	249218-BC-1	DENVER CO PUBLIC SCHS COPS DENVER CITY & COUNTY SCHO 4.24 4.242% DUE 12/15/					
91278*EN0	CN	249218-BC-1	DENVER CO PUBLIC SCHS COPS DENVER CITY & COUNTY SCHO 4.24 4.242% DUE 12/15/					
91278*HF4	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1F	100,000,000	50,000	160,000	330,000
91278*HF4	CN	544351-RH-4	LOS ANGELES CA SERIES A 5% DUE 09/01/2042					
91278*HF4	CN	79876C-BL-1	SAN MARCOS CA REDEV AGY SUCCES SAN MARCOS REDEVELOPMENT 4.85 4.852% DUE 10					
91278*HF4	CN	79876C-BL-1	SAN MARCOS CA REDEV AGY SUCCES SAN MARCOS REDEVELOPMENT 4.85 4.852% DUE 10					
91278*DE1	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1D	50,000,000	25,000	80,000	165,000
91278*DE1	CN	650119-AR-1	NEW YORK UNIVERSITY UNSEC 4.142% DUE 07/01/2048					
91278*DF8	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	2C	54,769,138	115,015	350,522	580,553

ASSET VALUATION RESERVE

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

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91278*DF8	CN	235241-LW-4	DALLAS TX AREA RAPID TRANSIT S DALLAS AREA RAPID TRANSIT 5.02 5.022% DUE 12					
91278*DF8	CN	235241-LW-4	DALLAS TX AREA RAPID TRANSIT S DALLAS AREA RAPID TRANSIT 5.02 5.022% DUE 12					
91278*DF8	CN	235241-LW-4	DALLAS TX AREA RAPID TRANSIT S DALLAS AREA RAPID TRANSIT 5.02 5.022% DUE 12					
91278*DF8	CN	235241-LW-4	DALLAS TX AREA RAPID TRANSIT S DALLAS AREA RAPID TRANSIT 5.02 5.022% DUE 12					
91278*DF8	CN	845743-BL-6	SOUTHWESTERN PUBLIC SERV SR UNSEC 6% DUE 10/01/2036					
91278*EQ3	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	3A	50,789,240	502,813	1,335,757	1,909,675
91278*EQ3	CN	915137-5R-0	UNIV OF TEXAS TX UNIVERSITY OF TEXAS SYSTE 4.79 4.794% DUE 08/15/2046					
91278*EQ3	CN	09659T-2A-8	BNP PARIBAS SUBORD 4.375% DUE 03/01/2033					
91278*DG6	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	2B	50,083,704	105,176	320,536	530,887
91278*DG6	CN	38141G-A9-5	GOLDMAN SACHS GROUP INC 5.851% DUE 4/25/2035 A025 5.851% DUE 04/25/2035					
91278*DG6	CN	38141G-A9-5	GOLDMAN SACHS GROUP INC 5.851% DUE 4/25/2035 A025 5.851% DUE 04/25/2035					
91278*DG6	CN	78016F-ZQ-0	ROYAL BANK OF CANADA 3 7/8% DUE 5/4/2032 MN4 3.875% DUE 05/04/2032					
91278*DG6	CN	404119-CU-1	HCA INC 5.6% DUE 4/1/2034 A01 5.6% DUE 04/01/2034					
91278*JB1	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1F	50,858,476	25,429	81,374	167,833
91278*JB1	CN	13063D-3T-3	CALIFORNIA ST 5.2% DUE 3/1/2043 MS1 5.2% DUE 03/01/2043					
91278*ER1	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1A	55,269,959	27,635	88,432	182,391
91278*ER1	CN	00287Y-CY-3	ABBVIE INC SERIES WI 4.55% DUE 03/15/2035					
91278*ES9	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1E	100,227,445	50,114	160,364	330,751
91278*ES9	CN	007110-AD-1	ADMINISTRATORS OF THE TULANE E 5 1/4% DUE 2/15/2048 FA15 5.25% DUE 02/15/20					
91278*ES9	CN	914729-QP-6	UNIV OF N TEXAS TX UNIVERSITY OF NORTH TEXAS 4.83 4.838% DUE 04/15/2045					
91278*ES9	CN	674599-DD-4	OCCIDENTAL PETROLEUM COR 7 1/2% DUE 5/1/2031 MN1 7.5% DUE 05/01/2031					
91278*ES9	CN	57587G-TN-5	MASSACHUSETTS ST HSG FIN AGY H SERIES 226 5.562% DUE 12/01/2052					
91278*ES9	CN	097023-AG-0	BOEING CO SR UNSEC 8.625% DUE 11/15/2031					
91278*ET7	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	1*	50,011,369	25,006	80,018	165,038
91278*ET7	CN	026874-DA-2	AMERICAN INTL GROUP SR UNSEC 4.5% DUE 07/16/2044					
91278*ET7	CN	026874-DA-2	AMERICAN INTL GROUP SR UNSEC 4.5% DUE 07/16/2044					
91278*ET7	CN	438516-CT-1	HONEYWELL INTERNATIONAL 5 1/4% DUE 3/1/2054 MS1 5.25% DUE 03/01/2054					
91278*EU4	R		Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)	2B	50,096,172	105,202	320,616	531,019
91278*EU4	CN	35561R-AA-5	FRED HUTCH CNCR CTR SERIES 2022 4.966% DUE 01/01/2052					
91278*EU4	CN	59333A-MC-2	MIAMI-DADE CNTY FL EDUCTNL FAC MIAMI-DADE COUNTY EDUCATI 5.07 5.073% DUE 04					
91278*EU4	CN	720186-AH-8	PIEDMONT NATURAL GAS CO SR UNSEC 4.1% DUE 09/18/2034					
91278*EW0	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	3C	50,015,330	495,152	1,315,403	1,880,576
91278*EW0	CN	73358W-EK-6	PORT AUTH OF NEW YORK & NEW JE PORT AUTHORITY OF NEW YOR 4.92 4.926% DUE 10					
91278*EW0	CN	597749-7F-1	MIDLAND TX SERIES A 4.669% DUE 03/01/2050					
91278*EW0	CN	597749-7F-1	MIDLAND TX SERIES A 4.669% DUE 03/01/2050					
91278*EX8	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	2B	100,105,780	210,222	640,677	1,061,121
91278*EX8	CN	983024-AN-0	WYETH LLC CO.GUARNT 5.95% DUE 04/01/2037					
91278*EX8	CN	983024-AN-0	WYETH LLC CO.GUARNT 5.95% DUE 04/01/2037					
91278*EX8	CN	87264A-CW-3	T MOBILE USA INC 5.65% DUE 1/15/2053 JJ15 5.65% DUE 01/15/2053					
91278*EX8	CN	87264A-CW-3	T MOBILE USA INC 5.65% DUE 1/15/2053 JJ15 5.65% DUE 01/15/2053					
91278*EX8	CN	677632-MV-0	OHIO ST UNIV OHIO STATE UNIVERSITY/THE 4.91 4.91% DUE 06/01/2040					
91278*EX8	CN	05330G-AA-2	AUTORIDAD CANAL DE PANAM SR UNSEC 4.95% DUE 07/29/2035					
91278*FC3	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	2A	50,257,476	105,541	321,648	532,729
91278*FC3	CN	92343V-EA-8	VERIZON COMMUNICATIONS SR UNSEC 4.5% DUE 08/10/2033					
91278*FC3	CN	92343V-EA-8	VERIZON COMMUNICATIONS SR UNSEC 4.5% DUE 08/10/2033					
91278*FC3	CN	260003-AK-4	DOVER CORP SR UNSEC 5.375% DUE 03/01/2041					
91278*FA7	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	2B	100,001,601	210,003	640,010	1,060,017
91278*FA7	CN	25243Y-AH-2	DIAGEO CAPITAL PLC CO.GUARNT 5.875% DUE 09/30/2036					
91278*FA7	CN	25243Y-AH-2	DIAGEO CAPITAL PLC CO.GUARNT 5.875% DUE 09/30/2036					
91278*FA7	CN	64966S-NH-5	NEW YORK NY SERIES H 6.291% DUE 02/01/2045					

ASSET VALUATION RESERVE

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

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91278*FA7	CN	962166-BR-4	WEYERHAEUSER CO SR UNSEC 7.375% DUE 03/15/2032					
91278*FA7	CN	962166-BR-4	WEYERHAEUSER CO SR UNSEC 7.375% DUE 03/15/2032					
91278*FA7	CN	012873-AK-1	ENCANA CORP CO.GUARNT 7.375% DUE 11/01/2031					
91278*FA7	CN	012873-AK-1	ENCANA CORP CO.GUARNT 7.375% DUE 11/01/2031					
91278*FA7	CN	03522A-AH-3	ANHEUSER-BUSCH CO/INBEV CO.GUARNT 4.7% DUE 02/01/2036					
91278*FA7	CN	744320-BP-6	PRUDENTIAL FINANCIAL INC HYB 6.5% DUE 03/15/2054					
91278*FB5	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	1E	50,072,080	25,036	80,115	165,238
91278*FB5	CN	927804-FE-9	VIRGINIA ELEC & POWER CO SR UNSEC 6.35% DUE 11/30/2037					
91278*FB5	CN	74727P-AL-5	STATE OF QATAR SR UNSEC 6.4% DUE 01/20/2040					
91278*FB5	CN	404119-CU-1	HCA INC 5.6% DUE 4/1/2034 A01 5.6% DUE 04/01/2034					
91278*FD1	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	2A	50,166,454	105,350	321,065	531,764
91278*FD1	CN	94106L-AG-4	WASTE MANAGEMENT INC CO.GUARNT 7.375% DUE 05/15/2029					
91278*FD1	CN	94106L-AG-4	WASTE MANAGEMENT INC CO.GUARNT 7.375% DUE 05/15/2029					
91278*FD1	CN	361448-AX-1	GATX CORP SR UNSEC 4.5% DUE 03/30/2045					
91278*FD1	CN	361448-AX-1	GATX CORP SR UNSEC 4.5% DUE 03/30/2045					
91278*FD1	CN	361448-AX-1	GATX CORP SR UNSEC 4.5% DUE 03/30/2045					
91278*FD1	CN	361448-AX-1	GATX CORP SR UNSEC 4.5% DUE 03/30/2045					
91278*FD1	CN	035240-AV-2	ANHEUSER BUSCH INBEV WOR 3 1/2% DUE 6/1/2030 JD1 3.5% DUE 06/01/2030					
91278*FE9	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	2A	100,120,120	210,252	640,769	1,061,273
91278*FE9	CN	452227-JN-2	ILLINOIS ST SALES TAX REVENUE STATE OF ILLINOIS 4.62 06/15/2 4.62% DUE 06/1					
91278*FE9	CN	583334-AB-3	WESTROCK MWV LLC CO.GUARNT 6.8% DUE 11/15/2032					
91278*FE9	CN	583334-AB-3	WESTROCK MWV LLC CO.GUARNT 6.8% DUE 11/15/2032					
91278*FE9	CN	35561R-AA-5	FRED HUTCH CNCR CTR SERIES 2022 4.966% DUE 01/01/2052					
91278*FE9	CN	26442C-AE-4	DUKE ENERGY CAROLINAS 1ST MORTG 6.05% DUE 04/15/2038					
91278*FE9	CN	26442C-AE-4	DUKE ENERGY CAROLINAS 1ST MORTG 6.05% DUE 04/15/2038					
91278*FF6	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	2B	50,665,626	106,398	324,260	537,056
91278*FF6	CN	913017-BS-7	RTX CORP SR UNSEC 5.7% DUE 04/15/2040					
91278*FF6	CN	913017-BS-7	RTX CORP SR UNSEC 5.7% DUE 04/15/2040					
91278*FF6	CN	89566E-AD-0	TRISTATE GEN&TRANS ASSN 1ST MORTG 6% DUE 06/15/2040					
91278*JA3	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	1G	100,016,872	50,008	160,027	330,056
91278*JA3	CN	73102Q-AA-4	POLAR TANKERS INC CO.GUARNT 5.951% DUE 05/10/2037					
91278*JA3	CN	902917-AH-6	WASTE MANAGEMENT INC CO.GUARNT 7% DUE 07/15/2028					
91278*JA3	CN	902917-AH-6	WASTE MANAGEMENT INC CO.GUARNT 7% DUE 07/15/2028					
91278*JA3	CN	902917-AH-6	WASTE MANAGEMENT INC CO.GUARNT 7% DUE 07/15/2028					
91278*JA3	CN	26875P-AQ-4	EOG RESOURCES INC SR UNSEC 5.1% DUE 01/15/2036					
91278*JA3	CN	73102Q-AA-4	POLAR TANKERS INC CO.GUARNT 5.951% DUE 05/10/2037					
91278*JA3	CN	760759-AF-7	REPUBLIC SERVICES INC SR UNSEC 6.086% DUE 03/15/2035					
91278*JA3	CN	760759-AF-7	REPUBLIC SERVICES INC SR UNSEC 6.086% DUE 03/15/2035					
91278*JA3	CN	760759-AF-7	REPUBLIC SERVICES INC SR UNSEC 6.086% DUE 03/15/2035					
91278*JA3	CN	760759-AF-7	REPUBLIC SERVICES INC SR UNSEC 6.086% DUE 03/15/2035					
91278*JA3	CN	902917-AH-6	WASTE MANAGEMENT INC CO.GUARNT 7% DUE 07/15/2028					
91278*JA3	CN	902917-AH-6	WASTE MANAGEMENT INC CO.GUARNT 7% DUE 07/15/2028					
91278*JA3	CN	902917-AH-6	WASTE MANAGEMENT INC CO.GUARNT 7% DUE 07/15/2028					
91278*FH2	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	2B	50,699,950	106,470	324,480	537,419
91278*FH2	CN	73358W-RQ-9	PORT AUTH OF NEW YORK & NEW JE PORT AUTHORITY OF NEW YOR 5.31 5.31% DUE 08/					
91278*FH2	CN	92931D-AE-2	PL UK DISTR/WESTERN PWR SR UNSEC 7.375% DUE 12/15/2028					
91278*FH2	CN	92931D-AE-2	PL UK DISTR/WESTERN PWR SR UNSEC 7.375% DUE 12/15/2028					
91278*FG4	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	3A	50,080,735	495,799	1,317,123	1,883,036
91278*FG4	CN	283062-FN-2	EL DORADO CA IRR DIST REVENUE SERIES A 4.906% DUE 01/01/2043					
91278*FG4	CN	039483-AU-6	ARCHER DANIELS SR UNSEC 5.375% DUE 09/15/2035					
91278*FG4	CN	039483-AU-6	ARCHER DANIELS SR UNSEC 5.375% DUE 09/15/2035					
91278*FJ8	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	2C	50,784,509	106,647	325,021	538,316
91278*FJ8	CN	13645R-AF-1	CANADIAN PACIFIC RAILWAY SR UNSEC 5.95% DUE 05/15/2037					
91278*FJ8	CN	23311R-AA-4	DCP MIDSTREAM OPERATING CO.GUARNT 6.75% DUE 09/15/2037					
91278*FJ8	CN	17136M-AB-8	CHURCH & DWIGHT CO INC 5% DUE 6/15/2052 JD15 5% DUE 06/15/2052					

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
91278*JC9	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	1F	101,746,271	50,873	162,794	335,763
91278*JC9	CN	37310P-AF-8	GEORGETOWN UNIVERSITY 5.115% DUE 4/1/2053 AO1 5.115% DUE 04/01/2053					
91278*JC9	CN	808513-CH-6	CHARLES SCHWAB CORP 6.136% DUE 8/24/2034 FA24 6.136% DUE 08/24/2034					
91278*JC9	CN	91802R-FY-0	UTILITY DEBT SECURITIZATION AU SERIES T 4.953% DUE 12/15/2039					
91278*JC9	CN	718286-AY-3	REPUBLIC OF PHILIPPINES SR UNSEC 9.5% DUE 02/02/2030					
91278*JC9	CN	67077M-AP-3	NUTRIEN LTD SR UNSEC 7.125% DUE 05/23/2036					
91278*JC9	CN	46115H-BZ-9	INTESA SANPAOLO SPA SERIES 144A 6.625% DUE 06/20/2033					
91278*JC9	CN	91324P-EK-4	UNITEDHEALTH GROUP INC 4 3/4% DUE 5/15/2052 MN15 4.75% DUE 05/15/2052					
91278*FL3	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	1B	101,280,620	50,640	162,049	334,226
91278*FL3	CN	20281P-KG-6	CMWLTH FING AUTH PA COMMONWEALTH FINANCING AU 4.14 4.144% DUE 06/01/2038					
91278*FL3	CN	883203-CC-3	TEXTRON INC 2.45% DUE 3/15/2031 MS15 2.45% DUE 03/15/2031					
91278*FL3	CN	883203-CC-3	TEXTRON INC 2.45% DUE 3/15/2031 MS15 2.45% DUE 03/15/2031					
91278*FL3	CN	235241-LX-2	DALLAS TX AREA RAPID TRANSIT S DALLAS AREA RAPID TRANSIT 4.92 4.922% DUE 12					
91278*FL3	CN	235241-LX-2	DALLAS TX AREA RAPID TRANSIT S DALLAS AREA RAPID TRANSIT 4.92 4.922% DUE 12					
91278*FL3	CN	235241-LX-2	DALLAS TX AREA RAPID TRANSIT S DALLAS AREA RAPID TRANSIT 4.92 4.922% DUE 12					
91278*FL3	CN	235241-LX-2	DALLAS TX AREA RAPID TRANSIT S DALLAS AREA RAPID TRANSIT 4.92 4.922% DUE 12					
91278*FL3	CN	235241-LX-2	DALLAS TX AREA RAPID TRANSIT S DALLAS AREA RAPID TRANSIT 4.92 4.922% DUE 12					
91278*FL3	CN	53079E-BF-0	LIBERTY MUTUAL GROUP INC CO.GUARNT 4.85% DUE 08/01/2044					
91278*FL3	CN	20281P-KG-6	CMWLTH FING AUTH PA COMMONWEALTH FINANCING AU 4.14 4.144% DUE 06/01/2038					
91278*FL3	CN	20281P-KG-6	CMWLTH FING AUTH PA COMMONWEALTH FINANCING AU 4.14 4.144% DUE 06/01/2038					
91278*FL3	CN	20281P-KG-6	CMWLTH FING AUTH PA COMMONWEALTH FINANCING AU 4.14 4.144% DUE 06/01/2038					
91278*FL3	CN	20281P-KG-6	CMWLTH FING AUTH PA COMMONWEALTH FINANCING AU 4.14 4.144% DUE 06/01/2038					
91278*FL3	CN	20281P-KG-6	CMWLTH FING AUTH PA COMMONWEALTH FINANCING AU 4.14 4.144% DUE 06/01/2038					
91278*FL3	CN	20281P-KG-6	CMWLTH FING AUTH PA COMMONWEALTH FINANCING AU 4.14 4.144% DUE 06/01/2038					
91278*FL3	CN	20281P-KG-6	CMWLTH FING AUTH PA COMMONWEALTH FINANCING AU 4.14 4.144% DUE 06/01/2038					
91278*FK5	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	2A	50,379,155	105,796	322,427	534,019
91278*FK5	CN	25746U-AV-1	DOMINION ENERGY INC SR UNSEC 5.95% DUE 06/15/2035					
91278*FK5	CN	25746U-AV-1	DOMINION ENERGY INC SR UNSEC 5.95% DUE 06/15/2035					
91278*FK5	CN	69370P-AA-9	PERTAMINA PERSERO PT SR UNSEC 6.45% DUE 05/30/2044					
91278*FK5	CN	69370P-AA-9	PERTAMINA PERSERO PT SR UNSEC 6.45% DUE 05/30/2044					
91278*FK5	CN	126408-GS-6	CSX CORP SR UNSEC 6.22% DUE 04/30/2040					
91278*FK5	CN	126408-GS-6	CSX CORP SR UNSEC 6.22% DUE 04/30/2040					
91278*FN9	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	3A	50,018,913	495,187	1,315,497	1,880,711
91278*FN9	CN	79771P-J4-8	SAN FRANCISCO CITY & CNTY CA R SAN FRANCISCO CITY & COUN 5.75 5.75% DUE 08/					
91278*FN9	CN	126408-GK-3	CSX CORP SR UNSEC 6.15% DUE 05/01/2037					
91278*FN9	CN	126408-GK-3	CSX CORP SR UNSEC 6.15% DUE 05/01/2037					
91278*FN9	CN	91324P-FR-8	UNITEDHEALTH GROUP INC 5.95% DUE 6/15/2055 JD15 5.95% DUE 06/15/2055					
91278*FP4	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	2B	100,540,594	211,135	643,460	1,065,730
91278*FP4	CN	871829-BT-3	SYSCO CORPORATION 6% DUE 1/17/2034 JJ17 6% DUE 01/17/2034					
91278*FP4	CN	871829-BT-3	SYSCO CORPORATION 6% DUE 1/17/2034 JJ17 6% DUE 01/17/2034					
91278*FP4	CN	871829-BT-3	SYSCO CORPORATION 6% DUE 1/17/2034 JJ17 6% DUE 01/17/2034					
91278*FP4	CN	871829-BT-3	SYSCO CORPORATION 6% DUE 1/17/2034 JJ17 6% DUE 01/17/2034					
91278*FP4	CN	871829-BT-3	SYSCO CORPORATION 6% DUE 1/17/2034 JJ17 6% DUE 01/17/2034					
91278*FP4	CN	031162-CZ-1	AMGEN INC 2% DUE 1/15/2032 JJ15 2% DUE 01/15/2032					
91278*FP4	CN	031162-CZ-1	AMGEN INC 2% DUE 1/15/2032 JJ15 2% DUE 01/15/2032					
91278*FP4	CN	378272-AN-8	GLENCORE FUNDING LLC CO.GUARNT 4% DUE 03/27/2027					
91278*FQ2	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	3A	50,057,688	495,571	1,316,517	1,882,169
91278*FQ2	CN	73358W-RQ-9	PORT AUTH OF NEW YORK & NEW JE PORT AUTHORITY OF NEW YOR 5.31 5.31% DUE 08/					
91278*FQ2	CN	012653-AE-1	ALBEMARLE CORP 5.05% DUE 6/1/2032 JD1 5.05% DUE 06/01/2032					

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91278*FR0	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	2B	50,740,293	106,555	324,738	537,847
91278*FR0	CN	92857W-AB-6	VODAFONE GROUP PLC SR UNSEC 6.25% DUE 11/30/2032					
91278*FR0	CN	92857W-AB-6	VODAFONE GROUP PLC SR UNSEC 6.25% DUE 11/30/2032					
91278*FR0	CN	92857W-AB-6	VODAFONE GROUP PLC SR UNSEC 6.25% DUE 11/30/2032					
91278*FR0	CN	760942-AS-1	REPUBLICA ORIENT URUGUAY SR UNSEC 7.625% DUE 03/21/2036					
91278*FR0	CN	760942-AS-1	REPUBLICA ORIENT URUGUAY SR UNSEC 7.625% DUE 03/21/2036					
91278*FT6	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	2A	50,013,695	105,029	320,088	530,145
91278*FT6	CN	023551-AJ-3	HESS CORP SR UNSEC 7.3% DUE 08/15/2031					
91278*FT6	CN	023551-AJ-3	HESS CORP SR UNSEC 7.3% DUE 08/15/2031					
91278*FT6	CN	26882P-AR-3	ERAC USA FINANCE LLC CO.GUARNT 6.7% DUE 06/01/2034					
91278*FT6	CN	26882P-AR-3	ERAC USA FINANCE LLC CO.GUARNT 6.7% DUE 06/01/2034					
91278*FT6	CN	26882P-AR-3	ERAC USA FINANCE LLC CO.GUARNT 6.7% DUE 06/01/2034					
91278*FS8	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	2B	100,079,874	210,168	640,511	1,060,847
91278*FS8	CN	172967-CC-3	CITIGROUP INC SUBORD 6% DUE 10/31/2033					
91278*FS8	CN	15189X-AD-0	CENTERPOINT ENER HOUSTON GENL REF MORT 6.95% DUE 03/15/2033					
91278*FS8	CN	375558-CD-3	GILEAD SCIENCES INC 5 1/2% DUE 11/15/2054 MN15 5.5% DUE 11/15/2054					
91278*FS8	CN	375558-CD-3	GILEAD SCIENCES INC 5 1/2% DUE 11/15/2054 MN15 5.5% DUE 11/15/2054					
91278*FS8	CN	018820-AD-2	ALLIANZ SE SERIES 144A HYB 5.6% DUE 09/03/2054					
91278*FS8	CN	018820-AD-2	ALLIANZ SE SERIES 144A HYB 5.6% DUE 09/03/2054					
91278*FU3	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	2A	50,642,569	106,349	324,112	536,811
91278*FU3	CN	875127-AW-2	TAMPA ELECTRIC CO SR UNSEC 6.15% DUE 05/15/2037					
91278*FU3	CN	875127-AW-2	TAMPA ELECTRIC CO SR UNSEC 6.15% DUE 05/15/2037					
91278*FU3	CN	292505-AE-4	ENCANA CORP CO.GUARNT 6.625% DUE 08/15/2037					
91278*FU3	CN	292505-AE-4	ENCANA CORP CO.GUARNT 6.625% DUE 08/15/2037					
91278*FU3	CN	70109H-AJ-4	PARKER-HANNIFIN CORP SR UNSEC 6.25% DUE 05/15/2038					
91278*FU3	CN	097023-AU-9	BOEING CO SR UNSEC 6.125% DUE 02/15/2033					
91278*FU3	CN	097023-AU-9	BOEING CO SR UNSEC 6.125% DUE 02/15/2033					
91278*FV1	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	2B	50,013,504	105,028	320,086	530,143
91278*FV1	CN	666807-BD-3	NORTHROP GRUMMAN CORP SR UNSEC 5.05% DUE 11/15/2040					
91278*FV1	CN	693627-AK-7	DUKE ENERGY INDIANA INC 1ST MORTG 8.31% DUE 09/01/2032					
91278*FV1	CN	693627-AK-7	DUKE ENERGY INDIANA INC 1ST MORTG 8.31% DUE 09/01/2032					
91278* HJ 6	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	1E	50,134,946	25,067	80,216	165,445
91278* HJ 6	CN	38143V-AA-7	GOLDMAN SACHS CAPITAL I LTD GUARNT 6.345% DUE 02/15/2034					
91278* HJ 6	CN	38143V-AA-7	GOLDMAN SACHS CAPITAL I LTD GUARNT 6.345% DUE 02/15/2034					
91278* HJ 6	CN	38143V-AA-7	GOLDMAN SACHS CAPITAL I LTD GUARNT 6.345% DUE 02/15/2034					
91278* HJ 6	CN	655844-AX-6	NORFOLK SOUTHERN CORP SR UNSEC 5.64% DUE 05/17/2029					
91278*JL9	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	1E	59,345,790	29,673	94,953	195,841
91278*JL9	CN	651639-AW-6	NEWMONT GOLDCORP CORP CO.GUARNT 5.875% DUE 04/01/2035					
91278*FW9	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	2B	50,574,838	106,207	323,679	536,093
91278*FW9	CN	62582P-AA-8	MUNICH RE SERIES 144A 5.875% DUE 05/23/2042					
91278*FW9	CN	13645R-AV-6	CANADIAN PACIFIC RAILWAY SR UNSEC 4.8% DUE 09/15/2035					
91278*FW9	CN	13645R-AV-6	CANADIAN PACIFIC RAILWAY SR UNSEC 4.8% DUE 09/15/2035					
91278*FW9	CN	13645R-AV-6	CANADIAN PACIFIC RAILWAY SR UNSEC 4.8% DUE 09/15/2035					
91278*FW9	CN	13645R-AV-6	CANADIAN PACIFIC RAILWAY SR UNSEC 4.8% DUE 09/15/2035					
91278*FW9	CN	13645R-AV-6	CANADIAN PACIFIC RAILWAY SR UNSEC 4.8% DUE 09/15/2035					
91278*FW9	CN	40434L-AN-5	HP INC 5 1/2% DUE 1/15/2033 JJ15 5.5% DUE 01/15/2033					
91278*HG2	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	1E	50,058,494	25,029	80,094	165,193
91278*HG2	CN	025932-AP-9	AMERICAN FINANCIAL GROUP 5 1/4% DUE 4/2/2030 A02 5.25% DUE 04/02/2030					
91278*HG2	CN	025932-AP-9	AMERICAN FINANCIAL GROUP 5 1/4% DUE 4/2/2030 A02 5.25% DUE 04/02/2030					
91278*HG2	CN	257469-AJ-5	DOMINION ENERGY INC SR UNSEC 5.25% DUE 08/01/2033					
91278*KF0	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	1*	100,067,650	50,034	160,108	330,223
91278*KF0	CN	745332-BU-9	PUGET SOUND ENERGY INC SR SEC 5.483% DUE 06/01/2035					
91278*KF0	CN	040555-CH-5	ARIZONA PUBLIC SERVICE SR UNSEC 5.5% DUE 09/01/2035					
91278*KF0	CN	040555-CH-5	ARIZONA PUBLIC SERVICE SR UNSEC 5.5% DUE 09/01/2035					
91278*KF0	CN	136385-AG-6	CANADIAN NATL RESOURCES SR UNSEC 5.85% DUE 02/01/2035					
91278*KF0	CN	136385-AG-6	CANADIAN NATL RESOURCES SR UNSEC 5.85% DUE 02/01/2035					
91278*KF0	CN	136385-AG-6	CANADIAN NATL RESOURCES SR UNSEC 5.85% DUE 02/01/2035					

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
91278*KF0	CN	136385-AG-6	CANADIAN NATL RESOURCES SR UNSEC 5.85% DUE 02/01/2035					
91278*KF0	CN	57419T-5T-4	MARYLAND ST CMNTY DEV ADMIN DE SERIES F 6.362% DUE 09/01/2053					
91278*KF0	CN	57419T-5T-4	MARYLAND ST CMNTY DEV ADMIN DE SERIES F 6.362% DUE 09/01/2053					
91278*JM7	R		Treasury Bond Forward T 3 08/15/52 (912810TJ7)	1E	100,086,428	50,043	160,138	330,285
91278*JM7	CN	00287Y-AR-0	ABBVIE INC SR UNSEC 4.5% DUE 05/14/2035					
91278*JM7	CN	69369E-AF-6	PERTAMINA PERSERO PT SR UNSEC 5.625% DUE 05/20/2043					
91278*JM7	CN	69369E-AF-6	PERTAMINA PERSERO PT SR UNSEC 5.625% DUE 05/20/2043					
91278*JM7	CN	21036P-BL-1	CONSTELLATION BRANDS INC 4 3/4% DUE 5/9/2032 MN9 4.75% DUE 05/09/2032					
91278*JM7	CN	655855-FB-5	NORFOLK SOUTHERN RAIL CO SR UNSEC 7.875% DUE 05/15/2043					
91278*JM7	CN	655855-FB-5	NORFOLK SOUTHERN RAIL CO SR UNSEC 7.875% DUE 05/15/2043					
91278*JM7	CN	00287Y-AR-0	ABBVIE INC SR UNSEC 4.5% DUE 05/14/2035					
91278*JM7	CN	00287Y-AR-0	ABBVIE INC SR UNSEC 4.5% DUE 05/14/2035					
91278*JM7	CN	00287Y-AR-0	ABBVIE INC SR UNSEC 4.5% DUE 05/14/2035					
91278*JM7	CN	20772G-F4-5	CONNECTICUT ST STATE OF CONNECTICUT 5.85 03/1 5.85% DUE 03/15/2032					
91278*JM7	CN	040555-CH-5	ARIZONA PUBLIC SERVICE SR UNSEC 5.5% DUE 09/01/2035					
91278*JM7	CN	69369E-AF-6	PERTAMINA PERSERO PT SR UNSEC 5.625% DUE 05/20/2043					
91278*JM7	CN	69369E-AF-6	PERTAMINA PERSERO PT SR UNSEC 5.625% DUE 05/20/2043					
91278*JM7	CN	69369E-AF-6	PERTAMINA PERSERO PT SR UNSEC 5.625% DUE 05/20/2043					
91278*FY5	R		Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)	1A	103,699,116	51,850	165,919	342,207
91278*FY5	CN	001192-AH-6	SOUTHERN CO GAS CAPITAL CO.GUARNT 5.875% DUE 03/15/2041					
91278*FY5	CN	018820-AC-4	ALLIANZ SE SERIES 144A 6.35% DUE 09/06/2053					
91278*FY5	CN	018820-AC-4	ALLIANZ SE SERIES 144A 6.35% DUE 09/06/2053					
91278*FY5	CN	361841-AK-5	GLP CAPITAL LP / FIN II CO.GUARNT 5.75% DUE 06/01/2028					
91278*FY5	CN	39121J-AH-3	GREAT RIVER ENERGY 1ST MORTG 4.478% DUE 07/01/2030					
91278*FY5	CN	674599-DJ-1	OCCIDENTAL PETROLEUM COR 6.2% DUE 3/15/2040 MS15 6.2% DUE 03/15/2040					
91278*HH0	R		Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)	1E	100,245,494	50,123	160,393	330,810
91278*HH0	CN	03040W-AD-7	AMERICAN WATER CAP CORP SR UNSEC 6.593% DUE 10/15/2037					
91278*HH0	CN	845743-BJ-1	SOUTHWESTERN PUBLIC SERV SR UNSEC 6% DUE 10/01/2033					
91278*HH0	CN	845743-BJ-1	SOUTHWESTERN PUBLIC SERV SR UNSEC 6% DUE 10/01/2033					
91278*HH0	CN	189054-AZ-2	CLOROX COMPANY 4.6% DUE 5/1/2032 MN1 4.6% DUE 05/01/2032					
91278*HH0	CN	036752-AX-1	ELEVANCE HEALTH INC 6.1% DUE 10/15/2052 AO15 6.1% DUE 10/15/2052					
91278*HH0	CN	64971Q-6Y-4	NEW YORK CITY NY TRANSITIONAL NEW YORK CITY TRANSITIONA 4.6 4.6% DUE 11/01/					
91278*HH0	CN	760759-AK-6	REPUBLIC SERVICES INC SR UNSEC 6.2% DUE 03/01/2040					
91278*HH0	CN	760759-AK-6	REPUBLIC SERVICES INC SR UNSEC 6.2% DUE 03/01/2040					
91278*FZ2	R		Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)	1A	102,380,270	51,190	163,808	337,855
91278*FZ2	CN	452227-FT-3	ILLINOIS ST SALES TAX REVENUE STATE OF ILLINOIS 4.08 06/15/2 4.08% DUE 06/1					
91278*FZ2	CN	00388W-AG-6	ABU DHABI NATIONAL ENERG SR UNSEC 4.875% DUE 04/23/2030					
91278*FZ2	CN	67077M-AF-5	NUTRIEN LTD SR UNSEC 5.875% DUE 12/01/2036					
91278*GA6	R		Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)	1A	100,428,518	50,214	160,686	331,414
91278*GA6	CN	73358W-RQ-9	PORT AUTH OF NEW YORK & NEW JE PORT AUTHORITY OF NEW YOR 5.31 5.31% DUE 08/					
91278*GA6	CN	05523R-AM-9	BAE SYSTEMS PLC SERIES 144A 5.5% DUE 03/26/2054					
91278*GA6	CN	05523R-AM-9	BAE SYSTEMS PLC SERIES 144A 5.5% DUE 03/26/2054					
91278*GA6	CN	73358W-RQ-9	PORT AUTH OF NEW YORK & NEW JE PORT AUTHORITY OF NEW YOR 5.31 5.31% DUE 08/					
91278*GA6	CN	714264-AK-4	PERNOD RICARD SA SR UNSEC 5.5% DUE 01/15/2042					
91278*GA6	CN	33938X-AB-1	FLEX LTD 4 7/8% DUE 5/12/2030 MN12 4.875% DUE 05/12/2030					
91278*GA6	CN	33938X-AB-1	FLEX LTD 4 7/8% DUE 5/12/2030 MN12 4.875% DUE 05/12/2030					
91278*GA6	CN	61747Y-FV-2	MORGAN STANLEY VAR % DUE 11/19/2055 MN19 5.516% DUE 11/19/2055					
91278*GA6	CN	05523R-AM-9	BAE SYSTEMS PLC SERIES 144A 5.5% DUE 03/26/2054					
91278*GA6	CN	05523R-AM-9	BAE SYSTEMS PLC SERIES 144A 5.5% DUE 03/26/2054					
91278*GA6	CN	05523R-AM-9	BAE SYSTEMS PLC SERIES 144A 5.5% DUE 03/26/2054					
91278*GP3	R		Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)	1*	50,187,187	25,094	80,299	165,618
91278*GP3	CN	494368-BC-6	KIMBERLY-CLARK CORP SR UNSEC 6.625% DUE 08/01/2037					
91278*GP3	CN	494368-BC-6	KIMBERLY-CLARK CORP SR UNSEC 6.625% DUE 08/01/2037					

ASSET VALUATION RESERVE

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

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91278*GP3	CN	893574-AB-9	TRANSCONT GAS PIPE LINE SR UNSEC 5.4% DUE 08/15/2041					
91278*GP3	CN	29278G-AX-6	ENEL FINANCE INTL NV SERIES 144A 5% DUE 06/15/2032					
91278*GP3	CN	92826C-AE-2	VISA INC SR UNSEC 4.15% DUE 12/14/2035					
91278*JQ8	R		Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)	1E	101,133,609	50,567	161,814	333,741
91278*JQ8	CN	111021-AE-1	BRITISH TELECOMMUNICATIO SR UNSEC 9.625% DUE 12/15/2030					
91278*JQ8	CN	111021-AE-1	BRITISH TELECOMMUNICATIO SR UNSEC 9.625% DUE 12/15/2030					
91278*JQ8	CN	111021-AE-1	BRITISH TELECOMMUNICATIO SR UNSEC 9.625% DUE 12/15/2030					
91278*JQ8	CN	111021-AE-1	BRITISH TELECOMMUNICATIO SR UNSEC 9.625% DUE 12/15/2030					
91278*JQ8	CN	111021-AE-1	BRITISH TELECOMMUNICATIO SR UNSEC 9.625% DUE 12/15/2030					
91278*JQ8	CN	89352H-AL-3	TRANSCANADA PIPELINES SR UNSEC 5% DUE 10/16/2043					
91278*JQ8	CN	89352H-AL-3	TRANSCANADA PIPELINES SR UNSEC 5% DUE 10/16/2043					
91278*JQ8	CN	94973V-BK-2	ANTHEM INC SR UNSEC 4.65% DUE 08/15/2044					
91278*JQ8	CN	94973V-BK-2	ANTHEM INC SR UNSEC 4.65% DUE 08/15/2044					
91278*HK3	R		Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)	1E	100,636,262	50,318	161,018	332,100
91278*HK3	CN	75513E-BU-4	RTX CORP SERIES WI 7% DUE 04/15/2038					
91278*HK3	CN	35561R-AA-5	FRED HUTCH CNCR CTR SERIES 2022 4.966% DUE 01/01/2052					
91278*HK3	CN	73358W-RQ-9	PORT AUTH OF NEW YORK & NEW JE PORT AUTHORITY OF NEW YOR 5.31 5.31% DUE 08/					
91278*HK3	CN	73358W-RQ-9	PORT AUTH OF NEW YORK & NEW JE PORT AUTHORITY OF NEW YOR 5.31 5.31% DUE 08/					
91278*HK3	CN	64989K-GR-1	NEW YORK ST PWR AUTH REVENUE NEW YORK POWER AUTHORITY 5.985 5.985% DUE 11/1					
91278*HK3	CN	264399-ED-4	DUKE ENERGY CAROLINAS CO.GUARNT 6.45% DUE 10/15/2032					
91278*HK3	CN	264399-ED-4	DUKE ENERGY CAROLINAS CO.GUARNT 6.45% DUE 10/15/2032					
91278*HM9	R		Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)	1E	100,203,253	50,102	160,325	330,671
91278*HM9	CN	91282C-EP-2	US TREASURY N B 2 7/8% DUE 5/15/2032 MN15 2.875% DUE 05/15/2032					
91278*HM9	CN	91282C-EP-2	US TREASURY N B 2 7/8% DUE 5/15/2032 MN15 2.875% DUE 05/15/2032					
91278*HM9	CN	375558-CA-9	GILEAD SCIENCES INC 5.55% DUE 10/15/2053 A015 5.55% DUE 10/15/2053					
91278*GR9	R		Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)	1*	100,248,786	50,124	160,398	330,821
91278*GR9	CN	91282C-EP-2	US TREASURY N B 2 7/8% DUE 5/15/2032 MN15 2.875% DUE 05/15/2032					
91278*GR9	CN	91282C-EP-2	US TREASURY N B 2 7/8% DUE 5/15/2032 MN15 2.875% DUE 05/15/2032					
91278*GR9	CN	375558-CA-9	GILEAD SCIENCES INC 5.55% DUE 10/15/2053 A015 5.55% DUE 10/15/2053					
91278*GS7	R		Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)	1*	100,476,494	50,238	160,762	331,572
91278*GS7	CN	136385-AE-1	CANADIAN NATL RESOURCES SR UNSEC 6.45% DUE 06/30/2033					
91278*GS7	CN	717265-AM-4	FREEPORT MINERALS CORP CO.GUARNT 6.125% DUE 03/15/2034					
91278*GS7	CN	717265-AM-4	FREEPORT MINERALS CORP CO.GUARNT 6.125% DUE 03/15/2034					
91278*GS7	CN	717265-AM-4	FREEPORT MINERALS CORP CO.GUARNT 6.125% DUE 03/15/2034					
91278*GS7	CN	717265-AM-4	FREEPORT MINERALS CORP CO.GUARNT 6.125% DUE 03/15/2034					
91278*GS7	CN	717265-AM-4	FREEPORT MINERALS CORP CO.GUARNT 6.125% DUE 03/15/2034					
91278*GS7	CN	717265-AM-4	FREEPORT MINERALS CORP CO.GUARNT 6.125% DUE 03/15/2034					
91278*GS7	CN	136385-AE-1	CANADIAN NATL RESOURCES SR UNSEC 6.45% DUE 06/30/2033					
91278*GS7	CN	136385-AE-1	CANADIAN NATL RESOURCES SR UNSEC 6.45% DUE 06/30/2033					
91278*GS7	CN	136385-AE-1	CANADIAN NATL RESOURCES SR UNSEC 6.45% DUE 06/30/2033					
91278*GS7	CN	172070-CQ-5	DUKE ENERGY OHIO INC SR UNSEC 5.375% DUE 06/15/2033					
91278*GS7	CN	172070-CQ-5	DUKE ENERGY OHIO INC SR UNSEC 5.375% DUE 06/15/2033					
91278*GS7	CN	172070-CQ-5	DUKE ENERGY OHIO INC SR UNSEC 5.375% DUE 06/15/2033					
91278*GS7	CN	172070-CQ-5	DUKE ENERGY OHIO INC SR UNSEC 5.375% DUE 06/15/2033					
91278*GS7	CN	172070-CQ-5	DUKE ENERGY OHIO INC SR UNSEC 5.375% DUE 06/15/2033					
TBD	R		Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)	1*	157,991,731	78,996	252,787	521,373
TBD	CN	677050-AG-1	OGLETHORPE POWER CORP 1ST MORTG 5.95% DUE 11/01/2039					
TBD	CN	80413T-AH-2	SAUDI INTERNATIONAL BOND SR UNSEC 4.5% DUE 04/17/2030					
TBD	CN	949746-NL-1	WELS FARGO CO NEW ALT TIER 5.95% DUE 12/1/2086 JD15 5.95% DUE 12/01/2086 .					
TBD	CN	452152-QW-4	ILLINOIS ST STATE OF ILLINOIS 5.52 04/01/2 5.52% DUE 04/01/2038					
TBD	CN	88258M-AB-1	TEXAS NATURAL GAS SECURITIZATI SERIES 2023-1 CLASS A2 5.169% DUE 04/01/2041					
91278*DS0	R		Treasury Total Return Swap T 4 1/8 08/15/53 (912810TT5)	1E	100,028,717	50,014	160,046	330,095

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91278*DS0	CN	59333P-3W-6	MIAMI-DADE CNTY FL AVIATION RE COUNTY OF MIAMI-DADE FL A 4.28 4.28% DUE 10/					
91278*DS0	CN	912810-FP-8	US TREASURY N/B UNITED STATES TREASURY NO 5.37 5.375% DUE 02/15/2031					
91278*DS0	CN	26442C-AB-0	DUKE ENERGY CAROLINAS 1ST REF MORT 6% DUE 01/15/2038					
91278*DS0	CN	882723-B9-9	TEXAS ST STATE OF TEXAS 3.938 10/01/203 3.938% DUE 10/01/2033					
91278*DS0	CN	832696-AZ-1	JM SMUCKER CO 6 1/2% DUE 11/15/2053 MN15 6.5% DUE 11/15/2053					
91278*GT5	R		Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)	1E	100,168,562	50,084	160,270	330,556
91278*GT5	CN	084423-AP-7	BERKLEY -WR CORP SR UNSEC 6.25% DUE 02/15/2037					
91278*GT5	CN	455780-BJ-4	REPUBLIC OF INDONESIA SR UNSEC 5.25% DUE 01/17/2042					
91278*GT5	CN	910860-AV-0	UNITED MEXICAN STATES SR UNSEC 6.05% DUE 01/11/2040					
91278*GT5	CN	910860-AV-0	UNITED MEXICAN STATES SR UNSEC 6.05% DUE 01/11/2040					
91278*GT5	CN	910860-AV-0	UNITED MEXICAN STATES SR UNSEC 6.05% DUE 01/11/2040					
91278*GT5	CN	910860-AV-0	UNITED MEXICAN STATES SR UNSEC 6.05% DUE 01/11/2040					
91278*GT5	CN	084423-AP-7	BERKLEY -WR CORP SR UNSEC 6.25% DUE 02/15/2037					
91278*GT5	CN	13645R-AE-4	CANADIAN PACIFIC RR CO SR UNSEC 5.75% DUE 03/15/2033					
91278*GT5	CN	13645R-AE-4	CANADIAN PACIFIC RR CO SR UNSEC 5.75% DUE 03/15/2033					
91278*GT5	CN	13645R-AE-4	CANADIAN PACIFIC RR CO SR UNSEC 5.75% DUE 03/15/2033					
91278*GT5	CN	13645R-AE-4	CANADIAN PACIFIC RR CO SR UNSEC 5.75% DUE 03/15/2033					
91278*GT5	CN	455780-BJ-4	REPUBLIC OF INDONESIA SR UNSEC 5.25% DUE 01/17/2042					
91278*GT5	CN	455780-BJ-4	REPUBLIC OF INDONESIA SR UNSEC 5.25% DUE 01/17/2042					
91278*GT5	CN	455780-BJ-4	REPUBLIC OF INDONESIA SR UNSEC 5.25% DUE 01/17/2042					
91278*DT8	R		Treasury Total Return Swap T 4 1/8 08/15/53 (912810TT5)	1E	100,171,866	50,086	160,275	330,567
91278*DT8	CN	172967-DR-9	CITIGROUP INC SUBORD 6.125% DUE 08/25/2036					
91278*DT8	CN	25746U-AN-9	DOMINION ENERGY INC SR UNSEC 6.3% DUE 03/15/2033					
91278*DT8	CN	26442C-AB-0	DUKE ENERGY CAROLINAS 1ST REF MORT 6% DUE 01/15/2038					
91278*DT8	CN	172967-DR-9	CITIGROUP INC SUBORD 6.125% DUE 08/25/2036					
91278*DT8	CN	172967-DR-9	CITIGROUP INC SUBORD 6.125% DUE 08/25/2036					
91278*DT8	CN	725906-AH-4	BARRICK GOLD CORP SR UNSEC 6.375% DUE 03/01/2033					
91278*DT8	CN	725906-AH-4	BARRICK GOLD CORP SR UNSEC 6.375% DUE 03/01/2033					
91278*DT8	CN	64990F-MV-3	NEW YORK ST DORM AUTH ST PERSO 5.427% DUE 3/15/2039 MS15 5.427% DUE 03/15/2					
91278*DT8	CN	548661-EM-5	LOWE S COS INC 5 5/8% DUE 4/15/2053 A015 5.625% DUE 04/15/2053					
91278*DT8	CN	548661-EM-5	LOWE S COS INC 5 5/8% DUE 4/15/2053 A015 5.625% DUE 04/15/2053					
91278*DT8	CN	25746U-AN-9	DOMINION ENERGY INC SR UNSEC 6.3% DUE 03/15/2033					
91278*GU2	R		Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)	2A	100,310,746	210,653	641,989	1,063,294
91278*GU2	CN	89352H-AB-5	TRANSCANADA PIPELINES SR UNSEC 5.85% DUE 03/15/2036					
91278*GU2	CN	29250R-AD-8	ENBRIDGE ENERGY PARTNERS SR UNSEC 5.95% DUE 06/01/2033					
91278*GU2	CN	89352H-AB-5	TRANSCANADA PIPELINES SR UNSEC 5.85% DUE 03/15/2036					
91278*GU2	CN	89352H-AB-5	TRANSCANADA PIPELINES SR UNSEC 5.85% DUE 03/15/2036					
91278*GU2	CN	89352H-AB-5	TRANSCANADA PIPELINES SR UNSEC 5.85% DUE 03/15/2036					
91278*GU2	CN	126408-GU-1	CSX CORP SR UNSEC 5.5% DUE 04/15/2041					
91278*GU2	CN	126408-GU-1	CSX CORP SR UNSEC 5.5% DUE 04/15/2041					
91278*GU2	CN	29250R-AD-8	ENBRIDGE ENERGY PARTNERS SR UNSEC 5.95% DUE 06/01/2033					
91278*GU2	CN	29250R-AD-8	ENBRIDGE ENERGY PARTNERS SR UNSEC 5.95% DUE 06/01/2033					
91278*GU2	CN	29250R-AD-8	ENBRIDGE ENERGY PARTNERS SR UNSEC 5.95% DUE 06/01/2033					
91278*GV0	R		Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)	1E	100,821,632	50,411	161,315	332,711
91278*GV0	CN	225401-AP-3	UBS GROUP AG SERIES 144A 7.86% DUE 04/01/2031					
91278*GV0	CN	225401-AP-3	UBS GROUP AG SERIES 144A 7.86% DUE 04/01/2031					
91278*GV0	CN	13032U-D9-6	CALIFORNIA ST HLTH FACS FING A 4.353% DUE 6/1/2041 JD1 4.353% DUE 06/01/204					
91278*GV0	CN	13032U-D9-6	CALIFORNIA ST HLTH FACS FING A 4.353% DUE 6/1/2041 JD1 4.353% DUE 06/01/204					
91278*HA5	R		Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)	2B	100,016,708	210,035	640,107	1,060,177
91278*HA5	CN	494550-BK-1	KINDER MORGAN ENER PART CO.GUARNT 5.625% DUE 09/01/2041					
91278*HA5	CN	677052-AA-0	OGLETHORPE POWER CORP 1ST MORTG 5.375% DUE 11/01/2040					
91278*HA5	CN	677052-AA-0	OGLETHORPE POWER CORP 1ST MORTG 5.375% DUE 11/01/2040					
91278*HA5	CN	744320-BJ-0	PRUDENTIAL FINANCIAL INC HYB 5.125% DUE 03/01/2052					

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
91278*HA5	CN	929903-AM-4	WELLS FARGO & CO SUBORD 5.5% DUE 08/01/2035					
91278*HA5	CN	37959E-AB-8	GLOBE LIFE INC 4.8% DUE 6/15/2032 JD15 4.8% DUE 06/15/2032					
91278*HB3	R		Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)	1D	100,144,862	50,072	160,232	330,478
91278*HB3	CN	090572-AQ-1	BIO RAD LABS 3.7% DUE 3/15/2032 MS15 3.7% DUE 03/15/2032					
91278*HB3	CN	94106L-BB-4	WASTE MANAGEMENT INC CO.GUARNT 3.9% DUE 03/01/2035					
91278*HB3	CN	94106L-BB-4	WASTE MANAGEMENT INC CO.GUARNT 3.9% DUE 03/01/2035					
91278*HB3	CN	94106L-BB-4	WASTE MANAGEMENT INC CO.GUARNT 3.9% DUE 03/01/2035					
91278*HB3	CN	94106L-BB-4	WASTE MANAGEMENT INC CO.GUARNT 3.9% DUE 03/01/2035					
91278*HB3	CN	94106L-BB-4	WASTE MANAGEMENT INC CO.GUARNT 3.9% DUE 03/01/2035					
91278*HB3	CN	94106L-BB-4	WASTE MANAGEMENT INC CO.GUARNT 3.9% DUE 03/01/2035					
91278*HB3	CN	446150-BD-5	HUNTINGTON BANCSHARES 5.709% DUE 2/2/2035 FA2 5.709% DUE 02/02/2035					
91278*HB3	CN	446150-BD-5	HUNTINGTON BANCSHARES 5.709% DUE 2/2/2035 FA2 5.709% DUE 02/02/2035					
91278*HB3	CN	94106L-BB-4	WASTE MANAGEMENT INC CO.GUARNT 3.9% DUE 03/01/2035					
91278*HB3	CN	94106L-BB-4	WASTE MANAGEMENT INC CO.GUARNT 3.9% DUE 03/01/2035					
91278*HB3	CN	94106L-BB-4	WASTE MANAGEMENT INC CO.GUARNT 3.9% DUE 03/01/2035					
91278*HB3	CN	94106L-BB-4	WASTE MANAGEMENT INC CO.GUARNT 3.9% DUE 03/01/2035					
91278*HB3	CN	94106L-BB-4	WASTE MANAGEMENT INC CO.GUARNT 3.9% DUE 03/01/2035					
91278*HB3	CN	94106L-BB-4	WASTE MANAGEMENT INC CO.GUARNT 3.9% DUE 03/01/2035					
91278*HS6	R		Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)	1*	101,007,198	50,504	161,612	333,324
91278*HS6	CN	235308-UL-5	DALLAS TX INDEP SCH DIST DALLAS INDEPENDENT SCHOOL 5.04 5.049% DUE 08/15/20					
91278*HS6	CN	89602N-UM-4	TRIBOROUGH NY BRIDGE & TUNNEL TRIBOROUGH BRIDGE & TUNNE 5.42 5.42% DUE 11/1					
91278*HS6	CN	89602N-UM-4	TRIBOROUGH NY BRIDGE & TUNNEL TRIBOROUGH BRIDGE & TUNNE 5.42 5.42% DUE 11/1					
91278*HS6	CN	91911T-AE-3	VALE OVERSEAS LIMITED CO.GUARNT 8.25% DUE 01/17/2034					
91278*JX3	R		Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)	2A	75,689,122	158,947	484,410	802,305
91278*JX3	CN	94973V-BB-2	ANTHEM INC SR UNSEC 4.65% DUE 01/15/2043					
91278*JX3	CN	94973V-BB-2	ANTHEM INC SR UNSEC 4.65% DUE 01/15/2043					
91278*JX3	CN	94973V-BB-2	ANTHEM INC SR UNSEC 4.65% DUE 01/15/2043					
91278*JX3	CN	94973V-BB-2	ANTHEM INC SR UNSEC 4.65% DUE 01/15/2043					
91278*JX3	CN	59156R-AJ-7	METLIFE INC SR UNSEC 6.375% DUE 06/15/2034					
91278*JX3	CN	59156R-AJ-7	METLIFE INC SR UNSEC 6.375% DUE 06/15/2034					
91278*JX3	CN	13648T-AD-9	CANADIAN PACIFIC RAILWAY 4.3% DUE 5/15/2043 MN15 4.3% DUE 05/15/2043					
91278*HC1	R		Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)	2A	76,143,058	159,900	487,316	807,116
91278*HC1	CN	375558-BJ-1	GILEAD SCIENCES INC SR UNSEC 4% DUE 09/01/2036					
91278*HC1	CN	375558-BJ-1	GILEAD SCIENCES INC SR UNSEC 4% DUE 09/01/2036					
91278*HC1	CN	375558-BJ-1	GILEAD SCIENCES INC SR UNSEC 4% DUE 09/01/2036					
91278*HC1	CN	375558-BJ-1	GILEAD SCIENCES INC SR UNSEC 4% DUE 09/01/2036					
91278*HC1	CN	682680-AN-3	ONEOK INC CO.GUARNT 6% DUE 06/15/2035					
91278*HC1	CN	718546-AK-0	PHILLIPS 66 CO.GUARNT 4.65% DUE 11/15/2034					
91278*HC1	CN	75513E-BT-7	RTX CORP SERIES WI 6.8% DUE 07/01/2036					
91278*HD9	R		Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)	2A	75,255,159	158,036	481,633	797,705
91278*HD9	CN	225313-AK-1	CREDIT AGRICOLE SA SUBORD 4% DUE 01/10/2033					
91278*HD9	CN	225313-AK-1	CREDIT AGRICOLE SA SUBORD 4% DUE 01/10/2033					
91278*HD9	CN	29379V-BC-6	ENTERPRISE PRODUCTS OPER CO.GUARNT 5.1% DUE 02/15/2045					
91278*HD9	CN	29379V-BC-6	ENTERPRISE PRODUCTS OPER CO.GUARNT 5.1% DUE 02/15/2045					
91278*HD9	CN	665772-CG-2	NORTHERN STATES PWR-MINN 1ST MORTG 4.85% DUE 08/15/2040					
91278*HD9	CN	548661-EH-6	LOWE S COS INC 3 3/4% DUE 4/1/2032 A01 3.75% DUE 04/01/2032					
12776*GF8	R		CDX-NAIGS41 7-15 12/20/2028	1D	100,715,600	50,358	161,145	332,361
12776*GF8	CN	92778L-BL-3	VIRGINIA ST CMWLTH UNIV HLTH S VIRGINIA COMMONWEALTH UNI 4.95 4.956% DUE 01					
12776*GF8	CN	92778L-BL-3	VIRGINIA ST CMWLTH UNIV HLTH S VIRGINIA COMMONWEALTH UNI 4.95 4.956% DUE 01					
12776*GF8	CN	92778L-BL-3	VIRGINIA ST CMWLTH UNIV HLTH S VIRGINIA COMMONWEALTH UNI 4.95 4.956% DUE 01					
12776*GF8	CN	89417E-AR-0	TRAVELERS COS INC 3.05% DUE 6/8/2051 JD8 3.05% DUE 06/08/2051					

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
12776*GN1	R.		CDX-NAIGS41 7-15 12/20/2028	1F	100,784,024	50,392	161,254	332,587
12776*GN1	CN.	678858-BN-0	OKLAHOMA G&E CO SR UNSEC 3.9% DUE 05/01/2043					
12776*GN1	CN.	678858-BN-0	OKLAHOMA G&E CO SR UNSEC 3.9% DUE 05/01/2043					
12776*GN1	CN.	678858-BN-0	OKLAHOMA G&E CO SR UNSEC 3.9% DUE 05/01/2043					
12776*GN1	CN.	678858-BN-0	OKLAHOMA G&E CO SR UNSEC 3.9% DUE 05/01/2043					
12776*GN1	CN.	912810-QK-7	US TREASURY N/B UNITED STATES TREASURY NO 3.87 3.875% DUE 08/15/2040					
12776*GN1	CN.	912810-QK-7	US TREASURY N/B UNITED STATES TREASURY NO 3.87 3.875% DUE 08/15/2040					
12776*GP6	R.		CDX-NAIGS41 7-15 12/20/2028	1F	50,280,913	25,140	80,449	165,927
12776*GP6	CN.	202795-HG-8	COMMONWEALTH EDISON CO 1ST MORTG 5.875% DUE 02/01/2033					
12776*GP6	CN.	202795-HG-8	COMMONWEALTH EDISON CO 1ST MORTG 5.875% DUE 02/01/2033					
12776*GP6	CN.	202795-HG-8	COMMONWEALTH EDISON CO 1ST MORTG 5.875% DUE 02/01/2033					
12776*GP6	CN.	882508-BD-5	TEXAS INSTRUMENTS INC SR UNSEC 4.15% DUE 05/15/2048					
12776*GP6	CN.	961548-AY-0	WESTROCK MWV LLC CO.GUARNT 7.95% DUE 02/15/2031					
12776*GQ4	R.		CDX-NAIGS41 7-15 12/20/2028	1F	100,201,614	50,101	160,323	330,665
12776*GQ4	CN.	459200-KB-6	IBM CORP SR UNSEC 4.15% DUE 05/15/2039					
12776*GQ4	CN.	571676-AF-2	MARS INC SERIES 144A 3.95% DUE 04/01/2049					
12776*GQ4	CN.	571676-AF-2	MARS INC SERIES 144A 3.95% DUE 04/01/2049					
12776*GQ4	CN.	717081-EC-3	PFIZER INC SR UNSEC 4% DUE 12/15/2036					
12776*GQ4	CN.	717081-EC-3	PFIZER INC SR UNSEC 4% DUE 12/15/2036					
12776*GQ4	CN.	98419M-AL-4	XYLEM INC 2 1/4% DUE 1/30/2031 JJ30 2.25% DUE 01/30/2031					
12776*GQ4	CN.	681919-BB-1	OMNICOM GROUP INC 2.45% DUE 4/30/2030 AO30 2.45% DUE 04/30/2030					
12776*GS0	R.		CDX-NAIGS41 7-15 12/20/2028	1E	100,501,362	50,251	160,802	331,654
12776*GS0	CN.	149123-BS-9	CATERPILLAR INC SR UNSEC 5.2% DUE 05/27/2041					
12776*GS0	CN.	149123-BS-9	CATERPILLAR INC SR UNSEC 5.2% DUE 05/27/2041					
12776*GS0	CN.	378272-BQ-0	GLENCORE FUNDING LLC SERIES 144A 6.5% DUE 10/06/2033					
12776*GS0	CN.	842400-ES-8	SOUTHERN CAL EDISON 1ST REF MORT 6% DUE 01/15/2034					
12776*GS0	CN.	842400-ES-8	SOUTHERN CAL EDISON 1ST REF MORT 6% DUE 01/15/2034					
12776*GS0	CN.	842400-ES-8	SOUTHERN CAL EDISON 1ST REF MORT 6% DUE 01/15/2034					
12776*GU5	R.		CDX-NAIGS41 7-15 12/20/2028	1D	100,919,475	50,460	161,471	333,034
12776*GU5	CN.	575767-AQ-1	MASS MUTUAL LIFE INS CO SERIES 144A 3.375% DUE 04/15/2050					
12776*GU5	CN.	575767-AQ-1	MASS MUTUAL LIFE INS CO SERIES 144A 3.375% DUE 04/15/2050					
12776*GU5	CN.	575767-AQ-1	MASS MUTUAL LIFE INS CO SERIES 144A 3.375% DUE 04/15/2050					
12776*GU5	CN.	575767-AQ-1	MASS MUTUAL LIFE INS CO SERIES 144A 3.375% DUE 04/15/2050					
12776*GU5	CN.	575767-AQ-1	MASS MUTUAL LIFE INS CO SERIES 144A 3.375% DUE 04/15/2050					
12776*GU5	CN.	57587G-T5-4	MASSACHUSETTS ST HSG FIN AGY H SERIES 240 6.039% DUE 12/01/2049					
12776*GU5	CN.	452227-FT-3	ILLINOIS ST SALES TAX REVENUE STATE OF ILLINOIS 4.08 06/15/2 4.08% DUE 06/1					
12776*GT8	R.		CDX-NAIGS41 7-15 12/20/2028	1E	100,495,152	50,248	160,792	331,634
12776*GT8	CN.	695114-CB-2	PACIFICORP 1ST MORTG 6.1% DUE 08/01/2036					
12776*GT8	CN.	695114-CB-2	PACIFICORP 1ST MORTG 6.1% DUE 08/01/2036					
12776*GT8	CN.	695114-CB-2	PACIFICORP 1ST MORTG 6.1% DUE 08/01/2036					
12776*GT8	CN.	74456Q-BB-1	PUBLIC SERVICE ELECTRIC SECURED 3.8% DUE 01/01/2043					
12776*GT8	CN.	74456Q-BB-1	PUBLIC SERVICE ELECTRIC SECURED 3.8% DUE 01/01/2043					
12776*GT8	CN.	95000U-2L-6	WELLS FARGO & COMPANY SERIES MTN 4.47% DUE 04/04/2031					
12776*GT8	CN.	126410-LL-1	CSX TRANSPORTATION INC SR UNSEC 7.875% DUE 05/15/2043					
12776*GV3	R.		CDX-NAIGS41 7-15 12/20/2028	1D	100,386,221	50,193	160,618	331,275
12776*GV3	CN.	912810-QK-7	US TREASURY N/B UNITED STATES TREASURY NO 3.87 3.875% DUE 08/15/2040					
12776*GV3	CN.	912810-QK-7	US TREASURY N/B UNITED STATES TREASURY NO 3.87 3.875% DUE 08/15/2040					
12776*GV3	CN.	912810-QK-7	US TREASURY N/B UNITED STATES TREASURY NO 3.87 3.875% DUE 08/15/2040					
12776*GW1	R.		CDX-NAIGS41 7-15 12/20/2028	1G	100,405,408	50,203	160,649	331,338
12776*GW1	CN.	06051G-HU-6	BANK OF AMERICA CORP SR UNSEC 4.078% DUE 04/23/2040					
12776*GW1	CN.	797440-BM-5	SAN DIEGO G & E 1ST MORTG 4.5% DUE 08/15/2040					
12776*GW1	CN.	797440-BM-5	SAN DIEGO G & E 1ST MORTG 4.5% DUE 08/15/2040					
12776*GW1	CN.	797440-BM-5	SAN DIEGO G & E 1ST MORTG 4.5% DUE 08/15/2040					
12776*GW1	CN.	13648T-AD-9	CANADIAN PACIFIC RAILWAY 4.3% DUE 5/15/2043 MN15 4.3% DUE 05/15/2043					
12776*GW1	CN.	12189L-AC-5	BURLINGTN NORTH SANTA FE SR UNSEC 5.05% DUE 03/01/2041					
12776*QU4	R.		CDX-NAIGS41 7-15 12/20/2028	1E	100,039,150	50,020	160,063	330,129

ASSET VALUATION RESERVE

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

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12776*QU4	CN	126650-CM-0	CVS HEALTH CORP SR UNSEC 4.875% DUE 07/20/2035					
12776*QU4	CN	594918-BS-2	MICROSOFT CORP SR UNSEC 3.45% DUE 08/08/2036					
12776*QU4	CN	594918-BS-2	MICROSOFT CORP SR UNSEC 3.45% DUE 08/08/2036					
12776*QU4	CN	767201-AL-0	RIO TINTO FIN USA LTD CO.GUARNT 5.2% DUE 11/02/2040					
12776*QU4	CN	767201-AL-0	RIO TINTO FIN USA LTD CO.GUARNT 5.2% DUE 11/02/2040					
12776*QU4	CN	606822-CG-7	MITSUBISHI UFJ FIN GRP 4.315% DUE 4/19/2033 A019 4.315% DUE 04/19/2033					
12776*QU4	CN	26442C-AB-0	DUKE ENERGY CAROLINAS 1ST REF MORT 6% DUE 01/15/2038					
12776*QU4	CN	26442C-AB-0	DUKE ENERGY CAROLINAS 1ST REF MORT 6% DUE 01/15/2038					
12776*QU4	CN	097023-CW-3	BOEING CO 5.805% DUE 5/1/2050 MN1 5.805% DUE 05/01/2050					
12776*GY7	R		CDX-NAIGS41 7-15 12/20/2028	1G	100,432,590	50,216	160,692	331,428
12776*GY7	CN	02361D-AN-0	AMEREN ILLINOIS CO SR SEC 4.3% DUE 07/01/2044					
12776*GY7	CN	02361D-AN-0	AMEREN ILLINOIS CO SR SEC 4.3% DUE 07/01/2044					
12776*GY7	CN	02361D-AN-0	AMEREN ILLINOIS CO SR SEC 4.3% DUE 07/01/2044					
12776*GY7	CN	11120V-AJ-2	BRIXMOR OPERATING PART 4.05% DUE 7/1/2030 JJ1 4.05% DUE 07/01/2030					
12776*GY7	CN	11120V-AJ-2	BRIXMOR OPERATING PART 4.05% DUE 7/1/2030 JJ1 4.05% DUE 07/01/2030					
12776*GY7	CN	341081-FB-8	FLORIDA POWER & LIGHT CO 1ST MORTG 5.96% DUE 04/01/2039					
12776*GY7	CN	75884R-BA-0	REGENCY CENTERS LP 3.7% DUE 6/15/2030 JD15 3.7% DUE 06/15/2030					
12776*GY7	CN	95000U-2M-4	WELLS FARGO & COMPANY SERIES MTN 5.013% DUE 04/04/2051					
12776*GX9	R		CDX-NAIGS41 7-15 12/20/2028	1E	100,708,588	50,354	161,134	332,338
12776*GX9	CN	00913R-AE-6	AIR LIQUIDE FINANCE CO.GUARNT 3.5% DUE 09/27/2046					
12776*GX9	CN	68233J-AH-7	ONCOR ELECTRIC DELIVERY SR SEC 5.25% DUE 09/30/2040					
12776*GX9	CN	68233J-AH-7	ONCOR ELECTRIC DELIVERY SR SEC 5.25% DUE 09/30/2040					
12776*GX9	CN	00913R-AE-6	AIR LIQUIDE FINANCE CO.GUARNT 3.5% DUE 09/27/2046					
12776*GX9	CN	00913R-AE-6	AIR LIQUIDE FINANCE CO.GUARNT 3.5% DUE 09/27/2046					
12776*GX9	CN	00913R-AE-6	AIR LIQUIDE FINANCE CO.GUARNT 3.5% DUE 09/27/2046					
12776*GX9	CN	00913R-AE-6	AIR LIQUIDE FINANCE CO.GUARNT 3.5% DUE 09/27/2046					
12776*GX9	CN	00913R-AE-6	AIR LIQUIDE FINANCE CO.GUARNT 3.5% DUE 09/27/2046					
12776*GX9	CN	00913R-AE-6	AIR LIQUIDE FINANCE CO.GUARNT 3.5% DUE 09/27/2046					
12776*GX9	CN	78409V-BG-8	S&P GLOBAL INC SERIES WI 4.25% DUE 05/01/2029					
12776*GX9	CN	68233J-AH-7	ONCOR ELECTRIC DELIVERY SR SEC 5.25% DUE 09/30/2040					
12776*HB6	R		CDX-NAHYS41 35-100 12/20/2028	1A	108,061,393	54,031	172,898	356,603
12776*HB6	CN	02079K-AF-4	ALPHABET INC 2.05% DUE 8/15/2050 FA15 2.05% DUE 08/15/2050					
12776*HB6	CN	87089H-AB-9	SWISS RE TREASURY -US CO.GUARNT 4.25% DUE 12/06/2042					
12776*HB6	CN	02079K-AF-4	ALPHABET INC 2.05% DUE 8/15/2050 FA15 2.05% DUE 08/15/2050					
12776*HB6	CN	02079K-AF-4	ALPHABET INC 2.05% DUE 8/15/2050 FA15 2.05% DUE 08/15/2050					
12776*HB6	CN	02079K-AF-4	ALPHABET INC 2.05% DUE 8/15/2050 FA15 2.05% DUE 08/15/2050					
12776*HB6	CN	485134-BR-0	KANSAS CITY POWER & LT MORTGAGE 4.2% DUE 03/15/2048					
12776*HB6	CN	87089H-AB-9	SWISS RE TREASURY -US CO.GUARNT 4.25% DUE 12/06/2042					
12776*HB6	CN	87089H-AB-9	SWISS RE TREASURY -US CO.GUARNT 4.25% DUE 12/06/2042					
12776*HB6	CN	87089H-AB-9	SWISS RE TREASURY -US CO.GUARNT 4.25% DUE 12/06/2042					
12776*HB6	CN	87089H-AB-9	SWISS RE TREASURY -US CO.GUARNT 4.25% DUE 12/06/2042					
12776*HD2	R		CDX-NAIGS41 7-15 12/20/2028	1D	50,740,601	25,370	81,185	167,444
12776*HD2	CN	00206R-MM-1	AT&T INC 2.55% DUE 12/1/2033 JD1 2.55% DUE 12/01/2033					
12776*HE0	R		CDX-NAIGS41 7-15 12/20/2028	2B	100,430,577	210,904	642,756	1,064,564
12776*HE0	CN	912810-RB-6	US TREASURY N/B UNITED STATES TREASURY NO 2.87 2.875% DUE 05/15/2043					
12776*HE0	CN	912810-RB-6	US TREASURY N/B UNITED STATES TREASURY NO 2.87 2.875% DUE 05/15/2043					
12776*HE0	CN	912810-RB-6	US TREASURY N/B UNITED STATES TREASURY NO 2.87 2.875% DUE 05/15/2043					
12776*HE0	CN	26442C-AB-0	DUKE ENERGY CAROLINAS 1ST REF MORT 6% DUE 01/15/2038					
12776*HF7	R		CDX-NAHYS41 35-100 12/20/2028	1A	49,986,648	24,993	79,979	164,956
12776*HF7	CN	291011-BS-2	EMERSON ELECTRIC CO 2.8% DUE 12/21/2051 JD21 2.8% DUE 12/21/2051					
12776*HF7	CN	291011-BS-2	EMERSON ELECTRIC CO 2.8% DUE 12/21/2051 JD21 2.8% DUE 12/21/2051					
12776*HF7	CN	291011-BS-2	EMERSON ELECTRIC CO 2.8% DUE 12/21/2051 JD21 2.8% DUE 12/21/2051					
12776*HF7	CN	291011-BS-2	EMERSON ELECTRIC CO 2.8% DUE 12/21/2051 JD21 2.8% DUE 12/21/2051					
12776*HF7	CN	291011-BS-2	EMERSON ELECTRIC CO 2.8% DUE 12/21/2051 JD21 2.8% DUE 12/21/2051					
12776*HF7	CN	31428X-DL-7	FEDEX CORP SERIES WI 3.25% DUE 05/15/2041					
12776*HH3	R		CDX-NAHYS41 35-100 12/20/2028	1A	109,367,643	54,684	174,988	360,913
12776*HH3	CN	02360F-AB-2	UNION ELECTRIC CO SR SEC 5.3% DUE 08/01/2037					

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
12776*HH3	CN	760759-AN-0	REPUBLIC SERVICES INC SR UNSEC 5.7% DUE 05/15/2041					
12776*HH3	CN	760759-AN-0	REPUBLIC SERVICES INC SR UNSEC 5.7% DUE 05/15/2041					
12776*HH3	CN	02360F-AB-2	UNION ELECTRIC CO SR SEC 5.3% DUE 08/01/2037					
12776*HH3	CN	02360F-AB-2	UNION ELECTRIC CO SR SEC 5.3% DUE 08/01/2037					
12776*HH3	CN	12189L-AA-9	BURLINGTN NORTH SANTA FE SR UNSEC 5.75% DUE 05/01/2040					
12776*HH3	CN	12189L-AA-9	BURLINGTN NORTH SANTA FE SR UNSEC 5.75% DUE 05/01/2040					
12776*HH3	CN	12189T-AX-2	BURLINGTN NORTH SANTA FE SR UNSEC 6.2% DUE 08/15/2036					
12776*HH3	CN	12189T-AX-2	BURLINGTN NORTH SANTA FE SR UNSEC 6.2% DUE 08/15/2036					
12776*HH3	CN	12189T-AX-2	BURLINGTN NORTH SANTA FE SR UNSEC 6.2% DUE 08/15/2036					
12776*HH3	CN	144141-DB-1	DUKE ENERGY PROGRESS LLC 1ST MORTG 4.1% DUE 05/15/2042					
12776*HN0	R		CDX-NAIGS41 7-15 12/20/2028	1D	100,224,430	50,112	160,359	330,741
12776*HN0	CN	912810-QL-5	US TREASURY N/B UNITED STATES TREASURY NO 4.25 4.25% DUE 11/15/2040					
12776*HN0	CN	912810-QL-5	US TREASURY N/B UNITED STATES TREASURY NO 4.25 4.25% DUE 11/15/2040					
12776*HN0	CN	912810-QL-5	US TREASURY N/B UNITED STATES TREASURY NO 4.25 4.25% DUE 11/15/2040					
12776*HN0	CN	912810-QL-5	US TREASURY N/B UNITED STATES TREASURY NO 4.25 4.25% DUE 11/15/2040					
12776*HN0	CN	912810-QL-5	US TREASURY N/B UNITED STATES TREASURY NO 4.25 4.25% DUE 11/15/2040					
12776*HQ3	R		CDX-NAHYS41 35-100 12/20/2028	1A	109,562,697	54,781	175,300	361,557
12776*HQ3	CN	30161N-AQ-4	EXELON CORP SR UNSEC 4.95% DUE 06/15/2035					
12776*HQ3	CN	30161N-AQ-4	EXELON CORP SR UNSEC 4.95% DUE 06/15/2035					
12776*HQ3	CN	50212Y-AF-1	LPL HOLDINGS INC SERIES 144A 4.375% DUE 05/15/2031					
12776*HQ3	CN	92812U-7L-6	VIRGINIA ST HSG DEV AUTH CMWLT SERIES B 5.95% DUE 10/01/2054					
12776*HQ3	CN	05565E-CB-9	BMW US CAPITAL LLC SERIES 144A 3.7% DUE 04/01/2032					
12776*HQ3	CN	29444U-BU-9	EQUINIX INC 3.9% DUE 4/15/2032 A015 3.9% DUE 04/15/2032					
12776*HQ3	CN	00287Y-DW-6	ABBVIE INC 5.4% DUE 3/15/2054 MS15 5.4% DUE 03/15/2054					
12776*HR1	R		CDX-NAHYS41 35-100 12/20/2028	1A	54,887,039	27,444	87,819	181,127
12776*HR1	CN	209111-EL-3	CON EDISON CO OF NY INC SR UNSEC 5.85% DUE 03/15/2036					
12776*HR1	CN	209111-EL-3	CON EDISON CO OF NY INC SR UNSEC 5.85% DUE 03/15/2036					
12776*HR1	CN	70213B-AC-5	PARTNERRE FINANCE B LLC HYB 4.5% DUE 10/01/2050					
12776*HR1	CN	606822-DH-4	MITSUBISHI UFJ FIN GRP 5.574% DUE 1/16/2036 JJ16 5.574% DUE 01/16/2036					
12776*JG3	R		CDX-NAIGS41 7-15 12/20/2028	1E	50,462,751	25,231	80,740	166,527
12776*JG3	CN	14448C-BD-5	CARRIER GLOBAL CORP SERIES WI 6.2% DUE 03/15/2054					
12776*JG3	CN	46115H-CF-2	INTESA SANPAOLO SPA SERIES 144A 7.8% DUE 11/28/2053					
12776*JL2	R		CDX-NAIGS41 7-15 12/20/2028	1E	51,165,122	25,583	81,864	168,845
12776*JL2	CN	929160-AZ-2	VULCAN MATERIALS CO 3 1/2% DUE 6/1/2030 JD1 3.5% DUE 06/01/2030					
12776*JL2	CN	929160-AZ-2	VULCAN MATERIALS CO 3 1/2% DUE 6/1/2030 JD1 3.5% DUE 06/01/2030					
12776*JL2	CN	929160-AZ-2	VULCAN MATERIALS CO 3 1/2% DUE 6/1/2030 JD1 3.5% DUE 06/01/2030					
12776*JL2	CN	929160-AZ-2	VULCAN MATERIALS CO 3 1/2% DUE 6/1/2030 JD1 3.5% DUE 06/01/2030					
12776*JL2	CN	929160-AZ-2	VULCAN MATERIALS CO 3 1/2% DUE 6/1/2030 JD1 3.5% DUE 06/01/2030					
12776*JL2	CN	976843-BJ-0	WISCONSIN PUBLIC SERVICE SR UNSEC 4.752% DUE 11/01/2044					
12776*JL2	CN	455434-BL-3	INDIANAPOLIS PWR & LIGHT 1ST MORTG 6.6% DUE 06/01/2037					
12776*JH1	R		CDX-NAHYS41 35-100 12/20/2028	1*	55,696,710	27,848	89,115	183,799
12776*JH1	CN	870880-AA-2	SWISS RE SUB FIN PLC SERIES 144A 5.698% DUE 04/05/2035					
12776*JH1	CN	61747Y-FM-2	MORGAN STANLEY 5.942% DUE 2/7/2039 FA7 5.942% DUE 02/07/2039					
12776*JH1	CN	38141G-VS-0	GOLDMAN SACHS GROUP INC SR UNSEC 4.75% DUE 10/21/2045					
12776*JH1	CN	797440-BK-9	SAN DIEGO G & E 1ST MORTG 6% DUE 06/01/2039					
91278*KC7	R		Treasury Bond Forward T 3.625 05/15/53 (912810TR9)	1A	65,297,528	32,649	104,476	215,482
91278*KC7	CN	91282C-DY-4	US TREASURY N B 1 7/8% DUE 2/15/2032 FA15 1.875% DUE 02/15/2032					
91278*KC7	CN	91282C-DY-4	US TREASURY N B 1 7/8% DUE 2/15/2032 FA15 1.875% DUE 02/15/2032					
91278*KD5	R		Treasury Bond Forward T 3.625 05/15/53 (912810TR9)	1F	36,000,121	18,000	57,600	118,800
91278*KD5	CN	06417X-AG-6	BANK OF NOVA SCOTIA 4.588% DUE 5/4/2037 MN4 4.588% DUE 05/04/2037					
91278*KD5	CN	17325F-BG-2	CITIBANK NA SERIES BKNT 5.57% DUE 04/30/2034					
91278*KE3	R		Treasury Bond Forward T 3.625 05/15/53 (912810TR9)	2B	25,106,377	52,723	160,681	266,128
91278*KE3	CN	68389X-BD-6	ORACLE CORP SR UNSEC 3.25% DUE 05/15/2030					
91278*KE3	CN	68389X-BD-6	ORACLE CORP SR UNSEC 3.25% DUE 05/15/2030					
12776*KJ5	R		CDX-NAIGS41 7-15 12/20/2028	1D	50,438,519	25,219	80,702	166,447
12776*KJ5	CN	68389X-BW-4	ORACLE CORP 3.6% DUE 4/1/2040 A01 3.6% DUE 04/01/2040					
12776*KK2	R		CDX-NAIGS41 7-15 12/20/2028	1E	50,814,955	25,407	81,304	167,689

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12776*KK2	CN	91282C-KQ-3	US TREASURY NB 4 3/8% DUE 5/15/2034 MN15 4.375% DUE 05/15/2034					
12776*KK2	CN	91282C-KQ-3	US TREASURY NB 4 3/8% DUE 5/15/2034 MN15 4.375% DUE 05/15/2034					
12776*KL0	R		CDX-NAIGS41 7-15 12/20/2028	1E	50,102,684	25,051	80,164	165,339
12776*KL0	CN	913017-BJ-7	RTX CORP SR UNSEC 5.4% DUE 05/01/2035					
12776*KL0	CN	913017-BJ-7	RTX CORP SR UNSEC 5.4% DUE 05/01/2035					
12776*KL0	CN	913017-BJ-7	RTX CORP SR UNSEC 5.4% DUE 05/01/2035					
12776*KL0	CN	913017-BJ-7	RTX CORP SR UNSEC 5.4% DUE 05/01/2035					
12776*KL0	CN	913017-BJ-7	RTX CORP SR UNSEC 5.4% DUE 05/01/2035					
12776*KN6	R		CDX-NAIGS41 7-15 12/20/2028	1E	50,826,785	25,413	81,323	167,728
12776*KN6	CN	09659T-2B-6	BNP PARIBAS SERIES 144A 2.588% DUE 08/12/2035					
12776*KN6	CN	09659T-2B-6	BNP PARIBAS SERIES 144A 2.588% DUE 08/12/2035					
12776*KN6	CN	09659T-2B-6	BNP PARIBAS SERIES 144A 2.588% DUE 08/12/2035					
12776*KP1	R		CDX-NAIGS41 7-15 12/20/2028	1E	50,274,145	25,137	80,439	165,905
12776*KP1	CN	845437-BT-8	SOUTHWESTERN ELEC POWER 3 1/4% DUE 11/1/2051 MN1 3.25% DUE 11/01/2051					
12776*KP1	CN	98385X-AQ-9	XTO ENERGY INC CO.GUARNT 6.375% DUE 06/15/2038					
12776*KP1	CN	98385X-AQ-9	XTO ENERGY INC CO.GUARNT 6.375% DUE 06/15/2038					
12776*KP1	CN	98385X-AQ-9	XTO ENERGY INC CO.GUARNT 6.375% DUE 06/15/2038					
12776*KR7	R		CDX-NAIGS41 7-15 12/20/2028	1E	50,233,355	25,117	80,373	165,770
12776*KR7	CN	22966R-AF-3	CUBESMART LP 3% DUE 2/15/2030 FA15 3% DUE 02/15/2030					
12776*KR7	CN	22966R-AF-3	CUBESMART LP 3% DUE 2/15/2030 FA15 3% DUE 02/15/2030					
12776*KR7	CN	29286D-AB-1	ENGIE SA SERIES 144A 5.625% DUE 04/10/2034					
12776*KR7	CN	29286D-AB-1	ENGIE SA SERIES 144A 5.625% DUE 04/10/2034					
12776*KR7	CN	29286D-AB-1	ENGIE SA SERIES 144A 5.625% DUE 04/10/2034					
12776*KR7	CN	29286D-AB-1	ENGIE SA SERIES 144A 5.625% DUE 04/10/2034					
12776*KQ9	R		CDX-NAHYS41 35-100 12/20/2028	1A	111,337,140	55,669	178,139	367,413
12776*KQ9	CN	50247V-AC-3	LYB INTL FINANCE BV CO.GUARNT 4.875% DUE 03/15/2044					
12776*KQ9	CN	438127-AC-6	HONDA MOTOR CO LTD 2.967% DUE 3/10/2032 MS10 2.967% DUE 03/10/2032					
12776*KQ9	CN	53079E-BF-0	LIBERTY MUTUAL GROUP INC CO.GUARNT 4.85% DUE 08/01/2044					
12776*KQ9	CN	53079E-BF-0	LIBERTY MUTUAL GROUP INC CO.GUARNT 4.85% DUE 08/01/2044					
12776*KQ9	CN	53079E-BF-0	LIBERTY MUTUAL GROUP INC CO.GUARNT 4.85% DUE 08/01/2044					
12776*KQ9	CN	53079E-BF-0	LIBERTY MUTUAL GROUP INC CO.GUARNT 4.85% DUE 08/01/2044					
12776*KQ9	CN	53079E-BF-0	LIBERTY MUTUAL GROUP INC CO.GUARNT 4.85% DUE 08/01/2044					
12776*KQ9	CN	53079E-BF-0	LIBERTY MUTUAL GROUP INC CO.GUARNT 4.85% DUE 08/01/2044					
12776*KQ9	CN	53079E-BF-0	LIBERTY MUTUAL GROUP INC CO.GUARNT 4.85% DUE 08/01/2044					
12776*KQ9	CN	53079E-BF-0	LIBERTY MUTUAL GROUP INC CO.GUARNT 4.85% DUE 08/01/2044					
12776*KT3	R		CDX-NAHYS41 35-100 12/20/2028	1A	55,413,288	27,707	88,661	182,864
12776*KT3	CN	037833-EA-4	APPLE INC 2.55% DUE 8/20/2060 FA20 2.55% DUE 08/20/2060					
12776*KS5	R		CDX-NAIGS41 7-15 12/20/2028	1E	50,217,378	25,109	80,348	165,717
12776*KS5	CN	446150-AS-3	HUNTINGTON BANCSHARES 2.55% DUE 2/4/2030 FA4 2.55% DUE 02/04/2030					
12776*KS5	CN	446150-AS-3	HUNTINGTON BANCSHARES 2.55% DUE 2/4/2030 FA4 2.55% DUE 02/04/2030					
12776*KS5	CN	446150-AS-3	HUNTINGTON BANCSHARES 2.55% DUE 2/4/2030 FA4 2.55% DUE 02/04/2030					
12776*KS5	CN	446150-AS-3	HUNTINGTON BANCSHARES 2.55% DUE 2/4/2030 FA4 2.55% DUE 02/04/2030					
12776*KS5	CN	446150-AS-3	HUNTINGTON BANCSHARES 2.55% DUE 2/4/2030 FA4 2.55% DUE 02/04/2030					
12776*KU0	R		CDX-NAHYS41 35-100 12/20/2028	1A	55,637,108	27,819	89,019	183,602
12776*KU0	CN	89787E-AA-9	TRUSTAGE FINANCIAL GROUP SERIES 144A 4.625% DUE 04/15/2032					
12776*KV8	R		CDX-NAIGS41 7-15 12/20/2028	1E	52,054,415	26,027	83,287	171,780
12776*KV8	CN	174610-AT-2	CITIZENS FINANCIAL GROUP 3 1/4% DUE 4/30/2030 AO30 3.25% DUE 04/30/2030					
12776*KV8	CN	174610-AT-2	CITIZENS FINANCIAL GROUP 3 1/4% DUE 4/30/2030 AO30 3.25% DUE 04/30/2030					
12776*KW6	R		CDX-NAIGS41 7-15 12/20/2028	1E	50,152,619	25,076	80,244	165,504
12776*KW6	CN	03523T-BT-4	ANHEUSER-BUSCH INBEV WOR CO.GUARNT 4.439% DUE 10/06/2048					
12776*KW6	CN	03523T-BT-4	ANHEUSER-BUSCH INBEV WOR CO.GUARNT 4.439% DUE 10/06/2048					
12776*KX4	R		CDX-NAIGS41 7-15 12/20/2028	1E	50,483,387	25,242	80,773	166,595
12776*KX4	CN	05578Q-AF-0	BPCE SA SERIES 144A 3.116% DUE 10/19/2032					
12776*KY2	R		CDX-NAIGS43 7-15 12/20/2029	1E	101,651,595	50,826	162,643	335,450
12776*KY2	CN	191216-CX-6	COCA COLA CO THE 2.6% DUE 6/1/2050 JD1 2.6% DUE 06/01/2050					
12776*KY2	CN	191216-CX-6	COCA COLA CO THE 2.6% DUE 6/1/2050 JD1 2.6% DUE 06/01/2050					
12776*KY2	CN	191216-CX-6	COCA COLA CO THE 2.6% DUE 6/1/2050 JD1 2.6% DUE 06/01/2050					

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12776*KY2	CN	191216-CX-6	COCA COLA CO THE 2.6% DUE 6/1/2050 JD1 2.6% DUE 06/01/2050					
12776*KY2	CN	03939A-AA-5	ARCH CAPITAL GROUP LTD 3.635% DUE 6/30/2050 JD30 3.635% DUE 06/30/2050					
12776*LA3	R		CDX-NAIGS43 7-15 12/20/2029	1E	101,057,440	50,529	161,692	333,490
12776*LA3	CN	404280-CY-3	HSBC HOLDINGS PLC 2.871% DUE 11/22/2032 MN22 2.871% DUE 11/22/2032					
12776*LA3	CN	64952G-AT-5	NEW YORK LIFE INSURANCE SERIES 144A 3.75% DUE 05/15/2050					
12776*LA3	CN	863667-AZ-4	STRYKER CORP 2.9% DUE 6/15/2050 JD15 2.9% DUE 06/15/2050					
12776*LA3	CN	863667-AZ-4	STRYKER CORP 2.9% DUE 6/15/2050 JD15 2.9% DUE 06/15/2050					
12776*LA3	CN	863667-AZ-4	STRYKER CORP 2.9% DUE 6/15/2050 JD15 2.9% DUE 06/15/2050					
12776*LA3	CN	863667-AZ-4	STRYKER CORP 2.9% DUE 6/15/2050 JD15 2.9% DUE 06/15/2050					
12776*KZ9	R		CDX-NAIGS43 7-15 12/20/2029	1E	100,201,897	50,101	160,323	330,666
12776*KZ9	CN	416515-BF-0	HARTFORD INSURANCE GROUP INC/T HARTFORD FINANCIAL SERVIC 3.6 3.6% DUE 08/19					
12776*KZ9	CN	278062-AE-4	EATON CORP CO.GUARNT 4.15% DUE 11/02/2042					
12776*KZ9	CN	594918-CW-2	MICROSOFT CORP 2 1/2% DUE 9/15/2050 MS15 2.5% DUE 09/15/2050					
12776*KZ9	CN	416515-BF-0	HARTFORD INSURANCE GROUP INC/T HARTFORD FINANCIAL SERVIC 3.6 3.6% DUE 08/19					
12776*KZ9	CN	416515-BF-0	HARTFORD INSURANCE GROUP INC/T HARTFORD FINANCIAL SERVIC 3.6 3.6% DUE 08/19					
12776*KZ9	CN	278062-AE-4	EATON CORP CO.GUARNT 4.15% DUE 11/02/2042					
12776*KZ9	CN	278062-AE-4	EATON CORP CO.GUARNT 4.15% DUE 11/02/2042					
12776*KZ9	CN	278062-AE-4	EATON CORP CO.GUARNT 4.15% DUE 11/02/2042					
12776*KZ9	CN	278062-AE-4	EATON CORP CO.GUARNT 4.15% DUE 11/02/2042					
12776*KZ9	CN	278062-AE-4	EATON CORP CO.GUARNT 4.15% DUE 11/02/2042					
12776*LC9	R		CDX-NAIGS43 7-15 12/20/2029	1E	100,662,112	50,331	161,059	332,185
12776*LC9	CN	60687Y-BH-1	MIZUHO FINANCIAL GROUP VAR % DUE 7/10/2031 JJ9 2.201% DUE 07/10/2031					
12776*LC9	CN	82620K-AM-5	SIEMENS FINANCIERINGSMAT CO.GUARNT 3.3% DUE 09/15/2046					
12776*LC9	CN	82620K-AM-5	SIEMENS FINANCIERINGSMAT CO.GUARNT 3.3% DUE 09/15/2046					
12776*LC9	CN	82620K-AM-5	SIEMENS FINANCIERINGSMAT CO.GUARNT 3.3% DUE 09/15/2046					
12776*LC9	CN	82620K-AM-5	SIEMENS FINANCIERINGSMAT CO.GUARNT 3.3% DUE 09/15/2046					
12776*LC9	CN	82620K-AM-5	SIEMENS FINANCIERINGSMAT CO.GUARNT 3.3% DUE 09/15/2046					
12776*LB1	R		CDX-NAIGS43 7-15 12/20/2029	1E	100,836,447	50,418	161,338	332,760
12776*LB1	CN	74251V-AS-1	PRINCIPAL FINANCIAL GRP 2 1/8% DUE 6/15/2030 JD15 2.125% DUE 06/15/2030					
12776*LB1	CN	74251V-AS-1	PRINCIPAL FINANCIAL GRP 2 1/8% DUE 6/15/2030 JD15 2.125% DUE 06/15/2030					
12776*LB1	CN	03040W-AR-6	AMERICAN WATER CAPITAL C SR UNSEC 3.75% DUE 09/01/2047					
12776*LB1	CN	03040W-AR-6	AMERICAN WATER CAPITAL C SR UNSEC 3.75% DUE 09/01/2047					
12776*LB1	CN	03040W-AR-6	AMERICAN WATER CAPITAL C SR UNSEC 3.75% DUE 09/01/2047					
12776*LB1	CN	03040W-AR-6	AMERICAN WATER CAPITAL C SR UNSEC 3.75% DUE 09/01/2047					
12776*LD7	R		CDX-NAIGS43 7-15 12/20/2029	1E	102,401,830	51,201	163,843	337,926
12776*LD7	CN	04621W-AE-0	ASSURED GUARANTY US HLDG 3.6% DUE 9/15/2051 MS15 3.6% DUE 09/15/2051					
12776*LD7	CN	04621W-AE-0	ASSURED GUARANTY US HLDG 3.6% DUE 9/15/2051 MS15 3.6% DUE 09/15/2051					
12776*LD7	CN	04621W-AE-0	ASSURED GUARANTY US HLDG 3.6% DUE 9/15/2051 MS15 3.6% DUE 09/15/2051					
12776*LD7	CN	04621W-AE-0	ASSURED GUARANTY US HLDG 3.6% DUE 9/15/2051 MS15 3.6% DUE 09/15/2051					
12776*LD7	CN	04621W-AE-0	ASSURED GUARANTY US HLDG 3.6% DUE 9/15/2051 MS15 3.6% DUE 09/15/2051					
12776*LD7	CN	04621W-AE-0	ASSURED GUARANTY US HLDG 3.6% DUE 9/15/2051 MS15 3.6% DUE 09/15/2051					
12776*LD7	CN	04621W-AE-0	ASSURED GUARANTY US HLDG 3.6% DUE 9/15/2051 MS15 3.6% DUE 09/15/2051					
12776*LD7	CN	744560-AZ-9	PUBLIC SERVICE ELECTRIC 1ST REF MORT 3.95% DUE 05/01/2042					
12776*LE5	R		CDX-NAIGS43 7-15 12/20/2029	1E	101,126,951	50,563	161,803	333,719
12776*LE5	CN	606822-BU-7	MITSUBISHI UFJ FIN GRP 2.048% DUE 7/17/2030 JJ17 2.048% DUE 07/17/2030					
12776*LE5	CN	665859-AV-6	NORTHERN TRUST CORP 1.95% DUE 5/1/2030 MN1 1.95% DUE 05/01/2030					
12776*LF2	R		CDX-NAIGS43 7-15 12/20/2029	1E	100,611,052	50,306	160,978	332,016
12776*LF2	CN	084664-DA-6	BERKSHIRE HATHAWAY FIN 2 7/8% DUE 3/15/2032 MS15 2.875% DUE 03/15/2032					
12776*LF2	CN	58933Y-BA-2	MERCK & CO INC 2.35% DUE 6/24/2040 JD24 2.35% DUE 06/24/2040					
12776*LF2	CN	58933Y-BA-2	MERCK & CO INC 2.35% DUE 6/24/2040 JD24 2.35% DUE 06/24/2040					
12776*LF2	CN	58933Y-BA-2	MERCK & CO INC 2.35% DUE 6/24/2040 JD24 2.35% DUE 06/24/2040					
12776*LF2	CN	58933Y-BA-2	MERCK & CO INC 2.35% DUE 6/24/2040 JD24 2.35% DUE 06/24/2040					

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
12776*LF2	CN	928563-AL-9	VMWARE INC 2.2% DUE 8/15/2031 FA15 2.2% DUE 08/15/2031					
12776*LF2	CN	928563-AL-9	VMWARE INC 2.2% DUE 8/15/2031 FA15 2.2% DUE 08/15/2031					
12776*LF2	CN	928563-AL-9	VMWARE INC 2.2% DUE 8/15/2031 FA15 2.2% DUE 08/15/2031					
12776*LG0	R		CDX-NAIGS43 7-15 12/20/2029	1E	75,764,697	37,882	121,224	250,024
12776*LG0	CN	09659W-2K-9	BNP PARIBAS SERIES 144A 3.052% DUE 01/13/2031					
12776*LG0	CN	14448C-AS-3	CARRIER GLOBAL CORP 3.577% DUE 4/5/2050 A05 3.577% DUE 04/05/2050					
12776*LG0	CN	09659W-2K-9	BNP PARIBAS SERIES 144A 3.052% DUE 01/13/2031					
12776*LG0	CN	09659W-2K-9	BNP PARIBAS SERIES 144A 3.052% DUE 01/13/2031					
12776*LG0	CN	09659W-2K-9	BNP PARIBAS SERIES 144A 3.052% DUE 01/13/2031					
12776*LG0	CN	09659W-2K-9	BNP PARIBAS SERIES 144A 3.052% DUE 01/13/2031					
12776*LG0	CN	09659W-2K-9	BNP PARIBAS SERIES 144A 3.052% DUE 01/13/2031					
12776*LG0	CN	09659W-2K-9	BNP PARIBAS SERIES 144A 3.052% DUE 01/13/2031					
12776*LG0	CN	05523R-AE-7	BAE SYSTEMS PLC SERIES 144A 3% DUE 09/15/2050					
12776*LG0	CN	05523R-AE-7	BAE SYSTEMS PLC SERIES 144A 3% DUE 09/15/2050					
12776*NY9	R		CDX-NAIGS43 7-15 12/20/2029	1E	50,708,906	25,354	81,134	167,339
12776*NY9	CN	052528-AM-8	AUST & NZ BANKING GROUP SERIES 144A 2.57% DUE 11/25/2035					
12776*NY9	CN	052528-AM-8	AUST & NZ BANKING GROUP SERIES 144A 2.57% DUE 11/25/2035					
12776*LH8	R		CDX-NAIGS43 7-15 12/20/2029	1E	75,206,137	37,603	120,330	248,180
12776*LH8	CN	244199-BF-1	DEERE & COMPANY SR UNSEC 3.9% DUE 06/09/2042					
12776*LH8	CN	244199-BF-1	DEERE & COMPANY SR UNSEC 3.9% DUE 06/09/2042					
12776*LH8	CN	244199-BF-1	DEERE & COMPANY SR UNSEC 3.9% DUE 06/09/2042					
12776*LH8	CN	244199-BF-1	DEERE & COMPANY SR UNSEC 3.9% DUE 06/09/2042					
12776*LH8	CN	928563-AL-9	VMWARE INC 2.2% DUE 8/15/2031 FA15 2.2% DUE 08/15/2031					
12776*LH8	CN	928563-AL-9	VMWARE INC 2.2% DUE 8/15/2031 FA15 2.2% DUE 08/15/2031					
12776*LH8	CN	928563-AL-9	VMWARE INC 2.2% DUE 8/15/2031 FA15 2.2% DUE 08/15/2031					
12776*LH8	CN	928563-AL-9	VMWARE INC 2.2% DUE 8/15/2031 FA15 2.2% DUE 08/15/2031					
12776*LH8	CN	928563-AL-9	VMWARE INC 2.2% DUE 8/15/2031 FA15 2.2% DUE 08/15/2031					
12776*LJ4	R		CDX-NAIGS43 7-15 12/20/2029	1E	102,126,961	51,063	163,403	337,019
12776*LJ4	CN	002824-AY-6	ABBOTT LABORATORIES SR UNSEC 5.3% DUE 05/27/2040					
12776*LJ4	CN	040555-DB-7	ARIZONA PUBLIC SERVICE 3.35% DUE 5/15/2050 MN15 3.35% DUE 05/15/2050					
12776*LJ4	CN	040555-DB-7	ARIZONA PUBLIC SERVICE 3.35% DUE 5/15/2050 MN15 3.35% DUE 05/15/2050					
12776*LJ4	CN	040555-DB-7	ARIZONA PUBLIC SERVICE 3.35% DUE 5/15/2050 MN15 3.35% DUE 05/15/2050					
12776*LJ4	CN	040555-DB-7	ARIZONA PUBLIC SERVICE 3.35% DUE 5/15/2050 MN15 3.35% DUE 05/15/2050					
12776*LJ4	CN	040555-DB-7	ARIZONA PUBLIC SERVICE 3.35% DUE 5/15/2050 MN15 3.35% DUE 05/15/2050					
12776*LK1	R		CDX-NAIGS43 7-15 12/20/2029	1E	100,100,000	50,050	160,160	330,330
12776*LK1	CN	594918-CC-6	MICROSOFT CORP 2.525% DUE 6/1/2050 JD1 2.525% DUE 06/01/2050					
12776*LK1	CN	594918-CC-6	MICROSOFT CORP 2.525% DUE 6/1/2050 JD1 2.525% DUE 06/01/2050					
12776*LK1	CN	594918-CC-6	MICROSOFT CORP 2.525% DUE 6/1/2050 JD1 2.525% DUE 06/01/2050					
12776*LK1	CN	594918-CC-6	MICROSOFT CORP 2.525% DUE 6/1/2050 JD1 2.525% DUE 06/01/2050					
12776*LK1	CN	594918-CC-6	MICROSOFT CORP 2.525% DUE 6/1/2050 JD1 2.525% DUE 06/01/2050					
12776*LK1	CN	594918-CC-6	MICROSOFT CORP 2.525% DUE 6/1/2050 JD1 2.525% DUE 06/01/2050					
12776*LK1	CN	594918-CC-6	MICROSOFT CORP 2.525% DUE 6/1/2050 JD1 2.525% DUE 06/01/2050					
12776*LK1	CN	857477-CG-6	STATE STREET CORP 6.123% DUE 11/21/2034 MN21 6.123% DUE 11/21/2034					
12776*LL9	R		CDX-NAIGS43 7-15 12/20/2029	1E	76,485,733	38,243	122,377	252,403
12776*LL9	CN	037833-DW-7	APPLE INC 2.65% DUE 5/11/2050 MN11 2.65% DUE 05/11/2050					
12776*LL9	CN	037833-DW-7	APPLE INC 2.65% DUE 5/11/2050 MN11 2.65% DUE 05/11/2050					
12776*LL9	CN	037833-DW-7	APPLE INC 2.65% DUE 5/11/2050 MN11 2.65% DUE 05/11/2050					
12776*LL9	CN	037833-DW-7	APPLE INC 2.65% DUE 5/11/2050 MN11 2.65% DUE 05/11/2050					
12776*LL9	CN	037833-DW-7	APPLE INC 2.65% DUE 5/11/2050 MN11 2.65% DUE 05/11/2050					
12776*LL9	CN	361448-AU-7	GATX CORP SR UNSEC 5.2% DUE 03/15/2044					
12776*LL9	CN	361448-AU-7	GATX CORP SR UNSEC 5.2% DUE 03/15/2044					
12776*LM7	R		CDX-NAIGS43 7-15 12/20/2029	1E	50,424,331	25,212	80,679	166,400
12776*LM7	CN	26442C-AH-7	DUKE ENERGY CAROLINAS 1ST MORTG 5.3% DUE 02/15/2040					
12776*NZ6	R		CDX-NAIGS43 7-15 12/20/2029	1E	100,095,345	50,048	160,153	330,315
12776*NZ6	CN	931142-EU-3	WALMART INC 2 1/2% DUE 9/22/2041 MS22 2.5% DUE 09/22/2041					
12776*NZ6	CN	931142-EU-3	WALMART INC 2 1/2% DUE 9/22/2041 MS22 2.5% DUE 09/22/2041					

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
12776*NZ6	CN	931142-EU-3	WALMART INC 2 1/2% DUE 9/22/2041 MS22 2.5% DUE 09/22/2041					
12776*NZ6	CN	95000U-2Q-5	WELLS FARGO & COMPANY VAR % DUE 4/30/2041 AO30 3.068% DUE 04/30/2041					
12776*NZ6	CN	95000U-2Q-5	WELLS FARGO & COMPANY VAR % DUE 4/30/2041 AO30 3.068% DUE 04/30/2041					
12776*LN5	R		CDX-NAIGS43 7-15 12/20/2029	1E	101,062,577	50,531	161,700	333,507
12776*LN5	CN	02361D-AQ-3	AMEREN ILLINOIS CO SR SEC 4.15% DUE 03/15/2046					
12776*LN5	CN	049560-AL-9	ATMOS ENERGY CORP SR UNSEC 4.15% DUE 01/15/2043					
12776*LN5	CN	049560-AL-9	ATMOS ENERGY CORP SR UNSEC 4.15% DUE 01/15/2043					
12776*LN5	CN	049560-AL-9	ATMOS ENERGY CORP SR UNSEC 4.15% DUE 01/15/2043					
12776*LN5	CN	049560-AL-9	ATMOS ENERGY CORP SR UNSEC 4.15% DUE 01/15/2043					
12776*LN5	CN	745332-CA-2	PUGET SOUND ENERGY INC SR SEC 5.757% DUE 10/01/2039					
12776*LN5	CN	745332-CA-2	PUGET SOUND ENERGY INC SR SEC 5.757% DUE 10/01/2039					
12776*LN5	CN	745332-CA-2	PUGET SOUND ENERGY INC SR SEC 5.757% DUE 10/01/2039					
12776*LN5	CN	745332-CA-2	PUGET SOUND ENERGY INC SR SEC 5.757% DUE 10/01/2039					
12776*LN5	CN	708696-BV-0	PENNSYLVANIA ELECTRIC CO SR UNSEC 6.15% DUE 10/01/2038					
12776*LN5	CN	02361D-AQ-3	AMEREN ILLINOIS CO SR SEC 4.15% DUE 03/15/2046					
12776*LN5	CN	02361D-AQ-3	AMEREN ILLINOIS CO SR SEC 4.15% DUE 03/15/2046					
12776*LN5	CN	02361D-AQ-3	AMEREN ILLINOIS CO SR SEC 4.15% DUE 03/15/2046					
12776*LN5	CN	02361D-AQ-3	AMEREN ILLINOIS CO SR SEC 4.15% DUE 03/15/2046					
12776*LN5	CN	049560-AL-9	ATMOS ENERGY CORP SR UNSEC 4.15% DUE 01/15/2043					
12776*LN5	CN	049560-AL-9	ATMOS ENERGY CORP SR UNSEC 4.15% DUE 01/15/2043					
12776*LN5	CN	049560-AL-9	ATMOS ENERGY CORP SR UNSEC 4.15% DUE 01/15/2043					
12776*LN5	CN	049560-AL-9	ATMOS ENERGY CORP SR UNSEC 4.15% DUE 01/15/2043					
12776*LP0	R		CDX-NAHYS43 35-100 12/20/2029	1E	115,765,617	57,883	185,225	382,027
12776*LP0	CN	539830-BN-8	LOCKHEED MARTIN CORP SR UNSEC 4.09% DUE 09/15/2052					
12776*LP0	CN	539830-BN-8	LOCKHEED MARTIN CORP SR UNSEC 4.09% DUE 09/15/2052					
12776*LP0	CN	341081-ES-2	FLORIDA POWER & LIGHT CO 1ST MORTG 5.65% DUE 02/01/2035					
12776*LP0	CN	617446-8N-2	MORGAN STANLEY VAR % DUE 3/24/2051 MS24 5.597% DUE 03/24/2051					
12776*LQ8	R		CDX-NAHYS43 35-100 12/20/2029	1E	114,649,736	57,325	183,440	378,344
12776*LQ8	CN	837004-CF-5	DOMINION ENERGY SOUTH 1ST MORTG 4.35% DUE 02/01/2042					
12776*LQ8	CN	913017-CA-5	RTX CORP SR UNSEC 4.15% DUE 05/15/2045					
12776*LQ8	CN	913017-CA-5	RTX CORP SR UNSEC 4.15% DUE 05/15/2045					
12776*LQ8	CN	913017-CA-5	RTX CORP SR UNSEC 4.15% DUE 05/15/2045					
12776*LQ8	CN	913017-CA-5	RTX CORP SR UNSEC 4.15% DUE 05/15/2045					
12776*LQ8	CN	913017-CA-5	RTX CORP SR UNSEC 4.15% DUE 05/15/2045					
12776*LQ8	CN	913017-CA-5	RTX CORP SR UNSEC 4.15% DUE 05/15/2045					
12776*LQ8	CN	913017-CA-5	RTX CORP SR UNSEC 4.15% DUE 05/15/2045					
12776*LQ8	CN	95709T-AH-3	WESTAR ENERGY INC 1ST MORTG 4.125% DUE 03/01/2042					
12776*LQ8	CN	95709T-AH-3	WESTAR ENERGY INC 1ST MORTG 4.125% DUE 03/01/2042					
12776*LQ8	CN	95709T-AH-3	WESTAR ENERGY INC 1ST MORTG 4.125% DUE 03/01/2042					
12776*LQ8	CN	837004-CF-5	DOMINION ENERGY SOUTH 1ST MORTG 4.35% DUE 02/01/2042					
12776*LQ8	CN	95709T-AH-3	WESTAR ENERGY INC 1ST MORTG 4.125% DUE 03/01/2042					
12776*LQ8	CN	95709T-AH-3	WESTAR ENERGY INC 1ST MORTG 4.125% DUE 03/01/2042					
12776*LQ8	CN	95709T-AH-3	WESTAR ENERGY INC 1ST MORTG 4.125% DUE 03/01/2042					
12776*LQ8	CN	95709T-AH-3	WESTAR ENERGY INC 1ST MORTG 4.125% DUE 03/01/2042					
12776*LQ8	CN	95709T-AH-3	WESTAR ENERGY INC 1ST MORTG 4.125% DUE 03/01/2042					
12776*LQ8	CN	95709T-AH-3	WESTAR ENERGY INC 1ST MORTG 4.125% DUE 03/01/2042					
12776*LQ8	CN	837004-CF-5	DOMINION ENERGY SOUTH 1ST MORTG 4.35% DUE 02/01/2042					
12776*LQ8	CN	913017-CA-5	RTX CORP SR UNSEC 4.15% DUE 05/15/2045					
12776*LQ8	CN	913017-CA-5	RTX CORP SR UNSEC 4.15% DUE 05/15/2045					
12776*LQ8	CN	913017-CA-5	RTX CORP SR UNSEC 4.15% DUE 05/15/2045					
12776*LQ8	CN	913017-CA-5	RTX CORP SR UNSEC 4.15% DUE 05/15/2045					
12776*LQ8	CN	913017-CA-5	RTX CORP SR UNSEC 4.15% DUE 05/15/2045					
12776*LR6	R		CDX-NAHYS43 35-100 12/20/2029	1A	59,795,862	29,898	95,673	197,326
12776*LR6	CN	585055-BU-9	MEDTRONIC INC CO.GUARNT 4.625% DUE 03/15/2045					
12776*LR6	CN	585055-BU-9	MEDTRONIC INC CO.GUARNT 4.625% DUE 03/15/2045					
12776*LR6	CN	585055-BU-9	MEDTRONIC INC CO.GUARNT 4.625% DUE 03/15/2045					

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
12776*LR6	CN	585055-BU-9	MEDTRONIC INC CO.GUARNT 4.625% DUE 03/15/2045					
12776*LR6	CN	585055-BU-9	MEDTRONIC INC CO.GUARNT 4.625% DUE 03/15/2045					
12776*LR6	CN	585055-BU-9	MEDTRONIC INC CO.GUARNT 4.625% DUE 03/15/2045					
12776*LS4	R		CDX-NAHYS43 35-100 12/20/2029	1A	233,591,329	116,796	373,746	770,851
12776*LS4	CN	010392-EE-4	ALABAMA POWER CO SR UNSEC 5.6% DUE 03/15/2033					
12776*LS4	CN	23338V-AA-4	DTE ELECTRIC CO GENL REF MORT 4% DUE 04/01/2043					
12776*LS4	CN	423012-AG-8	HEINEKEN NV SR UNSEC 4.35% DUE 03/29/2047					
12776*LS4	CN	423012-AG-8	HEINEKEN NV SR UNSEC 4.35% DUE 03/29/2047					
12776*LS4	CN	423012-AG-8	HEINEKEN NV SR UNSEC 4.35% DUE 03/29/2047					
12776*LS4	CN	423012-AG-8	HEINEKEN NV SR UNSEC 4.35% DUE 03/29/2047					
12776*LS4	CN	478160-AL-8	JOHNSON & JOHNSON SR UNSEC 4.95% DUE 05/15/2033					
12776*LS4	CN	68233J-BB-9	ONCOR ELECTRIC DELIVERY SR SEC 3.75% DUE 04/01/2045					
12776*LS4	CN	68233J-BB-9	ONCOR ELECTRIC DELIVERY SR SEC 3.75% DUE 04/01/2045					
12776*LS4	CN	68233J-BB-9	ONCOR ELECTRIC DELIVERY SR SEC 3.75% DUE 04/01/2045					
12776*LS4	CN	010392-EE-4	ALABAMA POWER CO SR UNSEC 5.6% DUE 03/15/2033					
12776*LS4	CN	010392-EE-4	ALABAMA POWER CO SR UNSEC 5.6% DUE 03/15/2033					
12776*LS4	CN	020002-AQ-4	ALLSTATE CORP SR UNSEC 5.35% DUE 06/01/2033					
12776*LS4	CN	020002-AQ-4	ALLSTATE CORP SR UNSEC 5.35% DUE 06/01/2033					
12776*LS4	CN	020002-AQ-4	ALLSTATE CORP SR UNSEC 5.35% DUE 06/01/2033					
12776*LS4	CN	020002-AQ-4	ALLSTATE CORP SR UNSEC 5.35% DUE 06/01/2033					
12776*LS4	CN	020002-AQ-4	ALLSTATE CORP SR UNSEC 5.35% DUE 06/01/2033					
12776*LS4	CN	020002-AQ-4	ALLSTATE CORP SR UNSEC 5.35% DUE 06/01/2033					
12776*LT2	R		CDX-NAHYS43 35-100 12/20/2029	1A	144,072,834	72,036	230,517	475,440
12776*LT2	CN	20030N-AF-8	COMCAST CORP CO.GUARNT 5.65% DUE 06/15/2035					
12776*LT2	CN	209111-EL-3	CON EDISON CO OF NY INC SR UNSEC 5.85% DUE 03/15/2036					
12776*LT2	CN	263901-AB-6	DUKE ENERGY INDIANA LLC 1ST MORTG 6.45% DUE 04/01/2039					
12776*LT2	CN	744448-CG-4	PUBLIC SERVICE COLORADO 1ST MORTG 3.6% DUE 09/15/2042					
12776*LT2	CN	842400-FL-2	SOUTHERN CAL EDISON 1ST REF MORT 6.05% DUE 03/15/2039					
12776*LU9	R		CDX-NAHYS43 35-100 12/20/2029	1A	115,513,719	57,757	184,822	381,195
12776*LU9	CN	136375-BL-5	CANADIAN NATL RAILWAY SR UNSEC 6.25% DUE 08/01/2034					
12776*LU9	CN	136375-BL-5	CANADIAN NATL RAILWAY SR UNSEC 6.25% DUE 08/01/2034					
12776*LU9	CN	136375-BL-5	CANADIAN NATL RAILWAY SR UNSEC 6.25% DUE 08/01/2034					
12776*LU9	CN	837004-CB-4	DOMINION ENERGY SOUTH 1ST MORTG 6.05% DUE 01/15/2038					
12776*LV7	R		CDX-NAHYS43 35-100 12/20/2029	1A	233,980,650	116,990	374,369	772,136
12776*LV7	CN	136375-BN-1	CANADIAN NATL RAILWAY SR UNSEC 6.2% DUE 06/01/2036					
12776*LV7	CN	30036F-AA-9	EVERGY KANSAS CENTRAL 3.45% DUE 4/15/2050 A015 3.45% DUE 04/15/2050					
12776*LV7	CN	30036F-AA-9	EVERGY KANSAS CENTRAL 3.45% DUE 4/15/2050 A015 3.45% DUE 04/15/2050					
12776*LV7	CN	30036F-AA-9	EVERGY KANSAS CENTRAL 3.45% DUE 4/15/2050 A015 3.45% DUE 04/15/2050					
12776*LV7	CN	30036F-AA-9	EVERGY KANSAS CENTRAL 3.45% DUE 4/15/2050 A015 3.45% DUE 04/15/2050					
12776*LV7	CN	89417E-AL-3	TRAVELERS COS INC SR UNSEC 3.75% DUE 05/15/2046					
12776*LV7	CN	89417E-AL-3	TRAVELERS COS INC SR UNSEC 3.75% DUE 05/15/2046					
12776*LV7	CN	89417E-AL-3	TRAVELERS COS INC SR UNSEC 3.75% DUE 05/15/2046					
12776*LV7	CN	89417E-AL-3	TRAVELERS COS INC SR UNSEC 3.75% DUE 05/15/2046					
12776*LV7	CN	89417E-AL-3	TRAVELERS COS INC SR UNSEC 3.75% DUE 05/15/2046					
12776*LV7	CN	902613-AA-6	UBS GROUP AG SR UNSEC 3.126% DUE 08/13/2030					
12776*LV7	CN	136375-BN-1	CANADIAN NATL RAILWAY SR UNSEC 6.2% DUE 06/01/2036					
12776*LV7	CN	902613-AA-6	UBS GROUP AG SR UNSEC 3.126% DUE 08/13/2030					
12776*LV7	CN	902613-AA-6	UBS GROUP AG SR UNSEC 3.126% DUE 08/13/2030					
12776*LV7	CN	911312-AZ-9	UNITED PARCEL SERVICE SR UNSEC 3.4% DUE 11/15/2046					
12776*LV7	CN	136375-BN-1	CANADIAN NATL RAILWAY SR UNSEC 6.2% DUE 06/01/2036					
12776*LV7	CN	20030N-BM-2	COMCAST CORP CO.GUARNT 4.2% DUE 08/15/2034					
12776*LV7	CN	209111-FB-4	CON EDISON CO OF NY INC SR UNSEC 4.2% DUE 03/15/2042					
12776*LV7	CN	209111-FB-4	CON EDISON CO OF NY INC SR UNSEC 4.2% DUE 03/15/2042					
12776*LV7	CN	209111-FB-4	CON EDISON CO OF NY INC SR UNSEC 4.2% DUE 03/15/2042					
12776*LV7	CN	209111-FB-4	CON EDISON CO OF NY INC SR UNSEC 4.2% DUE 03/15/2042					
12776*LV7	CN	30036F-AA-9	EVERGY KANSAS CENTRAL 3.45% DUE 4/15/2050 A015 3.45% DUE 04/15/2050					
12776*LW5	R		CDX-NAIGS43 7-15 12/20/2029	1E	101,236,080	50,618	161,978	334,079

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
12776*LW5	CN	478160-AN-4	JOHNSON & JOHNSON SR UNSEC 5.95% DUE 08/15/2037					
12776*LW5	CN	64952G-AE-8	NEW YORK LIFE INSURANCE SUBORD 5.875% DUE 05/15/2033					
12776*LW5	CN	64952G-AE-8	NEW YORK LIFE INSURANCE SUBORD 5.875% DUE 05/15/2033					
12776*LW5	CN	64952G-AE-8	NEW YORK LIFE INSURANCE SUBORD 5.875% DUE 05/15/2033					
12776*LW5	CN	64952G-AE-8	NEW YORK LIFE INSURANCE SUBORD 5.875% DUE 05/15/2033					
12776*LW5	CN	68233J-CS-1	ONCOR ELECTRIC DELIVERY 5.65% DUE 11/15/2033 MN15 5.65% DUE 11/15/2033					
12776*LX3	R		CDX-NAIGS43 7-15 12/20/2029	1E	100,988,228	50,494	161,581	333,261
12776*LX3	CN	68389X-BH-7	ORACLE CORP SR UNSEC 3.85% DUE 07/15/2036					
12776*LX3	CN	68389X-BH-7	ORACLE CORP SR UNSEC 3.85% DUE 07/15/2036					
12776*LX3	CN	842434-CJ-9	SOUTHERN CALIF GAS CO 1ST MORTG 5.125% DUE 11/15/2040					
12776*LX3	CN	842434-CJ-9	SOUTHERN CALIF GAS CO 1ST MORTG 5.125% DUE 11/15/2040					
12776*LX3	CN	87305Q-CB-5	TTX CO SR UNSEC 5.875% DUE 12/01/2040					
12776*LY1	R		CDX-NAIGS43 7-15 12/20/2029	1E	202,028,170	101,014	323,245	666,693
12776*LY1	CN	15189X-AM-0	CENTERPOINT ENER HOUSTON GENL REF MORT 3.55% DUE 08/01/2042					
12776*LY1	CN	15189X-AM-0	CENTERPOINT ENER HOUSTON GENL REF MORT 3.55% DUE 08/01/2042					
12776*LY1	CN	15189X-AM-0	CENTERPOINT ENER HOUSTON GENL REF MORT 3.55% DUE 08/01/2042					
12776*LY1	CN	15189X-AM-0	CENTERPOINT ENER HOUSTON GENL REF MORT 3.55% DUE 08/01/2042					
12776*LY1	CN	15189X-AM-0	CENTERPOINT ENER HOUSTON GENL REF MORT 3.55% DUE 08/01/2042					
12776*LY1	CN	15189X-AM-0	CENTERPOINT ENER HOUSTON GENL REF MORT 3.55% DUE 08/01/2042					
12776*LY1	CN	25468P-CR-5	TWDC ENTERPRISES 18 CORP SR UNSEC 4.125% DUE 12/01/2041					
12776*LY1	CN	25468P-CR-5	TWDC ENTERPRISES 18 CORP SR UNSEC 4.125% DUE 12/01/2041					
12776*LY1	CN	438516-BS-4	HONEYWELL INTERNATIONAL SR UNSEC 3.812% DUE 11/21/2047					
12776*LY1	CN	438516-BS-4	HONEYWELL INTERNATIONAL SR UNSEC 3.812% DUE 11/21/2047					
12776*LY1	CN	68233J-AT-1	ONCOR ELECTRIC DELIVERY SR SEC 4.55% DUE 12/01/2041					
12776*LY1	CN	15189X-AM-0	CENTERPOINT ENER HOUSTON GENL REF MORT 3.55% DUE 08/01/2042					
12776*LY1	CN	15189X-AM-0	CENTERPOINT ENER HOUSTON GENL REF MORT 3.55% DUE 08/01/2042					
12776*LY1	CN	15189X-AM-0	CENTERPOINT ENER HOUSTON GENL REF MORT 3.55% DUE 08/01/2042					
12776*LY1	CN	15189X-AM-0	CENTERPOINT ENER HOUSTON GENL REF MORT 3.55% DUE 08/01/2042					
12776*LY1	CN	15189X-AM-0	CENTERPOINT ENER HOUSTON GENL REF MORT 3.55% DUE 08/01/2042					
12776*LY1	CN	15189X-AM-0	CENTERPOINT ENER HOUSTON GENL REF MORT 3.55% DUE 08/01/2042					
12776*LY1	CN	15189X-AM-0	CENTERPOINT ENER HOUSTON GENL REF MORT 3.55% DUE 08/01/2042					
12776*LZ8	R		CDX-NAIGS43 7-15 12/20/2029	1E	101,270,504	50,635	162,033	334,193
12776*LZ8	CN	61744Y-AL-2	MORGAN STANLEY SR UNSEC 3.971% DUE 07/22/2038					
12776*LZ8	CN	05578Q-AG-8	BPCE SA SERIES 144A 3.582% DUE 10/19/2042					
12776*MA2	R		CDX-NAIGS43 7-15 12/20/2029	1E	102,089,956	51,045	163,344	336,897
12776*MA2	CN	15189X-AU-2	CENTERPOINT ENER HOUSTON SERIES AD 2.9% DUE 07/01/2050					
12776*MA2	CN	66989H-AF-5	NOVARTIS CAPITAL CORP CO.GUARNT 3.7% DUE 09/21/2042					
12776*MA2	CN	66989H-AF-5	NOVARTIS CAPITAL CORP CO.GUARNT 3.7% DUE 09/21/2042					
12776*MA2	CN	66989H-AF-5	NOVARTIS CAPITAL CORP CO.GUARNT 3.7% DUE 09/21/2042					
12776*MA2	CN	66989H-AF-5	NOVARTIS CAPITAL CORP CO.GUARNT 3.7% DUE 09/21/2042					
12776*MA2	CN	89417E-AM-1	TRAVELERS COS INC SR UNSEC 4% DUE 05/30/2047					
12776*MA2	CN	89417E-AM-1	TRAVELERS COS INC SR UNSEC 4% DUE 05/30/2047					
12776*MA2	CN	89417E-AM-1	TRAVELERS COS INC SR UNSEC 4% DUE 05/30/2047					
12776*MA2	CN	15189X-AU-2	CENTERPOINT ENER HOUSTON SERIES AD 2.9% DUE 07/01/2050					
12776*MA2	CN	15189X-AU-2	CENTERPOINT ENER HOUSTON SERIES AD 2.9% DUE 07/01/2050					
12776*MA2	CN	15189X-AU-2	CENTERPOINT ENER HOUSTON SERIES AD 2.9% DUE 07/01/2050					
12776*MA2	CN	15189X-AU-2	CENTERPOINT ENER HOUSTON SERIES AD 2.9% DUE 07/01/2050					
12776*MA2	CN	15189X-AU-2	CENTERPOINT ENER HOUSTON SERIES AD 2.9% DUE 07/01/2050					
12776*MA2	CN	15189X-AU-2	CENTERPOINT ENER HOUSTON SERIES AD 2.9% DUE 07/01/2050					
12776*MA2	CN	073952-AB-9	BEACON FUNDING TRUST SERIES 144A 6.266% DUE 08/15/2054					
12776*MA2	CN	66989H-AF-5	NOVARTIS CAPITAL CORP CO.GUARNT 3.7% DUE 09/21/2042					
12776*MB0	R		CDX-NAIGS43 7-15 12/20/2029	1E	100,890,220	50,445	161,424	332,938
12776*MB0	CN	020002-AS-0	ALLSTATE CORP SR UNSEC 5.55% DUE 05/09/2035					
12776*MB0	CN	020002-AS-0	ALLSTATE CORP SR UNSEC 5.55% DUE 05/09/2035					
12776*MB0	CN	020002-AS-0	ALLSTATE CORP SR UNSEC 5.55% DUE 05/09/2035					

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
12776*MB0	CN	23338V-AE-6	DTE ELECTRIC CO GENL REF MORT 3.7% DUE 03/15/2045					
12776*MB0	CN	23338V-AE-6	DTE ELECTRIC CO GENL REF MORT 3.7% DUE 03/15/2045					
12776*MB0	CN	33834D-AA-2	FIVE CORNERS FND TR II SERIES 144A 2.85% DUE 05/15/2030					
12776*MC8	R		CDX-NAIGS43 7-15 12/20/2029	1E	100,330,067	50,165	160,528	331,089
12776*MC8	CN	837004-CD-0	DOMINION ENERGY SOUTH 1ST MORTG 5.5% DUE 12/15/2039					
12776*MC8	CN	837004-CD-0	DOMINION ENERGY SOUTH 1ST MORTG 5.5% DUE 12/15/2039					
12776*MC8	CN	716973-AG-7	PFIZER INVESTMENT ENTER 5.3% DUE 5/19/2053 MN19 5.3% DUE 05/19/2053					
12776*MC8	CN	682680-BV-4	ONEOK INC 5.15% DUE 10/15/2043 AO15 5.15% DUE 10/15/2043					
12776*MC8	CN	682680-BV-4	ONEOK INC 5.15% DUE 10/15/2043 AO15 5.15% DUE 10/15/2043					
12776*MC8	CN	929089-AH-3	VOYA FINANCIAL INC 5% DUE 9/20/2034 MS20 5% DUE 09/20/2034					
12776*MD6	R		CDX-NAIGS43 7-15 12/20/2029	1E	100,637,998	50,319	161,021	332,105
12776*MD6	CN	59022C-AJ-2	BANK OF AMERICA CORP SUBORD 6.11% DUE 01/29/2037					
12776*MD6	CN	59022C-AJ-2	BANK OF AMERICA CORP SUBORD 6.11% DUE 01/29/2037					
12776*MD6	CN	87971M-BW-2	TELUS CORP 3.4% DUE 5/13/2032 MN13 3.4% DUE 05/13/2032					
12776*MD6	CN	87971M-BW-2	TELUS CORP 3.4% DUE 5/13/2032 MN13 3.4% DUE 05/13/2032					
12776*MD6	CN	87971M-BW-2	TELUS CORP 3.4% DUE 5/13/2032 MN13 3.4% DUE 05/13/2032					
12776*MD6	CN	89114T-ZV-7	TORONTO DOMINION BANK SERIES MTN 3.2% DUE 03/10/2032					
12776*ME4	R		CDX-NAIGS43 7-15 12/20/2029	1E	76,105,456	38,053	121,769	251,148
12776*ME4	CN	55607P-AG-0	MACQUARIE GROUP LTD SERIES 144A 2.691% DUE 06/23/2032					
12776*ME4	CN	55607P-AG-0	MACQUARIE GROUP LTD SERIES 144A 2.691% DUE 06/23/2032					
12776*ME4	CN	55607P-AG-0	MACQUARIE GROUP LTD SERIES 144A 2.691% DUE 06/23/2032					
12776*ME4	CN	55607P-AG-0	MACQUARIE GROUP LTD SERIES 144A 2.691% DUE 06/23/2032					
12776*ME4	CN	83368R-BD-3	SOCIETE GENERALE SERIES 144A 2.889% DUE 06/09/2032					
12776*ME4	CN	83368R-BD-3	SOCIETE GENERALE SERIES 144A 2.889% DUE 06/09/2032					
12776*MF1	R		CDX-NAHYS43 35-100 12/20/2029	1A	114,831,419	57,416	183,730	378,944
12776*MF1	CN	084423-AT-9	BERKLEY -WR CORP SR UNSEC 4.75% DUE 08/01/2044					
12776*MF1	CN	29379V-AY-9	ENTERPRISE PRODUCTS OPER CO.GUARNT 4.45% DUE 02/15/2043					
12776*MF1	CN	29379V-AY-9	ENTERPRISE PRODUCTS OPER CO.GUARNT 4.45% DUE 02/15/2043					
12776*MF1	CN	907818-DU-9	UNION PACIFIC CORP SR UNSEC 4.75% DUE 12/15/2043					
12776*MF1	CN	084423-AT-9	BERKLEY -WR CORP SR UNSEC 4.75% DUE 08/01/2044					
12776*MF1	CN	084423-AT-9	BERKLEY -WR CORP SR UNSEC 4.75% DUE 08/01/2044					
12776*MF1	CN	29379V-AY-9	ENTERPRISE PRODUCTS OPER CO.GUARNT 4.45% DUE 02/15/2043					
12776*MF1	CN	29379V-AY-9	ENTERPRISE PRODUCTS OPER CO.GUARNT 4.45% DUE 02/15/2043					
12776*MF1	CN	29379V-AY-9	ENTERPRISE PRODUCTS OPER CO.GUARNT 4.45% DUE 02/15/2043					
12776*MF1	CN	29379V-AY-9	ENTERPRISE PRODUCTS OPER CO.GUARNT 4.45% DUE 02/15/2043					
12776*MF1	CN	29379V-AY-9	ENTERPRISE PRODUCTS OPER CO.GUARNT 4.45% DUE 02/15/2043					
12776*MF1	CN	29379V-AY-9	ENTERPRISE PRODUCTS OPER CO.GUARNT 4.45% DUE 02/15/2043					
12776*MG9	R		CDX-NAHYS43 35-100 12/20/2029	1A	117,913,904	58,957	188,662	389,116
12776*MG9	CN	744560-CE-4	PUBLIC SERVICE ELECTRIC SERIES MTN 2.05% DUE 08/01/2050					
12776*MG9	CN	87938W-AV-5	TELEFONICA EMISIONES SAU 4.665% DUE 3/6/2038 MS6 4.665% DUE 03/06/2038					
12776*MG9	CN	87938W-AV-5	TELEFONICA EMISIONES SAU 4.665% DUE 3/6/2038 MS6 4.665% DUE 03/06/2038					
12776*MG9	CN	87938W-AV-5	TELEFONICA EMISIONES SAU 4.665% DUE 3/6/2038 MS6 4.665% DUE 03/06/2038					
12776*MG9	CN	87938W-AV-5	TELEFONICA EMISIONES SAU 4.665% DUE 3/6/2038 MS6 4.665% DUE 03/06/2038					
12776*MG9	CN	87938W-AV-5	TELEFONICA EMISIONES SAU 4.665% DUE 3/6/2038 MS6 4.665% DUE 03/06/2038					
12776*MG9	CN	74977R-DP-6	COOPERATIEVE RABOBANK UA SERIES 144A 3.758% DUE 04/06/2033					
12776*MG9	CN	74977R-DP-6	COOPERATIEVE RABOBANK UA SERIES 144A 3.758% DUE 04/06/2033					
12776*MG9	CN	744560-CE-4	PUBLIC SERVICE ELECTRIC SERIES MTN 2.05% DUE 08/01/2050					
12776*MG9	CN	744560-CE-4	PUBLIC SERVICE ELECTRIC SERIES MTN 2.05% DUE 08/01/2050					
12776*MG9	CN	744560-CE-4	PUBLIC SERVICE ELECTRIC SERIES MTN 2.05% DUE 08/01/2050					
12776*MG9	CN	744560-CE-4	PUBLIC SERVICE ELECTRIC SERIES MTN 2.05% DUE 08/01/2050					
12776*MG9	CN	744560-CE-4	PUBLIC SERVICE ELECTRIC SERIES MTN 2.05% DUE 08/01/2050					
12776*MG9	CN	87938W-AV-5	TELEFONICA EMISIONES SAU 4.665% DUE 3/6/2038 MS6 4.665% DUE 03/06/2038					
12776*MG9	CN	87938W-AV-5	TELEFONICA EMISIONES SAU 4.665% DUE 3/6/2038 MS6 4.665% DUE 03/06/2038					
12776*MG9	CN	87938W-AV-5	TELEFONICA EMISIONES SAU 4.665% DUE 3/6/2038 MS6 4.665% DUE 03/06/2038					
12776*MH7	R		CDX-NAHYS43 35-100 12/20/2029	1A	74,958,290	37,479	119,933	247,362
12776*MH7	CN	79588T-AF-7	SAMMONS FINANCIAL GROUP SERIES 144A 6.875% DUE 04/15/2034					
12776*MH7	CN	737679-CY-4	POTOMAC ELECTRIC POWER 1ST MORTG 5.75% DUE 04/15/2034					

ASSET VALUATION RESERVE

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

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12776*MH7	CN	46115H-CD-7	INTESA SANPAOLO SPA SERIES 144A 7.2% DUE 11/28/2033					
91278*KK9	R		Treasury Bond Forward T 3.625 05/15/53 (912810TR9)	1B	48,888,411	24,444	78,221	161,332
91278*KK9	CN	037833-DZ-0	APPLE INC 2.4% DUE 8/20/2050 FA20 2.4% DUE 08/20/2050					
91278* KM5	R		Treasury Bond Forward T 3.625 05/15/53 (912810TR9)	1*	48,100,442	24,050	76,961	158,731
91278* KM5	CN	21036P-BH-0	CONSTELLATION BRANDS INC 2 1/4% DUE 8/1/2031 FA1 2.25% DUE 08/01/2031					
91278* KM5	CN	21036P-BH-0	CONSTELLATION BRANDS INC 2 1/4% DUE 8/1/2031 FA1 2.25% DUE 08/01/2031					
91278* KM5	CN	21036P-BH-0	CONSTELLATION BRANDS INC 2 1/4% DUE 8/1/2031 FA1 2.25% DUE 08/01/2031					
91278* KM5	CN	21036P-BH-0	CONSTELLATION BRANDS INC 2 1/4% DUE 8/1/2031 FA1 2.25% DUE 08/01/2031					
91278*KP8	R		Treasury Bond Forward T 4.125 08/15/53 (912810TT5)	1*	25,000,000	12,500	40,000	82,500
91278*KP8	CN	06738E-CL-7	BARCLAYS PLC VAR % DUE 9/13/2034 MS13 6.692% DUE 09/13/2034					
91278*KG8	R		Treasury Bond Forward T 4.125 08/15/53 (912810TT5)	2A	96,188,248	201,995	615,605	1,019,595
91278*KG8	CN	12803R-AC-8	CAIXABANK SA SERIES 144A 6.84% DUE 09/13/2034					
91278*KG8	CN	00287Y-AV-1	ABBVIE INC SR UNSEC 4.3% DUE 05/14/2036					
91278*KG8	CN	00287Y-AV-1	ABBVIE INC SR UNSEC 4.3% DUE 05/14/2036					
TBD	R		Treasury Bond Forward T 3.625 05/15/53 (912810TR9)	1*	23,050,172	11,525	36,880	76,066
TBD	CN	883556-CM-2	THERMO FISHER SCIENTIFIC 2.8% DUE 10/15/2041 A015 2.8% DUE 10/15/2041					
TBD	CN	883556-CM-2	THERMO FISHER SCIENTIFIC 2.8% DUE 10/15/2041 A015 2.8% DUE 10/15/2041					
TBD	R		Treasury Bond Forward T 3.625 05/15/53 (912810TR9)	1*	23,060,955	11,530	36,898	76,101
TBD	CN	001192-AK-9	SOUTHERN CO GAS CAPITAL CO.GUARNT 4.4% DUE 06/01/2043					
TBD	CN	001192-AK-9	SOUTHERN CO GAS CAPITAL CO.GUARNT 4.4% DUE 06/01/2043					
12776*QT7	R		CDX-NAIGS43 7-15 12/20/2029	1E	10,128,503	5,064	16,206	33,424
12776*QT7	CN	05581K-AG-6	BNP PARIBAS SERIES 144A 5.894% DUE 12/05/2034					
12776*QT7	CN	05526D-BY-0	BAT CAPITAL CORP 5.834% DUE 2/20/2031 FA20 5.834% DUE 02/20/2031					
12776*PM3	R		CDX-NAHYS43 35-100 12/20/2029	1A	58,243,157	29,122	93,189	192,202
12776*PM3	CN	912810-UJ-5	US TREASURY N B 4 3/4% DUE 2/15/2045 FA15 4.75% DUE 02/15/2045					
12776*PM3	CN	375558-CD-3	GILEAD SCIENCES INC 5 1/2% DUE 11/15/2054 MN15 5.5% DUE 11/15/2054					
12776*PN1	R		CDX-NAHYS43 35-100 12/20/2029	1A	58,390,201	29,195	93,424	192,688
12776*PN1	CN	912810-UJ-5	US TREASURY N B 4 3/4% DUE 2/15/2045 FA15 4.75% DUE 02/15/2045					
12776*PP6	R		CDX-NAHYS43 35-100 12/20/2029	1A	116,630,538	58,315	186,609	384,881
12776*PP6	CN	912810-UJ-5	US TREASURY N B 4 3/4% DUE 2/15/2045 FA15 4.75% DUE 02/15/2045					
12776*PP6	CN	912810-UJ-5	US TREASURY N B 4 3/4% DUE 2/15/2045 FA15 4.75% DUE 02/15/2045					
12776*PQ4	R		CDX-NAHYS43 35-100 12/20/2029	1A	58,650,208	29,325	93,840	193,546
12776*PQ4	CN	912810-UJ-5	US TREASURY N B 4 3/4% DUE 2/15/2045 FA15 4.75% DUE 02/15/2045					
12776*PR2	R		CDX-NAHYS43 35-100 12/20/2029	1A	114,670,851	57,335	183,473	378,414
12776*PR2	CN	655844-BX-5	NORFOLK SOUTHERN CORP SR UNSEC 3.942% DUE 11/01/2047					
12776*PR2	CN	655844-BX-5	NORFOLK SOUTHERN CORP SR UNSEC 3.942% DUE 11/01/2047					
12776*PR2	CN	655844-BX-5	NORFOLK SOUTHERN CORP SR UNSEC 3.942% DUE 11/01/2047					
12776*PR2	CN	655844-BX-5	NORFOLK SOUTHERN CORP SR UNSEC 3.942% DUE 11/01/2047					
12776*PS0	R		CDX-NAHYS43 35-100 12/20/2029	1A	107,125,226	53,563	171,400	353,513
12776*PS0	CN	039483-AT-9	ARCHER DANIELS SR UNSEC 5.935% DUE 10/01/2032					
12776*PS0	CN	74432Q-CE-3	PRUDENTIAL FINANCIAL INC SR UNSEC 4.35% DUE 02/25/2050					
12776*PS0	CN	74456Q-BQ-8	PUBLIC SERVICE ELECTRIC 1ST MORTG 3.8% DUE 03/01/2046					
12776*PS0	CN	039483-AT-9	ARCHER DANIELS SR UNSEC 5.935% DUE 10/01/2032					
12776*PS0	CN	039483-AT-9	ARCHER DANIELS SR UNSEC 5.935% DUE 10/01/2032					
12776*PS0	CN	039483-AT-9	ARCHER DANIELS SR UNSEC 5.935% DUE 10/01/2032					
12776*PS0	CN	039483-AT-9	ARCHER DANIELS SR UNSEC 5.935% DUE 10/01/2032					
12776*PS0	CN	039483-AT-9	ARCHER DANIELS SR UNSEC 5.935% DUE 10/01/2032					
12776*PS0	CN	46647P-AJ-5	JPMORGAN CHASE & CO SR UNSEC 3.882% DUE 07/24/2038					
12776*PS0	CN	74432Q-AH-8	PRUDENTIAL FINANCIAL INC SR UNSEC 5.4% DUE 06/13/2035					
12776*PS0	CN	74432Q-AH-8	PRUDENTIAL FINANCIAL INC SR UNSEC 5.4% DUE 06/13/2035					
12776*PT8	R		CDX-NAHYS43 35-100 12/20/2029	1A	116,615,396	58,308	186,585	384,831
12776*PT8	CN	912810-QT-8	US TREASURY N/B UNITED STATES TREASURY NO 3.12 3.125% DUE 11/15/2041					
12776*PT8	CN	912810-QT-8	US TREASURY N/B UNITED STATES TREASURY NO 3.12 3.125% DUE 11/15/2041					
12776*PT8	CN	912810-QT-8	US TREASURY N/B UNITED STATES TREASURY NO 3.12 3.125% DUE 11/15/2041					
12776* PU5	R		CDX-NAHYS43 35-100 12/20/2029	1A	115,353,591	57,677	184,566	380,667
12776* PU5	CN	149123-BK-6	CATERPILLAR INC SR UNSEC 6.95% DUE 05/01/2042					
12776* PU5	CN	149123-BN-0	CATERPILLAR INC SR UNSEC 6.05% DUE 08/15/2036					

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
12776* PU5	CN	149123-BN-0	CATERPILLAR INC SR UNSEC 6.05% DUE 08/15/2036					
12776* PU5	CN	171232-AQ-4	CHUBB CORP CO.GUARNT 6% DUE 05/11/2037					
12776* PU5	CN	171232-AQ-4	CHUBB CORP CO.GUARNT 6% DUE 05/11/2037					
12776* PU5	CN	89352H-AD-1	TRANSCANADA PIPELINES SR UNSEC 6.2% DUE 10/15/2037					
12776* PU5	CN	532457-AP-3	ELI LILLY & CO SR UNSEC 6.77% DUE 01/01/2036					
12776* PU5	CN	532457-AP-3	ELI LILLY & CO SR UNSEC 6.77% DUE 01/01/2036					
12776* PU5	CN	532457-AP-3	ELI LILLY & CO SR UNSEC 6.77% DUE 01/01/2036					
12776*PV3	R		CDX-NAHYS43 35-100 12/20/2029	1A	57,833,082	28,917	92,533	190,849
12776*PV3	CN	250847-DU-1	DTE ELECTRIC CO SR SEC 6.35% DUE 10/15/2032					
12776*PV3	CN	882389-CC-1	TEXAS EASTERN TRANSMISSI SR UNSEC 7% DUE 07/15/2032					
12776*PV3	CN	882389-CC-1	TEXAS EASTERN TRANSMISSI SR UNSEC 7% DUE 07/15/2032					
12776*PV3	CN	882389-CC-1	TEXAS EASTERN TRANSMISSI SR UNSEC 7% DUE 07/15/2032					
12776*PV3	CN	882389-CC-1	TEXAS EASTERN TRANSMISSI SR UNSEC 7% DUE 07/15/2032					
12776*PV3	CN	136375-BL-5	CANADIAN NATL RAILWAY SR UNSEC 6.25% DUE 08/01/2034					
12776*PV3	CN	136375-BL-5	CANADIAN NATL RAILWAY SR UNSEC 6.25% DUE 08/01/2034					
12776*PV3	CN	136375-BL-5	CANADIAN NATL RAILWAY SR UNSEC 6.25% DUE 08/01/2034					
12776*PW1	R		CDX-NAHYS43 35-100 12/20/2029	1A	117,209,431	58,605	187,535	386,791
12776*PW1	CN	009158-BA-3	AIR PRODUCTS & CHEMICALS 2.8% DUE 5/15/2050 MN15 2.8% DUE 05/15/2050					
12776*PW1	CN	009158-BA-3	AIR PRODUCTS & CHEMICALS 2.8% DUE 5/15/2050 MN15 2.8% DUE 05/15/2050					
12776*PW1	CN	009158-BA-3	AIR PRODUCTS & CHEMICALS 2.8% DUE 5/15/2050 MN15 2.8% DUE 05/15/2050					
12776*PW1	CN	009158-BA-3	AIR PRODUCTS & CHEMICALS 2.8% DUE 5/15/2050 MN15 2.8% DUE 05/15/2050					
12776*PW1	CN	009158-BA-3	AIR PRODUCTS & CHEMICALS 2.8% DUE 5/15/2050 MN15 2.8% DUE 05/15/2050					
12776*PW1	CN	89417E-AD-1	TRAVELERS COS INC SR UNSEC 6.25% DUE 06/15/2037					
12776*PW1	CN	912810-UJ-5	US TREASURY N B 4 3/4% DUE 2/15/2045 FA15 4.75% DUE 02/15/2045					
TBD	R		CDX-NAHYS43 35-100 12/20/2029	1*	58,206,030	29,103	93,130	192,080
TBD	CN	912810-UJ-5	US TREASURY N B 4 3/4% DUE 2/15/2045 FA15 4.75% DUE 02/15/2045					
12776*PY7	R		CDX-NAHYS43 35-100 12/20/2029	1A	58,328,130	29,164	93,325	192,483
12776*PY7	CN	89788M-AS-1	TRUIST FINANCIAL CORP SERIES MTN 5.711% DUE 01/24/2035					
12776*PY7	CN	89788M-AS-1	TRUIST FINANCIAL CORP SERIES MTN 5.711% DUE 01/24/2035					
12776*PY7	CN	202795-JJ-0	COMMONWEALTH EDISON CO 1ST MORTG 3.65% DUE 06/15/2046					
12776*PZ4	R		CDX-NAHYS43 35-100 12/20/2029	1A	115,584,862	57,792	184,936	381,430
12776*PZ4	CN	745332-CK-0	PUGET SOUND ENERGY INC 2.893% DUE 9/15/2051 MS15 2.893% DUE 09/15/2051					
12776*PZ4	CN	745332-CK-0	PUGET SOUND ENERGY INC 2.893% DUE 9/15/2051 MS15 2.893% DUE 09/15/2051					
12776*PZ4	CN	745332-CK-0	PUGET SOUND ENERGY INC 2.893% DUE 9/15/2051 MS15 2.893% DUE 09/15/2051					
12776*PZ4	CN	745332-CK-0	PUGET SOUND ENERGY INC 2.893% DUE 9/15/2051 MS15 2.893% DUE 09/15/2051					
12776*PZ4	CN	745332-CK-0	PUGET SOUND ENERGY INC 2.893% DUE 9/15/2051 MS15 2.893% DUE 09/15/2051					
12776*PZ4	CN	912810-UJ-5	US TREASURY N B 4 3/4% DUE 2/15/2045 FA15 4.75% DUE 02/15/2045					
12776*PZ4	CN	912810-UJ-5	US TREASURY N B 4 3/4% DUE 2/15/2045 FA15 4.75% DUE 02/15/2045					
12776*PZ4	CN	912810-UJ-5	US TREASURY N B 4 3/4% DUE 2/15/2045 FA15 4.75% DUE 02/15/2045					
12776*PZ4	CN	912810-UJ-5	US TREASURY N B 4 3/4% DUE 2/15/2045 FA15 4.75% DUE 02/15/2045					
91278*KJ2	R		Treasury Bond Forward T 3.625 05/15/53 (912810TR9)	1A	44,403,887	22,202	71,046	146,533
91278*KJ2	CN	912810-TH-1	US TREASURY N B 3 1/8% DUE 5/15/2042 MN15 3.125% DUE 05/15/2042					
TBD	R		CDX-NAHYS43 35-100 12/20/2029	1*	115,417,683	57,709	184,668	380,878
TBD	CN	912810-QK-7	US TREASURY N/B UNITED STATES TREASURY NO 3.87 3.875% DUE 08/15/2040					
TBD	CN	912810-QK-7	US TREASURY N/B UNITED STATES TREASURY NO 3.87 3.875% DUE 08/15/2040					
TBD	CN	912810-QL-5	US TREASURY N/B UNITED STATES TREASURY NO 4.25 4.25% DUE 11/15/2040					
TBD	CN	244199-BM-6	DEERE & COMPANY 5.7% DUE 1/19/2055 JJ19 5.7% DUE 01/19/2055					
12776*SH1	R		CDX-NAHYS43 35-100 12/20/2029	1*	115,249,162	57,625	184,399	380,322
12776*SH1	CN	136385-AC-5	CANADIAN NATL RESOURCES SR UNSEC 7.2% DUE 01/15/2032					
12776*SH1	CN	695114-BZ-0	PACIFICORP 1ST MORTG 5.25% DUE 06/15/2035					
12776*SH1	CN	695114-BZ-0	PACIFICORP 1ST MORTG 5.25% DUE 06/15/2035					
12776*SH1	CN	912810-UJ-5	US TREASURY N B 4 3/4% DUE 2/15/2045 FA15 4.75% DUE 02/15/2045					
12776*SH1	CN	912810-UJ-5	US TREASURY N B 4 3/4% DUE 2/15/2045 FA15 4.75% DUE 02/15/2045					
12776*SH1	CN	136385-AC-5	CANADIAN NATL RESOURCES SR UNSEC 7.2% DUE 01/15/2032					
12776*SH1	CN	136385-AC-5	CANADIAN NATL RESOURCES SR UNSEC 7.2% DUE 01/15/2032					
12776*SH1	CN	136385-AC-5	CANADIAN NATL RESOURCES SR UNSEC 7.2% DUE 01/15/2032					
12776*SH1	CN	136385-AC-5	CANADIAN NATL RESOURCES SR UNSEC 7.2% DUE 01/15/2032					

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
12776*SH1	CN	136385-AC-5	CANADIAN NATL RESOURCES SR UNSEC 7.2% DUE 01/15/2032					
12776*SH1	CN	195869-AG-7	COLONIAL PIPELINE CO SR UNSEC 7.63% DUE 04/15/2032					
12776*SH1	CN	195869-AG-7	COLONIAL PIPELINE CO SR UNSEC 7.63% DUE 04/15/2032					
12776*SH1	CN	461070-AG-9	INTERSTATE POWER & LIGHT SR UNSEC 6.25% DUE 07/15/2039					
12776*SJ7	R		CDX-NAHYS43 35-100 12/20/2029	1*	115,258,045	57,629	184,413	380,352
12776*SJ7	CN	210518-CU-8	CONSUMERS ENERGY CO 1ST MORTG 3.95% DUE 05/15/2043					
12776*SJ7	CN	210518-CU-8	CONSUMERS ENERGY CO 1ST MORTG 3.95% DUE 05/15/2043					
12776*SJ7	CN	668074-AU-1	NORTHWESTERN CORP 1ST MORTG 4.176% DUE 11/15/2044					
12776*SJ7	CN	79588T-AD-2	SAMMONS FINANCIAL GROUP SERIES 144A 3.35% DUE 04/16/2031					
12776*SJ7	CN	79588T-AD-2	SAMMONS FINANCIAL GROUP SERIES 144A 3.35% DUE 04/16/2031					
12776*SJ7	CN	79588T-AD-2	SAMMONS FINANCIAL GROUP SERIES 144A 3.35% DUE 04/16/2031					
12776*SJ7	CN	79588T-AD-2	SAMMONS FINANCIAL GROUP SERIES 144A 3.35% DUE 04/16/2031					
12776*SK4	R		CDX-NAHYS43 35-100 12/20/2029	1*	58,270,398	29,135	93,233	192,292
12776*SK4	CN	25156P-AC-7	DEUTSCHE TELEKOM INT FIN CO.GUARNT 8.75% DUE 06/15/2030					
12776*SK4	CN	25156P-AC-7	DEUTSCHE TELEKOM INT FIN CO.GUARNT 8.75% DUE 06/15/2030					
12776*SK4	CN	56033A-AA-8	MAIMONIDES MEDICAL CENTE MORTGAGE BACKED 3.3% DUE 03/20/2032					
12776*SK4	CN	797440-BL-7	SAN DIEGO G & E 1ST MORTG 5.35% DUE 05/15/2040					
12776*SK4	CN	05571A-AY-1	BPCE SA SERIES 144A 5.936% DUE 05/30/2035					
12776*SL2	R		CDX-NAIGS43 7-15 12/20/2029	1*	50,196,075	25,098	80,314	165,647
12776*SL2	CN	45866F-AQ-7	INTERCONTINENTALEXCHANGE 3% DUE 9/15/2060 MS15 3% DUE 09/15/2060					
12776*SL2	CN	682680-BU-6	ONEOK INC 4.2% DUE 12/1/2042 JD1 4.2% DUE 12/01/2042					
91278*KQ6	R		Treasury Bond Forward T 3.625 05/15/53 (912810TN8)	1*	11,981,341	5,991	19,170	39,538
91278*KQ6	CN	744560-AP-1	PUBLIC SERVICE EL & GAS SR SEC 5.25% DUE 07/01/2035					
91278* KR4	R		Treasury Bond Forward T 3.625 05/15/53 (912810TR9)	1*	11,651,043	5,826	18,642	38,448
91278* KR4	CN	912810-TA-6	US TREASURY N/B 1 3/4% DUE 8/15/2041 FA15 1.75% DUE 08/15/2041					
TBD	R		Treasury Total Return Swap T 3 08/15/2052 (912810TJ7)	1*	59,033,543	29,517	94,454	194,811
TBD	CN	74251V-AA-0	PRINCIPAL FINANCIAL GRP CO.GUARNT 6.05% DUE 10/15/2036					
TBD	CN	74251V-AA-0	PRINCIPAL FINANCIAL GRP CO.GUARNT 6.05% DUE 10/15/2036					
TBD	CN	74251V-AA-0	PRINCIPAL FINANCIAL GRP CO.GUARNT 6.05% DUE 10/15/2036					
TBD	CN	74251V-AA-0	PRINCIPAL FINANCIAL GRP CO.GUARNT 6.05% DUE 10/15/2036					
TBD	CN	74251V-AA-0	PRINCIPAL FINANCIAL GRP CO.GUARNT 6.05% DUE 10/15/2036					
TBD	CN	283677-AW-2	EL PASO ELECTRIC CO SR UNSEC 6% DUE 05/15/2035					
TBD	CN	283677-AW-2	EL PASO ELECTRIC CO SR UNSEC 6% DUE 05/15/2035					
TBD	CN	585055-BT-2	MEDTRONIC INC CO.GUARNT 4.375% DUE 03/15/2035					
TBD	R		Treasury Total Return Swap T 4.125 08/15/53 (912810TT5)	1*	46,637,965	23,319	74,621	153,905
TBD	CN	91282C-EP-2	US TREASURY N B 2 7/8% DUE 5/15/2032 MN15 2.875% DUE 05/15/2032					
TBD	R		Treasury Bond Forward T 3.625 05/15/53 (912810TR9)	1*	22,129,478	11,065	35,407	73,027
TBD	CN	570535-AX-2	MARKEL CORP 3.45% DUE 5/7/2052 MN7 3.45% DUE 05/07/2052					
TBD	CN	570535-AX-2	MARKEL CORP 3.45% DUE 5/7/2052 MN7 3.45% DUE 05/07/2052					
TBD	R		Interest Rate Swap	1*	10,944,040	5,472	17,510	36,115
TBD	CN	775109-BG-5	ROGERS COMMUNICATIONS IN CO.GUARNT 4.3% DUE 02/15/2048					
TBD	R		Interest Rate Swap	1*	10,387,178	5,194	16,619	34,278
TBD	CN	92826C-AQ-5	VISA INC 2% DUE 8/15/2050 FA15 2% DUE 08/15/2050					
TBD	CN	92826C-AQ-5	VISA INC 2% DUE 8/15/2050 FA15 2% DUE 08/15/2050					
TBD	R		Interest Rate Swap	1*	7,000,000	3,500	11,200	23,100
TBD	CN	91159H-JB-7	US BANCORP 2.491% DUE 11/3/2036 MN3 2.491% DUE 11/03/2036					
TBD	R		Interest Rate Swap	1*	7,007,399	3,504	11,212	23,124
TBD	CN	437076-DF-6	HOME DEPOT INC 5.3% DUE 6/25/2054 JD25 5.3% DUE 06/25/2054					
TBD	CN	437076-DF-6	HOME DEPOT INC 5.3% DUE 6/25/2054 JD25 5.3% DUE 06/25/2054					
TBD	R		Interest Rate Swap	1*	7,093,180	3,547	11,349	23,407
TBD	CN	7591EP-AV-2	REGIONS FINANCIAL CORP VAR % DUE 9/6/2035 MS6 5.502% DUE 09/06/2035					
TBD	R		Treasury Bond Forward T 3.625 05/15/53 (912810TR9)	1*	22,063,466	11,032	35,302	72,809
TBD	CN	589331-AS-6	MERCK & CO INC SR UNSEC 3.6% DUE 09/15/2042					
TBD	CN	589331-AS-6	MERCK & CO INC SR UNSEC 3.6% DUE 09/15/2042					
TBD	CN	589331-AS-6	MERCK & CO INC SR UNSEC 3.6% DUE 09/15/2042					
TBD	CN	589331-AS-6	MERCK & CO INC SR UNSEC 3.6% DUE 09/15/2042					
TBD	CN	589331-AS-6	MERCK & CO INC SR UNSEC 3.6% DUE 09/15/2042					

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

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TBD	CN	589331-AS-6	MERCK & CO INC SR UNSEC 3.6% DUE 09/15/2042					
TBD	R		Treasury Bond Forward T 3.625 05/15/53 (912810TR9)	1*	22,045,828	11,023	35,273	72,751
TBD	CN	459200-LK-5	IBM CORP 5.7% DUE 2/10/2055 FA10 5.7% DUE 02/10/2055					
TBD	CN	459200-LK-5	IBM CORP 5.7% DUE 2/10/2055 FA10 5.7% DUE 02/10/2055					
TBD	R		Treasury Bond Forward T 3.625 05/15/53 (912810TR9)	1*	11,981,621	5,991	19,171	39,539
TBD	CN	91282C-GJ-4	US TREASURY N B 3 1/2% DUE 1/31/2030 JJ31 3.5% DUE 01/31/2030					
91278*KZ6	R		Treasury Bond Forward T 3.625 05/15/53 (912810TR9)	1*	10,758,766	5,379	17,214	35,504
91278*KZ6	CN	79466L-AK-0	SALESFORCE COM INC 2.7% DUE 7/15/2041 JJ15 2.7% DUE 07/15/2041					
91278*KZ6	CN	79466L-AK-0	SALESFORCE COM INC 2.7% DUE 7/15/2041 JJ15 2.7% DUE 07/15/2041					
TBD	R		Treasury Bond Forward T 3.625 05/15/53 (912810TR9)	1*	11,037,714	5,519	17,660	36,424
TBD	CN	91282C-FY-2	US TREASURY N B 3 7/8% DUE 11/30/2029 MN31 3.875% DUE 11/30/2029					
91278*LB8	R		Treasury Bond Forward T 3.625 05/15/53 (912810TR9)	1*	11,037,714	5,519	17,660	36,424
91278*LB8	CN	91282C-FY-2	US TREASURY N B 3 7/8% DUE 11/30/2029 MN31 3.875% DUE 11/30/2029					
TBD	R		Treasury Bond Forward T 3.625 05/15/53 (912810TR9)	1*	11,139,696	5,570	17,824	36,761
TBD	CN	912810-TK-4	US TREASURY N B 3 3/8% DUE 8/15/2042 FA15 3.375% DUE 08/15/2042					
91278* LC6	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	88,329,968	44,165	141,328	291,489
91278* LC6	CN	637071-AK-7	NATIONAL OILWELL VARCO I SR UNSEC 3.95% DUE 12/01/2042					
91278* LC6	CN	637071-AK-7	NATIONAL OILWELL VARCO I SR UNSEC 3.95% DUE 12/01/2042					
91278* LC6	CN	29366M-AB-4	ENTERGY ARKANSAS LLC 2.65% DUE 6/15/2051 JD15 2.65% DUE 06/15/2051					
91278* LC6	CN	29366M-AB-4	ENTERGY ARKANSAS LLC 2.65% DUE 6/15/2051 JD15 2.65% DUE 06/15/2051					
91278* LC6	CN	29366M-AB-4	ENTERGY ARKANSAS LLC 2.65% DUE 6/15/2051 JD15 2.65% DUE 06/15/2051					
91278* LC6	CN	29366M-AB-4	ENTERGY ARKANSAS LLC 2.65% DUE 6/15/2051 JD15 2.65% DUE 06/15/2051					
91278* LC6	CN	637071-AK-7	NATIONAL OILWELL VARCO I SR UNSEC 3.95% DUE 12/01/2042					
91278* LC6	CN	637071-AK-7	NATIONAL OILWELL VARCO I SR UNSEC 3.95% DUE 12/01/2042					
91278* LC6	CN	637071-AK-7	NATIONAL OILWELL VARCO I SR UNSEC 3.95% DUE 12/01/2042					
91278* LC6	CN	637071-AK-7	NATIONAL OILWELL VARCO I SR UNSEC 3.95% DUE 12/01/2042					
91278* LC6	CN	637071-AK-7	NATIONAL OILWELL VARCO I SR UNSEC 3.95% DUE 12/01/2042					
91278* LC6	CN	637071-AK-7	NATIONAL OILWELL VARCO I SR UNSEC 3.95% DUE 12/01/2042					
91278* LC6	CN	637071-AK-7	NATIONAL OILWELL VARCO I SR UNSEC 3.95% DUE 12/01/2042					
91278* LD4	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	49,020,564	24,510	78,433	161,768
91278* LD4	CN	03115A-AA-1	AMFAM HOLDINGS INC SERIES 144A 2.805% DUE 03/11/2031					
91278* LD4	CN	632525-AU-5	NATIONAL AUSTRALIA BANK SERIES 144A 2.332% DUE 08/21/2030					
91278* LD4	CN	632525-AU-5	NATIONAL AUSTRALIA BANK SERIES 144A 2.332% DUE 08/21/2030					
91278* LE2	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	32,363,490	16,182	51,782	106,800
91278* LE2	CN	93884P-DW-7	WASHINGTON GAS LIGHT CO SR UNSEC 3.796% DUE 09/15/2046					
91278* LE2	CN	93884P-DW-7	WASHINGTON GAS LIGHT CO SR UNSEC 3.796% DUE 09/15/2046					
91278* LE2	CN	93884P-DW-7	WASHINGTON GAS LIGHT CO SR UNSEC 3.796% DUE 09/15/2046					
91278* LF9	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	32,000,000	16,000	51,200	105,600
91278* LF9	CN	86562M-CB-4	SUMITOMO MITSUI FINL GRP 2.13% DUE 7/8/2030 JJ8 2.13% DUE 07/08/2030					
91278* LL6	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	16,107,084	8,054	25,771	53,153
91278* LL6	CN	92343V-GW-8	VERIZON COMMUNICATIONS 5 1/2% DUE 2/23/2054 FA23 5.5% DUE 02/23/2054					
91278* LG7	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	52,908,237	26,454	84,653	174,597
91278* LG7	CN	91282C-FF-3	US TREASURY NB 2 3/4% DUE 8/15/2032 FA15 2.75% DUE 08/15/2032					
91278* LG7	CN	91282C-FF-3	US TREASURY NB 2 3/4% DUE 8/15/2032 FA15 2.75% DUE 08/15/2032					
91278* LH5	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	48,018,114	24,009	76,829	158,460
91278* LH5	CN	046353-AX-6	ASTRAZENECA PLC 2 1/8% DUE 8/6/2050 FA6 2.125% DUE 08/06/2050					
91278* LH5	CN	046353-AX-6	ASTRAZENECA PLC 2 1/8% DUE 8/6/2050 FA6 2.125% DUE 08/06/2050					
91278* LH5	CN	046353-AX-6	ASTRAZENECA PLC 2 1/8% DUE 8/6/2050 FA6 2.125% DUE 08/06/2050					
91278* LH5	CN	29278G-AP-3	ENEL FINANCE INTL NV SERIES 144A 2.25% DUE 07/12/2031					
91278* LH5	CN	29278G-AP-3	ENEL FINANCE INTL NV SERIES 144A 2.25% DUE 07/12/2031					
91278* LH5	CN	29278G-AP-3	ENEL FINANCE INTL NV SERIES 144A 2.25% DUE 07/12/2031					
91278* LJ1	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	32,860,932	16,430	52,577	108,441
91278* LJ1	CN	571748-BN-1	MARSH & MCLENNAN COS INC 2 1/4% DUE 11/15/2030 MN15 2.25% DUE 11/15/2030					
91278*LQ5	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	32,000,000	16,000	51,200	105,600
91278*LQ5	CN	05971K-AG-4	BANCO SANTANDER SA 2.749% DUE 12/3/2030 JD3 2.749% DUE 12/03/2030					
91278* LK8	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	32,397,044	16,199	51,835	106,910

ASSET VALUATION RESERVE

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91278* LK8	CN	369550-BH-0	GENERAL DYNAMICS CORP 4 1/4% DUE 4/1/2040 A01 4.25% DUE 04/01/2040					
91278* LK8	CN	369550-BH-0	GENERAL DYNAMICS CORP 4 1/4% DUE 4/1/2040 A01 4.25% DUE 04/01/2040					
91278*LM4	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	32,000,000	16,000	51,200	105,600
91278*LM4	CN	251526-CY-3	DEUTSCHE BANK NY VAR % DUE 9/11/2035 MS11 5.403% DUE 09/11/2035					
91278*LM4	CN	251526-CY-3	DEUTSCHE BANK NY VAR % DUE 9/11/2035 MS11 5.403% DUE 09/11/2035					
91278*LM4	CN	251526-CY-3	DEUTSCHE BANK NY VAR % DUE 9/11/2035 MS11 5.403% DUE 09/11/2035					
91278*LN2	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	34,063,983	17,032	54,502	112,411
91278*LN2	CN	07274N-BG-7	BAYER US FINANCE II LLC CO.GUARNT 3.95% DUE 04/15/2045					
91278*LN2	CN	07274N-BG-7	BAYER US FINANCE II LLC CO.GUARNT 3.95% DUE 04/15/2045					
91278*LN2	CN	341081-FH-5	FLORIDA POWER & LIGHT CO 1ST MORTG 3.8% DUE 12/15/2042					
91278*LP7	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	32,020,133	16,010	51,232	105,666
91278*LP7	CN	912810-UK-2	US TREASURY N B 4 3/4% DUE 5/15/2055 MN15 4.75% DUE 05/15/2055					
91278*LP7	CN	912810-UK-2	US TREASURY N B 4 3/4% DUE 5/15/2055 MN15 4.75% DUE 05/15/2055					
91278* LR3	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	32,981,052	16,491	52,770	108,837
91278* LR3	CN	031162-CR-9	AMGEN INC 3.15% DUE 2/21/2040 FA21 3.15% DUE 02/21/2040					
91278* LR3	CN	031162-CR-9	AMGEN INC 3.15% DUE 2/21/2040 FA21 3.15% DUE 02/21/2040					
91278*LS1	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	31,215,523	15,608	49,945	103,011
91278*LS1	CN	89417E-AQ-2	TRAVELERS COS INC 2.55% DUE 4/27/2050 A027 2.55% DUE 04/27/2050					
91278*LS1	CN	89417E-AQ-2	TRAVELERS COS INC 2.55% DUE 4/27/2050 A027 2.55% DUE 04/27/2050					
91278*LS1	CN	89417E-AQ-2	TRAVELERS COS INC 2.55% DUE 4/27/2050 A027 2.55% DUE 04/27/2050					
91278*LS1	CN	89417E-AQ-2	TRAVELERS COS INC 2.55% DUE 4/27/2050 A027 2.55% DUE 04/27/2050					
91278*LT9	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	34,490,515	17,245	55,185	113,819
91278*LT9	CN	72284K-AB-7	PINE STREET TRUST III SERIES 144A 6.223% DUE 05/15/2054					
91278*LT9	CN	72284K-AB-7	PINE STREET TRUST III SERIES 144A 6.223% DUE 05/15/2054					
91278*LT9	CN	72284K-AB-7	PINE STREET TRUST III SERIES 144A 6.223% DUE 05/15/2054					
TBD	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	34,100,777	17,050	54,561	112,533
TBD	CN	907818-EB-0	UNION PACIFIC CORP SR UNSEC 3.375% DUE 02/01/2035					
TBD	CN	907818-EB-0	UNION PACIFIC CORP SR UNSEC 3.375% DUE 02/01/2035					
TBD	CN	29444U-BH-8	EQUINIX INC 2.15% DUE 7/15/2030 JJ15 2.15% DUE 07/15/2030					
TBD	CN	907818-EB-0	UNION PACIFIC CORP SR UNSEC 3.375% DUE 02/01/2035					
TBD	CN	907818-EB-0	UNION PACIFIC CORP SR UNSEC 3.375% DUE 02/01/2035					
TBD	CN	907818-EB-0	UNION PACIFIC CORP SR UNSEC 3.375% DUE 02/01/2035					
TBD	CN	907818-EB-0	UNION PACIFIC CORP SR UNSEC 3.375% DUE 02/01/2035					
TBD	CN	907818-EB-0	UNION PACIFIC CORP SR UNSEC 3.375% DUE 02/01/2035					
TBD	CN	907818-EB-0	UNION PACIFIC CORP SR UNSEC 3.375% DUE 02/01/2035					
TBD	CN	907818-EB-0	UNION PACIFIC CORP SR UNSEC 3.375% DUE 02/01/2035					
TBD	CN	907818-EB-0	UNION PACIFIC CORP SR UNSEC 3.375% DUE 02/01/2035					
91278*LV4	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	34,005,196	17,003	54,408	112,217
91278*LV4	CN	00206R-KE-1	AT&T INC 3.3% DUE 2/1/2052 FA1 3.3% DUE 02/01/2052					
91278*LW2	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	34,573,780	17,287	55,318	114,093
91278*LW2	CN	75968N-AG-6	RENAISSANCERE HOLDINGS L 5.8% DUE 4/1/2035 A01 5.8% DUE 04/01/2035					
91278*LW2	CN	75968N-AG-6	RENAISSANCERE HOLDINGS L 5.8% DUE 4/1/2035 A01 5.8% DUE 04/01/2035					
91278*LW2	CN	75968N-AG-6	RENAISSANCERE HOLDINGS L 5.8% DUE 4/1/2035 A01 5.8% DUE 04/01/2035					
TBD	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	36,189,911	18,095	57,904	119,427
TBD	CN	912810-SR-0	US TREASURY N/B 1 1/8% DUE 5/15/2040 MN15 1.125% DUE 05/15/2040					
TBD	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	71,504,159	35,752	114,407	235,964
TBD	CN	912810-SR-0	US TREASURY N/B 1 1/8% DUE 5/15/2040 MN15 1.125% DUE 05/15/2040					
91278*LZ5	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	36,221,567	18,111	57,955	119,531
91278*LZ5	CN	912810-SR-0	US TREASURY N/B 1 1/8% DUE 5/15/2040 MN15 1.125% DUE 05/15/2040					
TBD	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	36,076,980	18,038	57,723	119,054
TBD	CN	901928-AA-9	200 PARK FUNDING TRUST SERIES 144A 5.74% DUE 02/15/2055					
TBD	CN	901928-AA-9	200 PARK FUNDING TRUST SERIES 144A 5.74% DUE 02/15/2055					
TBD	CN	901928-AA-9	200 PARK FUNDING TRUST SERIES 144A 5.74% DUE 02/15/2055					
91278*MA9	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	36,071,012	18,036	57,714	119,034
91278*MA9	CN	29280H-AB-8	ENEL FINANCE AMERICA LLC SERIES 144A 2.875% DUE 07/12/2041					
91278*MA9	CN	29280H-AB-8	ENEL FINANCE AMERICA LLC SERIES 144A 2.875% DUE 07/12/2041					
91278*MA9	CN	29280H-AB-8	ENEL FINANCE AMERICA LLC SERIES 144A 2.875% DUE 07/12/2041					

ASSET VALUATION RESERVE

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

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TBD	R.		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	36,798,107	18,399	58,877	121,434
TBD	CN.	29670G-AE-2	ESSENTIAL UTLITIES INC 3.351% DUE 4/15/2050 A015 3.351% DUE 04/15/2050					
TBD	CN.	29670G-AE-2	ESSENTIAL UTLITIES INC 3.351% DUE 4/15/2050 A015 3.351% DUE 04/15/2050					
TBD	CN.	29670G-AE-2	ESSENTIAL UTLITIES INC 3.351% DUE 4/15/2050 A015 3.351% DUE 04/15/2050					
TBD	CN.	29670G-AE-2	ESSENTIAL UTLITIES INC 3.351% DUE 4/15/2050 A015 3.351% DUE 04/15/2050					
TBD	CN.	29670G-AE-2	ESSENTIAL UTLITIES INC 3.351% DUE 4/15/2050 A015 3.351% DUE 04/15/2050					
TBD	CN.	29670G-AE-2	ESSENTIAL UTLITIES INC 3.351% DUE 4/15/2050 A015 3.351% DUE 04/15/2050					
91278*MB7	R.		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	36,007,799	18,004	57,612	118,826
91278*MB7	CN.	53079E-BK-9	LIBERTY MUTUAL GROUP INC SERIES 144A 3.95% DUE 05/15/2060					
91278*MB7	CN.	53079E-BK-9	LIBERTY MUTUAL GROUP INC SERIES 144A 3.95% DUE 05/15/2060					
TBD	R.		Treasury Bond Forward T 3.625 02/15/53 (91810TN8)	1*	12,000,000	6,000	19,200	39,600
TBD	CN.	632525-AS-0	NATIONAL AUSTRALIA BANK SUBORD 3.933% DUE 08/02/2034					
TBD	R.		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	37,000,000	18,500	59,200	122,100
TBD	CN.	644188-BG-8	NEW ENGLAND POWER CO SERIES 144A 2.807% DUE 10/06/2050					
TBD	R.		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	36,047,990	18,024	57,677	118,958
TBD	CN.	87088Q-AB-0	SWISS RE SUB FIN PLC SERIES 144A 6.191% DUE 04/01/2046					
TBD	CN.	87088Q-AB-0	SWISS RE SUB FIN PLC SERIES 144A 6.191% DUE 04/01/2046					
TBD	CN.	87088Q-AB-0	SWISS RE SUB FIN PLC SERIES 144A 6.191% DUE 04/01/2046					
TBD	CN.	87088Q-AB-0	SWISS RE SUB FIN PLC SERIES 144A 6.191% DUE 04/01/2046					
TBD	R.		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	36,103,887	18,052	57,766	119,143
TBD	CN.	04316J-AA-7	ARTHUR J GALLAGHER & CO 2.4% DUE 11/9/2031 MN9 2.4% DUE 11/09/2031					
TBD	R.		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	36,323,389	18,162	58,117	119,867
TBD	CN.	456837-AW-3	ING GROEP NV VAR % DUE 4/1/2032 A01 2.727% DUE 04/01/2032					
TBD	CN.	456837-AW-3	ING GROEP NV VAR % DUE 4/1/2032 A01 2.727% DUE 04/01/2032					
TBD	CN.	65249B-AB-5	NEWS CORP SERIES 144A 5.125% DUE 02/15/2032					
TBD	CN.	65249B-AB-5	NEWS CORP SERIES 144A 5.125% DUE 02/15/2032					
TBD	CN.	65249B-AB-5	NEWS CORP SERIES 144A 5.125% DUE 02/15/2032					
TBD	CN.	65249B-AB-5	NEWS CORP SERIES 144A 5.125% DUE 02/15/2032					
TBD	CN.	65249B-AB-5	NEWS CORP SERIES 144A 5.125% DUE 02/15/2032					
TBD	CN.	65249B-AB-5	NEWS CORP SERIES 144A 5.125% DUE 02/15/2032					
TBD	R.		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	37,203,169	18,602	59,525	122,770
TBD	CN.	025816-EH-8	AMERICAN EXPRESS CO VAR % DUE 4/25/2036 A025 5.667% DUE 04/25/2036					
TBD	CN.	95000U-2U-6	WELLS FARGO & COMPANY SERIES MTN 3.35% DUE 03/02/2033					
TBD	R.		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	36,539,035	18,270	58,462	120,579
TBD	CN.	29250N-BR-5	ENBRIDGE INC 5.7% DUE 3/8/2033 MS8 5.7% DUE 03/08/2033					
TBD	CN.	29250N-BR-5	ENBRIDGE INC 5.7% DUE 3/8/2033 MS8 5.7% DUE 03/08/2033					
TBD	CN.	98971D-AC-4	ZIONS BANCORP NA VAR % DUE 11/19/2035 MN19 6.816% DUE 11/19/2035					
91278*MK7	R.		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	36,832,282	18,416	58,932	121,547
91278*MK7	CN.	892938-AB-7	TRANE TECH FIN LTD 5.1% DUE 6/13/2034 JD13 5.1% DUE 06/13/2034					
91278*MK7	CN.	056121-AB-2	BPCE SA SERIES 144A 6.027% DUE 05/28/2036					
91278*MK7	CN.	056121-AB-2	BPCE SA SERIES 144A 6.027% DUE 05/28/2036					
TBD	R.		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	36,135,000	18,067	57,816	119,245
TBD	CN.	00135T-AE-4	AIB GROUP PLC SERIES 144A 5.871% DUE 03/28/2035					
TBD	CN.	00135T-AE-4	AIB GROUP PLC SERIES 144A 5.871% DUE 03/28/2035					
TBD	CN.	92345Y-AJ-5	VERISK ANALYTICS INC 5 1/4% DUE 6/5/2034 JD5 5.25% DUE 06/05/2034					
TBD	CN.	92345Y-AJ-5	VERISK ANALYTICS INC 5 1/4% DUE 6/5/2034 JD5 5.25% DUE 06/05/2034					
91278*ML5	R.		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	36,760,330	18,380	58,817	121,309
91278*ML5	CN.	55261F-AV-6	M&T BANK CORPORATION SERIES MTN 5.385% DUE 01/16/2036					
91278*ML5	CN.	55261F-AV-6	M&T BANK CORPORATION SERIES MTN 5.385% DUE 01/16/2036					
91278*ML5	CN.	70109H-AM-7	PARKER-HANNIFIN CORP SR UNSEC 4.2% DUE 11/21/2034					
91278*MM3	R.		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	36,056,446	18,028	57,690	118,986
91278*MM3	CN.	71427Q-AC-2	PERNOD RIC INTL FIN LLC SERIES 144A 2.75% DUE 10/01/2050					
91278*MM3	CN.	71427Q-AC-2	PERNOD RIC INTL FIN LLC SERIES 144A 2.75% DUE 10/01/2050					
91278*MM3	CN.	71427Q-AC-2	PERNOD RIC INTL FIN LLC SERIES 144A 2.75% DUE 10/01/2050					
91278*MM3	CN.	71427Q-AC-2	PERNOD RIC INTL FIN LLC SERIES 144A 2.75% DUE 10/01/2050					
91278*MN1	R.		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	36,078,718	18,039	57,726	119,060
91278*MN1	CN.	136375-CZ-3	CANADIAN NATL RAILWAY 2.45% DUE 5/1/2050 MN1 2.45% DUE 05/01/2050					

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91278*MN1	CN	136375-CZ-3	CANADIAN NATL RAILWAY 2.45% DUE 5/1/2050 MN1 2.45% DUE 05/01/2050					
91278*MN1	CN	136375-CZ-3	CANADIAN NATL RAILWAY 2.45% DUE 5/1/2050 MN1 2.45% DUE 05/01/2050					
91278*MN1	CN	136375-CZ-3	CANADIAN NATL RAILWAY 2.45% DUE 5/1/2050 MN1 2.45% DUE 05/01/2050					
91278*MN1	CN	136375-CZ-3	CANADIAN NATL RAILWAY 2.45% DUE 5/1/2050 MN1 2.45% DUE 05/01/2050					
91278*MN1	CN	136375-CZ-3	CANADIAN NATL RAILWAY 2.45% DUE 5/1/2050 MN1 2.45% DUE 05/01/2050					
91278*MN1	CN	136375-CZ-3	CANADIAN NATL RAILWAY 2.45% DUE 5/1/2050 MN1 2.45% DUE 05/01/2050					
91278*MP6	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	36,196,899	18,098	57,915	119,450
91278*MP6	CN	009158-AZ-9	AIR PRODUCTS & CHEMICALS 2.7% DUE 5/15/2040 MN15 2.7% DUE 05/15/2040					
91278*MP6	CN	009158-AZ-9	AIR PRODUCTS & CHEMICALS 2.7% DUE 5/15/2040 MN15 2.7% DUE 05/15/2040					
91278*MP6	CN	009158-AZ-9	AIR PRODUCTS & CHEMICALS 2.7% DUE 5/15/2040 MN15 2.7% DUE 05/15/2040					
91278*MQ4	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	36,417,682	18,209	58,268	120,178
91278*MQ4	CN	23291K-AJ-4	DH EUROPE FINANCE II 3 1/4% DUE 11/15/2039 MN15 3.25% DUE 11/15/2039					
91278*MQ4	CN	23291K-AJ-4	DH EUROPE FINANCE II 3 1/4% DUE 11/15/2039 MN15 3.25% DUE 11/15/2039					
91278*MR2	R		Treasury Bond Forward T 4.75 05/15/55 (912810UK2)	1*	36,043,851	18,022	57,670	118,945
91278*MR2	CN	95709T-AJ-9	WESTAR ENERGY INC 1ST MORTG 4.1% DUE 04/01/2043					
91278*MR2	CN	95709T-AJ-9	WESTAR ENERGY INC 1ST MORTG 4.1% DUE 04/01/2043					
91278*MR2	CN	95709T-AJ-9	WESTAR ENERGY INC 1ST MORTG 4.1% DUE 04/01/2043					
91278*MR2	CN	95709T-AJ-9	WESTAR ENERGY INC 1ST MORTG 4.1% DUE 04/01/2043					
91278*MR2	CN	95709T-AJ-9	WESTAR ENERGY INC 1ST MORTG 4.1% DUE 04/01/2043					
TBD	R		Treasury Bond Forward T 4.75 08/15/55 (912810UM8)	1*	36,301,064	18,151	58,082	119,794
TBD	CN	556079-AD-3	MACQUARIE BANK LTD SERIES 144A 3.052% DUE 03/03/2036					
TBD	CN	373334-KR-1	GEORGIA POWER CO 5 1/8% DUE 5/15/2052 MN15 5.125% DUE 05/15/2052					
TBD	CN	373334-KR-1	GEORGIA POWER CO 5 1/8% DUE 5/15/2052 MN15 5.125% DUE 05/15/2052					
TBD	CN	373334-KR-1	GEORGIA POWER CO 5 1/8% DUE 5/15/2052 MN15 5.125% DUE 05/15/2052					
91278*MT8	R		Treasury Bond Forward T 4.75 08/15/55 (912810UM8)	1*	36,001,048	18,001	57,602	118,803
91278*MT8	CN	912834-PZ-5	STRIPS DUE 2/15/2046 AT MAT 0% DUE 02/15/2046					
91278*MT8	CN	126408-GY-3	CSX CORP SR UNSEC 4.1% DUE 03/15/2044					
91278*MT8	CN	126408-GY-3	CSX CORP SR UNSEC 4.1% DUE 03/15/2044					
91278*MT8	CN	126408-GY-3	CSX CORP SR UNSEC 4.1% DUE 03/15/2044					
91278*MT8	CN	126408-GY-3	CSX CORP SR UNSEC 4.1% DUE 03/15/2044					
91278*MT8	CN	126408-GY-3	CSX CORP SR UNSEC 4.1% DUE 03/15/2044					
91278*MT8	CN	912834-PZ-5	STRIPS DUE 2/15/2046 AT MAT 0% DUE 02/15/2046					
91278*MT8	CN	126408-GY-3	CSX CORP SR UNSEC 4.1% DUE 03/15/2044					
91278*MT8	CN	126408-GY-3	CSX CORP SR UNSEC 4.1% DUE 03/15/2044					
91278*MT8	CN	126408-GY-3	CSX CORP SR UNSEC 4.1% DUE 03/15/2044					
91278*MT8	CN	126408-GY-3	CSX CORP SR UNSEC 4.1% DUE 03/15/2044					
91278*MT8	CN	126408-GY-3	CSX CORP SR UNSEC 4.1% DUE 03/15/2044					
91278*MT8	CN	126408-GY-3	CSX CORP SR UNSEC 4.1% DUE 03/15/2044					
91278*MU5	R		Treasury Bond Forward T 4.75 08/15/55 (912810UM8)	1*	36,827,106	18,414	58,923	121,529
91278*MU5	CN	912810-UF-3	US TREASURY N B 4 5/8% DUE 11/15/2044 MN15 4.625% DUE 11/15/2044					
91278*MV3	R		Treasury Bond Forward T 4.75 08/15/55 (912810UM8)	1*	36,136,458	18,068	57,818	119,250
91278*MV3	CN	912810-UF-3	US TREASURY N B 4 5/8% DUE 11/15/2044 MN15 4.625% DUE 11/15/2044					
TBD	R		Treasury Bond Forward T 4.75 08/15/55 (912810UM8)	1*	27,916,279	13,958	44,666	92,124
TBD	CN	58933Y-BT-1	MERCK & CO INC 5.7% DUE 9/15/2055 MS15 5.7% DUE 09/15/2055					
TBD	R		Treasury Bond Forward T 4.75 08/15/55 (912810UM8)	1*	27,177,008	13,589	43,483	89,684
TBD	CN	045054-AP-8	ASHTEAD CAPITAL INC SERIES 144A 2.45% DUE 08/12/2031					
TBD	CN	045054-AP-8	ASHTEAD CAPITAL INC SERIES 144A 2.45% DUE 08/12/2031					
TBD	CN	045054-AP-8	ASHTEAD CAPITAL INC SERIES 144A 2.45% DUE 08/12/2031					
TBD	R		Interest Rate Swap	1*	97,402,305	48,701	155,844	321,428
TBD	CN	912810-UM-8	US TREASURY N B 4 3/4% DUE 8/15/2055 FA15 4.75% DUE 08/15/2055					
TBD	CN	912810-UM-8	US TREASURY N B 4 3/4% DUE 8/15/2055 FA15 4.75% DUE 08/15/2055					
TBD	R		Interest Rate Swap	1*	97,605,205	48,803	156,168	322,097
TBD	CN	191216-DC-1	COCA COLA CO THE 2 1/2% DUE 3/15/2051 MS15 2.5% DUE 03/15/2051					
TBD	CN	191216-DC-1	COCA COLA CO THE 2 1/2% DUE 3/15/2051 MS15 2.5% DUE 03/15/2051					
TBD	CN	191216-DC-1	COCA COLA CO THE 2 1/2% DUE 3/15/2051 MS15 2.5% DUE 03/15/2051					
TBD	CN	278865-BG-4	ECOLAB INC 2 1/8% DUE 8/15/2050 FA15 2.125% DUE 08/15/2050					

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
TBD	CN	58013M-FK-5	MCDONALDS CORP SR UNSEC 3.625% DUE 09/01/2049					
TBD	CN	58013M-FK-5	MCDONALDS CORP SR UNSEC 3.625% DUE 09/01/2049					
TBD	CN	695114-CX-4	PACIFICORP 3.3% DUE 3/15/2051 MS15 3.3% DUE 03/15/2051					
TBD	CN	695114-CX-4	PACIFICORP 3.3% DUE 3/15/2051 MS15 3.3% DUE 03/15/2051					
TBD	CN	695114-CX-4	PACIFICORP 3.3% DUE 3/15/2051 MS15 3.3% DUE 03/15/2051					
TBD	R		Interest Rate Swap	1*	97,039,756	48,520	155,264	320,231
TBD	CN	05583J-AJ-1	BPCE SA SERIES 144A 2.277% DUE 01/20/2032					
TBD	CN	05583J-AJ-1	BPCE SA SERIES 144A 2.277% DUE 01/20/2032					
TBD	CN	05583J-AJ-1	BPCE SA SERIES 144A 2.277% DUE 01/20/2032					
TBD	CN	431282-AT-9	HIGHWOODS REALTY LP 2.6% DUE 2/1/2031 FA1 2.6% DUE 02/01/2031					
TBD	CN	431282-AT-9	HIGHWOODS REALTY LP 2.6% DUE 2/1/2031 FA1 2.6% DUE 02/01/2031					
TBD	CN	744320-BA-9	PRUDENTIAL FINANCIAL INC SR UNSEC 3.935% DUE 12/07/2049					
TBD	CN	744320-BA-9	PRUDENTIAL FINANCIAL INC SR UNSEC 3.935% DUE 12/07/2049					
TBD	CN	743315-AQ-6	PROGRESSIVE CORP SR UNSEC 3.7% DUE 01/26/2045					
TBD	CN	743315-AQ-6	PROGRESSIVE CORP SR UNSEC 3.7% DUE 01/26/2045					
TBD	R		Interest Rate Swap	1*	39,843,718	19,922	63,750	131,484
TBD	CN	05523R-AF-4	BAE SYSTEMS PLC SERIES 144A 1.9% DUE 02/15/2031					
TBD	CN	05523R-AF-4	BAE SYSTEMS PLC SERIES 144A 1.9% DUE 02/15/2031					
TBD	CN	075887-CL-1	BECTON DICKINSON AND CO 1.957% DUE 2/11/2031 FA11 1.957% DUE 02/11/2031					
TBD	R		Interest Rate Swap	1*	78,628,299	39,314	125,805	259,473
TBD	CN	713448-EP-9	PEPSICO INC 2 7/8% DUE 10/15/2049 A015 2.875% DUE 10/15/2049					
TBD	CN	74460D-AJ-8	PUBLIC STORAGE 2 1/4% DUE 11/9/2031 MN9 2.25% DUE 11/09/2031					
TBD	CN	521865-BC-8	LEAR CORP 2.6% DUE 1/15/2032 JJ15 2.6% DUE 01/15/2032					
TBD	CN	681919-BD-7	OMNICOM GROUP INC 2.6% DUE 8/1/2031 FA1 2.6% DUE 08/01/2031					
TBD	CN	681919-BD-7	OMNICOM GROUP INC 2.6% DUE 8/1/2031 FA1 2.6% DUE 08/01/2031					
TBD	CN	681919-BD-7	OMNICOM GROUP INC 2.6% DUE 8/1/2031 FA1 2.6% DUE 08/01/2031					
TBD	CN	681919-BD-7	OMNICOM GROUP INC 2.6% DUE 8/1/2031 FA1 2.6% DUE 08/01/2031					
TBD	CN	681919-BD-7	OMNICOM GROUP INC 2.6% DUE 8/1/2031 FA1 2.6% DUE 08/01/2031					
TBD	CN	681919-BD-7	OMNICOM GROUP INC 2.6% DUE 8/1/2031 FA1 2.6% DUE 08/01/2031					
TBD	CN	74460D-AJ-8	PUBLIC STORAGE 2 1/4% DUE 11/9/2031 MN9 2.25% DUE 11/09/2031					
TBD	CN	74460D-AJ-8	PUBLIC STORAGE 2 1/4% DUE 11/9/2031 MN9 2.25% DUE 11/09/2031					
TBD	R		Interest Rate Swap	1*	97,008,917	48,504	155,214	320,129
TBD	CN	14149Y-BT-4	CARDINAL HEALTH INC 5 3/4% DUE 11/15/2054 MN15 5.75% DUE 11/15/2054					
TBD	CN	14149Y-BT-4	CARDINAL HEALTH INC 5 3/4% DUE 11/15/2054 MN15 5.75% DUE 11/15/2054					
TBD	CN	14149Y-BT-4	CARDINAL HEALTH INC 5 3/4% DUE 11/15/2054 MN15 5.75% DUE 11/15/2054					
TBD	CN	14149Y-BT-4	CARDINAL HEALTH INC 5 3/4% DUE 11/15/2054 MN15 5.75% DUE 11/15/2054					
TBD	CN	65473P-AU-9	NISOURCE INC 5.85% DUE 4/1/2055 A01 5.85% DUE 04/01/2055					
TBD	CN	65473P-AU-9	NISOURCE INC 5.85% DUE 4/1/2055 A01 5.85% DUE 04/01/2055					
TBD	CN	65473P-AU-9	NISOURCE INC 5.85% DUE 4/1/2055 A01 5.85% DUE 04/01/2055					
TBD	CN	69448F-AB-7	PACIFIC LIFE INSURANCE C SERIES 144A 5.95% DUE 09/15/2055					
TBD	R		Interest Rate Swap	1*	97,893,981	48,947	156,630	323,050
TBD	CN	438516-CU-8	HONEYWELL INTERNATIONAL 5.35% DUE 3/1/2064 MS1 5.35% DUE 03/01/2064					
TBD	CN	438516-CU-8	HONEYWELL INTERNATIONAL 5.35% DUE 3/1/2064 MS1 5.35% DUE 03/01/2064					
TBD	CN	438516-CU-8	HONEYWELL INTERNATIONAL 5.35% DUE 3/1/2064 MS1 5.35% DUE 03/01/2064					
TBD	CN	438516-CU-8	HONEYWELL INTERNATIONAL 5.35% DUE 3/1/2064 MS1 5.35% DUE 03/01/2064					
TBD	CN	713448-FZ-6	PEPSICO INC 5 1/4% DUE 7/17/2054 JJ17 5.25% DUE 07/17/2054					
TBD	CN	713448-FZ-6	PEPSICO INC 5 1/4% DUE 7/17/2054 JJ17 5.25% DUE 07/17/2054					
TBD	CN	75513E-CS-8	RTX CORP 5 3/8% DUE 2/27/2053 FA27 5.375% DUE 02/27/2053					
TBD	CN	75513E-CS-8	RTX CORP 5 3/8% DUE 2/27/2053 FA27 5.375% DUE 02/27/2053					
TBD	R		Interest Rate Swap	1*	78,038,553	39,019	124,862	257,527
TBD	CN	29273V-BA-7	ENERGY TRANSFER LP 5.6% DUE 9/1/2034 MS1 5.6% DUE 09/01/2034					
TBD	CN	571676-BA-2	MARS INC SERIES 144A 5.2% DUE 03/01/2035					
TBD	CN	571676-BA-2	MARS INC SERIES 144A 5.2% DUE 03/01/2035					
TBD	CN	532457-CY-2	ELI LILLY & CO 5 1/2% DUE 2/12/2055 FA12 5.5% DUE 02/12/2055					
TBD	CN	532457-CY-2	ELI LILLY & CO 5 1/2% DUE 2/12/2055 FA12 5.5% DUE 02/12/2055					
TBD	R		Interest Rate Swap	1*	98,323,436	49,162	157,317	324,467
TBD	CN	571676-BB-0	MARS INC SERIES 144A 5.65% DUE 05/01/2045					

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
TBD	CN	571676-BB-0	MARS INC SERIES 144A 5.65% DUE 05/01/2045					
TBD	CN	571676-BB-0	MARS INC SERIES 144A 5.65% DUE 05/01/2045					
TBD	CN	87268L-AB-3	TR FINANCE LLC 5.85% DUE 4/15/2040 A015 5.85% DUE 04/15/2040					
TBD	CN	82622R-AF-3	SIEMENS FUNDING BV SERIES 144A 5.8% DUE 05/28/2055					
TBD	CN	82622R-AF-3	SIEMENS FUNDING BV SERIES 144A 5.8% DUE 05/28/2055					
TBD	CN	82622R-AF-3	SIEMENS FUNDING BV SERIES 144A 5.8% DUE 05/28/2055					
TBD	R		Interest Rate Swap	1*	78,355,270	39,178	125,368	258,572
TBD	CN	75884R-AW-3	REGENCY CENTERS LP CO.GUARNT 4.4% DUE 02/01/2047					
TBD	CN	35805B-AB-4	FRESENIUS MED CARE III SERIES 144A 2.375% DUE 02/16/2031					
TBD	CN	75884R-AW-3	REGENCY CENTERS LP CO.GUARNT 4.4% DUE 02/01/2047					
TBD	CN	75884R-AW-3	REGENCY CENTERS LP CO.GUARNT 4.4% DUE 02/01/2047					
TBD	CN	75884R-AW-3	REGENCY CENTERS LP CO.GUARNT 4.4% DUE 02/01/2047					
TBD	CN	75884R-AW-3	REGENCY CENTERS LP CO.GUARNT 4.4% DUE 02/01/2047					
TBD	CN	75884R-AW-3	REGENCY CENTERS LP CO.GUARNT 4.4% DUE 02/01/2047					
TBD	CN	75884R-AW-3	REGENCY CENTERS LP CO.GUARNT 4.4% DUE 02/01/2047					
TBD	CN	75884R-AW-3	REGENCY CENTERS LP CO.GUARNT 4.4% DUE 02/01/2047					
TBD	CN	87268L-AE-7	TR FINANCE LLC 5 1/2% DUE 8/15/2035 FA15 5.5% DUE 08/15/2035					
TBD	R		Interest Rate Swap	1*	78,877,471	39,439	126,204	260,296
TBD	CN	502431-AN-9	L3HARRIS TECH INC 1.8% DUE 1/15/2031 JJ15 1.8% DUE 01/15/2031					
TBD	CN	92940P-AG-9	WRKCO INC 3% DUE 6/15/2033 JD15 3% DUE 06/15/2033					
TBD	CN	502431-AN-9	L3HARRIS TECH INC 1.8% DUE 1/15/2031 JJ15 1.8% DUE 01/15/2031					
TBD	CN	502431-AN-9	L3HARRIS TECH INC 1.8% DUE 1/15/2031 JJ15 1.8% DUE 01/15/2031					
TBD	CN	502431-AN-9	L3HARRIS TECH INC 1.8% DUE 1/15/2031 JJ15 1.8% DUE 01/15/2031					
TBD	CN	502431-AN-9	L3HARRIS TECH INC 1.8% DUE 1/15/2031 JJ15 1.8% DUE 01/15/2031					
TBD	CN	502431-AN-9	L3HARRIS TECH INC 1.8% DUE 1/15/2031 JJ15 1.8% DUE 01/15/2031					
TBD	CN	0778FP-AG-4	BELL CANADA SERIES US-5 2.15% DUE 02/15/2032					
TBD	CN	0778FP-AG-4	BELL CANADA SERIES US-5 2.15% DUE 02/15/2032					
TBD	CN	92940P-AG-9	WRKCO INC 3% DUE 6/15/2033 JD15 3% DUE 06/15/2033					
TBD	R		Interest Rate Swap	1*	78,065,140	39,033	124,904	257,615
TBD	CN	07274N-BE-2	BAYER US FINANCE II LLC CO.GUARNT 4.65% DUE 11/15/2043					
TBD	CN	23338V-AL-0	DTE ELECTRIC CO 2.95% DUE 3/1/2050 MS1 2.95% DUE 03/01/2050					
TBD	CN	23338V-AL-0	DTE ELECTRIC CO 2.95% DUE 3/1/2050 MS1 2.95% DUE 03/01/2050					
TBD	CN	66989H-AK-4	NOVARTIS CAPITAL CORP CO.GUARNT 4% DUE 11/20/2045					
TBD	CN	66989H-AK-4	NOVARTIS CAPITAL CORP CO.GUARNT 4% DUE 11/20/2045					
TBD	R		Interest Rate Swap	1*	78,059,346	39,030	124,895	257,596
TBD	CN	025932-AL-8	AMERICAN FINANCIAL GROUP SR UNSEC 4.5% DUE 06/15/2047					
TBD	CN	760759-AZ-3	REPUBLIC SERVICES INC 1 3/4% DUE 2/15/2032 FA15 1.75% DUE 02/15/2032					
TBD	CN	025932-AL-8	AMERICAN FINANCIAL GROUP SR UNSEC 4.5% DUE 06/15/2047					
TBD	CN	58933Y-BB-0	MERCK & CO INC 2.45% DUE 6/24/2050 JD24 2.45% DUE 06/24/2050					
TBD	CN	58933Y-BB-0	MERCK & CO INC 2.45% DUE 6/24/2050 JD24 2.45% DUE 06/24/2050					
TBD	CN	58933Y-BB-0	MERCK & CO INC 2.45% DUE 6/24/2050 JD24 2.45% DUE 06/24/2050					
TBD	CN	58933Y-BB-0	MERCK & CO INC 2.45% DUE 6/24/2050 JD24 2.45% DUE 06/24/2050					
TBD	CN	58933Y-BB-0	MERCK & CO INC 2.45% DUE 6/24/2050 JD24 2.45% DUE 06/24/2050					
TBD	CN	760759-AZ-3	REPUBLIC SERVICES INC 1 3/4% DUE 2/15/2032 FA15 1.75% DUE 02/15/2032					
TBD	CN	760759-AZ-3	REPUBLIC SERVICES INC 1 3/4% DUE 2/15/2032 FA15 1.75% DUE 02/15/2032					
TBD	R		CDX-NAIGS45 7-15 12/20/2030	1*	202,863,904	101,432	324,582	669,451
TBD	CN	121890-AB-6	BURLINGTN NORTH SANTA FE SR UNSEC 6.53% DUE 07/15/2037					
TBD	CN	03040W-AV-7	AMERICAN WATER CAPITAL C SR UNSEC 4.15% DUE 06/01/2049					
TBD	CN	03040W-AV-7	AMERICAN WATER CAPITAL C SR UNSEC 4.15% DUE 06/01/2049					
TBD	CN	263901-AA-8	DUKE ENERGY INDIANA LLC 1ST MORTG 6.35% DUE 08/15/2038					
TBD	CN	45138L-AP-8	IDAHO POWER CO 1ST MORTG 5.5% DUE 03/15/2034					
TBD	CN	571748-AK-8	MARSH & MCLENNAN COS INC SR UNSEC 5.875% DUE 08/01/2033					
TBD	CN	665772-CB-3	NORTHERN STATES PWR-MINN 1ST MORTG 6.25% DUE 06/01/2036					
TBD	CN	67021C-AC-1	NSTAR ELECTRIC CO SR UNSEC 5.75% DUE 03/15/2036					
TBD	CN	69351U-AH-6	PPL ELECTRIC UTILITIES 1ST MORTG 6.45% DUE 08/15/2037					
TBD	CN	837004-BV-1	DOMINION ENERGY SOUTH 1ST MORTG 6.625% DUE 02/01/2032					
TBD	CN	912810-QU-5	US TREASURY N/B UNITED STATES TREASURY NO 3.12 3.125% DUE 02/15/2042					

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
TBD	R.		CDX-NAIGS45 7-15 12/20/2030	1*	201,093,289	100,547	321,749	663,608
TBD	CN.	92857W-BS-8	VODAFONE GROUP PLC SR UNSEC 4.875% DUE 06/19/2049					
TBD	CN.	94106L-BC-2	WASTE MANAGEMENT INC CO.GUARNT 4.1% DUE 03/01/2045					
TBD	CN.	94106L-BC-2	WASTE MANAGEMENT INC CO.GUARNT 4.1% DUE 03/01/2045					
TBD	CN.	94106L-BR-9	WASTE MANAGEMENT INC 2.95% DUE 6/1/2041 JD1 2.95% DUE 06/01/2041					
TBD	CN.	94106L-BR-9	WASTE MANAGEMENT INC 2.95% DUE 6/1/2041 JD1 2.95% DUE 06/01/2041					
TBD	CN.	94106L-BR-9	WASTE MANAGEMENT INC 2.95% DUE 6/1/2041 JD1 2.95% DUE 06/01/2041					
TBD	CN.	94106L-BR-9	WASTE MANAGEMENT INC 2.95% DUE 6/1/2041 JD1 2.95% DUE 06/01/2041					
TBD	CN.	94106L-BR-9	WASTE MANAGEMENT INC 2.95% DUE 6/1/2041 JD1 2.95% DUE 06/01/2041					
TBD	CN.	94106L-BR-9	WASTE MANAGEMENT INC 2.95% DUE 6/1/2041 JD1 2.95% DUE 06/01/2041					
TBD	CN.	94106L-BR-9	WASTE MANAGEMENT INC 2.95% DUE 6/1/2041 JD1 2.95% DUE 06/01/2041					
TBD	CN.	036752-BL-6	ELEVANCE HEALTH INC 5.7% DUE 9/15/2055 MS15 5.7% DUE 09/15/2055					
TBD	CN.	94106L-BC-2	WASTE MANAGEMENT INC CO.GUARNT 4.1% DUE 03/01/2045					
TBD	CN.	036752-BL-6	ELEVANCE HEALTH INC 5.7% DUE 9/15/2055 MS15 5.7% DUE 09/15/2055					
TBD	CN.	341081-FC-6	FLORIDA POWER & LIGHT CO 1ST MORTG 5.69% DUE 03/01/2040					
TBD	CN.	450319-AA-6	ITC MIDWEST LLC 1ST MORTG 6.15% DUE 01/31/2038					
TBD	CN.	450319-AA-6	ITC MIDWEST LLC 1ST MORTG 6.15% DUE 01/31/2038					
TBD	CN.	450319-AA-6	ITC MIDWEST LLC 1ST MORTG 6.15% DUE 01/31/2038					
TBD	CN.	450319-AA-6	ITC MIDWEST LLC 1ST MORTG 6.15% DUE 01/31/2038					
TBD	CN.	450319-AA-6	ITC MIDWEST LLC 1ST MORTG 6.15% DUE 01/31/2038					
TBD	CN.	478160-AV-6	JOHNSON & JOHNSON SR UNSEC 4.5% DUE 09/01/2040					
TBD	CN.	532457-BA-5	ELI LILLY & CO SR UNSEC 5.55% DUE 03/15/2037					
TBD	CN.	743315-AL-7	PROGRESSIVE CORP SR UNSEC 6.25% DUE 12/01/2032					
TBD	CN.	94106L-BC-2	WASTE MANAGEMENT INC CO.GUARNT 4.1% DUE 03/01/2045					
TBD	CN.	826418-BE-4	SIERRA PACIFIC POWER CO GENL REF MORT 6.75% DUE 07/01/2037					
TBD	CN.	958587-BG-1	NSTAR ELECTRIC CO SR UNSEC 6.7% DUE 08/15/2037					
TBD	CN.	94106L-BC-2	WASTE MANAGEMENT INC CO.GUARNT 4.1% DUE 03/01/2045					
TBD	CN.	94106L-BC-2	WASTE MANAGEMENT INC CO.GUARNT 4.1% DUE 03/01/2045					
TBD	CN.	94106L-BC-2	WASTE MANAGEMENT INC CO.GUARNT 4.1% DUE 03/01/2045					
TBD	CN.	94106L-BC-2	WASTE MANAGEMENT INC CO.GUARNT 4.1% DUE 03/01/2045					
TBD	CN.	94106L-BC-2	WASTE MANAGEMENT INC CO.GUARNT 4.1% DUE 03/01/2045					
TBD	CN.	94106L-BC-2	WASTE MANAGEMENT INC CO.GUARNT 4.1% DUE 03/01/2045					
TBD	R.		CDX-NAIGS45 7-15 12/20/2030	1*	100,569,038	50,285	160,910	331,878
TBD	CN.	040555-CF-9	ARIZONA PUBLIC SERVICE SR UNSEC 5.625% DUE 05/15/2033					
TBD	CN.	80281L-AV-7	SANTANDER UK GROUP HLDGS VAR % DUE 4/15/2031 A015 5.694% DUE 04/15/2031					
TBD	CN.	009279-AC-4	AIRBUS SE SR UNSEC 3.95% DUE 04/10/2047					
TBD	CN.	040555-CF-9	ARIZONA PUBLIC SERVICE SR UNSEC 5.625% DUE 05/15/2033					
TBD	CN.	040555-CF-9	ARIZONA PUBLIC SERVICE SR UNSEC 5.625% DUE 05/15/2033					
TBD	CN.	040555-CF-9	ARIZONA PUBLIC SERVICE SR UNSEC 5.625% DUE 05/15/2033					
TBD	CN.	040555-CF-9	ARIZONA PUBLIC SERVICE SR UNSEC 5.625% DUE 05/15/2033					
TBD	CN.	040555-CF-9	ARIZONA PUBLIC SERVICE SR UNSEC 5.625% DUE 05/15/2033					
TBD	CN.	299808-AH-8	EVEREST REINSURANCE HLDG 3 1/2% DUE 10/15/2050 A015 3.5% DUE 10/15/2050					
TBD	CN.	299808-AH-8	EVEREST REINSURANCE HLDG 3 1/2% DUE 10/15/2050 A015 3.5% DUE 10/15/2050					
TBD	CN.	299808-AH-8	EVEREST REINSURANCE HLDG 3 1/2% DUE 10/15/2050 A015 3.5% DUE 10/15/2050					
TBD	R.		CDX-NAIGS45 7-15 12/20/2030	1*	100,060,843	50,030	160,097	330,201
TBD	CN.	912810-QY-7	US TREASURY N/B UNITED STATES TREASURY NO 2.75 2.75% DUE 11/15/2042					
TBD	CN.	912810-QY-7	US TREASURY N/B UNITED STATES TREASURY NO 2.75 2.75% DUE 11/15/2042					
TBD	CN.	912810-QY-7	US TREASURY N/B UNITED STATES TREASURY NO 2.75 2.75% DUE 11/15/2042					
TBD	R.		CDX-NAIGS45 7-15 12/20/2030	1*	101,954,052	50,977	163,126	336,448
TBD	CN.	20765Q-AJ-4	CONNECTICUT NATURAL GAS SR UNSEC 5.84% DUE 10/28/2035					
TBD	CN.	209111-EF-6	CON EDISON CO OF NY INC SR UNSEC 5.7% DUE 02/01/2034					
TBD	CN.	299808-AH-8	EVEREST REINSURANCE HLDG 3 1/2% DUE 10/15/2050 A015 3.5% DUE 10/15/2050					
TBD	CN.	299808-AH-8	EVEREST REINSURANCE HLDG 3 1/2% DUE 10/15/2050 A015 3.5% DUE 10/15/2050					
TBD	CN.	299808-AH-8	EVEREST REINSURANCE HLDG 3 1/2% DUE 10/15/2050 A015 3.5% DUE 10/15/2050					
TBD	CN.	59156R-BG-2	METLIFE INC SR UNSEC 4.875% DUE 11/13/2043					
TBD	R.		CDX-NAIGS45 7-15 12/20/2030	1*	200,101,597	100,051	320,163	660,335
TBD	CN.	912810-RB-6	US TREASURY N/B UNITED STATES TREASURY NO 2.87 2.875% DUE 05/15/2043					

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
TBD	CN	912810-RB-6	US TREASURY N/B UNITED STATES TREASURY NO 2.87 2.875% DUE 05/15/2043					
TBD	CN	912810-RB-6	US TREASURY N/B UNITED STATES TREASURY NO 2.87 2.875% DUE 05/15/2043					
TBD	CN	912810-RB-6	US TREASURY N/B UNITED STATES TREASURY NO 2.87 2.875% DUE 05/15/2043					
TBD	CN	912810-QT-8	US TREASURY N/B UNITED STATES TREASURY NO 3.12 3.125% DUE 11/15/2041					
TBD	CN	912810-QT-8	US TREASURY N/B UNITED STATES TREASURY NO 3.12 3.125% DUE 11/15/2041					
TBD	CN	64966S-NJ-1	NEW YORK NY SERIES H 6.385% DUE 02/01/2055					
TBD	CN	341099-CB-3	DUKE ENERGY FLORIDA LLC 1ST MORTG 5.9% DUE 03/01/2033					
TBD	R		CDX-NAIGS45 7-15 12/20/2030	1*	200,053,147	100,027	320,085	660,175
TBD	CN	976656-CT-3	WISCONSIN ELECTRIC POWER 5.05% DUE 10/1/2054 A01 5.05% DUE 10/01/2054					
TBD	CN	912810-QT-8	US TREASURY N/B UNITED STATES TREASURY NO 3.12 3.125% DUE 11/15/2041					
TBD	CN	976656-CT-3	WISCONSIN ELECTRIC POWER 5.05% DUE 10/1/2054 A01 5.05% DUE 10/01/2054					
TBD	CN	976656-CT-3	WISCONSIN ELECTRIC POWER 5.05% DUE 10/1/2054 A01 5.05% DUE 10/01/2054					
TBD	CN	92556V-AE-6	VIATRIS INC 3.85% DUE 6/22/2040 JD22 3.85% DUE 06/22/2040					
TBD	CN	92556V-AE-6	VIATRIS INC 3.85% DUE 6/22/2040 JD22 3.85% DUE 06/22/2040					
TBD	CN	912810-QK-7	US TREASURY N/B UNITED STATES TREASURY NO 3.87 3.875% DUE 08/15/2040					
TBD	CN	912810-QK-7	US TREASURY N/B UNITED STATES TREASURY NO 3.87 3.875% DUE 08/15/2040					
TBD	CN	912810-QK-7	US TREASURY N/B UNITED STATES TREASURY NO 3.87 3.875% DUE 08/15/2040					
TBD	CN	912810-QT-8	US TREASURY N/B UNITED STATES TREASURY NO 3.12 3.125% DUE 11/15/2041					
TBD	R		CDX-NAIGS45 7-15 12/20/2030	1*	213,542,049	106,771	341,667	704,689
TBD	CN	254687-DZ-6	WALT DISNEY COMPANY THE SERIES WI 6.2% DUE 12/15/2034					
TBD	CN	377372-AE-7	GLAXOSMITHKLINE CAP INC CO.GUARNT 6.375% DUE 05/15/2038					
TBD	CN	641423-BU-1	NEVADA POWER CO GENL REF MORT 6.75% DUE 07/01/2037					
TBD	CN	744448-BZ-3	PUBLIC SERVICE COLORADO 1ST MORTG 6.25% DUE 09/01/2037					
TBD	CN	744448-BZ-3	PUBLIC SERVICE COLORADO 1ST MORTG 6.25% DUE 09/01/2037					
TBD	CN	744448-BZ-3	PUBLIC SERVICE COLORADO 1ST MORTG 6.25% DUE 09/01/2037					
TBD	CN	744448-BZ-3	PUBLIC SERVICE COLORADO 1ST MORTG 6.25% DUE 09/01/2037					
TBD	CN	907818-CX-4	UNION PACIFIC CORP SR UNSEC 6.15% DUE 05/01/2037					
TBD	CN	532457-BC-1	ELI LILLY & CO SR UNSEC 5.95% DUE 11/15/2037					
TBD	CN	254687-DZ-6	WALT DISNEY COMPANY THE SERIES WI 6.2% DUE 12/15/2034					
TBD	CN	010392-EC-8	ALABAMA POWER CO SR UNSEC 5.7% DUE 02/15/2033					
TBD	CN	010392-FB-9	ALABAMA POWER CO SR UNSEC 6% DUE 03/01/2039					
TBD	CN	11778B-AB-8	SKY GROUP FINANCE PLC CO.GUARNT 6.5% DUE 10/15/2035					
TBD	CN	11778B-AB-8	SKY GROUP FINANCE PLC CO.GUARNT 6.5% DUE 10/15/2035					
TBD	CN	16411Q-AV-3	CHENIERE ENERGY PARTNERS LP SERIES 144A 5.55% DUE 10/30/2035					
TBD	CN	291011-AQ-7	EMERSON ELECTRIC CO SR UNSEC 6% DUE 08/15/2032					
TBD	CN	291011-AQ-7	EMERSON ELECTRIC CO SR UNSEC 6% DUE 08/15/2032					
TBD	R		Interest Rate Swap	1*	78,107,202	39,054	124,972	257,754
TBD	CN	00185A-AC-8	AON PLC CO.GUARNT 4.45% DUE 05/24/2043					
TBD	CN	00185A-AC-8	AON PLC CO.GUARNT 4.45% DUE 05/24/2043					
TBD	CN	00185A-AC-8	AON PLC CO.GUARNT 4.45% DUE 05/24/2043					
TBD	CN	00185A-AC-8	AON PLC CO.GUARNT 4.45% DUE 05/24/2043					
TBD	CN	00185A-AC-8	AON PLC CO.GUARNT 4.45% DUE 05/24/2043					
TBD	CN	375558-BT-9	GILEAD SCIENCES INC 2.8% DUE 10/1/2050 A01 2.8% DUE 10/01/2050					
TBD	CN	375558-BT-9	GILEAD SCIENCES INC 2.8% DUE 10/1/2050 A01 2.8% DUE 10/01/2050					
TBD	CN	874060-AY-2	TAKEDA PHARMACEUTICAL 3.025% DUE 7/9/2040 JJ9 3.025% DUE 07/09/2040					
TBD	CN	874060-AY-2	TAKEDA PHARMACEUTICAL 3.025% DUE 7/9/2040 JJ9 3.025% DUE 07/09/2040					
TBD	R		CDX-NAIGS45 7-15 12/20/2030	1*	100,492,978	50,246	160,789	331,627
TBD	CN	049560-AG-0	ATMOS ENERGY CORP SR UNSEC 5.95% DUE 10/15/2034					
TBD	CN	049560-AG-0	ATMOS ENERGY CORP SR UNSEC 5.95% DUE 10/15/2034					
TBD	CN	049560-AG-0	ATMOS ENERGY CORP SR UNSEC 5.95% DUE 10/15/2034					
TBD	CN	912810-RE-0	US TREASURY N/B UNITED STATES TREASURY NO 3.62 3.625% DUE 02/15/2044					
TBD	CN	912810-RE-0	US TREASURY N/B UNITED STATES TREASURY NO 3.62 3.625% DUE 02/15/2044					
TBD	CN	912810-RE-0	US TREASURY N/B UNITED STATES TREASURY NO 3.62 3.625% DUE 02/15/2044					
TBD	CN	912810-RE-0	US TREASURY N/B UNITED STATES TREASURY NO 3.62 3.625% DUE 02/15/2044					
TBD	R		CDX-NAIGS45 7-15 12/20/2030	1*	150,051,392	75,026	240,082	495,170
TBD	CN	002824-AV-2	ABBOTT LABORATORIES SR UNSEC 6% DUE 04/01/2039					
TBD	CN	084423-AW-2	BERKLEY WR CORPORATION 3.15% DUE 9/30/2061 MS30 3.15% DUE 09/30/2061					

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
TBD	CN	12189L-AE-1	BURLINGTN NORTH SANTA FE SR UNSEC 5.4% DUE 06/01/2041					
TBD	CN	377372-AJ-6	GLAXOSMITHKLINE CAP INC CO.GUARNT 4.2% DUE 03/18/2043					
TBD	CN	377372-AJ-6	GLAXOSMITHKLINE CAP INC CO.GUARNT 4.2% DUE 03/18/2043					
TBD	CN	377372-AJ-6	GLAXOSMITHKLINE CAP INC CO.GUARNT 4.2% DUE 03/18/2043					
TBD	CN	377372-AJ-6	GLAXOSMITHKLINE CAP INC CO.GUARNT 4.2% DUE 03/18/2043					
TBD	CN	377372-AJ-6	GLAXOSMITHKLINE CAP INC CO.GUARNT 4.2% DUE 03/18/2043					
TBD	CN	377372-AJ-6	GLAXOSMITHKLINE CAP INC CO.GUARNT 4.2% DUE 03/18/2043					
TBD	CN	377372-AJ-6	GLAXOSMITHKLINE CAP INC CO.GUARNT 4.2% DUE 03/18/2043					
TBD	CN	377372-AJ-6	GLAXOSMITHKLINE CAP INC CO.GUARNT 4.2% DUE 03/18/2043					
TBD	CN	020002-AJ-0	ALLSTATE CORP SR UNSEC 6.9% DUE 05/15/2038					
TBD	CN	377372-AJ-6	GLAXOSMITHKLINE CAP INC CO.GUARNT 4.2% DUE 03/18/2043					
TBD	CN	377372-AJ-6	GLAXOSMITHKLINE CAP INC CO.GUARNT 4.2% DUE 03/18/2043					
TBD	CN	377372-AJ-6	GLAXOSMITHKLINE CAP INC CO.GUARNT 4.2% DUE 03/18/2043					
TBD	CN	341099-CL-1	DUKE ENERGY FLORIDA LLC 1ST MORTG 6.4% DUE 06/15/2038					
TBD	CN	695114-CL-0	PACIFICORP 1ST MORTG 6% DUE 01/15/2039					
TBD	CN	020002-AJ-0	ALLSTATE CORP SR UNSEC 6.9% DUE 05/15/2038					
TBD	CN	020002-AJ-0	ALLSTATE CORP SR UNSEC 6.9% DUE 05/15/2038					
TBD	CN	020002-AJ-0	ALLSTATE CORP SR UNSEC 6.9% DUE 05/15/2038					
TBD	CN	054536-AC-1	AXA SA JR SUBORDINATED 6.379% DUE 06/14/2049					
TBD	CN	054536-AC-1	AXA SA JR SUBORDINATED 6.379% DUE 06/14/2049					
TBD	CN	084423-AW-2	BERKLEY WR CORPORATION 3.15% DUE 9/30/2061 MS30 3.15% DUE 09/30/2061					
TBD	CN	084423-AW-2	BERKLEY WR CORPORATION 3.15% DUE 9/30/2061 MS30 3.15% DUE 09/30/2061					
TBD	R		CDX-NAIGS45 7-15 12/20/2030	1*	202,278,173	101,139	323,645	667,518
TBD	CN	06051G-HA-0	BANK OF AMERICA CORP SR UNSEC 3.946% DUE 01/23/2049					
TBD	CN	89420G-AE-9	TRAVELERS PPTY CASUALTY CO.GUARNT 6.375% DUE 03/15/2033					
TBD	CN	89420G-AE-9	TRAVELERS PPTY CASUALTY CO.GUARNT 6.375% DUE 03/15/2033					
TBD	CN	89420G-AE-9	TRAVELERS PPTY CASUALTY CO.GUARNT 6.375% DUE 03/15/2033					
TBD	CN	89420G-AE-9	TRAVELERS PPTY CASUALTY CO.GUARNT 6.375% DUE 03/15/2033					
TBD	CN	89420G-AE-9	TRAVELERS PPTY CASUALTY CO.GUARNT 6.375% DUE 03/15/2033					
TBD	CN	89420G-AE-9	TRAVELERS PPTY CASUALTY CO.GUARNT 6.375% DUE 03/15/2033					
TBD	CN	976826-BE-6	WISCONSIN POWER & LIGHT SR UNSEC 6.375% DUE 08/15/2037					
TBD	CN	491674-BP-1	KENTUCKY UTILITIES CO 5.85% DUE 8/15/2055 FA15 5.85% DUE 08/15/2055					
TBD	CN	491674-BP-1	KENTUCKY UTILITIES CO 5.85% DUE 8/15/2055 FA15 5.85% DUE 08/15/2055					
TBD	CN	478160-BV-5	JOHNSON & JOHNSON SR UNSEC 3.7% DUE 03/01/2046					
TBD	CN	478160-BV-5	JOHNSON & JOHNSON SR UNSEC 3.7% DUE 03/01/2046					
TBD	CN	478160-BV-5	JOHNSON & JOHNSON SR UNSEC 3.7% DUE 03/01/2046					
TBD	CN	478160-BV-5	JOHNSON & JOHNSON SR UNSEC 3.7% DUE 03/01/2046					
TBD	CN	478160-BV-5	JOHNSON & JOHNSON SR UNSEC 3.7% DUE 03/01/2046					
TBD	CN	478160-BV-5	JOHNSON & JOHNSON SR UNSEC 3.7% DUE 03/01/2046					
TBD	CN	478160-BV-5	JOHNSON & JOHNSON SR UNSEC 3.7% DUE 03/01/2046					
TBD	R		CDX-NAIGS45 7-15 12/20/2030	1*	100,000,000	50,000	160,000	330,000
TBD	CN	912810-RC-4	US TREASURY N/B UNITED STATES TREASURY NO 3.62 3.625% DUE 08/15/2043					
TBD	CN	912810-RC-4	US TREASURY N/B UNITED STATES TREASURY NO 3.62 3.625% DUE 08/15/2043					
TBD	CN	857477-DE-0	STATE STREET CORP VAR % DUE 10/23/2036 A023 4.784% DUE 10/23/2036					
TBD	R		CDX-NAIGS45 7-15 12/20/2030	1*	76,147,058	38,074	121,835	251,285
TBD	CN	49337W-AH-3	NATIONAL GRID USA SR UNSEC 5.875% DUE 04/01/2033					
TBD	CN	744560-AQ-9	PUB SVC ELEC & GAS 1ST REF MORT 5.7% DUE 12/01/2036					
TBD	CN	976656-BZ-0	WISCONSIN ELECTRIC POWER SR UNSEC 5.7% DUE 12/01/2036					
TBD	CN	976656-BZ-0	WISCONSIN ELECTRIC POWER SR UNSEC 5.7% DUE 12/01/2036					
TBD	CN	44107T-BB-1	HOST HOTELS & RESORTS LP 5.7% DUE 7/1/2034 JJ1 5.7% DUE 07/01/2034					
TBD	CN	44107T-BB-1	HOST HOTELS & RESORTS LP 5.7% DUE 7/1/2034 JJ1 5.7% DUE 07/01/2034					
TBD	CN	44107T-BB-1	HOST HOTELS & RESORTS LP 5.7% DUE 7/1/2034 JJ1 5.7% DUE 07/01/2034					
TBD	CN	49337W-AH-3	NATIONAL GRID USA SR UNSEC 5.875% DUE 04/01/2033					
TBD	CN	49337W-AH-3	NATIONAL GRID USA SR UNSEC 5.875% DUE 04/01/2033					
TBD	CN	744560-AQ-9	PUB SVC ELEC & GAS 1ST REF MORT 5.7% DUE 12/01/2036					
TBD	CN	744560-AQ-9	PUB SVC ELEC & GAS 1ST REF MORT 5.7% DUE 12/01/2036					

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
TBD	CN	74456Q-AQ-9	PUB SVC ELEC & GAS 1ST REF MORT 5.7% DUE 12/01/2036					
TBD	CN	74456Q-AQ-9	PUB SVC ELEC & GAS 1ST REF MORT 5.7% DUE 12/01/2036					
TBD	CN	74456Q-AQ-9	PUB SVC ELEC & GAS 1ST REF MORT 5.7% DUE 12/01/2036					
TBD	CN	74456Q-AQ-9	PUB SVC ELEC & GAS 1ST REF MORT 5.7% DUE 12/01/2036					
TBD	R		CDX-NAHYS45 35-100 12/20/2030	1*	152,454,491	76,227	243,927	503,100
TBD	CN	912810-RW-0	TSY INFL IX N/B UNITED STATES TREASURY IN .875 0.875% DUE 02/15/2047					
TBD	CN	912810-RW-0	TSY INFL IX N/B UNITED STATES TREASURY IN .875 0.875% DUE 02/15/2047					
TBD	CN	912810-RW-0	TSY INFL IX N/B UNITED STATES TREASURY IN .875 0.875% DUE 02/15/2047					
TBD	CN	912810-RW-0	TSY INFL IX N/B UNITED STATES TREASURY IN .875 0.875% DUE 02/15/2047					
TBD	R		CDX-NAHYS45 35-100 12/20/2030	1*	153,967,995	76,984	246,349	508,094
TBD	CN	912810-RW-0	TSY INFL IX N/B UNITED STATES TREASURY IN .875 0.875% DUE 02/15/2047					
TBD	CN	912810-RW-0	TSY INFL IX N/B UNITED STATES TREASURY IN .875 0.875% DUE 02/15/2047					
TBD	CN	912810-RW-0	TSY INFL IX N/B UNITED STATES TREASURY IN .875 0.875% DUE 02/15/2047					
TBD	CN	912810-RW-0	TSY INFL IX N/B UNITED STATES TREASURY IN .875 0.875% DUE 02/15/2047					
TBD	R		CDX-NAHYS45 35-100 12/20/2030	1*	29,930,245	14,965	47,888	98,770
TBD	CN	037735-CE-5	APPALACHIAN POWER CO SR UNSEC 5.8% DUE 10/01/2035					
TBD	CN	20765Q-AH-8	CONNECTICUT NATURAL GAS SR UNSEC 5.63% DUE 09/15/2035					
TBD	R		CDX-NAHYS45 35-100 12/20/2030	1*	29,749,589	14,875	47,599	98,174
TBD	CN	913017-BT-5	RTX CORP SR UNSEC 4.5% DUE 06/01/2042					
TBD	CN	913017-BT-5	RTX CORP SR UNSEC 4.5% DUE 06/01/2042					
TBD	CN	913017-BT-5	RTX CORP SR UNSEC 4.5% DUE 06/01/2042					
TBD	CN	913017-BT-5	RTX CORP SR UNSEC 4.5% DUE 06/01/2042					
TBD	CN	913017-BT-5	RTX CORP SR UNSEC 4.5% DUE 06/01/2042					
TBD	CN	913017-BT-5	RTX CORP SR UNSEC 4.5% DUE 06/01/2042					
TBD	R		CDX-NAHYS45 35-100 12/20/2030	1*	168,874,633	84,437	270,199	557,286
TBD	CN	912810-RB-6	US TREASURY N/B UNITED STATES TREASURY NO 2.87 2.875% DUE 05/15/2043					
TBD	CN	912810-RB-6	US TREASURY N/B UNITED STATES TREASURY NO 2.87 2.875% DUE 05/15/2043					
TBD	CN	912810-RB-6	US TREASURY N/B UNITED STATES TREASURY NO 2.87 2.875% DUE 05/15/2043					
TBD	CN	912810-RB-6	US TREASURY N/B UNITED STATES TREASURY NO 2.87 2.875% DUE 05/15/2043					
TBD	CN	912810-RB-6	US TREASURY N/B UNITED STATES TREASURY NO 2.87 2.875% DUE 05/15/2043					
TBD	CN	912810-RB-6	US TREASURY N/B UNITED STATES TREASURY NO 2.87 2.875% DUE 05/15/2043					
TBD	R		CDX-NAHYS45 35-100 12/20/2030	1*	59,128,267	29,564	94,605	195,123
TBD	CN	377372-AB-3	GLAXOSMITHKLINE CAP INC CO.GUARNT 5.375% DUE 04/15/2034					
TBD	CN	377372-AB-3	GLAXOSMITHKLINE CAP INC CO.GUARNT 5.375% DUE 04/15/2034					
TBD	CN	377372-AB-3	GLAXOSMITHKLINE CAP INC CO.GUARNT 5.375% DUE 04/15/2034					
TBD	CN	837004-BX-7	DOMINION ENERGY SOUTH 1ST MORTG 5.3% DUE 05/15/2033					
TBD	CN	837004-BX-7	DOMINION ENERGY SOUTH 1ST MORTG 5.3% DUE 05/15/2033					
TBD	R		CDX-NAHYS45 35-100 12/20/2030	1*	59,338,844	29,669	94,942	195,818
TBD	CN	209111-EM-1	CON EDISON CO OF NY INC SR UNSEC 6.2% DUE 06/15/2036					
TBD	CN	694476-AD-4	PACIFIC LIFECORP SR UNSEC 5.125% DUE 01/30/2043					
TBD	CN	694476-AD-4	PACIFIC LIFECORP SR UNSEC 5.125% DUE 01/30/2043					
TBD	CN	694476-AD-4	PACIFIC LIFECORP SR UNSEC 5.125% DUE 01/30/2043					
TBD	CN	694476-AD-4	PACIFIC LIFECORP SR UNSEC 5.125% DUE 01/30/2043					
TBD	CN	694476-AD-4	PACIFIC LIFECORP SR UNSEC 5.125% DUE 01/30/2043					
TBD	CN	694476-AD-4	PACIFIC LIFECORP SR UNSEC 5.125% DUE 01/30/2043					
TBD	CN	694476-AD-4	PACIFIC LIFECORP SR UNSEC 5.125% DUE 01/30/2043					
TBD	CN	694476-AD-4	PACIFIC LIFECORP SR UNSEC 5.125% DUE 01/30/2043					
TBD	CN	694476-AD-4	PACIFIC LIFECORP SR UNSEC 5.125% DUE 01/30/2043					
TBD	CN	694476-AD-4	PACIFIC LIFECORP SR UNSEC 5.125% DUE 01/30/2043					
TBD	CN	694476-AD-4	PACIFIC LIFECORP SR UNSEC 5.125% DUE 01/30/2043					
TBD	CN	694476-AD-4	PACIFIC LIFECORP SR UNSEC 5.125% DUE 01/30/2043					
TBD	CN	694476-AD-4	PACIFIC LIFECORP SR UNSEC 5.125% DUE 01/30/2043					
TBD	R		CDX-NAHYS45 35-100 12/20/2030	1*	120,588,225	60,294	192,941	397,941
TBD	CN	822582-BQ-4	SHELL INTERNATIONAL FIN CO.GUARNT 4% DUE 05/10/2046					
TBD	CN	867229-AE-6	SUNCOR ENERGY INC SR UNSEC 6.5% DUE 06/15/2038					
TBD	CN	244199-BM-6	DEERE & COMPANY 5.7% DUE 1/19/2055 JJ19 5.7% DUE 01/19/2055					
TBD	CN	244199-BM-6	DEERE & COMPANY 5.7% DUE 1/19/2055 JJ19 5.7% DUE 01/19/2055					

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
TBD	R.		CDX-NAHYS45 35-100 12/20/2030	1*	134,438,456	67,219	215,102	443,647
TBD	CN.	46625H-HF-0	JPMORGAN CHASE & CO SR UNSEC 6.4% DUE 05/15/2038					
TBD	CN.	907818-CS-5	UNION PACIFIC CORP SR UNSEC 5.375% DUE 06/01/2033					
TBD	CN.	907818-CS-5	UNION PACIFIC CORP SR UNSEC 5.375% DUE 06/01/2033					
TBD	CN.	907818-CS-5	UNION PACIFIC CORP SR UNSEC 5.375% DUE 06/01/2033					
TBD	CN.	907818-CS-5	UNION PACIFIC CORP SR UNSEC 5.375% DUE 06/01/2033					
TBD	CN.	907818-CS-5	UNION PACIFIC CORP SR UNSEC 5.375% DUE 06/01/2033					
TBD	CN.	912810-RW-0	TSY INFL IX N/B UNITED STATES TREASURY IN .875 0.875% DUE 02/15/2047					
TBD	R.		CDX-NAHYS45 35-100 12/20/2030	1*	178,130,785	89,065	285,009	587,832
TBD	CN.	912810-QL-5	US TREASURY N/B UNITED STATES TREASURY NO 4.25 4.25% DUE 11/15/2040					
TBD	CN.	912810-QL-5	US TREASURY N/B UNITED STATES TREASURY NO 4.25 4.25% DUE 11/15/2040					
TBD	CN.	912810-QL-5	US TREASURY N/B UNITED STATES TREASURY NO 4.25 4.25% DUE 11/15/2040					
TBD	R.		CDX-NAHYS45 35-100 12/20/2030	1*	235,045,834	117,523	376,073	775,651
TBD	CN.	912810-RC-4	US TREASURY N/B UNITED STATES TREASURY NO 3.62 3.625% DUE 08/15/2043					
TBD	CN.	912810-RC-4	US TREASURY N/B UNITED STATES TREASURY NO 3.62 3.625% DUE 08/15/2043					
TBD	CN.	912810-RC-4	US TREASURY N/B UNITED STATES TREASURY NO 3.62 3.625% DUE 08/15/2043					
TBD	CN.	912810-RC-4	US TREASURY N/B UNITED STATES TREASURY NO 3.62 3.625% DUE 08/15/2043					
TBD	CN.	912810-RC-4	US TREASURY N/B UNITED STATES TREASURY NO 3.62 3.625% DUE 08/15/2043					
TBD	CN.	912810-RC-4	US TREASURY N/B UNITED STATES TREASURY NO 3.62 3.625% DUE 08/15/2043					
TBD	CN.	912810-RC-4	US TREASURY N/B UNITED STATES TREASURY NO 3.62 3.625% DUE 08/15/2043					
TBD	CN.	912810-RC-4	US TREASURY N/B UNITED STATES TREASURY NO 3.62 3.625% DUE 08/15/2043					
TBD	R.		CDX-NAHYS45 35-100 12/20/2030	1*	234,838,186	117,419	375,741	774,966
TBD	CN.	912810-RC-4	US TREASURY N/B UNITED STATES TREASURY NO 3.62 3.625% DUE 08/15/2043					
TBD	CN.	25468P-DN-3	TWDC ENTERPRISES 18 CORP CO.GUARNT 3% DUE 07/30/2046					
TBD	CN.	25468P-DN-3	TWDC ENTERPRISES 18 CORP CO.GUARNT 3% DUE 07/30/2046					
TBD	CN.	25468P-DN-3	TWDC ENTERPRISES 18 CORP CO.GUARNT 3% DUE 07/30/2046					
TBD	CN.	89114T-ZJ-4	TORONTO DOMINION BANK SERIES MTN 2% DUE 09/10/2031					
TBD	CN.	402479-CD-9	GULF POWER CO SR UNSEC 5% DUE 06/15/2043					
TBD	CN.	402479-CD-9	GULF POWER CO SR UNSEC 5% DUE 06/15/2043					
TBD	CN.	912810-RC-4	US TREASURY N/B UNITED STATES TREASURY NO 3.62 3.625% DUE 08/15/2043					
TBD	CN.	912810-RC-4	US TREASURY N/B UNITED STATES TREASURY NO 3.62 3.625% DUE 08/15/2043					
TBD	CN.	912810-RC-4	US TREASURY N/B UNITED STATES TREASURY NO 3.62 3.625% DUE 08/15/2043					
TBD	CN.	912810-RC-4	US TREASURY N/B UNITED STATES TREASURY NO 3.62 3.625% DUE 08/15/2043					
TBD	CN.	912810-RC-4	US TREASURY N/B UNITED STATES TREASURY NO 3.62 3.625% DUE 08/15/2043					
TBD	CN.	912810-RC-4	US TREASURY N/B UNITED STATES TREASURY NO 3.62 3.625% DUE 08/15/2043					
TBD	CN.	912810-RC-4	US TREASURY N/B UNITED STATES TREASURY NO 3.62 3.625% DUE 08/15/2043					
TBD	CN.	25468P-DN-3	TWDC ENTERPRISES 18 CORP CO.GUARNT 3% DUE 07/30/2046					
TBD	R.		CDX-NAHYS45 35-100 12/20/2030	1*	238,920,601	119,460	382,273	788,438
TBD	CN.	744448-CG-4	PUBLIC SERVICE COLORADO 1ST MORTG 3.6% DUE 09/15/2042					
TBD	CN.	29670G-AF-9	ESSENTIAL UTILITIES INC 2.4% DUE 5/1/2031 MN1 2.4% DUE 05/01/2031					
TBD	CN.	29670G-AF-9	ESSENTIAL UTILITIES INC 2.4% DUE 5/1/2031 MN1 2.4% DUE 05/01/2031					
TBD	CN.	29670G-AF-9	ESSENTIAL UTILITIES INC 2.4% DUE 5/1/2031 MN1 2.4% DUE 05/01/2031					
TBD	CN.	00108W-AK-6	AEP TEXAS INC SERIES H 3.45% DUE 01/15/2050					
TBD	CN.	00108W-AK-6	AEP TEXAS INC SERIES H 3.45% DUE 01/15/2050					
TBD	CN.	00108W-AK-6	AEP TEXAS INC SERIES H 3.45% DUE 01/15/2050					
TBD	CN.	00108W-AK-6	AEP TEXAS INC SERIES H 3.45% DUE 01/15/2050					
TBD	CN.	12803R-AM-6	CAIXABANK SA SERIES 144A 5.581% DUE 07/03/2036					
TBD	CN.	12803R-AM-6	CAIXABANK SA SERIES 144A 5.581% DUE 07/03/2036					
TBD	CN.	949746-JM-4	WELLS FARGO & COMPANY SR UNSEC 5.375% DUE 02/07/2035					
TBD	CN.	961214-DF-7	WESTPAC BANKING CORP SUBORD 4.322% DUE 11/23/2031					
TBD	CN.	961214-DF-7	WESTPAC BANKING CORP SUBORD 4.322% DUE 11/23/2031					
TBD	CN.	961214-DF-7	WESTPAC BANKING CORP SUBORD 4.322% DUE 11/23/2031					
TBD	CN.	961214-DF-7	WESTPAC BANKING CORP SUBORD 4.322% DUE 11/23/2031					
TBD	CN.	961214-DF-7	WESTPAC BANKING CORP SUBORD 4.322% DUE 11/23/2031					
TBD	CN.	373334-KQ-3	GEORGIA POWER CO 4.7% DUE 5/15/2032 MN15 4.7% DUE 05/15/2032					
TBD	CN.	29670G-AF-9	ESSENTIAL UTILITIES INC 2.4% DUE 5/1/2031 MN1 2.4% DUE 05/01/2031					
TBD	R.		CDX-NAHYS45 35-100 12/20/2030	1*	118,000,491	59,000	188,801	389,402

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
TBD	CN	713448-DP-0	PEPSICO INC SR UNSEC 3.45% DUE 10/06/2046					
TBD	CN	713448-DP-0	PEPSICO INC SR UNSEC 3.45% DUE 10/06/2046					
TBD	CN	713448-DP-0	PEPSICO INC SR UNSEC 3.45% DUE 10/06/2046					
TBD	CN	713448-DP-0	PEPSICO INC SR UNSEC 3.45% DUE 10/06/2046					
TBD	CN	88579Y-AH-4	3M COMPANY SR UNSEC 3.875% DUE 06/15/2044					
TBD	CN	88579Y-AH-4	3M COMPANY SR UNSEC 3.875% DUE 06/15/2044					
TBD	CN	713448-DP-0	PEPSICO INC SR UNSEC 3.45% DUE 10/06/2046					
TBD	CN	713448-DP-0	PEPSICO INC SR UNSEC 3.45% DUE 10/06/2046					
TBD	CN	713448-DP-0	PEPSICO INC SR UNSEC 3.45% DUE 10/06/2046					
TBD	CN	713448-DP-0	PEPSICO INC SR UNSEC 3.45% DUE 10/06/2046					
TBD	CN	713448-DP-0	PEPSICO INC SR UNSEC 3.45% DUE 10/06/2046					
TBD	CN	713448-DP-0	PEPSICO INC SR UNSEC 3.45% DUE 10/06/2046					
TBD	CN	713448-DP-0	PEPSICO INC SR UNSEC 3.45% DUE 10/06/2046					
TBD	R		CDX-NAHYS45 35-100 12/20/2030	1*	237,916,324	118,958	380,666	785,124
TBD	CN	912810-QK-7	US TREASURY N/B UNITED STATES TREASURY NO 3.87 3.875% DUE 08/15/2040					
TBD	CN	912810-QK-7	US TREASURY N/B UNITED STATES TREASURY NO 3.87 3.875% DUE 08/15/2040					
TBD	CN	912810-QK-7	US TREASURY N/B UNITED STATES TREASURY NO 3.87 3.875% DUE 08/15/2040					
TBD	CN	912810-QK-7	US TREASURY N/B UNITED STATES TREASURY NO 3.87 3.875% DUE 08/15/2040					
TBD	R		CDX-NAHYS45 35-100 12/20/2030	1*	179,725,382	89,863	287,561	593,094
TBD	CN	912810-QL-5	US TREASURY N/B UNITED STATES TREASURY NO 4.25 4.25% DUE 11/15/2040					
TBD	CN	14040H-DN-2	CAPITAL ONE FINANCIAL CO VAR % DUE 9/11/2036 MS11 5.197% DUE 09/11/2036					
TBD	CN	912810-QL-5	US TREASURY N/B UNITED STATES TREASURY NO 4.25 4.25% DUE 11/15/2040					
TBD	CN	912810-QL-5	US TREASURY N/B UNITED STATES TREASURY NO 4.25 4.25% DUE 11/15/2040					
TBD	CN	14448C-AL-8	CARRIER GLOBAL CORP SERIES WI 2.7% DUE 02/15/2031					
TBD	CN	14448C-AL-8	CARRIER GLOBAL CORP SERIES WI 2.7% DUE 02/15/2031					
TBD	CN	14448C-AL-8	CARRIER GLOBAL CORP SERIES WI 2.7% DUE 02/15/2031					
TBD	CN	14448C-AL-8	CARRIER GLOBAL CORP SERIES WI 2.7% DUE 02/15/2031					
TBD	CN	04316J-AP-4	ARTHUR J GALLAGHER & CO 5.55% DUE 2/15/2055 FA15 5.55% DUE 02/15/2055					
TBD	CN	04316J-AP-4	ARTHUR J GALLAGHER & CO 5.55% DUE 2/15/2055 FA15 5.55% DUE 02/15/2055					
TBD	R		CDX-NAHYS45 35-100 12/20/2030	1*	118,513,658	59,257	189,622	391,095
TBD	CN	842400-FA-6	SOUTHERN CAL EDISON 1ST REF MORT 5.35% DUE 07/15/2035					
TBD	CN	694476-AA-0	PACIFIC LIFE CORP SR UNSEC 6.6% DUE 09/15/2033					
TBD	CN	694476-AA-0	PACIFIC LIFE CORP SR UNSEC 6.6% DUE 09/15/2033					
TBD	CN	210518-DN-3	CONSUMERS ENERGY CO 2.65% DUE 8/15/2052 FA15 2.65% DUE 08/15/2052					
TBD	CN	210518-DN-3	CONSUMERS ENERGY CO 2.65% DUE 8/15/2052 FA15 2.65% DUE 08/15/2052					
TBD	CN	91324P-CX-8	UNITEDHEALTH GROUP INC SR UNSEC 4.2% DUE 01/15/2047					
TBD	CN	842400-FA-6	SOUTHERN CAL EDISON 1ST REF MORT 5.35% DUE 07/15/2035					
TBD	CN	842400-FA-6	SOUTHERN CAL EDISON 1ST REF MORT 5.35% DUE 07/15/2035					
TBD	CN	842400-FA-6	SOUTHERN CAL EDISON 1ST REF MORT 5.35% DUE 07/15/2035					
TBD	CN	842400-FA-6	SOUTHERN CAL EDISON 1ST REF MORT 5.35% DUE 07/15/2035					
TBD	CN	842400-FA-6	SOUTHERN CAL EDISON 1ST REF MORT 5.35% DUE 07/15/2035					
TBD	CN	694476-AA-0	PACIFIC LIFE CORP SR UNSEC 6.6% DUE 09/15/2033					
TBD	CN	694476-AA-0	PACIFIC LIFE CORP SR UNSEC 6.6% DUE 09/15/2033					
TBD	CN	694476-AA-0	PACIFIC LIFE CORP SR UNSEC 6.6% DUE 09/15/2033					
TBD	R		CDX-NAIGS45 7-15 12/20/2030	1*	75,082,267	37,541	120,132	247,771
TBD	CN	912810-QY-7	US TREASURY N/B UNITED STATES TREASURY NO 2.75 2.75% DUE 11/15/2042					
TBD	CN	912810-QY-7	US TREASURY N/B UNITED STATES TREASURY NO 2.75 2.75% DUE 11/15/2042					
TBD	CN	341081-FX-0	FLORIDA POWER & LIGHT CO 3.15% DUE 10/1/2049 A01 3.15% DUE 10/01/2049					
TBD	R		Swaption (Receiver)	1*	37,229,184	18,615	59,567	122,856
TBD	CN		THERMO FISHER SCIENTIFIC 2.382% DUE 10/18/2052 A018 2.382% DUE 10/18/2052					
TBD	CN	460146-CK-7	INTERNATIONAL PAPER CO SR UNSEC 4.8% DUE 06/15/2044					
TBD	CN	460146-CK-7	INTERNATIONAL PAPER CO SR UNSEC 4.8% DUE 06/15/2044					
TBD	R		Swaption (Payer)	1*	112,554,542	56,277	180,087	371,430
TBD	CN		THERMO FISHER SCIENTIFIC 2.382% DUE 10/18/2052 A018 2.382% DUE 10/18/2052					

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
TBD	CN	30231G-AW-2	EXXON MOBIL CORP SR UNSEC 4.114% DUE 03/01/2046					
TBD	CN	00206R-MN-9	AT&T INC 3.8% DUE 12/1/2057 JD1 3.8% DUE 12/01/2057					
TBD	CN	00206R-MN-9	AT&T INC 3.8% DUE 12/1/2057 JD1 3.8% DUE 12/01/2057					
TBD	CN	00206R-MN-9	AT&T INC 3.8% DUE 12/1/2057 JD1 3.8% DUE 12/01/2057					
TBD	CN	546676-BA-4	LOUISVILLE GAS & ELEC 5.85% DUE 8/15/2055 FA15 5.85% DUE 08/15/2055					
TBD	CN	546676-BA-4	LOUISVILLE GAS & ELEC 5.85% DUE 8/15/2055 FA15 5.85% DUE 08/15/2055					
TBD	CN	546676-BA-4	LOUISVILLE GAS & ELEC 5.85% DUE 8/15/2055 FA15 5.85% DUE 08/15/2055					
TBD	CN	49803X-AE-3	KITE REALTY GROUP LP 5 1/2% DUE 3/1/2034 MS1 5.5% DUE 03/01/2034					
TBD	CN	49803X-AE-3	KITE REALTY GROUP LP 5 1/2% DUE 3/1/2034 MS1 5.5% DUE 03/01/2034					
TBD	CN	49803X-AE-3	KITE REALTY GROUP LP 5 1/2% DUE 3/1/2034 MS1 5.5% DUE 03/01/2034					
TBD	CN	126408-HF-3	CSX CORP SR UNSEC 3.8% DUE 11/01/2046					
TBD	CN	126408-HF-3	CSX CORP SR UNSEC 3.8% DUE 11/01/2046					
TBD	CN	126408-HF-3	CSX CORP SR UNSEC 3.8% DUE 11/01/2046					
TBD	CN	126408-HF-3	CSX CORP SR UNSEC 3.8% DUE 11/01/2046					
TBD	CN	126408-HF-3	CSX CORP SR UNSEC 3.8% DUE 11/01/2046					
TBD	R		Swaption (Receiver)	1*	34,781,826	17,391	55,651	114,780
TBD	CN		THERMO FISHER SCIENTIFIC 2.382% DUE 10/18/2052 A018 2.382% DUE 10/18/2052					
TBD	CN	454889-AR-7	INDIANA MICHIGAN POWER SR UNSEC 3.75% DUE 07/01/2047					
TBD	CN	454889-AR-7	INDIANA MICHIGAN POWER SR UNSEC 3.75% DUE 07/01/2047					
TBD	CN	454889-AR-7	INDIANA MICHIGAN POWER SR UNSEC 3.75% DUE 07/01/2047					
TBD	CN	454889-AR-7	INDIANA MICHIGAN POWER SR UNSEC 3.75% DUE 07/01/2047					
TBD	CN	454889-AR-7	INDIANA MICHIGAN POWER SR UNSEC 3.75% DUE 07/01/2047					
TBD	R		Swaption (Payer)	1*	113,297,955	56,649	181,277	373,883
TBD	CN		THERMO FISHER SCIENTIFIC 2.382% DUE 10/18/2052 A018 2.382% DUE 10/18/2052					
TBD	CN	437076-DG-4	HOME DEPOT INC 5.4% DUE 6/25/2064 JD25 5.4% DUE 06/25/2064					
TBD	CN	437076-DG-4	HOME DEPOT INC 5.4% DUE 6/25/2064 JD25 5.4% DUE 06/25/2064					
TBD	CN	0778FP-AH-2	BELL CANADA SERIES US-6 3.2% DUE 02/15/2052					
TBD	CN	91324P-CA-8	UNITEDHEALTH GROUP INC SR UNSEC 3.95% DUE 10/15/2042					
TBD	CN	91324P-CA-8	UNITEDHEALTH GROUP INC SR UNSEC 3.95% DUE 10/15/2042					
TBD	CN	91324P-CA-8	UNITEDHEALTH GROUP INC SR UNSEC 3.95% DUE 10/15/2042					
TBD	CN	91324P-CA-8	UNITEDHEALTH GROUP INC SR UNSEC 3.95% DUE 10/15/2042					
TBD	CN	91324P-CA-8	UNITEDHEALTH GROUP INC SR UNSEC 3.95% DUE 10/15/2042					
TBD	CN	91324P-CA-8	UNITEDHEALTH GROUP INC SR UNSEC 3.95% DUE 10/15/2042					
TBD	CN	91324P-CA-8	UNITEDHEALTH GROUP INC SR UNSEC 3.95% DUE 10/15/2042					
TBD	CN	013817-AK-7	ALCOA INC 5.95% DUE 2/1/2037 FA1 5.95% DUE 02/01/2037					
TBD	CN	013817-AK-7	ALCOA INC 5.95% DUE 2/1/2037 FA1 5.95% DUE 02/01/2037					
TBD	CN	013817-AK-7	ALCOA INC 5.95% DUE 2/1/2037 FA1 5.95% DUE 02/01/2037					
TBD	CN	013817-AK-7	ALCOA INC 5.95% DUE 2/1/2037 FA1 5.95% DUE 02/01/2037					
TBD	CN	013817-AK-7	ALCOA INC 5.95% DUE 2/1/2037 FA1 5.95% DUE 02/01/2037					
TBD	CN	013817-AK-7	ALCOA INC 5.95% DUE 2/1/2037 FA1 5.95% DUE 02/01/2037					
TBD	CN	20030N-CG-4	COMCAST CORP CO.GUARNT 4.049% DUE 11/01/2052					
TBD	CN	437076-DG-4	HOME DEPOT INC 5.4% DUE 6/25/2064 JD25 5.4% DUE 06/25/2064					
TBD	R		Swaption (Receiver)	1*	67,135,706	33,568	107,417	221,548
TBD	CN	191216-DZ-0	COCA COLA CO THE 5.2% DUE 1/14/2055 JJ14 5.2% DUE 01/14/2055					
TBD	CN	191216-DZ-0	COCA COLA CO THE 5.2% DUE 1/14/2055 JJ14 5.2% DUE 01/14/2055					
TBD	CN	532457-CZ-9	ELI LILLY & CO 5.6% DUE 2/12/2065 FA12 5.6% DUE 02/12/2065					
TBD	R		Swaption (Payer)	1*	233,417,818	116,709	373,469	770,279
TBD	CN	040555-DC-5	ARIZONA PUBLIC SERVICE 2.65% DUE 9/15/2050 MS15 2.65% DUE 09/15/2050					
TBD	CN	65473Q-BF-9	NISOURCE INC SR UNSEC 4.375% DUE 05/15/2047					
TBD	CN	744538-AD-1	PUB SVC NEW HAMP SERIES U 2.4% DUE 09/01/2050					
TBD	CN	92343V-FU-3	VERIZON COMMUNICATIONS 2 7/8% DUE 11/20/2050 MN20 2.875% DUE 11/20/2050					
TBD	CN	927804-FT-6	VIRGINIA ELEC & POWER CO SR UNSEC 4.2% DUE 05/15/2045					
TBD	CN	927804-FT-6	VIRGINIA ELEC & POWER CO SR UNSEC 4.2% DUE 05/15/2045					
TBD	CN	717081-EK-5	PFIZER INC 4.2% DUE 9/15/2048 MS15 4.2% DUE 09/15/2048					
TBD	CN	717081-EK-5	PFIZER INC 4.2% DUE 9/15/2048 MS15 4.2% DUE 09/15/2048					

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
TBD	CN	93884P-DV-9	WASHINGTON GAS LIGHT CO UNSEC 4.224% DUE 09/15/2044					
TBD	CN	040555-DC-5	ARIZONA PUBLIC SERVICE 2.65% DUE 9/15/2050 MS15 2.65% DUE 09/15/2050					
TBD	CN	219350-BP-9	CORNING INC 3.9% DUE 11/15/2049 MN15 3.9% DUE 11/15/2049					
TBD	CN	219350-BP-9	CORNING INC 3.9% DUE 11/15/2049 MN15 3.9% DUE 11/15/2049					
TBD	CN	92857W-BY-5	VODAFONE GROUP PLC 5 5/8% DUE 2/10/2053 FA10 5.625% DUE 02/10/2053					
TBD	CN	460146-CQ-4	INTERNATIONAL PAPER CO SR UNSEC 4.4% DUE 08/15/2047					
TBD	CN	460146-CQ-4	INTERNATIONAL PAPER CO SR UNSEC 4.4% DUE 08/15/2047					
TBD	CN	460146-CQ-4	INTERNATIONAL PAPER CO SR UNSEC 4.4% DUE 08/15/2047					
TBD	CN	65473Q-BF-9	NISOURCE INC SR UNSEC 4.375% DUE 05/15/2047					
TBD	R		Swaption (Receiver)	1*	30,892,388	15,446	49,428	101,945
TBD	CN	126408-GX-5	CSX CORP SR UNSEC 4.4% DUE 03/01/2043					
TBD	CN	126408-GX-5	CSX CORP SR UNSEC 4.4% DUE 03/01/2043					
TBD	CN	126408-GX-5	CSX CORP SR UNSEC 4.4% DUE 03/01/2043					
TBD	CN	126408-GX-5	CSX CORP SR UNSEC 4.4% DUE 03/01/2043					
TBD	R		Swaption (Payer)	1*	112,510,960	56,255	180,018	371,286
TBD	CN	136375-BW-1	CANADIAN NATL RAILWAY SR UNSEC 3.5% DUE 11/15/2042					
TBD	CN	92857W-BD-1	VODAFONE GROUP PLC 4 3/8% DUE 2/19/2043 FA19 4.375% DUE 02/19/2043					
TBD	CN	92857W-BD-1	VODAFONE GROUP PLC 4 3/8% DUE 2/19/2043 FA19 4.375% DUE 02/19/2043					
TBD	CN	92857W-BD-1	VODAFONE GROUP PLC 4 3/8% DUE 2/19/2043 FA19 4.375% DUE 02/19/2043					
TBD	CN	92857W-BD-1	VODAFONE GROUP PLC 4 3/8% DUE 2/19/2043 FA19 4.375% DUE 02/19/2043					
TBD	CN	92857W-BD-1	VODAFONE GROUP PLC 4 3/8% DUE 2/19/2043 FA19 4.375% DUE 02/19/2043					
TBD	CN	74340X-BZ-3	PROLOGIS LP 1 3/4% DUE 7/1/2030 JJ1 1.75% DUE 07/01/2030					
TBD	CN	74340X-BZ-3	PROLOGIS LP 1 3/4% DUE 7/1/2030 JJ1 1.75% DUE 07/01/2030					
TBD	CN	29364W-BQ-0	ENTERGY LOUISIANA LLC 5.8% DUE 3/15/2055 MS15 5.8% DUE 03/15/2055					
TBD	CN	29364W-BQ-0	ENTERGY LOUISIANA LLC 5.8% DUE 3/15/2055 MS15 5.8% DUE 03/15/2055					
TBD	CN	29364W-BQ-0	ENTERGY LOUISIANA LLC 5.8% DUE 3/15/2055 MS15 5.8% DUE 03/15/2055					
TBD	CN	136375-BW-1	CANADIAN NATL RAILWAY SR UNSEC 3.5% DUE 11/15/2042					
TBD	CN	136375-BW-1	CANADIAN NATL RAILWAY SR UNSEC 3.5% DUE 11/15/2042					
TBD	CN	136375-BW-1	CANADIAN NATL RAILWAY SR UNSEC 3.5% DUE 11/15/2042					
TBD	CN	666807-BJ-0	NORTHROP GRUMMAN CORP SR UNSEC 3.85% DUE 04/15/2045					
TBD	CN	666807-BJ-0	NORTHROP GRUMMAN CORP SR UNSEC 3.85% DUE 04/15/2045					
TBD	CN	666807-BJ-0	NORTHROP GRUMMAN CORP SR UNSEC 3.85% DUE 04/15/2045					
TBD	CN	666807-BJ-0	NORTHROP GRUMMAN CORP SR UNSEC 3.85% DUE 04/15/2045					
TBD	CN	666807-BJ-0	NORTHROP GRUMMAN CORP SR UNSEC 3.85% DUE 04/15/2045					
TBD	R		Swaption (Receiver)	1*	30,728,597	15,364	49,166	101,404
TBD	CN	37940X-AD-4	GLOBAL PAYMENTS INC 2.9% DUE 5/15/2030 MN15 2.9% DUE 05/15/2030					
TBD	CN	37940X-AD-4	GLOBAL PAYMENTS INC 2.9% DUE 5/15/2030 MN15 2.9% DUE 05/15/2030					
TBD	R		Swaption (Payer)	1*	112,796,795	56,398	180,475	372,229
TBD	CN	037389-BE-2	AON CORP 2.8% DUE 5/15/2030 MN15 2.8% DUE 05/15/2030					
TBD	CN	609207-AT-2	MONDELEZ INTERNATIONAL INC 2 3/4% DUE 4/13/2030 A013 2.75% DUE 04/13/2030					
TBD	CN	29366W-AB-2	ENTERGY MISSISSIPPI LLC 3 1/2% DUE 6/1/2051 JD1 3.5% DUE 06/01/2051					
TBD	CN	29366W-AB-2	ENTERGY MISSISSIPPI LLC 3 1/2% DUE 6/1/2051 JD1 3.5% DUE 06/01/2051					
TBD	CN	459200-KL-4	IBM CORP 2.95% DUE 5/15/2050 MN15 2.95% DUE 05/15/2050					
TBD	CN	459200-KL-4	IBM CORP 2.95% DUE 5/15/2050 MN15 2.95% DUE 05/15/2050					
TBD	CN	459200-KL-4	IBM CORP 2.95% DUE 5/15/2050 MN15 2.95% DUE 05/15/2050					
TBD	CN	491674-BG-1	KENTUCKY UTILITIES CO 1ST MORTG 5.125% DUE 11/01/2040					
TBD	CN	491674-BG-1	KENTUCKY UTILITIES CO 1ST MORTG 5.125% DUE 11/01/2040					
TBD	CN	491674-BG-1	KENTUCKY UTILITIES CO 1ST MORTG 5.125% DUE 11/01/2040					
TBD	R		Treasury Bond Forward T 3 08/15/2052 (912810TJ7)	1*	16,050,000	8,025	25,680	52,965
TBD	CN	59447T-CZ-4	MICHIGAN ST FIN AUTH REVENUE MICHIGAN FINANCE AUTHORIT 4.19 4.195% DUE 09/0					
TBD	R		Treasury Bond Forward T 3 08/15/2052 (912810TJ7)	1*	22,120,408	11,060	35,393	72,997
TBD	CN	824348-AW-6	SHERWIN-WILLIAMS CO SR UNSEC 3.45% DUE 06/01/2027					
TBD	CN	824348-AW-6	SHERWIN-WILLIAMS CO SR UNSEC 3.45% DUE 06/01/2027					
TBD	R		CDX-NAIGS45 7-15 12/20/2030	1*	110,090,001	55,045	176,144	363,297
TBD	CN	61747Y-EF-8	MORGAN STANLEY FLT % DUE 9/16/2036 MS16 4.83% DUE 09/16/2036					

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
TBD	CN	837004-BZ-2	DOMINION ENERGY SOUTH 1ST MORTG 5.25% DUE 03/01/2035					
TBD	CN	431282-AS-1	HIGHWOODS REALTY LP 3.05% DUE 2/15/2030 FA15 3.05% DUE 02/15/2030					
TBD	CN	61747Y-EF-8	MORGAN STANLEY FLT % DUE 9/16/2036 MS16 4.83% DUE 09/16/2036					
TBD	CN	912834-UY-2	STRIPS DUE 8/15/2049 AT MAT 0% DUE 08/15/2049					
TBD	CN	912834-UY-2	STRIPS DUE 8/15/2049 AT MAT 0% DUE 08/15/2049					
TBD	CN	912834-UY-2	STRIPS DUE 8/15/2049 AT MAT 0% DUE 08/15/2049					
TBD	CN	693475-CE-3	PNC FINANCIAL SERVICES VAR % DUE 7/21/2036 JJ21 5.373% DUE 07/21/2036					
TBD	CN	693475-CE-3	PNC FINANCIAL SERVICES VAR % DUE 7/21/2036 JJ21 5.373% DUE 07/21/2036					
TBD	CN	693475-CE-3	PNC FINANCIAL SERVICES VAR % DUE 7/21/2036 JJ21 5.373% DUE 07/21/2036					
TBD	CN	837004-BZ-2	DOMINION ENERGY SOUTH 1ST MORTG 5.25% DUE 03/01/2035					
TBD	R		CDX-NAHYS45 35-100 12/20/2030	1*	50,001,015	25,001	80,002	165,003
TBD	CN	912834-PM-4	STRIPS DUE 8/15/2045 AT MAT 0% DUE 08/15/2045					
TBD	CN	912834-PM-4	STRIPS DUE 8/15/2045 AT MAT 0% DUE 08/15/2045					
TBD	CN	404119-CB-3	HCA INC 3 1/2% DUE 7/15/2051 JJ15 3.5% DUE 07/15/2051					
TBD	CN	404119-CB-3	HCA INC 3 1/2% DUE 7/15/2051 JJ15 3.5% DUE 07/15/2051					
TBD	CN	404119-CB-3	HCA INC 3 1/2% DUE 7/15/2051 JJ15 3.5% DUE 07/15/2051					
TBD	CN	26442R-AB-7	DUKE ENERGY PROGRESS LLC 1ST MORTG 4.375% DUE 03/30/2044					
TBD	R		Treasury Total Return Swap T 4.125 08/15/53 (912810TT5)	1*	29,011,676	14,506	46,419	95,739
TBD	CN	23330J-AA-9	DP WORLD PLC SR UNSEC 6.85% DUE 07/02/2037					
TBD	CN	23330J-AA-9	DP WORLD PLC SR UNSEC 6.85% DUE 07/02/2037					
TBD	CN	23330J-AA-9	DP WORLD PLC SR UNSEC 6.85% DUE 07/02/2037					
TBD	CN	23330J-AA-9	DP WORLD PLC SR UNSEC 6.85% DUE 07/02/2037					
TBD	R		CDX-NAIGS45 7-15 12/20/2030	1*	50,058,518	25,029	80,094	165,193
TBD	CN	912834-TV-0	STRIPS DUE 8/15/2048 AT MAT 0% DUE 08/15/2048					
TBD	CN	912834-TV-0	STRIPS DUE 8/15/2048 AT MAT 0% DUE 08/15/2048					
TBD	CN	05572Y-HP-0	BOKF NA VAR % DUE 11/6/2040 MN6 6.108% DUE 11/06/2040					
TBD	CN	05572Y-HP-0	BOKF NA VAR % DUE 11/6/2040 MN6 6.108% DUE 11/06/2040					
TBD	CN	05572Y-HP-0	BOKF NA VAR % DUE 11/6/2040 MN6 6.108% DUE 11/06/2040					
TBD	R		CDX-NAHYS45 25-35 12/20/2030	1*	56,728,247	28,364	90,765	187,203
TBD	CN	632525-AY-7	NATIONAL AUSTRALIA BANK SERIES 144A 2.99% DUE 05/21/2031					
TBD	CN	632525-AY-7	NATIONAL AUSTRALIA BANK SERIES 144A 2.99% DUE 05/21/2031					
TBD	CN	743674-BG-7	PROTECTIVE LIFE CORP SERIES 144A 5.35% DUE 12/15/2035					
TBD	CN	743674-BG-7	PROTECTIVE LIFE CORP SERIES 144A 5.35% DUE 12/15/2035					
TBD	R		Treasury Bond Forward T 4.125 08/15/53 (912810TT5)	1*	25,000,000	12,500	40,000	82,500
TBD	CN	74815H-CP-5	PROVINCE OF QUEBEC UNSEC 5.4% DUE 11/17/2035					
TBD	R		Treasury Bond Forward T 4.125 08/15/53 (912810TT5)	1*	26,067,421	13,034	41,708	86,022
TBD	CN	716973-AH-5	PFIZER INVESTMENT ENTER 5.34% DUE 5/19/2063 MN19 5.34% DUE 05/19/2063					
TBD	CN	716973-AH-5	PFIZER INVESTMENT ENTER 5.34% DUE 5/19/2063 MN19 5.34% DUE 05/19/2063					
TBD	CN	341081-FH-5	FLORIDA POWER & LIGHT CO 1ST MORTG 3.8% DUE 12/15/2042					
TBD	R		Treasury Bond Forward T 4.125 08/15/53 (912810TT5)	1*	38,162,673	19,081	61,060	125,937
TBD	CN	254687-EF-9	WALT DISNEY COMPANY THE SERIES WI 6.15% DUE 03/01/2037					
TBD	CN	06368D-H7-2	BANK OF MONTREAL 3.088% DUE 1/10/2037 JJ10 3.088% DUE 01/10/2037					
TBD	CN	06368D-H7-2	BANK OF MONTREAL 3.088% DUE 1/10/2037 JJ10 3.088% DUE 01/10/2037					
TBD	R		Interest Rate Swap	1*	27,012,624	13,506	43,220	89,142
TBD	CN	60687Y-DM-8	MIZUHO FINANCIAL GROUP VAR % DUE 7/8/2036 JJ8 5.323% DUE 07/08/2036					
TBD	CN	60687Y-DM-8	MIZUHO FINANCIAL GROUP VAR % DUE 7/8/2036 JJ8 5.323% DUE 07/08/2036					
TBD	R		Interest Rate Swap	1*	27,014,185	13,507	43,223	89,147
TBD	CN	55354G-AS-9	MSCI INC 5.15% DUE 3/15/2036 MS15 5.15% DUE 03/15/2036					
TBD	CN	55354G-AS-9	MSCI INC 5.15% DUE 3/15/2036 MS15 5.15% DUE 03/15/2036					
TBD	R		Interest Rate Swap	1*	27,746,952	13,873	44,395	91,565
TBD	CN	91159H-JU-5	US BANCORP VAR % DUE 2/12/2036 FA12 5.424% DUE 02/12/2036					
TBD	CN	91159H-JU-5	US BANCORP VAR % DUE 2/12/2036 FA12 5.424% DUE 02/12/2036					
TBD	R		Interest Rate Swap	1*	27,019,838	13,510	43,232	89,165
TBD	CN	502431-AV-1	L3HARRIS TECH INC 5 1/2% DUE 8/15/2054 FA15 5.5% DUE 08/15/2054					
TBD	CN	502431-AV-1	L3HARRIS TECH INC 5 1/2% DUE 8/15/2054 FA15 5.5% DUE 08/15/2054					
TBD	CN	502431-AV-1	L3HARRIS TECH INC 5 1/2% DUE 8/15/2054 FA15 5.5% DUE 08/15/2054					

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
0199999. Subtotal default component - other than mortgage					25,239,214,818	18,116,409	55,994,780	106,213,420
0599999 - Total					25,239,214,818	18,116,409	55,994,780	106,213,420

SCHEDULE F

Showing all claims for death losses and all other contract claims resisted or compromised during the year, and all claims for death losses and all other contract claims resisted December 31 of current year

1 Contract Numbers	2 Claim Numbers	3 State of Residence of Claimant	4 Year of Claim for Death or Disability	5 Amount Claimed	6 Amount Paid During the Year	7 Amount Resisted Dec. 31 of Current Year	8 Why Compromised or Resisted
0599999. Death claims - disposed of							XXX
1099999. Additional accidental death benefits claims - disposed of							XXX
1599999. Disability benefits claims - disposed of							XXX
2099999. Matured endowments claims - disposed of							XXX
IE331559	IE331559	CA	2024	1,017,471			No payments were made to settle. The litigation is still ongoing, but we are no longer involved as a party. We were interpleaded from the case.
2199999. Annuities with life contingencies-ordinary				1,017,471			XXX
2599999. Annuities with life contingency claims - disposed of				1,017,471			XXX
2699999. Claims disposed of during current year				1,017,471			XXX
3199999. Death claims - resisted							XXX
3699999. Additional accidental death benefits claims - resisted							XXX
4199999. Disability benefits claims - resisted							XXX
4699999. Matured endowments claims - resisted							XXX
5199999. Annuities with life contingencies claims - resisted							XXX
5299999. Claims resisted during current year							XXX
5399999 - Totals				1,017,471			XXX

SCHEDULE H - ACCIDENT AND HEALTH EXHIBIT

PART 1 - ANALYSIS OF UNDERWRITING OPERATIONS

		Total		Comprehensive (Hospital and Medical) Individual		Comprehensive (Hospital and Medical) Group		Medicare Supplement		Vision Only		Dental Only		Federal Employees Health Benefits Plan	
		1 Amount	2 %	3 Amount	4 %	5 Amount	6 %	7 Amount	8 %	9 Amount	10 %	11 Amount	12 %	13 Amount	14 %
1.	Premiums written	1,521	XXX		XXX		XXX		XXX		XXX		XXX		XXX
2.	Premiums earned	1,521	XXX		XXX		XXX		XXX		XXX		XXX		XXX
3.	Incurred claims	943	62.0												
4.	Cost containment expenses														
5.	Incurred claims and cost containment expenses (Lines 3 and 4)	943	62.0												
6.	Increase in contract reserves														
7.	Commissions (a)														
8.	Other general insurance expenses	(279,410)	(18,370.2)												
9.	Taxes, licenses and fees	(935,960)	(61,535.8)												
10.	Total other expenses incurred	(1,215,370)	(79,906.0)												
11.	Aggregate write-ins for deductions														
12.	Gain from underwriting before dividends or refunds	1,215,948	79,944.0												
13.	Dividends or refunds														
14.	Gain from underwriting after dividends or refunds	1,215,948	79,944.0												
	DETAILS OF WRITE-INS														
1101.															
1102.															
1103.															
1198.	Summary of remaining write-ins for Line 11 from overflow page														
1199.	Totals (Lines 1101 through 1103 plus 1198)(Line 11 above)														

		Medicare Title XVIII		Medicaid Title XIX		Credit A&H		Disability Income		Long-Term Care		Other Health	
		15 Amount	16 %	17 Amount	18 %	19 Amount	20 %	21 Amount	22 %	23 Amount	24 %	25 Amount	26 %
1.	Premiums written		XXX		XXX		XXX		XXX		XXX	1,521	XXX
2.	Premiums earned		XXX		XXX		XXX		XXX		XXX	1,521	XXX
3.	Incurred claims											943	62.0
4.	Cost containment expenses												
5.	Incurred claims and cost containment expenses (Lines 3 and 4)											943	62.0
6.	Increase in contract reserves												
7.	Commissions (a)												
8.	Other general insurance expenses									(279,410)			
9.	Taxes, licenses and fees									(935,960)			
10.	Total other expenses incurred									(1,215,370)			
11.	Aggregate write-ins for deductions												
12.	Gain from underwriting before dividends or refunds									1,215,370		578	38.0
13.	Dividends or refunds												
14.	Gain from underwriting after dividends or refunds									1,215,370		578	38.0
	DETAILS OF WRITE-INS												
1101.													
1102.													
1103.													
1198.	Summary of remaining write-ins for Line 11 from overflow page												
1199.	Totals (Lines 1101 through 1103 plus 1198)(Line 11 above)												

(a) Includes $ ..... reported as "Contract, membership and other fees retained by agents."

SCHEDULE H - ACCIDENT AND HEALTH EXHIBIT (Continued)

PART 2. - RESERVES AND LIABILITIES

	1 Total	2 Comprehensive (Hospital and Medical) Individual	3 Comprehensive (Hospital and Medical) Group	4 Medicare Supplement	5 Vision Only	6 Dental Only	7 Federal Employees Health Benefits Plan	8 Medicare Title XVIII	9 Medicaid Title XIX	10 Credit A&H	11 Disability Income	12 Long-Term Care	13 Other Health
A. Premium Reserves:													
1. Unearned premiums	272												272
2. Advance premiums													
3. Reserve for rate credits													
4. Total premium reserves, current year	272												272
5. Total premium reserves, prior year	272												272
6. Increase in total premium reserves													
B. Contract Reserves:													
1. Additional reserves (a)													
2. Reserve for future contingent benefits													
3. Total contract reserves, current year													
4. Total contract reserves, prior year.													
5. Increase in contract reserves													
C. Claim Reserves and Liabilities:													
1. Total current year	875												875
2. Total prior year	875												875
3. Increase													

PART 3. - TEST OF PRIOR YEAR'S CLAIM RESERVES AND LIABILITIES

	1 Total	2 Comprehensive (Hospital and Medical) Individual	3 Comprehensive (Hospital and Medical) Group	4 Medicare Supplement	5 Vision Only	6 Dental Only	7 Federal Employees Health Benefits Plan	8 Medicare Title XVIII	9 Medicaid Title XIX	10 Credit A&H	11 Disability Income	12 Long-Term Care	13 Other Health
1. Claims paid during the year:													
1.1 On claims incurred prior to current year													
1.2 On claims incurred during current year	943												943
2. Claim reserves and liabilities, December 31, current year:													
2.1 On claims incurred prior to current year													
2.2 On claims incurred during current year	875												875
3. Test:													
3.1 Lines 1.1 and 2.1													
3.2 Claim reserves and liabilities, December 31, prior year	875												875
3.3 Line 3.1 minus Line 3.2	(875)												(875)

PART 4. - REINSURANCE

	1 Total	2 Comprehensive (Hospital and Medical) Individual	3 Comprehensive (Hospital and Medical) Group	4 Medicare Supplement	5 Vision Only	6 Dental Only	7 Federal Employees Health Benefits Plan	8 Medicare Title XVIII	9 Medicaid Title XIX	10 Credit A&H	11 Disability Income	12 Long-Term Care	13 Other Health
A. Reinsurance Assumed:													
1. Premiums written													
2. Premiums earned													
3. Incurred claims													
4. Commissions													
B. Reinsurance Ceded:													
1. Premiums written	16,064,346											16,064,346	
2. Premiums earned	16,209,073											16,209,073	
3. Incurred claims	54,903,075										1,000,100	53,902,975	
4. Commissions													

(a) Includes $ ..... premium deficiency reserve.

SCHEDULE H - PART 5 - HEALTH CLAIMS

	1 Comprehensive (Hospital and Medical) Individual	2 Comprehensive (Hospital and Medical) Group	3 Medicare Supplement	4 Vision Only	5 Dental Only	6 Federal Employees Health Benefits Plan	7 Medicare Title XVIII	8 Medicaid Title XIX	9 Credit A&H	10 Disability Income	11 Long-Term Care	12 Other Health	13 Total
A. Direct:													
1. Incurred claims										1,000,100	53,902,975	943	54,904,018
2. Beginning claim reserves and liabilities										35,466,686	147,447,853	875	182,915,414
3. Ending claim reserves and liabilities										29,881,441	160,861,287	875	190,743,603
4. Claims paid										6,585,345	40,489,541	943	47,075,829
B. Assumed Reinsurance:													
1. Incurred claims													
2. Beginning claim reserves and liabilities													
3. Ending claim reserves and liabilities													
4. Claims paid													
C. Ceded Reinsurance:													
1. Incurred claims										1,000,100	53,902,975		54,903,075
2. Beginning claim reserves and liabilities										35,466,686	147,447,853		182,914,539
3. Ending claim reserves and liabilities										29,881,441	160,861,287		190,742,728
4. Claims paid										6,585,345	40,489,541		47,074,886
D. Net:													
1. Incurred claims												943	943
2. Beginning claim reserves and liabilities												875	875
3. Ending claim reserves and liabilities												875	875
4. Claims paid												943	943
E. Net Incurred Claims and Cost Containment Expenses:													
1. Incurred claims and cost containment expenses												943	943
2. Beginning reserves and liabilities												875	875
3. Ending reserves and liabilities												875	875
4. Paid claims and cost containment expenses												943	943

Schedule S - Part 1 - Section 1

N O N E

Schedule S - Part 1 - Section 2

N O N E

SCHEDULE S - PART 2

Reinsurance Recoverable on Paid and Unpaid Losses Listed by Reinsuring Company as of December 31, Current Year

1 NAIC Company Code	2 ID Number	3 Effective Date	4 Name of Company	5 Domiciliary Jurisdiction	6 Paid Losses	7 Unpaid Losses
0399999. Total life and annuity - U.S. affiliates						
0699999. Total life and annuity - non-U.S. affiliates						
0799999. Total life and annuity - affiliates						
80659	82-4533188	07/01/2013	The Canada Life Assurance Company (U.S. Branch)	MI		1,566
80659	82-4533188	02/01/2017	The Canada Life Assurance Company (U.S. Branch)	MI	133,351	279,655
97071	13-3126819	01/19/2005	SCOR Global Life USA Reinsurance Company	DE		308,431
97071	13-3126819	04/01/2009	SCOR Global Life USA Reinsurance Company	DE		215,280
97071	13-3126819	01/01/2010	SCOR Global Life USA Reinsurance Company	DE	557,262	1,159,247
97071	13-3126819	02/01/2017	SCOR Global Life USA Reinsurance Company	DE	88,901	142,964
97071	13-3126819	02/12/2018	SCOR Global Life USA Reinsurance Company	DE	609,268	667,869
88340	59-2859797	01/01/2010	Hannover Life Reassurance Company of America	FL		126,986
88340	59-2859797	05/15/2012	Hannover Life Reassurance Company of America	FL		398,891
88340	59-2859797	01/01/2013	Hannover Life Reassurance Company of America	FL		23,776
88340	59-2859797	07/01/2013	Hannover Life Reassurance Company of America	FL		2,011
65676	35-0472300	01/01/2000	The Lincoln National Life Insurance Company	IN	123,646	129,050
93580	84-0849721	05/01/2012	M Life Insurance Company	CO	8,117,773	6,510,960
93580	84-0849721	01/01/2013	M Life Insurance Company	CO		623,291
93580	84-0849721	07/01/2013	M Life Insurance Company	CO		170,859
66346	58-0828824	08/15/2005	Munich American Reassurance Company	GA		4,725
66346	58-0828824	03/01/2006	Munich American Reassurance Company	GA	168,941	98,012
66346	58-0828824	10/01/2008	Munich American Reassurance Company	GA	172,712	1,325,365
66346	58-0828824	07/01/2009	Munich American Reassurance Company	GA		93
66346	58-0828824	07/01/2013	Munich American Reassurance Company	GA		2,011
66346	58-0828824	09/28/2015	Munich American Reassurance Company	GA		1,533
66346	58-0828824	02/01/2017	Munich American Reassurance Company	GA	44,449	267,288
66346	58-0828824	02/10/2018	Munich American Reassurance Company	GA	124,800	222,623
88099	75-1608507	01/01/2013	Optimum Re Insurance Company	TX		42,932
88099	75-1608507	07/01/2013	Optimum Re Insurance Company	TX		1,609
93572	43-1235868	01/19/2005	RGA Reinsurance Company	MO		23,016
93572	43-1235868	02/01/2007	RGA Reinsurance Company	MO		83,250
93572	43-1235868	04/16/2009	RGA Reinsurance Company	MO		168,329
93572	43-1235868	05/15/2012	RGA Reinsurance Company	MO		395,712
93572	43-1235868	01/01/2013	RGA Reinsurance Company	MO		43,436
93572	43-1235868	07/01/2013	RGA Reinsurance Company	MO		1,207
93572	43-1235868	02/01/2017	RGA Reinsurance Company	MO	177,801	295,626
64688	75-6020048	11/01/2001	SCOR Global Life Americas Reinsurance Company	DE	173,033	362,728
88340	59-2859797	01/01/2001	Hannover Life Reassurance Company of America	FL	114,775	26,056
88340	59-2859797	11/01/2001	Hannover Life Reassurance Company of America	FL		1,188,070
82627	06-0839705	01/01/2000	Swiss Re Life and Health America, Inc.	MO	148,645	188,553
82627	06-0839705	01/01/2001	Swiss Re Life and Health America, Inc.	MO		8,427
82627	06-0839705	11/01/2002	Swiss Re Life and Health America, Inc.	MO		11,034
82627	06-0839705	03/01/2006	Swiss Re Life and Health America, Inc.	MO	67,572	41,198
82627	06-0839705	09/12/2006	Swiss Re Life and Health America, Inc.	MO		408,382
82627	06-0839705	01/01/2010	Swiss Re Life and Health America, Inc.	MO	904,831	2,214,655
82627	06-0839705	02/01/2017	Swiss Re Life and Health America, Inc.	MO		38,580
82627	06-0839705	02/12/2018	Swiss Re Life and Health America, Inc.	MO	155,214	222,623
82627	06-0839705	01/19/2005	Swiss Re Life and Health America, Inc.	MO	25,000	30,319
82627	06-0839705	12/01/2008	Swiss Re Life and Health America, Inc.	MO	255,918	328,554
88340	59-2859797	01/01/2002	Hannover Life Reassurance Company of America	FL		60
0899999. Life and annuity - U.S. non-affiliates					12,163,892	18,806,842
1099999. Total life and annuity - non-affiliates					12,163,892	18,806,842
1199999. Total life and annuity					12,163,892	18,806,842
1499999. Total accident and health - U.S. affiliates						
1799999. Total accident and health - non-U.S. affiliates						
1899999. Total accident and health - affiliates						
69019	93-0242990	10/01/2002	Standard Insurance Company	OR		12,500
1999999. Accident and health - U.S. non-affiliates						12,500
2199999. Total accident and health - non-affiliates						12,500
2299999. Total accident and health						12,500
2399999. Total U.S. (Sum of 0399999, 0899999, 1499999 and 1999999)					12,163,892	18,819,342
2499999. Total non-U.S. (Sum of 0699999, 0999999, 1799999 and 2099999)						
9999999 Totals - Life, Annuity and Accident and Health					12,163,892	18,819,342

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Reinsurance Ceded Life Insurance, Annuities, Deposit Funds and Other Liabilities Without Life or Disability Contingencies, and Related Benefits Listed by Reinsuring Company as of December 31, Current Year

1	2	3	4	5	6	7	8	Reserve Credit Taken		11	Outstanding Surplus Relief		14	15
								9	10		12	13		
NAIC Company Code	ID Number	Effective Date	Name of Company	Domiciliary Jurisdiction	Type of Reinsurance Ceded	Type of Business Ceded	Amount in Force at End of Year	Current Year	Prior Year	Premiums	Current Year	Prior Year	Modified Coinsurance Reserve	Funds Withheld Under Coinsurance
0399999. Total General Account - authorized U.S. affiliates														
0699999. Total General Account - authorized non-U.S. affiliates														
0799999. Total General Account - authorized affiliates														
82627	06-0839705	01/01/1990	Swiss Re Life and Health America, Inc.	MO	YRT/I	XXXL	3,276,000	32,942	51,692	26,724				
97071	13-3126819	01/19/2005	SCOR Global Life USA Reinsurance Company	DE	CO/I	XXXL	204,620,374	9,350,954	9,309,331	566,713				
97071	13-3126819	04/01/2009	SCOR Global Life USA Reinsurance Company	DE	CO/I	XXXL	1,105,955,157	43,496,028	40,645,604	1,780,305				
97071	13-3126819	01/01/2010	SCOR Global Life USA Reinsurance Company	DE	CO/I	XXXL	3,704,476,228	84,723,213	85,935,695	5,777,650				
97071	13-3126819	02/12/2018	SCOR Global Life USA Reinsurance Company	DE	YRT/I	XXXL	1,049,634,491	1,454,344	1,381,030	861,717				
88340	59-2859797	01/01/2010	Hannover Life Reassurance Company of America	FL	CO/I	XXXL	1,011,537,312	40,115,228	37,216,366	1,613,684				
88340	59-2859797	07/01/2013	Hannover Life Reassurance Company of America	FL	YRT/I	XXXL	16,019,220	60,180	70,357	32,538				
66346	58-0828824	08/15/2005	Munich American Reassurance Company	GA	YRT/I	XXXL	27,490,860	186,347	188,569	117,629				
66346	58-0828824	08/15/2005	Munich American Reassurance Company	GA	CO/I	XXXL	10,145,968	69,304	82,047	190,843				
66346	58-0828824	07/01/2009	Munich American Reassurance Company	GA	CO/I	XXXL	739,375	11,851	26,682	(63,393)				
66346	58-0828824	02/10/2018	Munich American Reassurance Company	GA	YRT/I	XXXL	349,878,164	484,781	460,343	315,235				
66346	58-0828824	07/01/2013	Munich American Reassurance Company	GA	YRT/I	XXXL	16,019,220	60,180	70,357	36,611				
93572	43-1235868	01/19/2005	RGA Reinsurance Company	MO	CO/I	XXXL	179,073,205	1,511,182	1,557,724	912,476				
93572	43-1235868	02/01/2007	RGA Reinsurance Company	MO	CO/I	XXXL	178,941,630	2,782,970	3,623,071	295,447				
93572	43-1235868	04/16/2009	RGA Reinsurance Company	MO	CO/I	XXXL	141,273,950	4,336,166	4,560,323	43,800				
93572	43-1235868	07/01/2013	RGA Reinsurance Company	MO	YRT/I	XXXL	9,611,532	36,108	42,214	23,731				
88340	59-2859797	01/01/2001	Hannover Life Reassurance Company of America	FL	CO/I	XXXL	196,153,803	1,845,020	1,884,137	1,071,105				
82627	06-0839705	01/01/2001	Swiss Re Life and Health America, Inc.	MO	CO/I	XXXL	67,130,678	590,837	593,764	456,630				
82627	06-0839705	11/01/2002	Swiss Re Life and Health America, Inc.	MO	CO/I	XXXL			1,381,140	(3,544)				
82627	06-0839705	09/12/2006	Swiss Re Life and Health America, Inc.	MO	CO/I	XXXL	1,579,782,634	28,084,506	35,141,966	5,557,057				
82627	06-0839705	01/01/2010	Swiss Re Life and Health America, Inc.	MO	CO/I	XXXL	6,612,790,707	154,398,501	154,322,969	9,727,817				
82627	06-0839705	02/12/2018	Swiss Re Life and Health America, Inc.	MO	YRT/I	XXXL	349,878,165	484,781	460,343	328,838				
97071	13-3126819	01/19/2005	SCOR Global Life USA Reinsurance Company (GR)	DE	CO/I	XXXL	394,971,135	16,785,972	22,137,427	1,464,804				
80659	82-4533188	07/01/2013	The Canada Life Assurance Company (U.S. Branch)	MI	YRT/I	XXXL	9,611,528	36,108	42,214	21,418				
80659	82-4533188	02/01/2017	The Canada Life Assurance Company (U.S. Branch)	MI	YRT/I	AXXX	161,090,124	49,465	47,904	315,861				
80659	82-4533188	02/01/2017	The Canada Life Assurance Company (U.S. Branch)	MI	YRT/I	XXXL	321,730,920	61,505	54,004	319,997				
80659	82-4533188	07/01/2013	The Canada Life Assurance Company (U.S. Branch)	MI	YRT/G	AXXX	328,125	256	229	7,927				
80659	82-4533188	07/01/2013	The Canada Life Assurance Company (U.S. Branch)	MI	YRT/G	XXXL	389,061	450	404	(2,176)				
97071	13-3126819	01/19/2005	SCOR Global Life USA Reinsurance Company	DE	YRT/I	AXXX	151,500	91	108	834				
97071	13-3126819	01/19/2005	SCOR Global Life USA Reinsurance Company	DE	YRT/I	XXXL	4,404,790	2,679	2,317	54,989				
97071	13-3126819	04/01/2009	SCOR Global Life USA Reinsurance Company	DE	YRT/I	AXXX	1,226,025	142	215	2,529				
97071	13-3126819	04/01/2009	SCOR Global Life USA Reinsurance Company	DE	YRT/I	XXXL	1,554,000	143	45	1,374				
97071	13-3126819	01/01/2010	SCOR Global Life USA Reinsurance Company	DE	YRT/I	AXXX	341,010	54	250	2,457				
97071	13-3126819	01/01/2010	SCOR Global Life USA Reinsurance Company	DE	YRT/I	XXXL	3,412,800	460	270	9,268				
97071	13-3126819	02/01/2017	SCOR Global Life USA Reinsurance Company	DE	YRT/I	AXXX	115,203,921	34,235	33,056	239,840				
97071	13-3126819	02/01/2017	SCOR Global Life USA Reinsurance Company	DE	YRT/I	XXXL	122,787,949	27,042	24,284	166,869				
66346	58-0828824	03/01/2006	Munich American Reassurance Company	GA	YRT/I	AXXX	15,082,867	8,768	8,090	57,740				
66346	58-0828824	03/01/2006	Munich American Reassurance Company	GA	YRT/I	XXXL	118,733,029	124,339	120,128	857,632				
66346	58-0828824	10/01/2008	Munich American Reassurance Company	GA	YRT/I	AXXX	242,650,603	73,104	145,364	1,138,018				
66346	58-0828824	10/01/2008	Munich American Reassurance Company	GA	YRT/I	XXXL	1,887,027,577	858,063	722,658	4,741,473				
66346	58-0828824	02/01/2017	Munich American Reassurance Company	GA	YRT/I	AXXX	143,090,889	45,071	42,984	292,198				
66346	58-0828824	02/01/2017	Munich American Reassurance Company	GA	YRT/I	XXXL	353,748,302	86,033	75,355	444,220				
66346	58-0828824	09/28/2015	Munich American Reassurance Company	GA	YRT/G	AXXX	1,998,602	541	496	7,347				
66346	58-0828824	09/28/2015	Munich American Reassurance Company	GA	YRT/G	XXXL	898,438	764	686	5,463				
66346	58-0828824	09/28/2015	Munich American Reassurance Company	GA	YRT/I	AXXX	37,500	4	3	15				
66346	58-0828824	09/28/2015	Munich American Reassurance Company	GA	YRT/I	XXXL	125,000	6	6	30				
93572	43-1235868	01/19/2005	RGA Reinsurance Company	MO	YRT/I	AXXX	375,000	24	23	190				
93572	43-1235868	01/19/2005	RGA Reinsurance Company	MO	YRT/I	XXXL	657,825	786	714	9,564				
93572	43-1235868	02/01/2007	RGA Reinsurance Company	MO	YRT/I	XXXL	1,632,887	252	269	3,963				
93572	43-1235868	04/16/2009	RGA Reinsurance Company	MO	YRT/I	AXXX	657,900	93	170	2,064				
93572	43-1235868	04/16/2009	RGA Reinsurance Company	MO	YRT/I	XXXL	487,250	94		1,149				
93572	43-1235868	02/01/2017	RGA Reinsurance Company	MO	YRT/I	AXXX	214,315,100	66,886	64,545	383,815				
93572	43-1235868	02/01/2017	RGA Reinsurance Company	MO	YRT/I	XXXL	280,382,488	61,621	54,999	327,962				

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Reinsurance Ceded Life Insurance, Annuities, Deposit Funds and Other Liabilities Without Life or Disability Contingencies, and Related Benefits Listed by Reinsuring Company as of December 31, Current Year

1	2	3	4	5	6	7	8	Reserve Credit Taken		11	Outstanding Surplus Relief		14	15
								9	10		12	13		
NAIC Company Code	ID Number	Effective Date	Name of Company	Domiciliary Jurisdiction	Type of Reinsurance Ceded	Type of Business Ceded	Amount in Force at End of Year	Current Year	Prior Year	Premiums	Current Year	Prior Year	Modified Coinsurance Reserve	Funds Withheld Under Coinsurance
93572	43-1235868	05/15/2012	RGA Reinsurance Company	MO	YRT/G	AXXX	29,706,502	24,690	22,624	168,361				
93572	43-1235868	05/15/2012	RGA Reinsurance Company	MO	YRT/G	XXXL	43,041,347	31,068	28,777	202,246				
93572	43-1235868	05/15/2012	RGA Reinsurance Company	MO	YRT/I	AXXX	5,481,250	6,190	8,675	99,205				
93572	43-1235868	05/15/2012	RGA Reinsurance Company	MO	YRT/I	XXXL	15,892,664	12,631	11,426	110,209				
93572	43-1235868	01/01/2013	RGA Reinsurance Company	MO	YRT/G	AXXX	28,028,384	3,736	3,079	21,136				
93572	43-1235868	01/01/2013	RGA Reinsurance Company	MO	YRT/G	XXXL	41,192,047	11,066	9,137	38,290				
93572	43-1235868	01/01/2013	RGA Reinsurance Company	MO	YRT/I	AXXX	5,231,643	859	691	1,634				
93572	43-1235868	01/01/2013	RGA Reinsurance Company	MO	YRT/I	XXXL	12,214,177	4,289	3,520	11,866				
88340	59-2859797	01/01/2002	Hannover Life Reassurance Company of America	FL	YRT/I	XXXL	115,750	87	84	421				
88340	59-2859797	01/01/2001	Hannover Life Reassurance Company of America	FL	YRT/I	AXXX	815,503	483	460	8,409				
88340	59-2859797	01/01/2001	Hannover Life Reassurance Company of America	FL	YRT/I	XXXL	1,945,603	1,178	1,114	40,639				
82627	06-0839705	01/01/2000	Swiss Re Life and Health America, Inc.	MO	YRT/I	AXXX	234,500	175	163	2,665				
82627	06-0839705	01/01/2000	Swiss Re Life and Health America, Inc.	MO	YRT/I	XXXL	132,884,207	204,378	195,103	679,083				
82627	06-0839705	03/01/2006	Swiss Re Life and Health America, Inc.	MO	YRT/I	AXXX	7,083,013	4,311	3,625	23,477				
82627	06-0839705	03/01/2006	Swiss Re Life and Health America, Inc.	MO	YRT/I	XXXL	50,291,034	58,333	55,639	407,262				
82627	06-0839705	12/01/2008	Swiss Re Life and Health America, Inc.	MO	YRT/I	AXXX	128,849,681	39,322	68,181	604,148				
82627	06-0839705	12/01/2008	Swiss Re Life and Health America, Inc.	MO	YRT/I	XXXL	288,442,523	163,983	132,607	1,331,066				
82627	06-0839705	01/19/2005	Swiss Re Life and Health America, Inc.	MO	YRT/I	XXXL	9,824,294	29,140	20,649	99,424				
82627	06-0839705	02/01/2017	Swiss Re Life and Health America, Inc.	MO	YRT/I	XXXL	74,447,849	11,085	9,446	69,970				
82627	06-0839705	11/01/2002	Swiss Re Life and Health America, Inc.	MO	YRT/I	AXXX	10,426,243	5,044	4,610	63,229				
82627	06-0839705	11/01/2002	Swiss Re Life and Health America, Inc.	MO	YRT/I	XXXL	10,865,948	3,100	2,878	135,619				
97071	13-3126819	01/19/2005	SCOR Global Life USA Reinsurance Company (GR)	DE	YRT/I	AXXX	2,588,431	3,823	3,811	40,128				
97071	13-3126819	01/19/2005	SCOR Global Life USA Reinsurance Company (GR)	DE	YRT/I	XXXL	8,600,350	2,722	2,412	36,627				
88340	59-2859797	11/01/2001	Hannover Life Reassurance Company of America	FL	CO/I	XXXL			284,245	(19,302)				
88340	59-2859797	05/15/2012	Hannover Life Reassurance Company of America	FL	YRT/G	AXXX	43,351,971	39,043	35,773	253,990				
88340	59-2859797	05/15/2012	Hannover Life Reassurance Company of America	FL	YRT/G	XXXL	35,550,716	17,737	16,935	129,362				
88340	59-2859797	05/15/2012	Hannover Life Reassurance Company of America	FL	YRT/I	AXXX	5,543,750	6,197	8,682	106,364				
88340	59-2859797	05/15/2012	Hannover Life Reassurance Company of America	FL	YRT/I	XXXL	16,017,650	12,638	11,432	111,843				
88340	59-2859797	01/01/2013	Hannover Life Reassurance Company of America	FL	YRT/G	AXXX	16,817,034	2,242	1,848	13,684				
88340	59-2859797	01/01/2013	Hannover Life Reassurance Company of America	FL	YRT/G	XXXL	20,155,232	6,207	5,129	22,193				
88340	59-2859797	01/01/2013	Hannover Life Reassurance Company of America	FL	YRT/I	AXXX	3,138,986	515	415	1,019				
88340	59-2859797	01/01/2013	Hannover Life Reassurance Company of America	FL	YRT/I	XXXL	7,328,508	2,573	2,112	10,119				
88340	59-2859797	11/01/2001	Hannover Life Reassurance Company of America	FL	YRT/I	AXXX	56,841,047	25,688	24,684	483,600				
88340	59-2859797	11/01/2001	Hannover Life Reassurance Company of America	FL	YRT/I	XXXL	32,525,940	21,817	18,336	489,724				
0899999. General Account - authorized U.S. non-affiliates							22,359,006,595	393,196,824	403,583,243	46,346,157				
1099999. Total General Account - authorized non-affiliates							22,359,006,595	393,196,824	403,583,243	46,346,157				
1199999. Total General Account authorized							22,359,006,595	393,196,824	403,583,243	46,346,157				
1499999. Total General Account - unauthorized U.S. affiliates														
1799999. Total General Account - unauthorized non-U.S. affiliates														
1899999. Total General Account - unauthorized affiliates														
64688	75-6020048	11/01/2001	SCOR Global Life Americas Reinsurance Company	DE	CO/I	XXXL	176,034,713	1,711,954	2,214,439	833,843				
93580	84-0849721	07/01/2013	M Life Insurance Company	CO	YRT/I	XXXL	1,361,018,483	5,008,104	5,542,952	2,208,674				
88099	75-1608507	07/01/2013	Optimum Re Insurance Company	TX	YRT/I	XXXL	12,815,375	48,144	56,285	25,673				
65676	35-0472300	01/01/2000	The Lincoln National Life Insurance Company	IN	YRT/I	XXXL	66,980,552	113,686	113,222	451,350				
93580	84-0849721	05/01/2012	M Life Insurance Company	CO	MCO/G	AXXX	835,842,950			12,461,082			29,911,801	
93580	84-0849721	05/01/2012	M Life Insurance Company	CO	MCO/G	XXXL	745,031,028						90,514,349	
93580	84-0849721	05/01/2012	M Life Insurance Company	CO	MCO/I	AXXX	226,438,922			5,487,986			16,586,679	
93580	84-0849721	05/01/2012	M Life Insurance Company	CO	MCO/I	XXXL	309,563,681						37,706,633	
93580	84-0849721	01/01/2013	M Life Insurance Company	CO	MCO/G	AXXX	393,173,670			5,070,901			6,856,540	
93580	84-0849721	01/01/2013	M Life Insurance Company	CO	MCO/G	XXXL	560,284,852						49,778,164	
93580	84-0849721	01/01/2013	M Life Insurance Company	CO	MCO/I	AXXX	87,146,214			1,811,032			1,414,026	
93580	84-0849721	01/01/2013	M Life Insurance Company	CO	MCO/I	XXXL	203,013,058						18,293,607	
88099	75-1608507	01/01/2013	Optimum Re Insurance Company	TX	YRT/G	AXXX	27,660,196	5,125	4,270	54,407				
88099	75-1608507	01/01/2013	Optimum Re Insurance Company	TX	YRT/G	XXXL	34,792,364	9,343	7,839	50,065				
88099	75-1608507	01/01/2013	Optimum Re Insurance Company	TX	YRT/I	AXXX	8,185,313	715	574	1,816				
88099	75-1608507	01/01/2013	Optimum Re Insurance Company	TX	YRT/I	XXXL	15,021,332	12,529	10,336	46,158				

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Reinsurance Ceded Life Insurance, Annuities, Deposit Funds and Other Liabilities Without Life or Disability Contingencies, and Related Benefits Listed by Reinsuring Company as of December 31, Current Year

1	2	3	4	5	6	7	8	Reserve Credit Taken		11	Outstanding Surplus Relief		14	15
								9	10		12	13		
NAIC Company Code	ID Number	Effective Date	Name of Company	Domiciliary Jurisdiction	Type of Reinsurance Ceded	Type of Business Ceded	Amount in Force at End of Year	Current Year	Prior Year	Premiums	Current Year	Prior Year	Modified Coinsurance Reserve	Funds Withheld Under Coinsurance
64688	75-6020048	11/01/2001	SCOR Global Life Americas Reinsurance Company	DE	YRT/I	AXXX	17,005,329	7,745	7,439	96,583				
64688	75-6020048	11/01/2001	SCOR Global Life Americas Reinsurance Company	DE	YRT/I	XXXL	10,806,597	6,313	5,417	129,723				
69019	93-0242990	10/01/2002	Standard Insurance Company	OR	CO/G	OL	10,911,796	5,676,770	6,332,864					
1999999. General Account - unauthorized U.S. non-affiliates							5,101,726,425	12,600,428	14,295,637	28,729,293			251,061,799	
2199999. Total General Account - unauthorized non-affiliates							5,101,726,425	12,600,428	14,295,637	28,729,293			251,061,799	
2299999. Total General Account unauthorized							5,101,726,425	12,600,428	14,295,637	28,729,293			251,061,799	
2599999. Total General Account - certified U.S. affiliates														
2899999. Total General Account - certified non-U.S. affiliates														
2999999. Total General Account - certified affiliates														
3299999. Total General Account - certified non-affiliates														
3399999. Total General Account certified														
3699999. Total General Account - reciprocal jurisdiction U.S. affiliates														
3999999. Total General Account - reciprocal jurisdiction non-U.S. affiliates														
4099999. Total General Account - reciprocal jurisdiction affiliates														
4399999. Total General Account - reciprocal jurisdiction non-affiliates														
4499999. Total General Account reciprocal jurisdiction														
4599999. Total General Account authorized, unauthorized, reciprocal jurisdiction and certified							27,460,733,020	405,797,252	417,878,880	75,075,450			251,061,799	
4899999. Total Separate Accounts - authorized U.S. affiliates														
5199999. Total Separate Accounts - authorized non-U.S. affiliates														
5299999. Total Separate Accounts - authorized affiliates														
5599999. Total Separate Accounts - authorized non-affiliates														
5699999. Total Separate Accounts authorized														
5999999. Total Separate Accounts - unauthorized U.S. affiliates														
6299999. Total Separate Accounts - unauthorized non-U.S. affiliates														
6399999. Total Separate Accounts - unauthorized affiliates														
93580	84-0849721	05/01/2012	M Life Insurance Company	CO	MCO/G	AXXX							88,005,224	
93580	84-0849721	05/01/2012	M Life Insurance Company	CO	MCO/I	AXXX							24,098,634	
93580	84-0849721	01/01/2013	M Life Insurance Company	CO	MCO/G	AXXX							35,087,841	
93580	84-0849721	01/01/2013	M Life Insurance Company	CO	MCO/I	AXXX							7,546,478	
6499999. Separate Accounts - unauthorized U.S. non-affiliates													154,738,177	
6699999. Total Separate Accounts - unauthorized non-affiliates													154,738,177	
6799999. Total Separate Accounts unauthorized													154,738,177	
7099999. Total Separate Accounts - certified U.S. affiliates														
7399999. Total Separate Accounts - certified non-U.S. affiliates														
7499999. Total Separate Accounts - certified affiliates														
7799999. Total Separate Accounts - certified non-affiliates														
7899999. Total Separate Accounts certified														
8199999. Total Separate Accounts - reciprocal jurisdiction U.S. affiliates														
8499999. Total Separate Accounts - reciprocal jurisdiction non-U.S. affiliates														
8599999. Total Separate Accounts - reciprocal jurisdiction affiliates														
8899999. Total Separate Accounts - reciprocal jurisdiction non-affiliates														
8999999. Total Separate Accounts reciprocal jurisdiction														
9099999. Total Separate Accounts authorized, unauthorized, reciprocal jurisdiction and certified													154,738,177	
9199999. Total U.S. (Sum of 0399999, 0899999, 1499999, 1999999, 2599999, 3099999, 3699999, 4199999, 4899999, 5399999, 5999999, 6499999, 7099999, 7599999, 8199999 and 8699999)							27,460,733,020	405,797,252	417,878,880	75,075,450			405,799,976	
9299999. Total non-U.S. (Sum of 0699999, 0999999, 1799999, 2099999, 2899999, 3199999, 3999999, 4299999, 5199999, 5499999, 6299999, 6599999, 7399999, 7699999, 8499999 and 8799999)														
9999999 - Totals							27,460,733,020	405,797,252	417,878,880	75,075,450			405,799,976	

SCHEDULE S - PART 3 - SECTION 2

Reinsurance Ceded Accident and Health Insurance Listed by Reinsuring Company as of December 31, Current Year

1	2	3	4	5	6	7	8	9	10	Outstanding Surplus Relief		13	14
										11	12		
NAIC Company Code	ID Number	Effective Date	Name of Company	Domiciliary Jurisdiction	Type of Reinsurance Ceded	Type of Business Ceded	Premiums	Unearned Premiums (Estimated)	Reserve Credit Taken Other than for Unearned Premiums	Current Year	Prior Year	Modified Coinsurance Reserve	Funds Withheld Under Coinsurance
0399999. Total General Account - authorized U.S. affiliates													
0699999. Total General Account - authorized non-U.S. affiliates													
0799999. Total General Account - authorized affiliates													
65978	13-5581829	05/01/2014	MetLife, Inc	NY	OTH/I	LTC	9,393,182		361,371,680				
65978	13-5581829	05/01/2014	MetLife, Inc	NY	OTH/G	LTC	281,366		6,756,704				
65978	13-5581829	05/01/2014	MetLife, Inc	NY	OTH/I	LTC	6,534,525		187,357,781				
0899999. General Account - authorized U.S. non-affiliates							16,209,073		555,486,165				
1099999. Total General Account - authorized non-affiliates							16,209,073		555,486,165				
1199999. Total General Account authorized							16,209,073		555,486,165				
1499999. Total General Account - unauthorized U.S. affiliates													
1799999. Total General Account - unauthorized non-U.S. affiliates													
1899999. Total General Account - unauthorized affiliates													
69019	93-0242990	10/01/2002	Standard Insurance Company	OR	OTH/G	LTDI			29,868,941				
1999999. General Account - unauthorized U.S. non-affiliates									29,868,941				
2199999. Total General Account - unauthorized non-affiliates									29,868,941				
2299999. Total General Account unauthorized									29,868,941				
2599999. Total General Account - certified U.S. affiliates													
2899999. Total General Account - certified non-U.S. affiliates													
2999999. Total General Account - certified affiliates													
3299999. Total General Account - certified non-affiliates													
3399999. Total General Account certified													
3699999. Total General Account - reciprocal jurisdiction U.S. affiliates													
3999999. Total General Account - reciprocal jurisdiction non-U.S. affiliates													
4099999. Total General Account - reciprocal jurisdiction affiliates													
4399999. Total General Account - reciprocal jurisdiction non-affiliates													
4499999. Total General Account reciprocal jurisdiction													
4599999. Total General Account authorized, unauthorized, reciprocal jurisdiction and certified							16,209,073		585,355,106				
4899999. Total Separate Accounts - authorized U.S. affiliates													
5199999. Total Separate Accounts - authorized non-U.S. affiliates													
5299999. Total Separate Accounts - authorized affiliates													
5599999. Total Separate Accounts - authorized non-affiliates													
5699999. Total Separate Accounts authorized													
5999999. Total Separate Accounts - unauthorized U.S. affiliates													
6299999. Total Separate Accounts - unauthorized non-U.S. affiliates													
6399999. Total Separate Accounts - unauthorized affiliates													
6699999. Total Separate Accounts - unauthorized non-affiliates													
6799999. Total Separate Accounts unauthorized													
7099999. Total Separate Accounts - certified U.S. affiliates													
7399999. Total Separate Accounts - certified non-U.S. affiliates													
7499999. Total Separate Accounts - certified affiliates													
7799999. Total Separate Accounts - certified non-affiliates													
7899999. Total Separate Accounts certified													
8199999. Total Separate Accounts - reciprocal jurisdiction U.S. affiliates													
8499999. Total Separate Accounts - reciprocal jurisdiction non-U.S. affiliates													
8599999. Total Separate Accounts - reciprocal jurisdiction affiliates													
8899999. Total Separate Accounts - reciprocal jurisdiction non-affiliates													
8999999. Total Separate Accounts reciprocal jurisdiction													
9099999. Total Separate Accounts authorized, unauthorized, reciprocal jurisdiction and certified													
9199999. Total U.S. (Sum of 0399999, 0899999, 1499999, 1999999, 2599999, 3099999, 3699999, 4199999, 4899999, 5399999, 5999999, 6499999, 7099999, 7599999, 8199999 and 8699999)							16,209,073		585,355,106				
9299999. Total non-U.S. (Sum of 0699999, 0999999, 1799999, 2099999, 2899999, 3199999, 3999999, 4299999, 5199999, 5499999, 6299999, 6599999, 7399999, 7699999, 8499999 and 8799999)													
9999999 - Totals							16,209,073		585,355,106				

SCHEDULE S - PART 4

Reinsurance Ceded to Unauthorized Companies

1 NAIC Company Code	2 ID Number	3 Effective Date	4 Name of Reinsurer	5 Reserve Credit Taken	6 Paid and Unpaid Losses Recoverable (Debit)	7 Other Debits	8 Total (Cols.5+6+7)	9 Letters of Credit	10 Issuing or Confirming Bank Reference Number (a)	11 Trust Agreements	12 Funds Deposited by and Withheld from Reinsurers	13 Other	14 Miscellaneous Balances (Credit)	15 Sum of Cols. 9+11+12+13 +14 but not in Excess of Col. 8
0399999. Total General Account - life and annuity U.S. affiliates									XXX					
0699999. Total General Account - life and annuity non-U.S. affiliates									XXX					
0799999. Total General Account - life and annuity affiliates									XXX					
...65676	..35-0472300	01/01/2000	Lincoln National Reassurance Company	113,686	256,274		369,960	216,735	0002				39,327	256,062
...93580	..84-0849721	07/01/2013	M Life Insurance Company	5,008,104	15,439,962	5,865,970	26,314,036						14,592,370	14,592,370
...64688	..75-6020048	11/20/2001	SCOR Global Life Americas Reinsurance Company	1,726,012	538,326		2,264,338			25,102,246			111,486	2,264,338
...88099	..75-1608507	07/01/2013	Optimum Re	75,855	40,952		116,807						6,536	6,536
...69019	..93-0242990	10/01/2002	Standard Insurance Company	5,676,770			5,676,770			5,966,308				5,676,770
0899999. General Account - life and annuity U.S. non-affiliates				12,600,427	16,275,514	5,865,970	34,741,911	216,735	XXX	31,068,554			14,749,719	22,796,076
1099999. Total General Account - life and annuity non-affiliates				12,600,427	16,275,514	5,865,970	34,741,911	216,735	XXX	31,068,554			14,749,719	22,796,076
1199999. Total General Account life and annuity				12,600,427	16,275,514	5,865,970	34,741,911	216,735	XXX	31,068,554			14,749,719	22,796,076
1499999. Total General Account - accident and health U.S. affiliates									XXX					
1799999. Total General Account - accident and health non-U.S. affiliates									XXX					
1899999. Total General Account - accident and health affiliates									XXX					
...69019	..93-0242990	10/01/2002	Standard Insurance Company	29,868,941	12,500		29,881,441			31,405,513				29,881,441
1999999. General Account - accident and health U.S. non-affiliates				29,868,941	12,500		29,881,441		XXX	31,405,513				29,881,441
2199999. Total General Account - accident and health non-affiliates				29,868,941	12,500		29,881,441		XXX	31,405,513				29,881,441
2299999. Total General Account accident and health				29,868,941	12,500		29,881,441		XXX	31,405,513				29,881,441
2399999. Total General Account				42,469,368	16,288,014	5,865,970	64,623,352	216,735	XXX	62,474,067			14,749,719	52,677,517
2699999. Total Separate Accounts - U.S. affiliates									XXX					
2999999. Total Separate Accounts - non-U.S. affiliates									XXX					
3099999. Total Separate Accounts - affiliates									XXX					
3399999. Total Separate Accounts - non-affiliates									XXX					
3499999. Total Separate Accounts									XXX					
3599999. Total U.S. (Sum of 0399999, 0899999, 1499999, 1999999, 2699999 and 3199999)				42,469,368	16,288,014	5,865,970	64,623,352	216,735	XXX	62,474,067			14,749,719	52,677,517
3699999. Total non-U.S. (Sum of 0699999, 0999999, 1799999, 2099999, 2999999 and 3299999)									XXX					
9999999 - Totals				42,469,368	16,288,014	5,865,970	64,623,352	216,735	XXX	62,474,067			14,749,719	52,677,517

(a)

Issuing or Confirming Bank Reference Number	Letters of Credit Code	American Bankers Association (ABA) Routing Number	Issuing or Confirming Bank Name	Letters of Credit Amount
0002	2	026009593	Bank of America, N.A.	216,735

SCHEDULE S - PART 5

Reinsurance Ceded to Certified Reinsurers as of December 31, Current Year ($000 Omitted)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Collateral							23	24	25	26
															16	17	18	19	20	21	22				
NAIC Company Code	ID Number	Effective Date	Name of Reinsurer	Domiciliary Jurisdiction	Certified Reinsurer Rating (1 through 6)	Effective Date of Certified Reinsurer Rating	Percent Collateral Required for Full Credit (0% - 100%)	Reserve Credit Taken	Paid and Unpaid Losses Recoverable (Debit)	Other Debits	Total Recoverable/ Reserve Credit Taken (Col. 9 + 10 + 11)	Miscellaneous Balances (Credit)	Net Obligation Subject to Collateral (Col. 12 - 13)	Dollar Amount of Collateral Required for Full Credit (Col. 14 Times Col. 8)	Multiple Beneficiary Trust	Letters of Credit	Issuing or Confirming Bank Reference Number (a)	Trust Agreements	Funds Deposited by and Withheld from Reinsurers	Other	Total Collateral Provided (Col. 16 + 17 + 19 + 20 + 21)	Percent of Collateral Provided for Net Obligation Subject to Collateral (Col. 22 / Col. 14)	Percent Credit Allowed on Net Obligation Subject to Collateral (Col. 23 / Col. 8, not to Exceed 100%)	Amount of Credit Allowed for Net Obligation Subject to Collateral (Col. 14 x Col. 24)	Liability for Reinsurance with Certified Reinsurers Due to Collateral Deficiency (Col. 14 - Col. 25)
9999999 - Totals																	XXX					XXX	XXX		

NONE

(a)

Issuing or Confirming Bank Reference Number	Letters of Credit Code	American Bankers Association (ABA) Routing Number	Issuing or Confirming Bank Name	Letters of Credit Amount

NONE

SCHEDULE S - PART 6

Five Year Exhibit of Reinsurance Ceded Business
($000 Omitted)

		1 2025	2 2024	3 2023	4 2022	5 2021
	A. OPERATIONS ITEMS					
1.	Premiums and annuity considerations for life and accident and health contracts	91,285	89,854	92,354	98,209	101,713
2.	Commissions and reinsurance expense allowances	6,710	5,670	6,249	7,410	9,732
3.	Contract claims	92,527	96,739	104,959	84,893	89,369
4.	Surrender benefits and withdrawals for life contracts	4,330	6,274	25,512	12,854	11,639
5.	Dividends to policyholders and refunds to members					
6.	Reserve adjustments on reinsurance ceded	(7,043)	(5,221)	(27,409)	(11,453)	(7,468)
7.	Increase in aggregate reserve for life and accident and health contracts	39,445	23,962	(73,314)	(10,785)	(1,678)
	B. BALANCE SHEET ITEMS					
8.	Premiums and annuity considerations for life and accident and health contracts deferred and uncollected	2	(1)	1	(1)	(1)
9.	Aggregate reserves for life and accident and health contracts	991,152	1,030,597	1,054,559	899,457	932,009
10.	Liability for deposit-type contracts					
11.	Contract claims unpaid	18,819	17,601	17,224	12,821	17,818
12.	Amounts recoverable on reinsurance	12,164	2,819	4,923	7,186	10,736
13.	Experience rating refunds due or unpaid					
14.	Policyholders' dividends and refunds to members (not included in Line 10)					
15.	Commissions and reinsurance expense allowances due	10	(389)	(624)	(442)	300
16.	Unauthorized reinsurance offset	11,946	5,713	5,628	6,990	12,251
17.	Offset for reinsurance with certified reinsurers					
	C. UNAUTHORIZED REINSURANCE (DEPOSITS BY AND FUNDS WITHHELD FROM)					
18.	Funds deposited by and withheld from (F)					
19.	Letters of credit (L)	217	217	217	217	217
20.	Trust agreements (T)	62,474	64,968	80,501	93,964	113,031
21.	Other (O)					
	D. REINSURANCE WITH CERTIFIED REINSURERS (DEPOSITS BY AND FUNDS WITHHELD FROM)					
22.	Multiple Beneficiary Trust					
23.	Funds deposited by and withheld from (F)					
24.	Letters of credit (L)					
25.	Trust agreements (T)					
26.	Other (O)					

SCHEDULE S - PART 7

Restatement of Balance Sheet to Identify Net Credit for Ceded Reinsurance

		1 As Reported (net of ceded)	2 Restatement Adjustments	3 Restated (gross of ceded)
	ASSETS (Page 2, Col. 3)			
1.	Cash and invested assets (Line 12)	316,283,874,417		316,283,874,417
2.	Reinsurance (Line 16)	13,223,059	(13,223,059)	
3.	Premiums and considerations (Line 15)	42,043,293	2,238	42,045,530
4.	Net credit for ceded reinsurance	XXX	995,687,955	995,687,955
5.	All other admitted assets (balance)	5,888,834,966		5,888,834,966
6.	Total assets excluding Separate Accounts (Line 26)	322,227,975,734	982,467,134	323,210,442,868
7.	Separate Account assets (Line 27)	58,134,110,416		58,134,110,416
8.	Total assets (Line 28)	380,362,086,151	982,467,134	381,344,553,285
	LIABILITIES, CAPITAL AND SURPLUS (Page 3)			
9.	Contract reserves (Lines 1 and 2)	242,904,908,203	991,152,358	243,896,060,561
10.	Liability for deposit-type contracts (Line 3)	19,023,286,033		19,023,286,033
11.	Claim reserves (Line 4)	1,310,448,841	18,819,342	1,329,268,183
12.	Policyholder dividends/member refunds/reserves (Lines 5 through 7)	2,312,254,825		2,312,254,825
13.	Premium & annuity considerations received in advance (Line 8)	302,851		302,851
14.	Other contract liabilities (Line 9)	1,209,041,217	(15,558,731)	1,193,482,486
15.	Reinsurance in unauthorized companies (Line 24.02 minus inset amount)	11,945,835	(11,945,835)	
16.	Funds held under reinsurance treaties with unauthorized reinsurers (Line 24.03 minus inset amount)			
17.	Reinsurance with certified reinsurers (Line 24.02 inset amount)			
18.	Funds held under reinsurance treaties with certified reinsurers (Line 24.03 inset amount)			
19.	All other liabilities (balance)	14,915,299,459		14,915,299,459
20.	Total liabilities excluding Separate Accounts (Line 26)	281,687,487,264	982,467,134	282,669,954,398
21.	Separate Account liabilities (Line 27)	57,001,711,716		57,001,711,716
22.	Total liabilities (Line 28)	338,689,198,980	982,467,134	339,671,666,114
23.	Capital & surplus (Line 38)	41,672,887,170	XXX	41,672,887,170
24.	Total liabilities, capital & surplus (Line 39)	380,362,086,151	982,467,134	381,344,553,285

	NET CREDIT FOR CEDED REINSURANCE	
25.	Contract reserves	991,152,358
26.	Claim reserves	18,819,342
27.	Policyholder dividends/reserves	
28.	Premium & annuity considerations received in advance	
29.	Liability for deposit-type contracts	
30.	Other contract liabilities	(15,558,731)
31.	Reinsurance ceded assets	13,223,059
32.	Other ceded reinsurance recoverables	
33.	Total ceded reinsurance recoverables	1,007,636,028
34.	Premiums and considerations	2,238
35.	Reinsurance in unauthorized companies	11,945,835
36.	Funds held under reinsurance treaties with unauthorized reinsurers	
37.	Reinsurance with certified reinsurers	
38.	Funds held under reinsurance treaties with certified reinsurers	
39.	Other ceded reinsurance payables/offsets	
40.	Total ceded reinsurance payable/offsets	11,948,073
41.	Total net credit for ceded reinsurance	995,687,955

SCHEDULE S - PART 8

REINSURANCE AGREEMENTS WITH FUNDS WITHHELD AND MODIFIED COINSURANCE AS OF DECEMBER 31, CURRENT YEAR

	Ceded General Account Assets		Ceded Guaranteed Separate Account Assets		Total Ceded Assets		Assumed General Account Assets		Assumed Guaranteed Separate Account Assets		Total Assumed Assets	
	1 FWH B/ACV	2 Modco B/ACV	3 FWH B/ACV	4 Modco B/ACV	5 FWH B/ACV Col 1+3	6 Modco B/ACV Col 2+4	7 FWH B/ACV	8 Modco B/ACV	9 FWH B/ACV	10 Modco B/ACV	11 FWH B/ACV Col 7+9	12 Modco B/ACV Col 8+10
LONG-TERM BONDS												
1. Exempt obligations		753,576				753,576						
2.1 NAIC Designation Category 1.A		7,693,953				7,693,953						
2.2 NAIC Designation Category 1.B		5,464,143				5,464,143						
2.3 NAIC Designation Category 1.C		7,377,624				7,377,624						
2.4 NAIC Designation Category 1.D		22,068,218				22,068,218						
2.5 NAIC Designation Category 1.E		19,574,752				19,574,752						
2.6 NAIC Designation Category 1.F		62,335,839				62,335,839						
2.7 NAIC Designation Category 1.G		49,810,551				49,810,551						
2.8 Subtotal NAIC 1 (2.1+2.2+2.3+2.4+2.5+2.6+2.7)		174,325,080				174,325,080						
3.1 NAIC Designation Category 2.A		39,611,654				39,611,654						
3.2 NAIC Designation Category 2.B		32,062,220				32,062,220						
3.3 NAIC Designation Category 2.C		2,545,437				2,545,437						
3.4 Subtotal NAIC 2 (3.1+3.2+3.3)		74,219,311				74,219,311						
4.1 NAIC Designation Category 3.A												
4.2 NAIC Designation Category 3.B												
4.3 NAIC Designation Category 3.C												
4.4 Subtotal NAIC 3 (4.1+4.2+4.3)												
5.1 NAIC Designation Category 4.A												
5.2 NAIC Designation Category 4.B												
5.3 NAIC Designation Category 4.C												
5.4 Subtotal NAIC 4 (5.1+5.2+5.3)												
6.1 NAIC Designation Category 5.A												
6.2 NAIC Designation Category 5.B												
6.3 NAIC Designation Category 5.C												
6.4 Subtotal NAIC 5 (6.1+6.2+6.3)												
7. NAIC 6												
8. Total long-term bonds (Sum of Lines 1+2.8+3.4+4.4+5.4+6.4+7)		249,297,967				249,297,967						
PREFERRED STOCKS												
9. Highest quality												
10. High quality		1,763,832				1,763,832						
11. Medium quality												
12. Low quality												
13. Lower quality												
14. In or near default												
15. Affiliated life with AVR												
16. Total preferred stocks (Sum of Lines 9 through 15)		1,763,832				1,763,832						

SCHEDULE S - PART 8

REINSURANCE AGREEMENTS WITH FUNDS WITHHELD AND MODIFIED COINSURANCE AS OF DECEMBER 31, CURRENT YEAR

	Ceded General Account Assets		Ceded Guaranteed Separate Account Assets		Total Ceded Assets		Assumed General Account Assets		Assumed Guaranteed Separate Account Assets		Total Assumed Assets	
	1 FWH B/ACV	2 Modco B/ACV	3 FWH B/ACV	4 Modco B/ACV	5 FWH B/ACV Col 1+3	6 Modco B/ACV Col 2+4	7 FWH B/ACV	8 Modco B/ACV	9 FWH B/ACV	10 Modco B/ACV	11 FWH B/ACV Col 7+9	12 Modco B/ACV Col 8+10
SHORT-TERM BONDS												
17. Exempt obligations												
18.1 NAIC Designation Category 1.A												
18.2 NAIC Designation Category 1.B												
18.3 NAIC Designation Category 1.C												
18.4 NAIC Designation Category 1.D												
18.5 NAIC Designation Category 1.E												
18.6 NAIC Designation Category 1.F												
18.7 NAIC Designation Category 1.G												
18.8 Subtotal NAIC 1 (18.1+18.2+18.3+18.4+18.5+18.6+18.7)												
19.1 NAIC Designation Category 2.A												
19.2 NAIC Designation Category 2.B												
19.3 NAIC Designation Category 2.C												
19.4 Subtotal NAIC 2 (19.1+19.2+19.3)												
20.1 NAIC Designation Category 3.A												
20.2 NAIC Designation Category 3.B												
20.3 NAIC Designation Category 3.C												
20.4 Subtotal NAIC 3 (20.1+20.2+20.3)												
21.1 NAIC Designation Category 4.A												
21.2 NAIC Designation Category 4.B												
21.3 NAIC Designation Category 4.C												
21.4 Subtotal NAIC 4 (21.1+21.2+21.3)												
22.1 NAIC Designation Category 5.A												
22.2 NAIC Designation Category 5.B												
22.3 NAIC Designation Category 5.C												
22.4 Subtotal NAIC 5 (22.1+22.2+22.3)												
23. NAIC 6												
24. Total short-term bonds (17+18.8+19.4+20.4+21.4+22.4+23)												
DERIVATIVE INSTRUMENTS												
25. Exchange traded												
26. Highest quality												
27. High quality												
28. Medium quality												
29. Low quality												
30. Lower quality												
31. In or near default												
32. Total derivative instruments												
33. Total (Lines 8+16+24+32)		251,061,799				251,061,799						

SCHEDULE S - PART 8

REINSURANCE AGREEMENTS WITH FUNDS WITHHELD AND MODIFIED COINSURANCE AS OF DECEMBER 31, CURRENT YEAR

		Ceded General Account Assets		Ceded Guaranteed Separate Account Assets		Total Ceded Assets		Assumed General Account Assets		Assumed Guaranteed Separate Account Assets		Total Assumed Assets	
		1 FWH B/ACV	2 Modco B/ACV	3 FWH B/ACV	4 Modco B/ACV	5 FWH B/ACV Col 1+3	6 Modco B/ACV Col 2+4	7 FWH B/ACV	8 Modco B/ACV	9 FWH B/ACV	10 Modco B/ACV	11 FWH B/ACV Col 7+9	12 Modco B/ACV Col 8+10
	MORTGAGE LOANS												
	In Good Standing:												
34.	Farm mortgages - CM1 - highest quality												
35.	Farm mortgages - CM2 - high quality												
36.	Farm mortgages - CM3 - medium quality												
37.	Farm mortgages - CM4 - low medium quality												
38.	Farm mortgages - CM5 - low quality												
39.	Residential mortgages - insured or guaranteed												
40.	Residential mortgages - all other												
41.	Commercial mortgages - insured or guaranteed												
42.	Commercial mortgages - all other - CM1 - highest quality.												
43.	Commercial mortgages - all other - CM2 - high quality												
44.	Commercial mortgages - all other - CM3 - medium quality												
45.	Commercial mortgages - all other - CM4 - low medium quality												
46.	Commercial mortgages - all other - CM5 - low quality												
	Overdue, Not in Process:												
47.	Farm mortgages												
48.	Residential mortgages - insured or guaranteed												
49.	Residential mortgages - all other												
50.	Commercial mortgages - insured or guaranteed												
51.	Commercial mortgages - all other												
	In Process of Foreclosure:												
52.	Farm mortgages												
53.	Residential mortgages - insured or guaranteed												
54.	Residential mortgages - all other												
55.	Commercial mortgages - insured or guaranteed												
56.	Commercial mortgages - all other												
57.	Total Schedule B mortgages (Sum of Lines 34 through 56)												
	COMMON STOCK												
58.	Unaffiliated public												
59.	Unaffiliated private												
60.	Federal Home Loan Bank												
61.	Affiliated life with AVR												
	Affiliated Investment Subsidiary:												
62.	Fixed income exempt obligations												
63.	Fixed income highest quality												
64.	Fixed income high quality												
65.	Fixed income medium quality												
66.	Fixed income low quality												
67.	Fixed income lower quality												
68.	Fixed income in or near default												
69.	Unaffiliated common stock public												
70.	Unaffiliated common stock private												
71.	Real estate												
72.	Affiliated-certain other (See SVO Purposes & Procedures Manual)												
73.	Affiliated - all other												
74.	Total common stock (Sum of Lines 58 through 73)												

SCHEDULE S - PART 8

REINSURANCE AGREEMENTS WITH FUNDS WITHHELD AND MODIFIED COINSURANCE AS OF DECEMBER 31, CURRENT YEAR

	Ceded General Account Assets		Ceded Guaranteed Separate Account Assets		Total Ceded Assets		Assumed General Account Assets		Assumed Guaranteed Separate Account Assets		Total Assumed Assets	
	1 FWH B/ACV	2 Modco B/ACV	3 FWH B/ACV	4 Modco B/ACV	5 FWH B/ACV Col 1+3	6 Modco B/ACV Col 2+4	7 FWH B/ACV	8 Modco B/ACV	9 FWH B/ACV	10 Modco B/ACV	11 FWH B/ACV Col 7+9	12 Modco B/ACV Col 8+10
REAL ESTATE												
75. Home office property (General Account only)												
76. Investment properties												
77. Properties acquired in satisfaction of debt												
78. Total real estate (Sum of Lines 75 through 77)												
OTHER INVESTED ASSETS INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF BONDS												
79. Exempt obligations												
80. Highest quality												
81. High quality												
82. Medium quality												
83. Low quality												
84. Lower quality												
85. In or near default												
86. Total with bond characteristics (Sum of Lines 79 through 85)												
INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF PREFERRED STOCKS												
87. Highest quality												
88. High quality												
89. Medium quality												
90. Low quality												
91. Lower quality												
92. In or near default												
93. Affiliated life with AVR												
94. Total with preferred stock characteristics (Sum of Lines 87 through 93)												

SCHEDULE S - PART 8

REINSURANCE AGREEMENTS WITH FUNDS WITHHELD AND MODIFIED COINSURANCE AS OF DECEMBER 31, CURRENT YEAR

	Ceded General Account Assets		Ceded Guaranteed Separate Account Assets		Total Ceded Assets		Assumed General Account Assets		Assumed Guaranteed Separate Account Assets		Total Assumed Assets	
	1 FWH B/ACV	2 Modco B/ACV	3 FWH B/ACV	4 Modco B/ACV	5 FWH B/ACV Col 1+3	6 Modco B/ACV Col 2+4	7 FWH B/ACV	8 Modco B/ACV	9 FWH B/ACV	10 Modco B/ACV	11 FWH B/ACV Col 7+9	12 Modco B/ACV Col 8+10
INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF MORTGAGE LOANS												
In Good Standing Affiliated:												
95. Mortgages - CM1 - highest quality												
96. Mortgages - CM2 - high quality												
97. Mortgages - CM3 - medium quality												
98. Mortgages - CM4 - low medium quality												
99. Mortgages - CM5 - low quality												
100. Residential mortgages - insured or guaranteed												
101. Residential mortgages - all other												
102. Commercial mortgages - insured or guaranteed												
Overdue, Not in Process Affiliated:												
103. Farm mortgages												
104. Residential mortgages - insured or guaranteed												
105. Residential mortgages - all other												
106. Commercial mortgages - insured or guaranteed												
107. Commercial mortgages - all other												
In Process of Foreclosure Affiliated:												
108. Farm mortgages												
109. Residential mortgages - insured or guaranteed												
110. Residential mortgages - all other												
111. Commercial mortgages - insured or guaranteed												
112. Commercial mortgages - all other												
113. Total affiliated (Sum of Lines 95 through 112)												
114. Unaffiliated - in good standing with covenants												
115. Unaffiliated - in good standing defeased with government securities												
116. Unaffiliated - in good standing primarily senior												
117. Unaffiliated - in good standing all other												
118. Unaffiliated - overdue, not in process												
119. Unaffiliated - in process of foreclosure												
120. Total unaffiliated (Sum of Lines 114 through 119)												
121. Total with mortgage loan characteristics (Lines 113 + 120)												
INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF COMMON STOCK												
122. Unaffiliated public												
123. Unaffiliated private												
124. Affiliated life with AVR												
125. Affiliated certain other (See SVO Purposes & Procedures Manual)												
126. Affiliated other - all other												
127. Total with common stock characteristics (Sum of Lines 122 through 126)												

SCHEDULE S - PART 8

REINSURANCE AGREEMENTS WITH FUNDS WITHHELD AND MODIFIED COINSURANCE AS OF DECEMBER 31, CURRENT YEAR

	Ceded General Account Assets		Ceded Guaranteed Separate Account Assets		Total Ceded Assets		Assumed General Account Assets		Assumed Guaranteed Separate Account Assets		Total Assumed Assets	
	1 FWH B/ACV	2 Modco B/ACV	3 FWH B/ACV	4 Modco B/ACV	5 FWH B/ACV Col 1+3	6 Modco B/ACV Col 2+4	7 FWH B/ACV	8 Modco B/ACV	9 FWH B/ACV	10 Modco B/ACV	11 FWH B/ACV Col 7+9	12 Modco B/ACV Col 8+10
INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF REAL ESTATE												
128. Home office property (General Account only)												
129. Investment properties												
130. Properties acquired in satisfaction of debt												
131. Total with real estate characteristics (Sum of Lines 128 through 130)												
INVESTMENTS IN TAX CREDIT STRUCTURES												
132. Yield guaranteed state tax credit investments												
133. Qualifying federal tax credit investments												
134. Qualifying state tax credit investments												
135. Other tax credit investments												
136. Total tax credit investments (Sum of Lines 132 through 135)												
RESIDUAL TRANCHES OR INTERESTS												
137. Bonds - unaffiliated												
138. Bonds - affiliated												
139. Common stock - unaffiliated												
140. Common stock - affiliated												
141. Preferred stock - unaffiliated												
142. Preferred stock - affiliated												
143. Real estate - unaffiliated												
144. Real estate - affiliated												
145. Mortgage loans - unaffiliated												
146. Mortgage loans - affiliated												
147. Other - unaffiliated												
148. Other - affiliated												
149. Total residual tranches or interests (Sum of Lines 137 through 148)												
SURPLUS NOTES AND CAPITAL NOTES												
150. Highest quality												
151. High quality												
152. Medium quality												
153. Low quality												
154. Lower quality												
155. In or near default												
156. Total with bond characteristics (Sum of Lines 150 through 155)												
ALL OTHER INVESTMENTS												
157. NAIC 1 working capital finance investments												
158. NAIC 2 working capital finance investments												
159. Other invested assets - Schedule BA												
160. Other short-term invested assets - Schedule DA												
161. Cash and Cash Equivalents												
162. Total all other (Sum of Lines 157 through 161)												
163. Total assets excluding non-guaranteed Separate Account assets (Sum of Lines 33, 57, 74, 78, 86, 94, 121, 127, 131, 136, 149, 156 and 162)		251,061,799				251,061,799						
164. Total non-guaranteed Separate Account assets	XXX	XXX	XXX	XXX		154,738,177	XXX	XXX	XXX	XXX		
165. Total assets including non-guaranteed Separate Account assets (Sum of 163 and 164)	XXX	XXX	XXX	XXX		405,799,976	XXX	XXX	XXX	XXX		

SCHEDULE T - PREMIUMS AND ANNUITY CONSIDERATIONS (b)

Allocated by States and Territories

States, Etc.		1 Active Status (a)	Direct Business Only					
			Life Contracts		4	5	6	7
			2 Life Insurance Premiums	3 Annuity Considerations	Accident and Health Insurance Premiums, Including Policy, Membership and Other Fees	Other Considerations	Total Columns 2 through 5 (b)	Deposit-Type Contracts
1. Alabama	AL	L	4,058,345	168,510,843	225,936		172,795,123	2,429,048
2. Alaska	AK	L	275,241	18,945,308	11,398		19,231,947	383,450
3. Arizona	AZ	L	3,967,739	224,501,906	191,905		228,661,551	6,770,074
4. Arkansas	AR	L	1,429,558	129,119,938	73,345		130,622,840	903,454
5. California	CA	L	23,725,479	814,845,697	721,820		839,292,995	580,460,790
6. Colorado	CO	L	4,828,090	372,054,905	36,997		376,919,991	141,432,686
7. Connecticut	CT	L	6,208,780	403,321,900	338,631		409,869,311	12,487,636
8. Delaware	DE	L	3,241,264	57,394,348	62,092		60,697,704	571,359
9. District of Columbia	DC	L	1,767,533	309,367,598	184,291		311,319,423	2,473,838
10. Florida	FL	L	12,727,090	503,779,595	1,405,187		517,911,872	19,645,296
11. Georgia	GA	L	6,101,811	423,739,931	301,944		430,143,686	197,550,333
12. Hawaii	HI	L	1,092,157	47,678,404	123,935		48,894,496	4,990,711
13. Idaho	ID	L	564,214	34,315,254	59,767		34,939,235	8,496,568
14. Illinois	IL	L	9,634,252	555,886,982	665,225		566,186,459	23,989,657
15. Indiana	IN	L	3,798,216	193,069,622	310,484		197,178,321	6,892,354
16. Iowa	IA	L	3,908,182	989,867,584	205,059		993,980,825	3,974,961
17. Kansas	KS	L	1,389,696	177,417,748	119,723		178,927,166	3,375,090
18. Kentucky	KY	L	2,349,603	140,927,025	159,571		143,436,198	2,973,234
19. Louisiana	LA	L	2,015,406	76,028,483	61,884		78,105,774	1,404,053
20. Maine	ME	L	1,829,449	72,094,246	118,052		74,041,746	1,976,556
21. Maryland	MD	L	8,385,373	568,340,792	465,831		577,191,997	10,813,196
22. Massachusetts	MA	L	13,578,841	781,949,107	977,500		796,505,448	38,771,016
23. Michigan	MI	L	9,415,019	873,505,451	836,769		883,757,240	322,719,909
24. Minnesota	MN	L	4,456,016	719,764,889	148,212		724,369,117	32,431,903
25. Mississippi	MS	L	499,016	29,053,273	11,349		29,563,637	968,365
26. Missouri	MO	L	7,099,197	248,388,571	280,385		255,768,154	13,057,158
27. Montana	MT	L	319,720	23,809,734	3,889		24,133,343	503,745
28. Nebraska	NE	L	2,450,999	73,600,445	39,083		76,090,526	1,012,527
29. Nevada	NV	L	1,103,196	144,445,051	61,811		145,610,058	3,943,186
30. New Hampshire	NH	L	2,137,016	90,795,254	79,858		93,012,129	2,137,180
31. New Jersey	NJ	L	15,023,360	1,264,146,951	871,706		1,280,042,018	21,250,315
32. New Mexico	NM	L	1,292,395	58,997,837	59,630		60,349,862	2,910,889
33. New York	NY	L	37,337,200	3,924,948,875	2,236,549		3,964,522,624	45,082,423
34. North Carolina	NC	L	9,273,801	614,383,752	198,333		623,855,886	8,517,373
35. North Dakota	ND	L	330,436	163,887,908	43,920		164,262,263	88,683
36. Ohio	OH	L	6,054,355	443,841,898	550,952		450,447,206	11,446,835
37. Oklahoma	OK	L	1,760,123	73,861,132	94,794		75,716,048	44,551,374
38. Oregon	OR	L	2,309,875	154,160,592	165,465		156,635,931	9,612,084
39. Pennsylvania	PA	L	19,546,336	1,352,408,710	1,206,108		1,373,161,154	32,865,092
40. Rhode Island	RI	L	2,936,055	181,661,446	91,710		184,689,211	2,651,298
41. South Carolina	SC	L	2,712,524	100,572,335	91,995		103,376,854	2,000,950
42. South Dakota	SD	L	1,584,052	9,828,573	12,835		11,425,460	748,814
43. Tennessee	TN	L	4,624,292	156,847,165	298,558		161,770,015	3,396,530
44. Texas	TX	L	10,921,615	502,782,948	191,433		513,895,996	9,610,813
45. Utah	UT	L	2,178,919	161,983,284	105,629		164,267,831	2,902,683
46. Vermont	VT	L	1,482,211	86,889,547	128,575		88,500,333	45,840,342
47. Virginia	VA	L	8,942,854	414,408,003	606,630		423,957,488	19,639,844
48. Washington	WA	L	5,988,448	391,788,028	365,562		398,142,038	197,225,125
49. West Virginia	WV	L	1,401,084	219,109,690	274,286		220,785,060	3,121,909
50. Wisconsin	WI	L	2,871,980	131,250,908	168,137		134,291,024	155,432,387
51. Wyoming	WY	L	370,523	30,938,562	21,130		31,330,215	1,300,919
52. American Samoa	AS	N						
53. Guam	GU	N		252			252	
54. Puerto Rico	PR	L	125,481	13,092,182			13,217,663	1,099,645
55. U.S. Virgin Islands	VI	L	8,835	2,294,673			2,303,508	
56. Northern Mariana Islands	MP	N						
57. Canada	CAN	N	498	6,057,376			6,057,874	
58. Aggregate other alien	OT	XXX	145,701	16,362,047			16,507,748	6,079,003
59. Subtotal		XXX	283,579,452	19,743,024,555	16,065,867		20,042,669,874	2,076,914,663
90. Reporting entity contributions for employee benefits plans		XXX		48,095,154			48,095,154	
91. Dividends or refunds applied to purchase paid-up additions and annuities		XXX						
92. Dividends or refunds applied to shorten endowment or premium paying period		XXX						
93. Premium or annuity considerations waived under disability or other contract provisions		XXX	12,523,968				12,523,968	
94. Aggregate or other amounts not allocable by State		XXX						
95. Totals (direct business)		XXX	296,103,420	19,791,119,709	16,065,867		20,103,288,996	2,076,914,663
96. Plus reinsurance assumed		XXX						
97 Totals (all business)		XXX	296,103,420	19,791,119,709	16,065,867		20,103,288,996	2,076,914,663
98. Less reinsurance ceded		XXX	75,075,450		16,064,346		91,139,795	
99. Totals (all business) less reinsurance ceded		XXX	221,027,971	19,791,119,709	(c) 1,521		20,012,149,201	2,076,914,663
DETAILS OF WRITE-INS								
58001. ZZZ Other Alien		XXX	145,701	16,362,047			16,507,748	6,079,003
58002.		XXX						
58003.		XXX						
58998. Summary of remaining write-ins for Line 58 from overflow page		XXX						
58999. Totals (Lines 58001 through 58003 plus 58998)(Line 58 above)		XXX	145,701	16,362,047			16,507,748	6,079,003
9401.		XXX						
9402.		XXX						
9403.		XXX						
9498. Summary of remaining write-ins for Line 94 from overflow page		XXX						
9499. Totals (Lines 9401 through 9403 plus 9498)(Line 94 above)		XXX						

(a) Active Status Counts:

1. L - Licensed or Chartered - Licensed insurance carrier or domiciled RRG..... 53
2. R - Registered - Non-domiciled RRGs.....
3. E - Eligible - Reporting entities eligible or approved to write surplus lines in the state.....
4. Q - Qualified - Qualified or accredited reinsurer.....
5. N - None of the above - Not allowed to write business in the state..... 4

(b) Explanation of basis of allocation by states, etc., of premiums and annuity considerations

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

(c) Column 4 should balance with Exhibit 1, Lines 6.4, 10.4 and 16.4, Col. 6, or with Schedule H, Part 1, Line 1, indicate which: Exhibit 1, Lines 6.4, 10.4, and 16.4, Col. 6.....

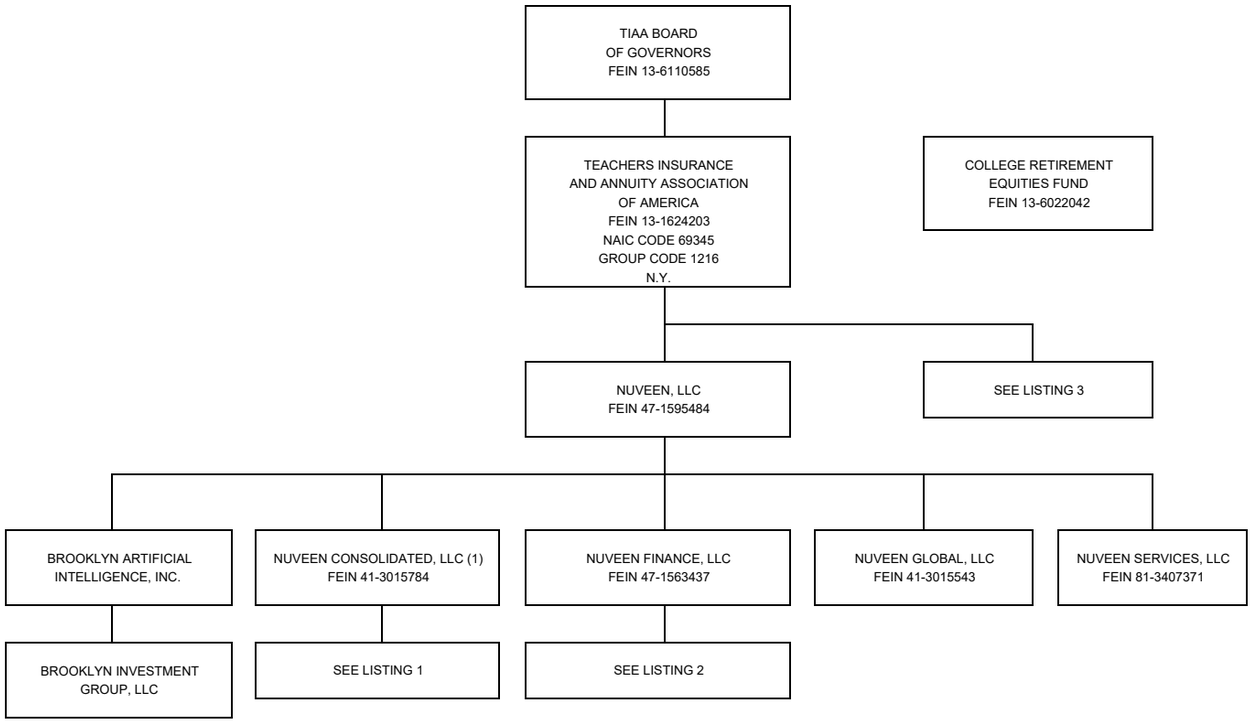
SCHEDULE T - PART 2

INTERSTATE COMPACT - EXHIBIT OF PREMIUMS WRITTEN

Allocated by States and Territories

States, Etc.		Direct Business Only					
		1 Life (Group and Individual)	2 Annuities (Group and Individual)	3 Disability Income (Group and Individual)	4 Long-Term Care (Group and Individual)	5 Deposit-Type Contracts	6 Totals
1. Alabama	AL	4,058,345	168,510,843		225,936	2,429,048	175,224,171
2. Alaska	AK	275,241	18,945,308		11,398	383,450	19,615,397
3. Arizona	AZ	3,967,739	224,501,906		191,905	6,770,074	235,431,625
4. Arkansas	AR	1,429,558	129,119,938		73,345	903,454	131,526,295
5. California	CA	23,725,479	814,845,697		721,056	580,460,790	1,419,753,021
6. Colorado	CO	4,828,090	372,054,905		36,997	141,432,686	518,352,677
7. Connecticut	CT	6,208,780	403,321,900		338,631	12,487,636	422,356,947
8. Delaware	DE	3,241,264	57,394,348		62,092	571,359	61,269,063
9. District of Columbia	DC	1,767,533	309,367,598		184,291	2,473,838	313,793,261
10. Florida	FL	12,727,090	503,779,595		1,405,187	19,645,296	537,557,168
11. Georgia	GA	6,101,811	423,739,931		301,944	197,550,333	627,694,019
12. Hawaii	HI	1,092,157	47,678,404		123,935	4,990,711	53,885,207
13. Idaho	ID	564,214	34,315,254		59,767	8,496,568	43,435,804
14. Illinois	IL	9,634,252	555,886,982		665,225	23,989,657	590,176,116
15. Indiana	IN	3,798,216	193,069,622		310,484	6,892,354	204,070,676
16. Iowa	IA	3,908,182	989,867,584		205,059	3,974,961	997,955,786
17. Kansas	KS	1,389,696	177,417,748		119,723	3,375,090	182,302,256
18. Kentucky	KY	2,349,603	140,927,025		159,571	2,973,234	146,409,432
19. Louisiana	LA	2,015,406	76,028,483		61,884	1,404,053	79,509,827
20. Maine	ME	1,829,449	72,094,246		118,052	1,976,556	76,018,302
21. Maryland	MD	8,385,373	568,340,792		465,831	10,813,196	588,005,193
22. Massachusetts	MA	13,578,841	781,949,107		977,500	38,771,016	835,276,464
23. Michigan	MI	9,415,019	873,505,451		836,769	322,719,909	1,206,477,148
24. Minnesota	MN	4,456,016	719,764,889		148,212	32,431,903	756,801,020
25. Mississippi	MS	499,016	29,053,273		11,349	968,365	30,532,002
26. Missouri	MO	7,099,197	248,388,571		280,385	13,057,158	268,825,312
27. Montana	MT	319,720	23,809,734		3,889	503,745	24,637,088
28. Nebraska	NE	2,450,999	73,600,445		39,083	1,012,527	77,103,053
29. Nevada	NV	1,103,196	144,445,051		61,811	3,943,186	149,553,244
30. New Hampshire	NH	2,137,016	90,795,254		79,858	2,137,180	95,149,309
31. New Jersey	NJ	15,023,360	1,264,146,951		871,706	21,250,315	1,301,292,333
32. New Mexico	NM	1,292,395	58,997,837		59,630	2,910,889	63,260,751
33. New York	NY	37,337,200	3,924,948,875		2,235,792	45,082,423	4,009,604,290
34. North Carolina	NC	9,273,801	614,383,752		198,333	8,517,373	632,373,260
35. North Dakota	ND	330,436	163,887,908		43,920	88,683	164,350,946
36. Ohio	OH	6,054,355	443,841,898		550,952	11,446,835	461,894,041
37. Oklahoma	OK	1,760,123	73,861,132		94,794	44,551,374	120,267,422
38. Oregon	OR	2,309,875	154,160,592		165,465	9,612,084	166,248,015
39. Pennsylvania	PA	19,546,336	1,352,408,710		1,206,108	32,865,092	1,406,026,246
40. Rhode Island	RI	2,936,055	181,661,446		91,710	2,651,298	187,340,510
41. South Carolina	SC	2,712,524	100,572,335		91,995	2,000,950	105,377,804
42. South Dakota	SD	1,584,052	9,828,573		12,835	748,814	12,174,274
43. Tennessee	TN	4,624,292	156,847,165		298,558	3,396,530	165,166,544
44. Texas	TX	10,921,615	502,782,948		191,433	9,610,813	523,506,809
45. Utah	UT	2,178,919	161,983,284		105,629	2,902,683	167,170,515
46. Vermont	VT	1,482,211	86,889,547		128,575	45,840,342	134,340,674
47. Virginia	VA	8,942,854	414,408,003		606,630	19,639,844	443,597,331
48. Washington	WA	5,988,448	391,788,028		365,562	197,225,125	595,367,163
49. West Virginia	WV	1,401,084	219,109,690		274,286	3,121,909	223,906,969
50. Wisconsin	WI	2,871,980	131,250,908		168,137	155,432,387	289,723,411
51. Wyoming	WY	370,523	30,938,562		21,130	1,300,919	32,631,134
52. American Samoa	AS						
53. Guam	GU		252				252
54. Puerto Rico	PR	125,481	13,092,182			1,099,645	14,317,308
55. U.S. Virgin Islands	VI	8,835	2,294,673				2,303,508
56. Northern Mariana Islands	MP						
57. Canada	CAN	498	6,057,376				6,057,874
58. Aggregate other alien	OT	145,701	16,362,047			6,079,003	22,586,751
59. Total		283,579,452	19,743,024,555		16,064,346	2,076,914,663	22,119,583,016

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



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

LISTING 1 (NUVEEN CONSOLIDATED, LLC):

COMPANY	FEIN	RELATIONSHIP
Gresham Asset Management LLC	26-0627593	SUBSIDIARY
Gresham Investment Management LLC	20-1930384	SUBSIDIARY
Nuveen Alternative Investments, LLC	36-4839486	SUBSIDIARY
Nuveen Fund Advisors, LLC	31-0942504	SUBSIDIARY
Nuveen Asset Management, LLC	27-4357327	SUBSIDIARY
Nuveen Funds GP I, LLC		SUBSIDIARY
Symphony Alternative Asset Management LLC	83-4025630	SUBSIDIARY
Symphony Risk Retention Finance LLC	94-3252504	SUBSIDIARY
SRR 1 LLC	30-1032009	SUBSIDIARY
Nuveen WCM Holdings, LLC	37-1695518	SUBSIDIARY
Winslow Capital Management, LLC	90-0860898	SUBSIDIARY
Growth Capital GP I, LLC	81-0730906	SUBSIDIARY
Teachers Advisors, LLC	13-3760073	SUBSIDIARY
CoInvest Member LLC	82-1157427	SUBSIDIARY
Nuveen TALF Opportunity GP, LLC		SUBSIDIARY
TIAA-CREF Asset Management LLC	13-3905273	SUBSIDIARY
L&C Special Member Holdco, LLC	81-1272900	SUBSIDIARY
GTR Special Member Holdco LLC	46-3889185	SUBSIDIARY
TIAA International GP LLC	81-4374969	SUBSIDIARY
TIAA-CREF Investment Management, LLC	13-3586142	SUBSIDIARY
Nuveen Alternative Holdings LLC	46-3870972	SUBSIDIARY
CTL Administration Services LLC	33-4724027	SUBSIDIARY
Epic Administration LLC	93-1778449	SUBSIDIARY
Global AG AIV (CN) GP LLC	45-5044435	SUBSIDIARY
Global Agriculture AIV (CN), LP	45-5044681	SUBSIDIARY
Global Ag II AIV GP LLC	47-1192644	SUBSIDIARY
Global Agriculture II AIV, LP	47-1197292	SUBSIDIARY
GTR Investor Fund GP LLC	47-1208361	SUBSIDIARY
NAP Investors GP, LLC	83-2245173	SUBSIDIARY
NGC Senior Master Holdco LLC	88-3758314	SUBSIDIARY
NGC Master HoldCo LLC	88-1590237	SUBSIDIARY
NGC OpDevCo LLC	88-1589648	SUBSIDIARY
NGC Solar Master HoldCo LLC	88-1589970	SUBSIDIARY
Nuveen CP LLC	47-5515604	SUBSIDIARY
Greenworks Lending LLC	47-3234364	SUBSIDIARY
PACEWell 1 LLC	35-2597261	SUBSIDIARY
PACEWell 4 LLC	87-1326451	SUBSIDIARY
PACEWell 5 Depositor LLC	87-3650389	SUBSIDIARY
PACEWell 5 LLC	87-3649944	SUBSIDIARY
PACEWell 6 Depositor LLC	92-0681712	SUBSIDIARY
PACEWell 6 LLC	88-4182935	SUBSIDIARY
PACEWell 7 LLC	92-2404335	SUBSIDIARY
PACEWell 8 Depositor LLC	92-2105847	SUBSIDIARY
PACEWell 8 LLC	92-2080938	SUBSIDIARY
PACEWell 9 LLC	93-2177174	SUBSIDIARY
PACEWell 10 LLC	93-3609614	SUBSIDIARY
NGC P 1 LLC	93-3532558	SUBSIDIARY
NGC P 2 LLC	99-0433258	SUBSIDIARY
NGC P 3 LLC	99-3376543	SUBSIDIARY
NGC P 4 LLC	39-4163086	SUBSIDIARY
NGC P 5 LLC	41-3199154	SUBSIDIARY
NGC P 6 LLC	41-3418073	SUBSIDIARY
NGC TT 1 LLC	92-0315265	SUBSIDIARY
BOMF-VI CPACE Titling Trust		SUBSIDIARY
PACE Financial Servicing, LLC	46-4998151	SUBSIDIARY
Nuveen CP Holdings 1 LLC	86-3136043	SUBSIDIARY
Nuveen CP Holdings 2 LLC	86-3147529	SUBSIDIARY
NGTF GP, LLC	88-2217234	SUBSIDIARY
Nuveen Alternatives Advisors LLC	45-4288013	SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP	
TIAA-CREF Asset Management LLC (continued)			
Churchill Fund III GP LLC		SUBSIDIARY	
NRE US Strategic Self-Storage Fund Co LLC	93-3675836	SUBSIDIARY	
Nuveen Churchill Direct Lending Corp.		SUBSIDIARY	
TPS Investors GP, LLC	82-1917856	SUBSIDIARY	
Nuveen Alternatives Services LLC	45-4288091	SUBSIDIARY	
GAP II NZ GP Limited		SUBSIDIARY	
TIAA European Farmland Fund GP LP	98-1310748	SUBSIDIARY	(2)
TCAS Global Investments LLC	47-1515836	SUBSIDIARY	
Nuveen Climate Inclusion Fund II GP LLC		SUBSIDIARY	
Nuveen Climate Inclusion Fund II Lux GP S.à r.l.		SUBSIDIARY	
Nuveen CPACE Lending GP LLC	93-1847737	SUBSIDIARY	
Nuveen CPACE Lending II GP LLC	99-1167473	SUBSIDIARY	
Nuveen CPACE Lending III GP LLC	33-5037055	SUBSIDIARY	
Nuveen EIC GP Holdco LLC	33-3215929	SUBSIDIARY	
Energy & Power Infrastructure Credit Lux GP, S.à r.l.		SUBSIDIARY	
Nuveen Energy & Power Infrastructure Credit Cayman GP LLC	33-3678271	SUBSIDIARY	
Nuveen Energy & Power Infrastructure Credit DE GP LLC		SUBSIDIARY	
Nuveen Global Farmland Fund GP, LLC	84-1819349	SUBSIDIARY	
Nuveen Global Farmland Fund Lux GP S.à r.l.	98-1638974	SUBSIDIARY	
Nuveen Global Impact Fund GP, LLC	84-5180164	SUBSIDIARY	
Nuveen Global Impact Fund Lux GP S.à r.l.		SUBSIDIARY	
Nuveen International Holdings LLC	26-2719001	SUBSIDIARY	
Nuveen Canada Company		SUBSIDIARY	
Nuveen Japan Co., Ltd		SUBSIDIARY	
Nuveen Korea Co., Ltd.		SUBSIDIARY	
Nuveen Middle East Limited		SUBSIDIARY	
TGAM Subsidiary HC LLC	81-4349631	SUBSIDIARY	
TGAM APAC LLC	81-4290269	SUBSIDIARY	(3)
TGAM HK HC LLC	81-4323796	SUBSIDIARY	(4)
Nuveen Hong Kong Limited		SUBSIDIARY	
TGAM Asia LLC	81-4306975	SUBSIDIARY	(5)
TGAM HK HC LLC	81-4323796	SUBSIDIARY	(4)
TIAA International APAC LLC	81-4499397	SUBSIDIARY	(6)
TGAM HK HC LLC	81-4323796	SUBSIDIARY	(4)
TIAA International Asia LLC	81-4359164	SUBSIDIARY	(7)
TGAM HK HC LLC	81-4323796	SUBSIDIARY	(4)
TIAA International Subsidiary HC LLC	81-4390558	SUBSIDIARY	
TGAM APAC LLC	81-4290269	SUBSIDIARY	(3)
TGAM Asia LLC	81-4306975	SUBSIDIARY	(5)
TIAA International APAC LLC	81-4499397	SUBSIDIARY	(6)
TIAA International Asia LLC	81-4359164	SUBSIDIARY	(7)
TGAM APAC LLC	81-4290269	SUBSIDIARY	(3)
TGAM Asia LLC	81-4306975	SUBSIDIARY	(5)
TIAA International APAC LLC	81-4499397	SUBSIDIARY	(6)
TIAA International Asia LLC	81-4359164	SUBSIDIARY	(7)
Nuveen Junior Capital Opportunities Fund GP S.à r.l.		SUBSIDIARY	
Nuveen Natural Capital, LLC	87-4688838	SUBSIDIARY	
GreenWood Resources, LLC	80-0026976	SUBSIDIARY	
GreenWood Resources Capital Management, LLC	45-1875074	SUBSIDIARY	
Greenwood Resources Forest Management, LLC	47-4557075	SUBSIDIARY	
Greenwood Resources Poland sp. z o.o	98-1016335	SUBSIDIARY	
GWR Uruguay S.A.		SUBSIDIARY	
Greenwood Resources Colombia SAS		SUBSIDIARY	
NNC NGTF, LLC	93-1874675	SUBSIDIARY	
Nuveen Ecosystem Services, LLC	33-4801994	SUBSIDIARY	
Nuveen Farmland Advisors LLC	39-3534384	SUBSIDIARY	
Nuveen Farmland REIT	39-7054558	SUBSIDIARY	
Westchester Group Investment Management, LLC	27-3417683	SUBSIDIARY	

COMPANY	FEIN	RELATIONSHIP	
TIAA-CREF Asset Management LLC (continued)			
AU NBS Coinvestment, LLC	93-4724395	SUBSIDIARY	
Monterey Pacific, LLC	77-0298005	SUBSIDIARY	
McIntyre Labor Services, LLC		SUBSIDIARY	
Sitos Treehouse Plant LLC	33-4182857	SUBSIDIARY	
Terra Preta Pacific, LLC		SUBSIDIARY	
Nuveen Natural Capital Australia Pty Ltd		SUBSIDIARY	
Nuveen Natural Capital Chile SpA		SUBSIDIARY	
Nuveen Natural Capital LATAM Gestao De Ativos Ltda		SUBSIDIARY	
Nuveen Natural Capital Limited		SUBSIDIARY	
Nuveen Natural Capital Sp. z.o.o		SUBSIDIARY	
Nuveen Natural Capital S.r.l.		SUBSIDIARY	
Terra Land Company, LLC	37-1261935	SUBSIDIARY	
The Plata Wine Partners Trust	37-6589484	SUBSIDIARY	
Plata Wine Partners, LLC	87-0735518	SUBSIDIARY	
Westchester Group Farm Management, LLC	37-1193973	SUBSIDIARY	
Westchester Group Real Estate, LLC	37-1194491	SUBSIDIARY	
Westchester NGFF Investment, LLC	84-3766552	SUBSIDIARY	
Ziemia Coinvestment, LLC	92-3527677	SUBSIDIARY	
Nuveen Private Capital LLC		SUBSIDIARY	
Arcmont Asset Management Holdco Limited		SUBSIDIARY	
Arcmont AM LLC		SUBSIDIARY	
Arcmont Asset Management (Sweden) AB		SUBSIDIARY	
Arcmont Asset Management France SAS		SUBSIDIARY	
Arcmont Asset Management Germany Gmbh		SUBSIDIARY	
Arcmont Asset Management Limited		SUBSIDIARY	
Private Debt Carried Interest General Partner II S.à r.l		SUBSIDIARY	
CAM HR Holdco LLC		SUBSIDIARY	
CAM HR Resources LLC	36-4851864	SUBSIDIARY	(8)
Churchill Asset Management LLC	47-3156644	SUBSIDIARY	
CAM HR Resources LLC	36-4851864	SUBSIDIARY	(8)
Churchill (JPY) Series 2022 GP, LLC		SUBSIDIARY	
Churchill (JPY) Series 2026 GP LLC		SUBSIDIARY	
Churchill Agency Services LLC	82-3187734	SUBSIDIARY	
Churchill BDC Administration LLC		SUBSIDIARY	
Churchill CAD GP General Partner, LLC	98-1694147	SUBSIDIARY	
Churchill CAD GP, L.P.	98-1694147	SUBSIDIARY	
Churchill CAD GP Limited Partner, LLC		SUBSIDIARY	
Churchill Co-Investment Partners GP, LLC		SUBSIDIARY	
Churchill Co-Investment Partners II (Lux) GP S.à r.l.		SUBSIDIARY	
Churchill Co-Investment Partners II (US) GP, LLC	47-3156644	SUBSIDIARY	
Churchill Feeder Fund GP II S.à r.l.		SUBSIDIARY	
Churchill Fund GP II LLC	83-1177850	SUBSIDIARY	
Churchill Fund GP II S.à r.l.	98-1449979	SUBSIDIARY	
Churchill Fund V GP LLC		SUBSIDIARY	
Churchill Junior Capital Opportunities Fund GP, LLC	47-3156644	SUBSIDIARY	
Churchill Junior Capital Opportunities Fund GP S.à r.l.		SUBSIDIARY	
Churchill Junior Capital Opportunities Fund II GP, LLC		SUBSIDIARY	
Churchill Junior Capital Opportunities Fund II GP S.à r.l.		SUBSIDIARY	
Churchill Lux GP, S.à r.l.		SUBSIDIARY	
Churchill MMSLF Special GP LLC	85-3272173	SUBSIDIARY	
Churchill Secondary Partners GP, LLC		SUBSIDIARY	
Churchill Secondary Partners II GP, LLC		SUBSIDIARY	
Churchill Secondary Partners III GP, LLC		SUBSIDIARY	
Churchill Special Member LLC	82-0735838	SUBSIDIARY	
Churchill Sunshine Partners GP, LLC		SUBSIDIARY	
Churchill Warehouse LLC	82-3784145	SUBSIDIARY	
CMIC Funding GP LLC	87-2329839	SUBSIDIARY	
CNV Investor GP, LLC		SUBSIDIARY	

(1) Nuveen Consolidated, LLC is ultimately controlled and owned entirely by TIAA, with 51% owned by Nuveen, LLC, 41.5% owned by Nuveen Investments, Inc. and 7.5% owned by Nuveen Finance, LLC.

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

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

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

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

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

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

(8) CAM HR Resources LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by Churchill Asset Management LLC and 1% owned by CAM HR Holdco LLC.

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

LISTING 1 (NUVEEN CONSOLIDATED, LLC) (continued):

COMPANY	FEIN	RELATIONSHIP	
TIAA-CREF Asset Management LLC (continued)			
Copper Direct Lending GP, LLC	47-3156644	SUBSIDIARY	
NCBDC Holdings LLC		SUBSIDIARY	
Churchill DLC Advisor LLC		SUBSIDIARY	
NCPC Holdings LLC		SUBSIDIARY	
Churchill PCIF Advisor LLC		SUBSIDIARY	
NCPE Holdings LLC		SUBSIDIARY	
Churchill NCPE Advisor LLC		SUBSIDIARY	
Nuveen Churchill Private Equity Solutions GP, LLC		SUBSIDIARY	
Senior MPD Fund GP LLC	88-1339633	SUBSIDIARY	
TGAM Churchill Fund GP LLC	81-1817732	SUBSIDIARY	
Nuveen Real Estate Global LLC	81-4262460	SUBSIDIARY	
Nuveen Development Management Services LLC	84-2502695	SUBSIDIARY	
Nuveen Industrial Development Management Services LLC	93-2780998	SUBSIDIARY	
Nuveen MOB Development Management Services LLC	99-5011778	SUBSIDIARY	
Nuveen Global Investments LLC	26-2748598	SUBSIDIARY	
Nuveen GP Holding Company LLC	82-2986445	SUBSIDIARY	
NRE SDF GP Member, LLC	99-0538443	SUBSIDIARY	
Nuveen U.S. Strategic Debt Fund GP, LLC	99-0597337	SUBSIDIARY	
NRE U.S. Strategic SS SMA Incentive Member LLC	33-2579563	SUBSIDIARY	
NRE US Strategic Self-Storage Fund GP Holdco LLC	93-2717106	SUBSIDIARY	
NRE US Strategic Self-Storage Fund GP LLC	93-2717285	SUBSIDIARY	
NRE U.S. AH SMA Special Member LLC	33-1882111	SUBSIDIARY	
Nuveen Casa Bonita SMA GP LLC	88-4085231	SUBSIDIARY	
Nuveen CRED GP Member LLC	82-4598778	SUBSIDIARY	
CRED GP LLC	82-3751720	SUBSIDIARY	
CRED Rated Feeder GP LLC	85-2413081	SUBSIDIARY	
Nuveen Real Estate U.S. Strategic Alternatives Fund I GP LLC	86-1561520	SUBSIDIARY	
Nuveen Real Estate U.S. Affordable Housing Fund GP LLC	88-1469500	SUBSIDIARY	
Nuveen Real Estate U.S. Strategic Lab Vehicle GP LLC	88-1444180	SUBSIDIARY	
Nuveen Real Estate U.S. Strategic Retail Partners I GP LLC	33-4070399	SUBSIDIARY	
U.S. Cities Diversified Fund GP LLC	92-2350406	SUBSIDIARY	
U.S. Cities Industrial Fund GP LLC	36-4922991	SUBSIDIARY	
U.S. Cities Multifamily Fund GP LLC	35-2633108	SUBSIDIARY	
U.S. Cities Retail Fund GP LLC	82-4054235	SUBSIDIARY	
U.S. Cities Workplace Fund GP LLC		SUBSIDIARY	
USCWF-USCDF Medical Fund GP I LLC	41-3058972	SUBSIDIARY	
U.S. Strategic Industrial Fund II GP LLC	85-2037572	SUBSIDIARY	
U.S. Strategic Industrial Fund III GP LLC	99-2021896	SUBSIDIARY	
Nuveen Imajn Holdings Member LLC	85-2857187	SUBSIDIARY	
Imajn Homes Holdings, LLC	85-2534232	SUBSIDIARY	
Imajn Services, LLC	82-1051997	SUBSIDIARY	
Imajn Asset Manager, LLC	85-2545463	SUBSIDIARY	
NR Sparrow Realty Managing Member I, LLC		SUBSIDIARY	
SAF Sparrow Realty Managing Member I, LLC	87-1466953	SUBSIDIARY	
Sparrow Realty Investment I Managing Member, LLC	85-2603852	SUBSIDIARY	
Sparrow Realty Investment II Managing Member, LLC		SUBSIDIARY	
USCMF Sparrow Realty Managing Member I, LLC	87-1174074	SUBSIDIARY	
Nuveen International Holdings 1 Limited	46-1162850	SUBSIDIARY	
Clean Energy Partners HoldCo LLP		SUBSIDIARY	(9)
Glennmont Clean Energy CI GP Ltd		SUBSIDIARY	
Nuveen Investment Management Holdings Limited	98-1125673	SUBSIDIARY	(10)
Nuveen International Holdings 2 Limited	46-1163394	SUBSIDIARY	
Clean Energy Partners HoldCo LLP		SUBSIDIARY	(9)
Clean Energy Partners LLP		SUBSIDIARY	
Glennmont Asset Management Limited		SUBSIDIARY	
Clean Energy Partners CEP 2012 Limited		SUBSIDIARY	
Glennmont Partners I Limited		SUBSIDIARY	
Clean Energy Partners CEP Services Limited		SUBSIDIARY	
Glennmont Partners III S.à r.l.		SUBSIDIARY	
Glennmont Partners IV S.à r.l.		SUBSIDIARY	

COMPANY	FEIN	RELATIONSHIP	
TIAA-CREF Asset Management LLC (continued)			
Glennmont REBS Europe S.à r.l.		SUBSIDIARY	
Nuveen Energy Transition European Fund II GP S.à r.l.		SUBSIDIARY	
Nuveen Investment Management Holdings Limited	98-1125673	SUBSIDIARY	(10)
Nuveen Administration Limited	98-1127648	SUBSIDIARY	
Nuveen Europe Holdings Limited	98-1128805	SUBSIDIARY	
Nuveen Alternatives Europe S.à r.l.		SUBSIDIARY	
Nuveen Asset Management Europe S.à r.l.		SUBSIDIARY	
Nuveen Fund Management (Jersey) Limited		SUBSIDIARY	
Nuveen Management AIFM Limited		SUBSIDIARY	
Nuveen Management Company (Luxembourg) No 1 S.à r.l.		SUBSIDIARY	
Nuveen Property Management (Jersey) Limited		SUBSIDIARY	
Nuveen FCACO Limited	98-1128787	SUBSIDIARY	
Nuveen Investment Management International Limited		SUBSIDIARY	
Nuveen Group Holdings Limited	98-1127632	SUBSIDIARY	
Anglo Sino Henderson Investment Consultancy (Beijing) Co Ltd		SUBSIDIARY	
Australia Real Estate Credit GP Pte. Ltd		SUBSIDIARY	
Enhanced Debt Carry (GP) S.à r.l.		SUBSIDIARY	
ERES APAC II (GP) S.à r.l.		SUBSIDIARY	
ERES Europe II (GP) S.à r.l.		SUBSIDIARY	
European Cities Partnership (GP) S.à r.l.		SUBSIDIARY	
European Core-Plus Logistics Fund (GP) S.à r.l.		SUBSIDIARY	
European Core Renewable Infrastructure S.à r.l.		SUBSIDIARY	
European Value Add II (GP) S.à r.l.		SUBSIDIARY	
Islazul General Partner S.à r.l.		SUBSIDIARY	
Japan Alternatives Living GP Pte. Ltd.		SUBSIDIARY	
Matador LP General Partner Limited		SUBSIDIARY	
NRE Storage Portfolio Limited		SUBSIDIARY	
Nugreen Services AB		SUBSIDIARY	
Nugreen Services Denmark ApS		SUBSIDIARY	
Nugreen Services Norway AS		SUBSIDIARY	
Nuveen Consulting (Shanghai) Co., Ltd.		SUBSIDIARY	
Nuveen Corporate Secretarial Services Limited		SUBSIDIARY	
Nuveen European Real Estate Debt Fund V GP S.à.r.l.		SUBSIDIARY	
Nuveen France SAS		SUBSIDIARY	
Nuveen Italy S.r.l.		SUBSIDIARY	
Nuveen Management Austria GmbH		SUBSIDIARY	
Nuveen Management Finland Oy		SUBSIDIARY	
Nuveen Operations Limited		SUBSIDIARY	
Nuveen Australia Limited		SUBSIDIARY	
Nuveen Real Estate Debt Partners (GP) S.à r.l.		SUBSIDIARY	
Nuveen Real Estate Debt Partners II (GP) S.à r.l.		SUBSIDIARY	
Global Real Estate Debt Partners - Fund II (UK) SCSP		AFFILIATE	(11)
Nuveen Real Estate Debt Partners III (GP) S.à r.l.		SUBSIDIARY	
Nuveen Real Estate Debt V GP S.à r.l.		SUBSIDIARY	
Nuveen Switzerland GmbH		SUBSIDIARY	
Nuveen Singapore Private Limited		SUBSIDIARY	
OMP (GP) Limited		SUBSIDIARY	
TGA Co-Investments GP S.à r.l.		SUBSIDIARY	
T-C Lux Investments GP S.à r.l.		SUBSIDIARY	
Tokyo Multifamily GP PTE. Ltd.		SUBSIDIARY	
UK OM (LP2) (GP) Limited		SUBSIDIARY	
UK OM (LP2) Limited		SUBSIDIARY	
UK OM (LP3) (GP) Limited		SUBSIDIARY	
UK OM (LP3) Limited		SUBSIDIARY	
Nuveen Luxembourg Administration S.à r.l.		SUBSIDIARY	
Nuveen MyPlace Holdings Member LLC	92-1280325	SUBSIDIARY	
Nuveen Permian Investor Asset Manager Member LLC	81-5466713	SUBSIDIARY	
Permian Investor Asset Manager LLC	82-0631410	SUBSIDIARY	

COMPANY	FEIN	RELATIONSHIP	
TIAA-CREF Asset Management LLC (continued)			
Nuveen Permian Investor GP Member LLC	82-0607358	SUBSIDIARY	
Nuveen Real Estate Global Cities Advisors, LLC	82-3426937	SUBSIDIARY	
Omni Holding Company LLC	47-2437568	SUBSIDIARY	
Omni New York LLC	20-1149846	SUBSIDIARY	
Paths Construction LLC	92-2846553	SUBSIDIARY	
Paths Development LLC	92-2847109	SUBSIDIARY	
Paths Management Services LLC	92-0783544	SUBSIDIARY	
Paths Building Services LLC	99-3492993	SUBSIDIARY	
Paths RMS LLC	92-2847517	SUBSIDIARY	
Reliant Safety LLC	92-2886561	SUBSIDIARY	
Nuveen Real Estate NYC Property Fund GP Member LLC	82-4266474	SUBSIDIARY	
New York City Property Fund GP LLC	82-4213248	SUBSIDIARY	
Nuveen Real Estate Property Holdings, L.L.C.	06-1217855	SUBSIDIARY	
Casa Partners VI GP, LLC	30-0794692	SUBSIDIARY	
Casa Partners VII GP, LLC	47-5190671	SUBSIDIARY	
CASA Partners VIII GP, LLC	82-4363605	SUBSIDIARY	
CASA Partners IX GP LLC	86-1845840	SUBSIDIARY	
Global Investors GP, L.L.C.	36-4477806	SUBSIDIARY	
Global Investors GP II, L.L.C.	20-2537749	SUBSIDIARY	
Global Investors GP IV, L.L.C.	20-3070768	SUBSIDIARY	
TCAM DOF GP LLC	26-3561391	SUBSIDIARY	
TCGA BT AIV, LLC	46-5367344	SUBSIDIARY	
TCGA Investor Fund GP LLC	45-5139523	SUBSIDIARY	
TCGA II Investor Fund GP LLC	47-3511076	SUBSIDIARY	
TGAM International GP LLC	81-4330570	SUBSIDIARY	
TIAA Global Ag Special Member LLC	45-1532009	SUBSIDIARY	
TIAA Global Ag II Special Member LLC	81-1749609	SUBSIDIARY	
T-C U.S. Super Regional Mall Fund GP LLC	47-3126089	SUBSIDIARY	

LISTING 2 (NUVEEN FINANCE, LLC):

Nuveen Consolidated, LLC	41-3015784	SUBSIDIARY	(1)
Nuveen Holdings 1, Inc.	81-3425820	SUBSIDIARY	
Nuveen Holdings, Inc.	26-0373324	SUBSIDIARY	
Nuveen Investments, Inc.	36-3817266	SUBSIDIARY	
NIS/R&T, Inc.	36-3293941	SUBSIDIARY	
Nuveen Consolidated, LLC	41-3015784	SUBSIDIARY	(1)
Nuveen Investments Holdings, Inc.	36-7364377	SUBSIDIARY	
Nuveen Securities, LLC	36-2639476	SUBSIDIARY	

(1) Nuveen Consolidated, LLC is ultimately controlled and owned entirely by TIAA, with 51% owned by Nuveen, LLC, 41.5% owned by Nuveen Investments, Inc. and 7.5% owned by Nuveen Finance, LLC.

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

(10) Nuveen Investment Management Holdings Limited is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA International Holdings 2, Ltd. and 1% owned by TIAA International Holdings 1, Ltd.

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

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

LISTING 3:

COMPANY	FEIN	RELATIONSHIP	
300 Fifth Avenue TopCo, LLC	39-3021302	SUBSIDIARY	
300 Fifth Avenue MidCo, LLC	39-3060495	SUBSIDIARY	
730 Crane DC, LLC		SUBSIDIARY	
730 Darwin Holdings LLC	87-3292924	SUBSIDIARY	
Glennmont Clean Energy Fund IV A SCSP		SUBSIDIARY	
730 Data Centers, LLC	81-3091169	SUBSIDIARY	
730 Databridge, LLC	81-3106043	SUBSIDIARY	
Rocket 730 Data Bridge, LP		SUBSIDIARY	
730 Digital Infra LLC	93-3668565	SUBSIDIARY	
730 Fiber, LLC		SUBSIDIARY	
730 Lighting, LLC	92-0957956	SUBSIDIARY	
Freeway Lighting Partners Holding Company, LLC		SUBSIDIARY	
Freeway Lighting Partners, LLC		SUBSIDIARY	
730 Power Development, LLC	47-2616735	SUBSIDIARY	
730 Carroll, LLC	47-2622825	SUBSIDIARY	
730 Cricket, LLC		SUBSIDIARY	
730 Rail LLC		SUBSIDIARY	
730 Chrail LLC		SUBSIDIARY	
Cathcart Rail Holdco, LLC		SUBSIDIARY	
Cathcart Rail, LLC		SUBSIDIARY	
730 Telecom LLC	47-5363027	SUBSIDIARY	
730 Transmission, LLC		SUBSIDIARY	
730 Hotspur, LLC		SUBSIDIARY	
730 Texas Forest Holdings, Inc.	13-4042885	SUBSIDIARY	
730 Texas Timberlands II, Ltd.	51-0494351	SUBSIDIARY	(12)
730 Texas Timberlands II, Ltd.	51-0494351	SUBSIDIARY	(12)
TIAA Timberlands II, LLC	13-4085431	SUBSIDIARY	
Foley Butte, LLC		SUBSIDIARY	
Quercus West Virginia, LLC	46-2916514	SUBSIDIARY	
Red River Pine, LLC		SUBSIDIARY	
ACP Hyperdrive Co-Invest LLC	88-0748791	AFFILIATE	
Actoil Colorado, LLC	46-3373066	SUBSIDIARY	
AU NBS Holdco, LLC		SUBSIDIARY	
Broadleaf Timberland Investments, LLC	46-1952974	SUBSIDIARY	
Quercus Forestland Account LLC	26-4647417	SUBSIDIARY	
Quercus Algoma Corporation		SUBSIDIARY	
Quercus Algoma Land Corporation		SUBSIDIARY	
Canadian Infrastructure Investments, LLC	26-4248579	SUBSIDIARY	
2234328 Alberta ULC	98-1523334	SUBSIDIARY	
Polar Star Canadian Oil and Gas Holding, ULC		SUBSIDIARY	
Ceres Agricultural Properties, LLC	56-2672630	SUBSIDIARY	
Ceres FFI LLC	93-3033108	SUBSIDIARY	
Premiere Agricultural Properties, LLC	37-1555322	SUBSIDIARY	
Loma del Rio Vineyards LLC	80-0843991	SUBSIDIARY	(13)
Premiere Columbia Properties, LLC	36-4620107	SUBSIDIARY	
Premiere Farm Properties, LLC	30-0449681	SUBSIDIARY	
Demeter Agricultural Properties II, LLC	26-3484719	SUBSIDIARY	
International Agricultural Investors, LLC	26-0352203	SUBSIDIARY	
IAI Australia Pty Ltd		SUBSIDIARY	
IAI Australia Trust		SUBSIDIARY	
IAI USA, LLC	26-0460488	SUBSIDIARY	
International Agricultural Investors Fund II, LLC	26-2745365	SUBSIDIARY	
IAI Australia Fund II Pty. Ltd		SUBSIDIARY	
IAI Australia Fund II Trust		SUBSIDIARY	
IAI USA Fund II, LLC	26-2747755	SUBSIDIARY	
Tricahue Farms SpA		SUBSIDIARY	
Churchill Junior Capital Opportunities Fund II, L.P.	85-4120472	SUBSIDIARY	
Churchill Middle Market CLO IV Ltd.	98-1402136	SUBSIDIARY	
Churchill Middle Market Senior Loan Fund, LP	81-1810508	SUBSIDIARY	
Churchill Middle Market Senior Loan Fund III (Delaware), LP	84-5024895	SUBSIDIARY	

COMPANY	FEIN	RELATIONSHIP	
Churchill MM Warehouse, LLC		SUBSIDIARY	
Demeter Agricultural Properties, LLC	26-3049305	SUBSIDIARY	
Dionysus Properties, LLC	45-2632248	SUBSIDIARY	
Silverado Premium Properties, LLC	94-3306131	SUBSIDIARY	
Arroyo Loma, LLC	68-0436609	SUBSIDIARY	
Chalk Ridge Vineyard, LLC	75-3025596	SUBSIDIARY	
Hobson Avenue Vineyard, LLC	20-3964695	SUBSIDIARY	
Marsino Vineyard, LLC	26-1542713	SUBSIDIARY	
Silverado Los Alamos Vineyards, LLC	20-2103733	SUBSIDIARY	
Mesa Del Rio Vineyard, LLC	85-1933477	SUBSIDIARY	
Silverado SLO Vineyards, LLC	20-2490906	SUBSIDIARY	
Silverado Sonoma Vineyards, LLC	20-2103788	SUBSIDIARY	
SPP Napa Vineyards, LLC	68-0466083	SUBSIDIARY	
Stanly Ranch Vineyards, LLC	94-3361818	SUBSIDIARY	
Suscol Mountain Vineyards, LLC	26-3774024	SUBSIDIARY	
Terra Ventosa Vineyards, LLC	26-2766605	SUBSIDIARY	
Silverado Winegrowers Holdings, LLC	43-3997217	SUBSIDIARY	
Silverado Winegrowers, LLC	68-0443927	SUBSIDIARY	
Alta Loma Vineyard LLC	94-3357571	SUBSIDIARY	
Silverado Suscol, LLC	91-1806950	SUBSIDIARY	
SWG Paso Vineyards, LLC	45-4820104	SUBSIDIARY	
Distressed Opportunities Fund, L.P.	26-3561447	SUBSIDIARY	
DWM Inclusive Finance Equity Fund II	98-0580879	AFFILIATE	
DWM Microfinance Equity Fund I	98-0580879	AFFILIATE	
EverBank Financial Corp.	90-0615674	AFFILIATE	
FULC JV LLC		SUBSIDIARY	
Global Real Estate Debt Partners – Fund II (UK) SCSp		AFFILIATE	(11)
Global Real Estate Debt Partners – Fund III (UK) SCSp		AFFILIATE	
GreshamQuant SAFI Fund, L.L.C.	87-2192709	SUBSIDIARY	
Growth Capital Fund I, L.P.	81-0737062	SUBSIDIARY	
Inception GP LLC		SUBSIDIARY	
Infra Alpha LLC	27-4149157	SUBSIDIARY	
Iron Wolf Holdco LLC	33-3116891	SUBSIDIARY	
Iron Wolf Acquisition Trust	33-6738569	SUBSIDIARY	
Landa Fund, F.C.R.		AFFILIATE	
Landed Educator Retention Fund, LP	84-2323824	AFFILIATE	
Lewis & Clark Timberlands, LP	47-4169877	SUBSIDIARY	
L&C Log Co, LLC	47-4187541	SUBSIDIARY	
L&C Tree Farms, LLC	47-4196668	SUBSIDIARY	
L&C TRS LLC	47-5300478	SUBSIDIARY	
Mansilla Participações Ltda.		SUBSIDIARY	
Radar Propriedades Agricolas S.A.		SUBSIDIARY	(14)
Nova Amaralina Propriedades Agrícolas S.A		SUBSIDIARY	
Nova Agrícola Ponte Alta S.A.		SUBSIDIARY	
Nova Santa Barbara Agricola S.A.		SUBSIDIARY	
Terras da Ponte Alta S.A.		SUBSIDIARY	
Radar II Propriedades Agrícolas S.A.		AFFILIATE	
Bioinvestments Negócios e Participações S.A.		AFFILIATE	
Castanheira Propriedades Agrícolas S.A		AFFILIATE	
Manacá Propriedades Agrícolas S.A		AFFILIATE	
Paineira Propriedades Agrícolas S.A		AFFILIATE	
Proud Participações S.A.		AFFILIATE	
Radar Propriedades Agricolas S.A.		AFFILIATE	(14)
Vale da Ponte Alta S.A.		AFFILIATE	
MM Funding, LLC	13-1624203	SUBSIDIARY	
MyVest Corporation	47-0902011	SUBSIDIARY	
NBPT Aggregator LLC	85-4078036	SUBSIDIARY	
NEFCO Acquisitions, Inc.		SUBSIDIARY	

COMPANY	FEIN	RELATIONSHIP
New York City Property Fund II LP	82-4183425	SUBSIDIARY
2 Hudson Square Holdings LLC		SUBSIDIARY
Cory Road REIT LLC	87-3846434	SUBSIDIARY
Cory Road Operating LP	87-3847578	SUBSIDIARY
Cory Road Associates LLC	87-3737804	SUBSIDIARY
Cory Road TRS LLC	87-4032308	SUBSIDIARY
NYCPF II 94th Street Pooling LP	87-3783569	SUBSIDIARY
309 East 94th Street Holdings LLC		SUBSIDIARY
New York City Property Fund REIT LLC	83-4678924	SUBSIDIARY
New York City Fund Operating GP LLC	83-4701919	SUBSIDIARY
New York City Property Fund Operating LP	83-4671194	SUBSIDIARY
125 West End Investors LLC	84-3388831	SUBSIDIARY
125 West End Holdings LLC	84-3408615	SUBSIDIARY
125 West End Associates LLC	83-4653622	SUBSIDIARY
Ridge Hill Holdings LLC	88-4309659	SUBSIDIARY
Ridge Hill Associates LLC	36-5014830	SUBSIDIARY
NGFF Holdco, LLC	84-2320652	SUBSIDIARY
Nuveen Global Farmland Fund, LP	84-1895540	SUBSIDIARY
Global Farmland Properties, LLC	84-1834824	SUBSIDIARY
GFP Master Holdco S.à r.l.		SUBSIDIARY
GFP Iberia Holdco s.l.		SUBSIDIARY
NGFF FFI, LLC	85-3631808	SUBSIDIARY
US Horticulture Farmland, LLC	84-1857338	SUBSIDIARY
US Row Farmland, LLC	84-1842298	SUBSIDIARY
US Viticulture Farmland, LLC	84-1880235	SUBSIDIARY
NGTF Holdco, LLC	92-0403836	SUBSIDIARY
North Haven Falcon Holding Company, LLC	86-3398532	SUBSIDIARY
NRFC Inception IV, LP	46-2031403	SUBSIDIARY
Nuveen Churchill Private Equity Solutions, LP		SUBSIDIARY
Nuveen Climate Inclusion Fund II LP		SUBSIDIARY
Nuveen CLO Issuance Fund, LP	98-1549843	SUBSIDIARY
Nuveen CLO Issuance Feeder Fund II, LP	92-1165432	SUBSIDIARY
Nuveen CLO Issuance Feeder Fund III, LP		SUBSIDIARY
Nuveen CLO Opportunities Fund LP	88-3829767	SUBSIDIARY
Nuveen European Core Renewable Infrastructure S.C.A. SICAV-RAIF		SUBSIDIARY
Nuveen Global Impact Fund, LP	84-5180286	SUBSIDIARY
Nuveen High Yield Municipal Opportunitites Fund LP	83-4357309	SUBSIDIARY
Nuveen Municipal Opportunities Fund LP	83-4341275	SUBSIDIARY
Nuveen Real Estate U.S. Affordable Housing Fund LP	88-1470999	SUBSIDIARY
Nuveen Real Estate U.S Affordable Housing Fund Holdings LP	93-2601876	SUBSIDIARY
Nuveen Real Estate U.S. Affordable Housing Fund REIT LLC	88-1539505	SUBSIDIARY
Nuveen Real Estate U.S. Affordable Housing Fund Operating GP LLC	88-1470699	SUBSIDIARY
Nuveen Real Estate U.S. Affordable Housing Fund Operating LP	88-1472235	SUBSIDIARY
IHF FA Woodbridge Investor Member LLC	88-3423227	SUBSIDIARY
USAHF GP Holdco Parent LLC	88-4255084	SUBSIDIARY
USAHF GP Holdco LLC	92-0790831	SUBSIDIARY
USAHF Somerset GP LLC	33-3778697	SUBSIDIARY
USAHF Somerset LP LLC	33-3779354	SUBSIDIARY
Somerset Glen Apartments, L.P.	27-3653522	SUBSIDIARY
USAHF Union Street Houses LLC	39-2348772	SUBSIDIARY
USIHF Tressa GP LLC	92-3365983	SUBSIDIARY
USIHF Tressa LP LLC	92-3365006	SUBSIDIARY
Linden 143, LLC	20-8630911	SUBSIDIARY
USIHF GP NY Holdco LLC	92-1460099	SUBSIDIARY
Nuveen Real Estate U.S. Strategic Alternatives Fund I LP	86-1702891	SUBSIDIARY
Nuveen Real Estate U.S. Strategic Lab Vehicle LP	88-1443255	SUBSIDIARY
Nuveen Real Estate U.S. Strategic Lab Vehicle Holdings LP	88-2640357	SUBSIDIARY
Nuveen Real Estate U.S. Strategic Lab Vehicle REIT LLC	88-1443830	SUBSIDIARY
Nuveen Real Estate U.S. Strategic Lab Vehicle REIT Sub GP LLC		SUBSIDIARY
Nuveen Real Estate U.S. Strategic Lab Vehicle REIT Sub LP		SUBSIDIARY
Nuveen Real Estate U.S. Strategic Lab Vehicle Non-REIT LLC	88-2561353	SUBSIDIARY
Nuveen Strategic Retail Aggregator LP	39-2792640	SUBSIDIARY

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

(12) 730 Texas Timberlands II, Ltd. is ultimately controlled and owned entirely by TIAA, which directly owns 99.5%. 730 Texas Forest Holdings, Inc., which is owned 100% by TIAA, owns .5%.

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

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

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

LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP	
ND Properties LLC	11-3034756	SUBSIDIARY	(15)
ND Europe S.à r.l.		SUBSIDIARY	
ND Europe Office Holdings S.à r.l.		SUBSIDIARY	
Cityhold Euro S.à r.l.		AFFILIATE	(16)
Cityhold Nymphe S.à r.l.		AFFILIATE	(17)
Cityhold Propco 11 S.à r.l.		AFFILIATE	
OVG Cloud S.à r.l.		AFFILIATE	(18)
Cityhold Office Partnership S.à r.l.		AFFILIATE	
CHOP OPCI		AFFILIATE	
Cityhold Iconic Holding SAS	98-1435873	AFFILIATE	
Cityhold Iconic Hotel SNC	98-1433967	AFFILIATE	
Cityhold Iconic Office SCI	98-1433956	AFFILIATE	
Cityhold Iconic Retail SNC	98-1433960	AFFILIATE	
Cityhold Iconic Youth Hostel SNC	98-1433975	AFFILIATE	
Cityhold EST Investment S.à r.l.		AFFILIATE	
Cityhold Prinses Coöperatief U.A.		AFFILIATE	
Cityhold Prinses AcquiCo B.V.		AFFILIATE	
Ark Portfolio Owner Prinses B.V.		AFFILIATE	
Cityhold Jobbe SAS		AFFILIATE	
Cityhold Jobbe SCI		AFFILIATE	
Cityhold Nymphe S.à r.l.		AFFILIATE	(17)
Cityhold Propco 6 S.à r.l.		AFFILIATE	
Cityhold Iconic Hotel OPCO SAS	98-1433939	AFFILIATE	
Cityhold Iconic Investments S.à r.l.	98-1435880	AFFILIATE	
Cityhold Propco 9 S.à r.l.		AFFILIATE	
36 rue La Fayette SAS		AFFILIATE	
SAS Roosevelt		AFFILIATE	
SNC Roosevelt		AFFILIATE	(19)
Roosevelt Participation S.à r.l.		AFFILIATE	
SNC Roosevelt		AFFILIATE	(19)
Courcelles 70 SAS		AFFILIATE	
Cityhold Euro S.à r.l.		AFFILIATE	(16)
Cityhold Propco 7 S.à r.l.		AFFILIATE	
Cityhold Propco 10 S.à r.l.		AFFILIATE	
Cityhold Gouden Bocht B.V.		AFFILIATE	
Cityhold Gouden Bocht Monumenten B.V.		AFFILIATE	
Redevelopment Property II B.V.	98-1438380	AFFILIATE	
Cityhold Propco 12 S.à r.l.		AFFILIATE	
Cityhold GC Investment S.à r.l.		AFFILIATE	
OVG Cloud S.à r.l.		AFFILIATE	(18)
Cityhold Grand Central Berlin SCS		AFFILIATE	
Cityhold Sterling S.à r.l.		AFFILIATE	
Cityhold UK Holding S.à r.l.		AFFILIATE	
Cityhold Belgrave Operational Investment S.à r.l.		AFFILIATE	
Cityhold Belgrave Operational Holding S.à r.l.		AFFILIATE	
Belgrave House Operational Unit Trust		AFFILIATE	
Cityhold UK Investment S.à r.l.		AFFILIATE	
London Belgrave Unit Trust		AFFILIATE	(20)
60 Great Portland Street Unit Trust		AFFILIATE	(21)
London Belgrave Unit Trust		AFFILIATE	(20)
CLOF Victoria Nominee 1 Limited		AFFILIATE	
CLOF Victoria Nominee 2 Limited		AFFILIATE	
60 Great Portland Street Unit Trust		AFFILIATE	(21)
HV Properties S.à r.l.		AFFILIATE	
HV Freehold S.à r.l.		AFFILIATE	
SMA Holding S.à r.l.		AFFILIATE	

COMPANY	FEIN	RELATIONSHIP	
ND Properties LLC (continued)			
TIAA Lux 9 S.à r.l.		AFFILIATE	
SAS Malachite		AFFILIATE	
SNC Garnet-TIAA		AFFILIATE	
SNC La Defense		AFFILIATE	
SNC Lazuli		AFFILIATE	
SNC Peridot		AFFILIATE	
T-C Pep Holding S.à r.l.		SUBSIDIARY	
T-C Pep Asset S.à r.l.		SUBSIDIARY	
TIAA Lux 11 S.à r.l.		SUBSIDIARY	
TIAA Lux 5 S.à r.l.		SUBSIDIARY	
Nuveen U.S. Strategic Debt Fund, LP	99-0597677	SUBSIDIARY	
SDF REIT Manager LLC	99-1849636	SUBSIDIARY	
SDF REIT Member LP	99-1848959	SUBSIDIARY	
SDF REIT LLC	99-1849428	SUBSIDIARY	
SDF REIT Holdco LLC	99-1855635	SUBSIDIARY	
SDF Midpoint LLC	33-2976131	SUBSIDIARY	
SDF REIT Holdco Seller LLC	99-1856144	SUBSIDIARY	
SDF REIT Holdco Seller II LLC	99-5087755	SUBSIDIARY	
SDF REIT Holdco TRS LLC	99-1856622	SUBSIDIARY	
Occator Agricultural Properties, LLC	26-4750562	SUBSIDIARY	
AGR Agricultural Investments LLC	46-1768969	SUBSIDIARY	
Mandala Food Co-Investment Holdings II SPV		SUBSIDIARY	
Otto's South Vineyard, LLC	85-1933477	SUBSIDIARY	
Quaero European Infrastructure Fund III SCSp		AFFILIATE	
RAHF IV Shore Hill Member, LLC	82-5349340	AFFILIATE	
Renewable Power Fund Plus, LP	86-3993655	SUBSIDIARY	
Renewable Timber Europe, LLC	45-2792614	SUBSIDIARY	
Renewable Timber Netherlands B.V.		SUBSIDIARY	
Topola Lasy Spolka z o. o.		SUBSIDIARY	
REP Coinvest III TEC, L.P.	85-1358046	AFFILIATE	
Seven30 Insurance (Bermuda) Co. Limited	98-1718925	SUBSIDIARY	
Seven30 Re (Bermuda) Co. Limited		SUBSIDIARY	
SHF-Millennium One Apts, LLC	47-4155469	SUBSIDIARY	
Siguler Guff Third Avenue, L.P.	03-0543113	SUBSIDIARY	
Social Infra, LLC		SUBSIDIARY	
Stichting Bewaarder Ziemia Fund		AFFILIATE	
T-C 919 N. Michigan Avenue Retail LLC	46-0750331	SUBSIDIARY	
T-C Australia RE Holdings I, LLC	81-2490530	SUBSIDIARY	
T-C Australia RE Holdings II, LLC	81-2506975	SUBSIDIARY	
TIAA Australia Real Estate Trust		SUBSIDIARY	
TIAA Melbourne Retail Holding 1 Trust		SUBSIDIARY	
TIAA Melbourne Retail Asset 1 Trust		SUBSIDIARY	
TGA Australia Real Estate Trust 2		SUBSIDIARY	
TGA PBSA Hold Trust		SUBSIDIARY	
TGA PBSA Asset Trust 1		SUBSIDIARY	
TGA PBSA Asset Trust 2		SUBSIDIARY	
TGA PBSA Asset Trust 3		SUBSIDIARY	
TGA PBSA Asset Trust 4		SUBSIDIARY	
TGA PBSA Asset Trust 5		SUBSIDIARY	
TGA PBSA Asset Trust 6		SUBSIDIARY	
TGA PBSA Hold Trust 2		SUBSIDIARY	
T-C Europe, LP	47-2369576	SUBSIDIARY	(22)
T-C Europe S.à r.l.		SUBSIDIARY	
T-C Denmark ApS		SUBSIDIARY	

COMPANY	FEIN	RELATIONSHIP	
T-C Europe, LP (continued)			
Nordsjællandshusene 2 ApS		SUBSIDIARY	
T-C Luxembourg Neptune Holding S.à r.l.		SUBSIDIARY	
T-C Neptune Holdings S.à r.l.		SUBSIDIARY	
Neptune Property Venture S.à r.l.		SUBSIDIARY	
Castel Guelfo I S.r.l.		SUBSIDIARY	
Neptune Holding Spain, S.L.		SUBSIDIARY	
Promcat Alternativa, S.L.		SUBSIDIARY	
Neptune Madrid Holdco,S.L.		SUBSIDIARY	
Neptune Nassica Propco S.L.		SUBSIDIARY	
Neptune Getafe Propco SL		SUBSIDIARY	
Neptune Las Rozas Outlet SL		SUBSIDIARY	
Neptune San Sebastian Outlet SL		SUBSIDIARY	
Neptune Ursus sp. z o.o		SUBSIDIARY	
Neptune Krakow sp. z o.o		SUBSIDIARY	
Neptune Annopol sp. z o.o		SUBSIDIARY	
Neptune Poznan sp. z o.o		SUBSIDIARY	
Neptune OPCI SAS		SUBSIDIARY	
Roppenheim Holding SAS		SUBSIDIARY	
Roppenheim Outlet SNC		SUBSIDIARY	(23)
Neptune Property Holding S.à r.l.		SUBSIDIARY	
Neptune Amsterdam B.V.		SUBSIDIARY	
Neptune Gliwice sp. z o.o		SUBSIDIARY	
Neptune Roppenheim Holding S.à r.l.		SUBSIDIARY	
Roppenheim Outlet SNC		SUBSIDIARY	(23)
Neptune Vicolungo I S.r.l.		SUBSIDIARY	
T-C Storage Portfolio HoldCo S.à r.l.		SUBSIDIARY	
T-C Nordics Investment AB		SUBSIDIARY	
T-C Storage HoldCo AB		SUBSIDIARY	
Green S AB		SUBSIDIARY	
Green S Andelar AB		SUBSIDIARY	
Green S Bygg AB		SUBSIDIARY	
Green S Portfölj 1 AB		SUBSIDIARY	
Green S Ankarsrum 4 AB		SUBSIDIARY	
Green S Domherren 5 AB		SUBSIDIARY	
Green S Ekfatet 4 AB		SUBSIDIARY	
Green S Förgasaren 5 AB		SUBSIDIARY	
Green S Huvudsta 3 29 AB		SUBSIDIARY	
Green S Kopparen 3 AB		SUBSIDIARY	
Green S Rasten 2 AB		SUBSIDIARY	
Green S Skälby 2 14 AB		SUBSIDIARY	
Green S Söderbymalm 7 14 AB		SUBSIDIARY	
Green S Veden 103 AB		SUBSIDIARY	
Green S Vreten 12 KB		SUBSIDIARY	
Green S Portfölj 2 AB		SUBSIDIARY	
Green S Sandarna 22 4 AB		SUBSIDIARY	
Green S Bävertanden 1 AB		SUBSIDIARY	
Green S Blixtljuset 15 AB		SUBSIDIARY	
Green S Hjulmakaren 2 AB		SUBSIDIARY	
Green S Kvillebäcken 60:16 AB		SUBSIDIARY	
Green S Norrtälje AB		SUBSIDIARY	
Green S Ormbunken 3 AB		SUBSIDIARY	
Green S Orren 2 AB		SUBSIDIARY	
Green S Rambergstaden 733 385 AB		SUBSIDIARY	
Green S Värmdö Gustavsberg 1 551 AB		SUBSIDIARY	
Green S Portfölj 7 AB		SUBSIDIARY	
Green S Bronsyxan 14 Malmö AB		SUBSIDIARY	
Fastighetsbolaget Malmö Holmen 11 AB		SUBSIDIARY	
Green S Bromsen 3 AB		SUBSIDIARY	
Green Storage AB		SUBSIDIARY	
Green S Mellanlagret 24 AB		SUBSIDIARY	
24Storage Sverige AB		SUBSIDIARY	

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

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

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

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

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

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

(21) 60 Great Portland Street Unit Trust (60GPS) is owned by TIAA via a 25% ownership of Cityhold Office Partnership S.à r.l., which owns Cityhold UK Holding S.à r.l. (99.4% of 60GPS) and Cityhold UK Investment S.à r.l. (0.6%).

(22) T-C Europe, LP is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA and 1% owned by TGA Minority Interest Holdings LLC.

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

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

LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP
T-C Europe, LP (continued)		
Green S Portfölj 3 AB		SUBSIDIARY
Green S Hisings Backa Kommanditbolag		SUBSIDIARY
Green S Insekten Kommanditbolag		SUBSIDIARY
Green S Söderby 1 Kommanditbolag		SUBSIDIARY
Green S Portfölj 4 AB		SUBSIDIARY
Green S Blästerugnen 4 AB		SUBSIDIARY
Green S Högsbo 28 AB		SUBSIDIARY
Green S Kuröd 4 AB		SUBSIDIARY
Green S Lärkträdet 6 AB		SUBSIDIARY
Green S Testaren 3 AB		SUBSIDIARY
Green S Varla 14 AB		SUBSIDIARY
Green S Portfölj 5 AB		SUBSIDIARY
Green S Åby 1 AB		SUBSIDIARY
Green S Bollmora 2 AB		SUBSIDIARY
Green S Kallhäll 9 AB		SUBSIDIARY
Green S Kungsholmen AB		SUBSIDIARY
Green S Lager Sundbyberg Tule AB		SUBSIDIARY
Green S Lännersta 11 AB		SUBSIDIARY
Green S Spiselhällen 3 i Stockholm AB		SUBSIDIARY
Green S Vargen 12 och 13 AB		SUBSIDIARY
Green S Portfölj 6 AB		SUBSIDIARY
Green S Bällsta 5 AB		SUBSIDIARY
Green S Fyrislund 11 AB		SUBSIDIARY
Green S Leasehold AB		SUBSIDIARY
Green S Lager Sundbyberg Alby AB		SUBSIDIARY
Green S Nicklet 2 i Stockholm AB		SUBSIDIARY
Green S Örsö 1 AB		SUBSIDIARY
Green S Pelargonian 8 AB		SUBSIDIARY
Green S Portfölj 8 AB		SUBSIDIARY
Green S Skjutstallslyckan 22 AB		SUBSIDIARY
Green S Sminkören 1 AB		SUBSIDIARY
Self Storage Group AS		SUBSIDIARY
City Self-Storage Norge AS		SUBSIDIARY
City Self-Storage Sverige AB		SUBSIDIARY
Green N Bygg AS		SUBSIDIARY
Green Storage AS		SUBSIDIARY
Green Storage A/S		SUBSIDIARY
Green D Property A/S		SUBSIDIARY
Green D Byg ApS		SUBSIDIARY
OK Property AS		SUBSIDIARY
OK Minilager AS		SUBSIDIARY
Mel Asker 23 AS		SUBSIDIARY
TC-Norway AS		SUBSIDIARY
Bilittveien 6 AS		SUBSIDIARY
Lonningsflaten 22 Eiendom AS		SUBSIDIARY
Skedsmo Logistikk AS		SUBSIDIARY
T-C GA Real Estate Holdings LLC	45-2877772	SUBSIDIARY
8 Spruce Street GA Investor LLC	46-0959792	SUBSIDIARY
2300 Broadway Storage Operator LLC	84-2144204	SUBSIDIARY
T-C 2 Herald Square Member LLC	47-1535030	SUBSIDIARY
T-C 2 Herald Square Venture LLC	47-1650509	SUBSIDIARY
T-C 2 Herald Square Owner LLC	47-1488131	SUBSIDIARY
T-C 2 Herald Square Condo Unit Owner LLC	33-2279148	SUBSIDIARY
T-C 2 Herald Square Ground Lessee LLC	33-2268658	SUBSIDIARY
T-C 2 Herald Square Ground Sublessee LLC	33-2278716	SUBSIDIARY
T-C 470 Park Avenue South Member LLC	46-1754709	SUBSIDIARY
T-C 470 Park Avenue South Venture LLC	46-1744112	SUBSIDIARY
T-C 475 Fifth Avenue Member LLC	46-1828055	SUBSIDIARY
T-C 475 Fifth Avenue Venture LLC	46-1839003	SUBSIDIARY
T-C 475 Fifth Avenue LLC	45-3229803	SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
T-C GA Real Estate Holdings LLC (continued)		
T-C 888 Brannan Member LLC	47-4665824	SUBSIDIARY
T-C 2300 Broadway LLC	45-3479701	SUBSIDIARY
T-C Aspira LLC	46-1220681	SUBSIDIARY
T-C Hall of States Member LLC	47-2023405	SUBSIDIARY
T-C Hall of States Venture LLC	47-2043468	SUBSIDIARY
T-C Hall of States Owner LLC	47-2034237	SUBSIDIARY
T-C Kings Crossing LLC	45-4045658	SUBSIDIARY
T-C Legacy Place Member LLC	46-1120016	SUBSIDIARY
Legacy Place Associates LLC	46-0876833	SUBSIDIARY
300 Legacy Place Boulevard LLC		SUBSIDIARY
Legacy Place Properties LLC	30-0769316	SUBSIDIARY
TGA Cass White 75 LLC	87-3992388	SUBSIDIARY
TGA Forum on Peachtree Investor Member LLC	88-1007987	SUBSIDIARY
TGA NAP Forum on Peachtree Venture LLC	88-1007587	SUBSIDIARY
TGA NAP Forum on Peachtree Owner LLC	88-1007172	SUBSIDIARY
TGA Lonestar Investor Member LLC	88-1913177	SUBSIDIARY
TGA BSL Lonestar JV LLC	88-2029531	SUBSIDIARY
TGA BSL Lonestar Owner LLC	88-1913518	SUBSIDIARY
TGA Midway Distribution Center LLC	87-4019549	SUBSIDIARY
TGA MOB 5005 McConnell Member LLC	88-0655999	SUBSIDIARY
TGANX MOB 5005 McConnell Venture LLC	88-0656194	SUBSIDIARY
TGA MOB 5005 McConnell LLC	88-0655748	SUBSIDIARY
TGA Speedway Distribution Center LLC	88-0635252	SUBSIDIARY
The Flats Holding Company LLC	47-1379500	SUBSIDIARY
The Flats 130 DC Residential LLC	47-1347366	SUBSIDIARY
The Flats 140 DC Residential LLC	47-1363564	SUBSIDIARY
The Flats DC Grocery LLC	47-1367530	SUBSIDIARY
T-C Lux Fund Holdings LLC	47-4095803	SUBSIDIARY
T-C Lux Investments Special Limited Partnership		SUBSIDIARY
European Cities Partnership SCSp		AFFILIATE
T-C MV Member LLC	81-4583865	SUBSIDIARY
T-C M-T REIT LLC	81-4599024	SUBSIDIARY
T-C MV Member II LLC		SUBSIDIARY
T-C M-T REIT II LLC	84-3224525	SUBSIDIARY
TC MT II Originations TRS LLC	85-2937933	SUBSIDIARY
T-C Permian Investor LLC	82-1023309	SUBSIDIARY
T-C SBMC Joint Venture LLC	46-3007720	SUBSIDIARY
T-C SMA 2, LLC	36-4620008	SUBSIDIARY
PennMuni-TIAA U.S. Real Estate Fund, LLC	36-4619998	SUBSIDIARY
T-C SV Member LLC	87-2891643	SUBSIDIARY
T-C S-T REIT LLC	87-2974041	SUBSIDIARY
T-C The Edge at Flagler Village LLC	81-2204918	SUBSIDIARY
T-C UK RE Holdings III, LLC	81-3299073	SUBSIDIARY (24)
T-C UK Open Storage S.à r.l.		SUBSIDIARY
T-C UK Open Storage 2 S.à r.l.		SUBSIDIARY
T-C U.S. Super Regional Mall Fund LP	47-3148337	SUBSIDIARY
T-C Waterford Blue Lagoon General Partner LLC	47-5379777	SUBSIDIARY
Waterford Blue Lagoon LP	47-5392075	SUBSIDIARY (25)
T-C Waterford Blue Lagoon LLC	47-5375805	SUBSIDIARY
Waterford Blue Lagoon LP	47-5392075	SUBSIDIARY (25)
Westland At Waterford REIT General Partner LLC	81-0779817	SUBSIDIARY
Waterford Blue Lagoon REIT General Partner LLC		SUBSIDIARY
Waterford Blue Lagoon REIT LP	47-5305678	SUBSIDIARY
5201-5301 Waterford General Partner LLC	47-5642524	SUBSIDIARY
5201-5301 Waterford Operating LP	47-5541032	SUBSIDIARY
5200 Waterford General Partner LLC	47-5672651	SUBSIDIARY
5200 Waterford Operating LP	47-5498897	SUBSIDIARY
1000 Waterford General Partner LLC	81-0722154	SUBSIDIARY
1000 Waterford Operating LP	47-5479437	SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
T-C Waterford Blue Lagoon LLC (continued)		
701-703 Waterford General Partner LLC	47-5445045	SUBSIDIARY
701-703 Waterford Operating LP	47-5471474	SUBSIDIARY
Waterford Core REIT General Partner LLC	82-2631273	SUBSIDIARY
Waterford Core REIT LP	82-2646233	SUBSIDIARY
Waterford Core 800 REIT General Partner LLC		SUBSIDIARY
Waterford Core 800 REIT LP	84-3541603	SUBSIDIARY
Waterford Core General Partner LLC	81-0733012	SUBSIDIARY
Waterford Core Operating LP	47-5587163	SUBSIDIARY
Waterford Core II Operating LP	82-2663579	SUBSIDIARY
Waterford Core II General Partner LLC	82-2672297	SUBSIDIARY
TCGA Realty LLC	39-4405167	SUBSIDIARY
TGA Gallery Longmont Investor Member LLC	41-3170085	SUBSIDIARY
TGA Reserve At Cherry Creek Investor Member LLC	39-4404650	SUBSIDIARY
TGA Reserve Sarasota Investor Member LLC	41-3092454	SUBSIDIARY
TEFF Holdco LLC	81-2146865	SUBSIDIARY
TIAA European Farmland Fund GP LP	98-1310729	SUBSIDIARY (2)
TIAA European Farmland Fund LP	98-1310748	SUBSIDIARY
TEFF Holding S.à r.l.		SUBSIDIARY
Areal III sp. z o.o		SUBSIDIARY
Hodowla Zwierząt Zarodowych Choczewo sp. z o.o		SUBSIDIARY
Hodowla Zwierząt Zarodowych Wierzchucino sp. z o.o		SUBSIDIARY
Hodowla Zwierząt Zarodowych Zarnowiec sp. z o.o		SUBSIDIARY
Dangro Invest A/S		SUBSIDIARY
Agat sp. z o.o		SUBSIDIARY
Agrifarm sp. z o.o		SUBSIDIARY
Agro-Dubliny sp. z o.o		SUBSIDIARY
Agroland sp. z o.o		SUBSIDIARY
Amal sp. z o.o		SUBSIDIARY
Cisy sp. z o.o		SUBSIDIARY
Kolno sp. z o.o		SUBSIDIARY
Satopy Spolka z o.o.		SUBSIDIARY
See-Agro sp. z o.o		SUBSIDIARY
Sobieradz sp. z o.o		SUBSIDIARY
Pszenrol sp. z o.o		SUBSIDIARY
Budus sp. z o.o		SUBSIDIARY
Lozice Spolka z o.o.		SUBSIDIARY
Ogardy sp. z o.o		SUBSIDIARY
Rola sp. z o.o		SUBSIDIARY
Rolpol sp. z o.o		SUBSIDIARY
Rolzbud sp. z o.o		SUBSIDIARY
Szafir sp. z o.o		SUBSIDIARY
Walichnowy sp. z o.o		SUBSIDIARY
Wezíny Spolka. z o.o.		SUBSIDIARY
Ziemrol sp. z o.o		SUBSIDIARY
Adamas sp. z o.o		SUBSIDIARY
Amber sp. z o.o		SUBSIDIARY
Cieszysław sp. z o.o		SUBSIDIARY
Jarosławsko I sp. z o.o		SUBSIDIARY
Jarosławsko II sp. z o.o		SUBSIDIARY
Jasionno sp. z o.o		SUBSIDIARY
Opal sp. z o.o		SUBSIDIARY
Tetyn sp. z o.o		SUBSIDIARY
Gospodarstwo Okopy sp. z o.o		SUBSIDIARY
Agrohop Bielice sp. z o.o		SUBSIDIARY
Agrohop Service sp. z o.o		SUBSIDIARY
Agrohop sp. z o.o		SUBSIDIARY
Agrohop Bis sp. z o.o		SUBSIDIARY
Cieszanowice Solar Park sp. z o.o w likwidacji		SUBSIDIARY
Przedsiebiorstwo Rolne Okopy sp. z o.o		SUBSIDIARY

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

(24) T-C UK RE Holdings III, LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA and 1% owned by TGA Minority Interest Holdings LLC.

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

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

LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP	
TGA 10th Street Business Park LLC	84-3332496	SUBSIDIARY	
TGA 127-137 Franklin LLC	82-1645257	SUBSIDIARY	
TGA 2160 E 7th Street LLC	92-1884082	SUBSIDIARY	
TGA 26600-26700 Aliso Viejo Parkway LLC	87-1739826	SUBSIDIARY	
TGA 3401 North Ashton Blvd LLC	83-2957526	SUBSIDIARY	
TGA 3851 Grandpine Way LLC	82-4830474	SUBSIDIARY	
TGA 600 College Road LLC	81-3988795	SUBSIDIARY	
TGA 601D Operating Member LLC	88-0637658	SUBSIDIARY	
TGA 730 Third Avenue Owner LLC	83-2548459	SUBSIDIARY	
TGA 8500-8551 Research Way LLC	87-1740428	SUBSIDIARY	
TGA Airport East 3 LLC	33-4374748	SUBSIDIARY	
TGA Airtech14 LLC	99-2069142	SUBSIDIARY	
TGA APAC Debt Holdings, LLC	33-1606078	SUBSIDIARY	
TGA APAC Fund Holdings, LLC	82-2225812	SUBSIDIARY	
Asia Pacific Cities Fund FCP	98-1429292	SUBSIDIARY	(26)
TGA APAC RE Holdings Pte. Ltd.		SUBSIDIARY	
TGA Real Estate Fund Holdings, LLC	82-2311300	SUBSIDIARY	
Asia Pacific Cities Fund FCP	98-1429292	SUBSIDIARY	(26)
TGA ASI Eagles Landing Investor Member LLC	87-4097244	SUBSIDIARY	
TGA ASI Mission Trails Investor Member LLC	88-1120507	SUBSIDIARY	
TGA ASI Monte Vista Investor Member LLC	86-3673675	SUBSIDIARY	
TGA ASI Riverstone Investor Member LLC	86-2376987	SUBSIDIARY	
TGA ASI Sage Investor Member LLC	87-3063209	SUBSIDIARY	
TGA ASI Sierra Vista Investor Member LLC	88-1120056	SUBSIDIARY	
TGA Auburn Business Park LLC	84-3830265	SUBSIDIARY	
TGA Aurora DC III LLC	84-3285557	SUBSIDIARY	
TGA Baltimore IC LLC	84-3475931	SUBSIDIARY	
TGA Barnes Canyon Life Science LLC	83-1851559	SUBSIDIARY	
TGA Beckwith Farms LLC	84-3303586	SUBSIDIARY	
TGA Bedford Park LLC	84-3314123	SUBSIDIARY	
TGA Bloomingdale CC LLC	99-3937615	SUBSIDIARY	
TGA Boulder Creek LLC	85-4073425	SUBSIDIARY	
TGA Bridge Creek LLC	85-4073222	SUBSIDIARY	
TGA Bridge Point LLC	84-3441362	SUBSIDIARY	
TGA Cactus DC I LLC	84-2939313	SUBSIDIARY	
TGA Capital Beltway CC LLC	84-3523623	SUBSIDIARY	
TGA Capital Gateway LLC	92-1681994	SUBSIDIARY	
TGA Center Square DC LLC	84-3487859	SUBSIDIARY	
TGA Centerpointe LLC	84-3314029	SUBSIDIARY	
TGA Connection at Athens Investor Member LLC	83-0780652	SUBSIDIARY	
PEP-TH Athens, LLC	61-1892161	SUBSIDIARY	
PEP- Athens, LLC	83-1011298	SUBSIDIARY	
TGA Country Club Plaza Investor LLC		SUBSIDIARY	
TGA Creekside Village Investor Member LLC	85-1065963	SUBSIDIARY	
TGA East Coronado Industrial LLC	84-3740496	SUBSIDIARY	
TGA East Miraloma Industrial LLC	84-3740590	SUBSIDIARY	
TGA Emerald Corporate Park LLC	84-3740669	SUBSIDIARY	
TGA Englewood DC LLC	84-3502383	SUBSIDIARY	
TGA Enterprise Park Business Center LLC	85-4076202	SUBSIDIARY	
TGA European RE Holdings I LLC	83-2810033	SUBSIDIARY	(27)
Eagle GPCo S.à r.l.		SUBSIDIARY	
Eagle Partnership SCSp		SUBSIDIARY	
Eagle JVCo S.à r.l.		SUBSIDIARY	
CB Krieau Dzwei GmbH		SUBSIDIARY	
VIE Student House A GmbH & Co KG		SUBSIDIARY	(28)
Eagle Austria Holdings S.à r.l.		SUBSIDIARY	
VIE Student House A GmbH & Co KG		SUBSIDIARY	(28)
Wrocław Fabryczna 22 sp. z o.o		SUBSIDIARY	
Wrocław Prusa 9 sp. z o.o		SUBSIDIARY	

COMPANY	FEIN	RELATIONSHIP	
TGA European RE Holdings I LLC (continued)			
European Value Add Minority Invest S.à r.l .		SUBSIDIARY	
Preferred Housing Living Limited		SUBSIDIARY	
PHLL Holdco Limited		SUBSIDIARY	
PHL Bicester Limited		SUBSIDIARY	
PHL Burton Limited		SUBSIDIARY	
PHL Camborne Limited		SUBSIDIARY	
PHL Crawley Limited		SUBSIDIARY	
PHL Exeter Limited		SUBSIDIARY	
PHL Leeds Limited		SUBSIDIARY	
PHL Leicester Limited		SUBSIDIARY	
PHL Nottingham Limited		SUBSIDIARY	
PHL Shrewsbury Limited		SUBSIDIARY	
PHL Telford Limited		SUBSIDIARY	
TGA Housing Holding S.à r.l.		SUBSIDIARY	
TIAA General Account Housing German Property GmbH		SUBSIDIARY	
TIAA General Account Housing German Services GmbH		SUBSIDIARY	
TK Living GPCo S.à r.l.		SUBSIDIARY	
TK Living Partnership SCSp		SUBSIDIARY	
TK Living JVCo S.à r.l.		SUBSIDIARY	
Lotomint, S.L.		SUBSIDIARY	
Carminsin, S.L.		SUBSIDIARY	
Crisatino, S.L.		SUBSIDIARY	
Lucerini, S.L.		SUBSIDIARY	
Mangaralia, S.L.		SUBSIDIARY	
Sanfergar, S.L.		SUBSIDIARY	
Stay by Kronos Cordoba, S.L.		SUBSIDIARY	
Stay by Kronos Cuatro Vientos, S.L.		SUBSIDIARY	
Stay by Kronos Pamplona, S.L.		SUBSIDIARY	
Tinesen, S.L.		SUBSIDIARY	
Valdonaire Developments, SL		SUBSIDIARY	
Vesterone, S.L.		SUBSIDIARY	
Weslinero, S.L.		SUBSIDIARY	
TGA European RE Holdings III LLC	33-2882302	SUBSIDIARY	(29)
Studenthousing Holding SCSp		SUBSIDIARY	
Student Housing Master LuxCo S.à r.l.		SUBSIDIARY	
Student Housing PropCo SNC 1		SUBSIDIARY	
Student Housing PropCo SNC 2		SUBSIDIARY	
Student Housing PropCo SNC 3		SUBSIDIARY	
Student Housing PropCo SNC 4		SUBSIDIARY	
Student Housing PropCo SNC 5		SUBSIDIARY	
Student Housing PropCo SNC 6		SUBSIDIARY	
Student Housing PropCo SNC 7		SUBSIDIARY	
TGA Studenthousing S.à r.l.		SUBSIDIARY	
TGA European RE Holdings IV, LLC	39-4937326	SUBSIDIARY	
TGA Co-Investments SCSp		SUBSIDIARY	
TGA Co-Investments Master LuxCo S.à r.l.		SUBSIDIARY	
TGA European RE Holdings V, LLC	41-2458764	SUBSIDIARY	
TGA FC Investor Member LLC		SUBSIDIARY	
Fenway Center Holding 1-2, LLC	82-2708488	SUBSIDIARY	
Fenway Center Owner 1-2, LLC	82-2708488	SUBSIDIARY	
TGA Franklin Square IC I LLC	84-3523773	SUBSIDIARY	
TGA Franklin Square IC II LLC	84-3523813	SUBSIDIARY	
TGA Freeport DC LLC	84-3332846	SUBSIDIARY	
TGA Germann Road Apartments LLC	88-4247949	SUBSIDIARY	
TGA GP Holdco Parent LLC	92-0783347	SUBSIDIARY	
Mill Plain Properties, LLC	20-1889464	SUBSIDIARY	
Morris Avenue Master Tenant, LLC	46-5754231	SUBSIDIARY	
Morris Avenue Parking LLC	83-2870641	SUBSIDIARY	
Omni Subnote, LLC	86-1818790	SUBSIDIARY	
Omni TEM, LLC	85-4308136	SUBSIDIARY	

COMPANY	FEIN	RELATIONSHIP	
TGA GP Holdco Parent LLC (continued)			
ONY Funding, LLC	85-3796114	SUBSIDIARY	
TGA GP Holdco LLC	88-4207931	SUBSIDIARY	
525 Sawyer Developer LLC	33-2351562	SUBSIDIARY	
620 Norton Road GP LLC	33-3194474	SUBSIDIARY	
Admiral Halsey II GP Member LLC	33-1627834	SUBSIDIARY	
BH Towers GP LLC	33-3750977	SUBSIDIARY	
Bradford House GP LLC	39-2101771	SUBSIDIARY	
Bradford House LP	39-2121093	SUBSIDIARY	
Carbondale Mill St GP LLC	33-3728279	SUBSIDIARY	
Clay Arsenal Apartments Developers, LLC	85-2886948	SUBSIDIARY	
DF Warrington I Developers LLC	39-4186977	SUBSIDIARY	
Huntley Villa GP LLC	33-3632985	SUBSIDIARY	
Inhofe Plaza Apts GP LLC	33-2953055	SUBSIDIARY	
Lakeside Homes GP LLC	39-2255743	SUBSIDIARY	
Lakeside Homes Owner LP	39-2255231	SUBSIDIARY	
Maple Oak Apts GP LLC	33-4040628	SUBSIDIARY	
Morningside Gardens Apts GP LLC	33-3889430	SUBSIDIARY	
New OMP Parkside Developer LLC	92-3870148	SUBSIDIARY	
New OMP Woodland Springs LLC	92-3870428	SUBSIDIARY	
New Woodland Springs Developers LLC	92-3889182	SUBSIDIARY	
OMA Kawaida Towers LLC	88-3669168	SUBSIDIARY	
Kawaida Towers Developers, LLC	88-1664419	SUBSIDIARY	
Omni America LLC	16-1752231	SUBSIDIARY	
Omni Bayfront Jersey City LLC	85-1963810	SUBSIDIARY	
Omni Bayfront Jersey City II LLC	92-3556369	SUBSIDIARY	
Omni Sutter LLC		SUBSIDIARY	
Omni WTC, LLC	85-4282616	SUBSIDIARY	
OMP Admiral Halsey II, LLC	87-1116091	SUBSIDIARY	
Admiral Halsey II Developers, LLC	87-1116970	SUBSIDIARY	
OMP Barbara Jordan I, LLC	81-1609610	SUBSIDIARY	
OMP Carver Hall, LLC	47-2108082	SUBSIDIARY	
OMP Clay Arsenal Apartments, LLC	85-2926783	SUBSIDIARY	
OMP Elizabeth Crossings, LLC	27-0141683	SUBSIDIARY	
OMP Garden Spires, LLC	46-4588441	SUBSIDIARY	
OMP Newport Gardens Apartments, LLC	81-1559839	SUBSIDIARY	
OMP River Park Bronx Apartments, LLC	45-5179236	SUBSIDIARY	
OMP Rockville Mill RiverLLC	87-2248055	SUBSIDIARY	
OMP Spruce Spires, LLC	46-4663704	SUBSIDIARY	
OMP Wesley, LLC	26-3290395	SUBSIDIARY	
OMP Woodland Springs, LLC	47-1449544	SUBSIDIARY	
ONY 2059 Madison, LLC	27-0952876	SUBSIDIARY	
2059 Madison Developers, LLC	27-0953168	SUBSIDIARY	
ONY Acceptance, LLC	85-4233911	SUBSIDIARY	(30)
ONY Admiral Halsey, LLC	20-5899799	SUBSIDIARY	
Admiral Halsey Developers, LLC	20-5901150	SUBSIDIARY	
Admiral Halsey LP Member LLC	33-1293156	SUBSIDIARY	
ONY Baisley, LLC	80-0161362	SUBSIDIARY	
Baisley Developers, LLC	80-0161368	SUBSIDIARY	
ONY Barbara Jordan I, LLC	81-1609431	SUBSIDIARY	
Barbara Jordan I Developers, LLC	81-1609708	SUBSIDIARY	
ONY Bedell, LLC	26-4595075	SUBSIDIARY	
Bedell Terrace Developers, LLC	26-4595148	SUBSIDIARY	
ONY Carver Hall, LLC	47-2052027	SUBSIDIARY	
Carver Hall Developers, LLC	47-2047789	SUBSIDIARY	
ONY Elizabeth Crossings, LLC	02-0772539	SUBSIDIARY	
Elizabeth Crossings Developers, LLC	03-0585654	SUBSIDIARY	
ONY Florence Apartments, LLC	26-2696384	SUBSIDIARY	
Florence Apartments Developers, LLC	26-2696576	SUBSIDIARY	
ONY Forestvale Apartments, LLC	26-2696040	SUBSIDIARY	
Forestvale Apartments Developers, LLC	26-2696506	SUBSIDIARY	

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

(27) TGA European RE Holdings I LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA and 1% owned by TGA Minority Interest Holdings LLC.

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

(29) TGA European RE Holdings III LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA and 1% owned by TGA Minority Interest Holdings LLC.

(30) ONY Acceptance, LLC is ultimately controlled and owned entirely by TIAA, with 67.5% owned by TGA GP Holdco LLC and 32.5% owned by TGA GP NY Holdco LLC.

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

LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP
TGA GP Holdco Parent LLC (continued)		
ONY Garden Spires, LLC	46-4544899	SUBSIDIARY
Garden Spires Developers, LLC	46-4519517	SUBSIDIARY
ONY Grace, LLC		SUBSIDIARY
Grace Towers Developers, LLC	72-1607422	SUBSIDIARY
ONY Grote Street, LLC	27-2308555	SUBSIDIARY
Grote Street Developers, LLC	27-2308863	SUBSIDIARY
ONY Harborview Towers, LLC	27-0616100	SUBSIDIARY
Harborview Towers Developers, LLC	27-0619638	SUBSIDIARY
ONY Newport Gardens Apartments, LLC	81-1559738	SUBSIDIARY
Newport Gardens Apartments Developers, LLC	81-1559908	SUBSIDIARY
ONY OLR LBCE, LLC	27-3126921	SUBSIDIARY
OLR LBCE Developers, LLC	27-3127095	SUBSIDIARY
ONY OLR MM, LLC	27-3126431	SUBSIDIARY
OLR MM Developers, LLC	27-3126533	SUBSIDIARY
ONY Remeeder Houses, LLC	20-8997730	SUBSIDIARY
Remeeder Houses Developers, LLC	20-8998138	SUBSIDIARY
ONY River Park Bronx Apartments, LLC	45-5178997	SUBSIDIARY
River Park Bronx Apartments Developers, LLC	45-5179306	SUBSIDIARY
ONY Spruce Spires, LLC	46-4628968	SUBSIDIARY
Spruce Spires Developers, LLC	46-4528914	SUBSIDIARY
ONY Sycamore Village, LLC	26-2603293	SUBSIDIARY
Sycamore Village Developers, LLC	26-2696625	SUBSIDIARY
ONY Target V, LLC	11-3773161	SUBSIDIARY
Target V Developers, LLC	11-3773163	SUBSIDIARY
ONY Twin Parks, LLC	27-2310290	SUBSIDIARY
Twin Parks Developers, LLC	27-2310510	SUBSIDIARY
ONY Wesley, LLC	26-3286670	SUBSIDIARY
Wesley Developers, LLC	26-3287450	SUBSIDIARY
ONY West Village, LLC	26-0517489	SUBSIDIARY
West Village Developers, LLC	26-0517581	SUBSIDIARY
ONY Whitney Young, LLC	20-5088014	SUBSIDIARY
Whitney Young Developers, LLC	20-5087669	SUBSIDIARY
ONY Woodland Springs, LLC	47-1436537	SUBSIDIARY
Woodland Springs Developers, LLC	47-1459393	SUBSIDIARY
ONY Woodland Townhomes, LLC	47-5597060	SUBSIDIARY
Woodland Townhomes Developers, LLC	47-5597102	SUBSIDIARY
Plaza Hills Apts GP LLC	33-2908084	SUBSIDIARY
Summit Towers Apts GP LLC	33-3821036	SUBSIDIARY
Skyline Special Member Inc.	99-2918165	SUBSIDIARY
TGA DF 525 Sawyer LLC		SUBSIDIARY
TGA DF 620 Norton Road LLC		SUBSIDIARY
TGA DF Admiral Halsey II LLC	99-4483870	SUBSIDIARY
TGA DF BH Towers LLC	33-4477434	SUBSIDIARY
TGA DF Bradford House LLC	39-2102541	SUBSIDIARY
TGA DF Carbondale Mill St LLC	33-3678917	SUBSIDIARY
TGA DF Huntley Villa LLC	33-3643627	SUBSIDIARY
TGA DF Inhofe Plaza Apts LLC	33-2953651	SUBSIDIARY
TGA DF Lakeside Homes LLC		SUBSIDIARY
TGA DF Maple Oak Apts LLC	33-4128646	SUBSIDIARY
TGA DF Morningside Gardens Apts LLC	33-3889747	SUBSIDIARY
TGA DF Plaza Hills Apts LLC	33-2907660	SUBSIDIARY
TGA DF Summit Towers Apts LLC	33-3855113	SUBSIDIARY
TGA DF The Overlook Apts LLC	33-4234639	SUBSIDIARY
TGA DF Thomas Campbell Apts LLC	33-4259869	SUBSIDIARY
TGA DF Wedgewood Village LLC	33-4168298	SUBSIDIARY
TGA DF WY Manor LLC	93-2848608	SUBSIDIARY
TGA KT LP LLC	92-3528354	SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
TGA GP Holdco Parent LLC (continued)		
TGA LP Interim LLC	93-4382389	SUBSIDIARY
TGA Sawyer Member LLC	33-4408481	SUBSIDIARY
The Overlook Apts GP LLC	33-4259505	SUBSIDIARY
Thomas Campbell Apts GP LLC	33-4212519	SUBSIDIARY
Thomas Campbell Apts LP	33-4211941	SUBSIDIARY
Warrington Development Limited, LLC	87-3701483	SUBSIDIARY
Warrington Development Partners Limited Partnership	87-3695550	SUBSIDIARY
Warrington I Developers, LLC	87-3695790	SUBSIDIARY
Wedgewood Village GP LLC	33-4168616	SUBSIDIARY
Wedgewood Village LP	33-4183212	SUBSIDIARY
WYM Master Tenant LLC	93-4835647	SUBSIDIARY
WYM Special Member Inc.	93-4617442	SUBSIDIARY
TGA GP NY Holdco LLC	88-4400855	SUBSIDIARY
Archer Green Apartments Developers, LLC	81-4697547	SUBSIDIARY
Archer Green MI Associates, LLC	82-2001335	SUBSIDIARY
Archer Green Apartments Opportunity Fund, LLC	83-0748459	SUBSIDIARY
Archer Green Moderate, LLC	82-5443615	SUBSIDIARY
Morris II Moderate, LLC		SUBSIDIARY
OMP Hunts Point, LLC	47-3191767	SUBSIDIARY
OMP Longwood Residences, LLC	46-1930829	SUBSIDIARY
OMP Maria Lopez, LLC	80-0161319	SUBSIDIARY
OMP Morris Avenue Apartments, LLC	45-5530487	SUBSIDIARY
OMP Morris II Apartments, LLC	47-5325242	SUBSIDIARY
ONY Acceptance, LLC	85-4233911	SUBSIDIARY (30)
ONY Betty Shabazz, LLC	27-0936457	SUBSIDIARY
Betty Shabazz Developers, LLC	27-0937093	SUBSIDIARY
ONY DCA 1, LLC	45-2704113	SUBSIDIARY
DCA 1 Developers, LLC	45-2702128	SUBSIDIARY
ONY Good Neighbor, LLC	27-3223641	SUBSIDIARY
Good Neighbor Developers, LLC	27-3223796	SUBSIDIARY
ONY Hunts Point, LLC	47-3122905	SUBSIDIARY
Hunts Point Developers, LLC	47-3122662	SUBSIDIARY
ONY Longwood Residences, LLC	46-1853725	SUBSIDIARY
Longwood Residences Developers, LLC	46-1840708	SUBSIDIARY
ONY Maria Lopez, LLC	80-0161324	SUBSIDIARY
Maria Lopez Developers, LLC	80-0161335	SUBSIDIARY
ONY Medgar Evers, LLC	27-0935733	SUBSIDIARY
Medgar Evers Developers, LLC	27-0935981	SUBSIDIARY
ONY Morris Avenue Apartments, LLC	45-5541057	SUBSIDIARY
Morris Avenue Apartments Developers, LLC	45-5549281	SUBSIDIARY
ONY Morris II Apartments, LLC	47-5325109	SUBSIDIARY
ONY OLR ECW, LLC	27-3126017	SUBSIDIARY
OLR ECW Developers, LLC	27-3126205	SUBSIDIARY
ONY Plaza, LLC	20-5920876	SUBSIDIARY
Plaza Developers, LLC	20-5921025	SUBSIDIARY
ONY Southern Blvd I, LLC	45-3516982	SUBSIDIARY
Southern Blvd I Developers, LLC	45-3517087	SUBSIDIARY
TGA AG Manager LLC	92-3513586	SUBSIDIARY
Archer Green Retail, LLC		SUBSIDIARY
OMP Archer Green Apartments, LLC	81-4711892	SUBSIDIARY
TGA GP NW Bronx Investor LLC	93-4391730	SUBSIDIARY
TGA GP Union Investor LLC	93-3033005	SUBSIDIARY
TGA LP NW Bronx Investor LLC	93-4412965	SUBSIDIARY
TGA LP Union Investor LLC	93-3018714	SUBSIDIARY
TGA NW Bronx Preservation DF LLC		SUBSIDIARY
TGA GP TX HoldCo LLC	92-2882920	SUBSIDIARY
Baytown Special Member Inc.	99-3948574	SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
TGA GP Holdco Parent LLC (continued)		
Belle Oaks Apartments Developers, LLC	88-1104247	SUBSIDIARY
Belle Oaks Developers LLC	93-3006227	SUBSIDIARY
Bradford Apartments Developers, LLC	88-0822913	SUBSIDIARY
Chip Townhouses Developers, LLC	88-0901220	SUBSIDIARY
Edenwood Apartments Developers, LLC	88-0822771	SUBSIDIARY
Omni Portfolio II LLC	88-0709319	SUBSIDIARY
Bradford Apartments, L.P.	88-0857294	SUBSIDIARY
Chip Townhouses, L.P.	88-0901067	SUBSIDIARY
Edenwood Apartments, L.P.	88-0857235	SUBSIDIARY
Skyline Terrace Apartments, L.P.	88-0937437	SUBSIDIARY
Skyline Terrace Apartments Developers, LLC	88-0938872	SUBSIDIARY
TGA DF Baytown LLC	93-2848346	SUBSIDIARY
TGA DF Belle Oaks Apts LLC	93-3017590	SUBSIDIARY
TGA DF Bradford Apts LLC	93-2789390	SUBSIDIARY
TGA DF Chip Townhouses LLC	93-3017887	SUBSIDIARY
TGA DF Edenwood Apts LLC	93-2803479	SUBSIDIARY
TGA DF Skyline Terrace Apartments LLC	93-3018196	SUBSIDIARY
TGA DF Union Park Apts LLC	93-4856387	SUBSIDIARY
TGA DF Union Pines Apts LLC	93-4856783	SUBSIDIARY
Union Park Apartments, L.P.	88-1394148	SUBSIDIARY
Union Park Apartments Developers, LLC	88-1104379	SUBSIDIARY
Union Pines Apartments, L.P.	88-1394380	SUBSIDIARY
Union Pines Apartments Developers, LLC	88-1104447	SUBSIDIARY
Village at Baytown Developers, LLC	88-2613798	SUBSIDIARY
Village Lane Developers LLC	93-2848078	SUBSIDIARY
TGA GP Holdco Parent II LLC	92-3556080	SUBSIDIARY
TGA GP Holdco II LLC	92-3528613	SUBSIDIARY
TGA MH Investor Member LLC	84-2765297	SUBSIDIARY
TGA MH III Investor Member LLC	84-2765297	SUBSIDIARY
TGA Greenstone Logistics Center LLC	84-3740749	SUBSIDIARY
TGA Hagerstown DC LLC	84-3463522	SUBSIDIARY
TGA Hollins End LLC	84-3475313	SUBSIDIARY
TGA I-95 DC LLC	84-3523721	SUBSIDIARY
TGA JL Investor Member LLC	84-3718861	SUBSIDIARY
TGA JL II Investor Member LLC	84-4376472	SUBSIDIARY
TGA JL III CT Investor Member LLC	87-1280436	SUBSIDIARY
TGA JL MCF Investor Member LLC	85-1292481	SUBSIDIARY
TGA JL MCF II Investor Member LLC	87-4248374	SUBSIDIARY
TGA Lakes at Indian Creek Investor Member LLC	85-4075985	SUBSIDIARY
TGA Landover DC LLC	84-3523582	SUBSIDIARY
TGA Lending III LLC		SUBSIDIARY
CPF/UIR JV Member LLC	81-2914954	SUBSIDIARY
CPF/UIR Joint Venture LLC	81-2928112	SUBSIDIARY
CPF 856 Market Street LLC	81-2982618	SUBSIDIARY
CPF 1511 Third Avenue LLC	81-2973332	SUBSIDIARY
T-C 1608 Chestnut General Partner LLC	47-3357982	SUBSIDIARY
1608 Chestnut Partners, LP	23-3049052	SUBSIDIARY (31)
T-C 1608 Chestnut Limited Partner LLC	47-3337561	SUBSIDIARY
1608 Chestnut Partners, LP	23-3049052	SUBSIDIARY (31)
TGA Los Tres Investor Member LLC	87-3398451	SUBSIDIARY
TGA Maryland Farms Holdings LLC	84-4773958	SUBSIDIARY
U.S. Cities Office Fund Maryland Farms Co-Invest	84-4775239	SUBSIDIARY (32)
TGA Minority Interest Holdings LLC	88-1762996	SUBSIDIARY
ND Properties LLC	11-3034756	SUBSIDIARY (15)
T-C Europe, LP	47-2369576	SUBSIDIARY (22)
T-C UK RE Holdings III, LLC	47-2369576	SUBSIDIARY (24)
TGA European RE Holdings I LLC	83-2810033	SUBSIDIARY (27)
TGA European RE Holdings III LLC	33-2882302	SUBSIDIARY (29)

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

(22) T-C Europe, LP is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA and 1% owned by TGA Minority Interest Holdings LLC.

(24) T-C UK RE Holdings III, LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA and 1% owned by TGA Minority Interest Holdings LLC.

(27) TGA European RE Holdings I LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA and 1% owned by TGA Minority Interest Holdings LLC.

(29) TGA European RE Holdings III LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA and 1% owned by TGA Minority Interest Holdings LLC.

(30) ONY Acceptance, LLC is ultimately controlled and owned entirely by TIAA, with 67.5% owned by TGA GP Holdco LLC and 32.5% owned by TGA GP NY Holdco LLC.

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

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

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

LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP
TGA MKP Member LLC	82-1169084	SUBSIDIARY
TGA MKP Venture LLC	82-1198745	SUBSIDIARY
TGA MKP REIT LLC	82-1187131	SUBSIDIARY
TGA MOB Prescott Member LLC	87-3883343	SUBSIDIARY
TGANX MOB Prescott Venture LLC	87-3883887	SUBSIDIARY
TGANX MOB Prescott LLC	87-3883657	SUBSIDIARY
TGA MOB South Boerne LLC	85-3566018	SUBSIDIARY
TGA Montague Investor Member LLC	81-4232788	SUBSIDIARY
RCD TGA Pierrepont Partners LLC		SUBSIDIARY
TGA Montrose Residences Investor Member LLC	81-3542251	SUBSIDIARY
The Residences at La Colombe d'Or Investors LLC	81-2872565	SUBSIDIARY
TGA Mountain View Industrial LLC	93-4448906	SUBSIDIARY
TGA MS Self Storage Investor Member LLC	83-1916152	SUBSIDIARY
TGA Nex Investor LLC	85-1291326	SUBSIDIARY
TGA NJAHP Investor Member LLC	83-4139835	SUBSIDIARY
TGA NJAHP II Investor Member LLC	84-4574378	SUBSIDIARY
TGA NYCAHP I Investor Member LLC	85-2859128	SUBSIDIARY
TGA North Miller Industrial LLC	84-3740851	SUBSIDIARY
TGA North Orange Industrial LLC	84-3759605	SUBSIDIARY
TGA O'Hare Logistics Center IV LLC	84-4774106	SUBSIDIARY
TGA Oak Grove Plaza LLC	88-4069421	SUBSIDIARY
TGA Octave Apartments LLC	85-3510351	SUBSIDIARY
TGA One Norman Square LLC	87-3969114	SUBSIDIARY
TGA Pacific Landing LLC	85-4396119	SUBSIDIARY
TGA Pacific Landing Phase II LLC	87-1595214	SUBSIDIARY
TGA Pacific West BC LLC	99-4225688	SUBSIDIARY
TGA Park 355 LLC	84-3254652	SUBSIDIARY
TGA Park 55 LLC	84-3254103	SUBSIDIARY
TGA Park 88 LLC	84-3254979	SUBSIDIARY
TGA PC Charleston Club Investor Member LLC	87-3029971	SUBSIDIARY
TGA PC MCF Investor Member LLC	85-3076626	SUBSIDIARY
TGA PC Richmond Investor Member LLC	87-2112453	SUBSIDIARY
TGA Peaceable Investor Member LLC	93-4725411	SUBSIDIARY
TGA Peaceable Investor Member II LLC		SUBSIDIARY
TGA Peaceable Investor Member 2022 LLC	88-3094495	SUBSIDIARY
TGA Peaceable Investor Member 2023 LLC	93-1981655	SUBSIDIARY
TGA Peaceable Investor Member 2024 LLC	99-0688335	SUBSIDIARY
TGA Peaceable Investor Member 2025 LLC	33-3421349	SUBSIDIARY
TGA Prairie Point LLC	84-3285659	SUBSIDIARY
TGA Renton Park 405 LLC	84-3830675	SUBSIDIARY
TGA River Club Apartments LLC	87-3533472	SUBSIDIARY
TGA River Club Townhomes LLC	87-3533710	SUBSIDIARY
TGA Roswell Wieuca LLC	92-2699982	SUBSIDIARY
TGA Somerset IC LLC	84-3487605	SUBSIDIARY
TGA Somerset IC II LLC	84-3476142	SUBSIDIARY
TGA Sparrow Investor LLC	85-2863856	SUBSIDIARY
Sparrow Realty Investment I, LLC	85-2574637	SUBSIDIARY
Sparrow Realty Investment WHF, LLC		SUBSIDIARY
SN Arizona, LLC	85-2858166	SUBSIDIARY
SN DFW, LLC	85-3007856	SUBSIDIARY
SN Georgia, LLC	86-3543041	SUBSIDIARY
SN NC, LLC	86-3680179	SUBSIDIARY
SN SA, LLC	86-1703020	SUBSIDIARY
SN Tampa, LLC	85-2995746	SUBSIDIARY
SN Tennessee, LLC	86-3574319	SUBSIDIARY
Sparrow Homes US LLC	85-3330672	SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
TGA Sparrow II Investor LLC	87-4748024	SUBSIDIARY
Sparrow Realty Investment II, LLC	87-4655650	SUBSIDIARY
Sparrow Realty Investment WHF II, LLC	87-4681002	SUBSIDIARY
SN Arizona II, LLC	87-4703449	SUBSIDIARY
SN Florida II, LLC	87-4703666	SUBSIDIARY
SN Georgia II, LLC	87-4703805	SUBSIDIARY
SN North Carolina II, LLC	87-4737208	SUBSIDIARY
SN Tennessee II, LLC	87-4737343	SUBSIDIARY
SN Texas II, LLC	87-4737079	SUBSIDIARY
TGA SP-MPC Housing Investor Member LLC	83-2063402	SUBSIDIARY
TGA-SP Housing Venture I LLC	83-2147240	SUBSIDIARY
TGA SP-MPC Housing Venture I LLC	83-2123785	SUBSIDIARY
MPSP Alta Vista Homes LLC	86-2018776	SUBSIDIARY
MPSP Alta Vista Lender LLC	86-3755856	SUBSIDIARY
MPSP Ashwood Lender LLC	86-3756097	SUBSIDIARY
MPSP Beltline Homes LLC	84-2331138	SUBSIDIARY
MPSP Beltline Lender LLC	84-2345909	SUBSIDIARY
MPSP Center Grove Homes II LLC	85-1350166	SUBSIDIARY
MPSP Center Grove Homes LLC	83-1088601	SUBSIDIARY
MPSP Center Grove Lender LLC	83-2290040	SUBSIDIARY
MPSP Colinas South Homes LLC	84-2158715	SUBSIDIARY
MPSP Colinas South Lender LLC	84-2158791	SUBSIDIARY
MPSP Estancia Homes LLC	84-2169973	SUBSIDIARY
MPSP Estancia Lender LLC	84-2277681	SUBSIDIARY
MPSP Fairlane Oaks Lender LLC	83-4283444	SUBSIDIARY
MPSP Glendale Homes LLC	84-3115091	SUBSIDIARY
MPSP Glendale Lender LLC		SUBSIDIARY
MPSP Lakeview Homes LLC	84-2290488	SUBSIDIARY
MPSP Lakeview Lender LLC	84-2319726	SUBSIDIARY
MPSP Lemon Tree Homes LLC	83-1213262	SUBSIDIARY
MPSP Lemon Tree Lender LLC	87-1185416	SUBSIDIARY
MPSP Lemon Tree MHC LLC	83-2548459	SUBSIDIARY
MPSP Mobile Gardens Homes LLC	83-1230821	SUBSIDIARY
MPSP Mobile Gardens Lender LLC	87-1185606	SUBSIDIARY
MPSP Mobile Gardens MHC LLC	83-1230714	SUBSIDIARY
MPSP Parker Homes LLC	84-2379528	SUBSIDIARY
MPSP Parker Lender LLC	84-2389423	SUBSIDIARY
MPSP Seven Oaks Homes LLC	84-2277774	SUBSIDIARY
MPSP Seven Oaks Lender LLC	84-2290439	SUBSIDIARY
MPSP Shiloh Homes LLC	83-2700633	SUBSIDIARY
MPSP Shiloh Lender LLC	83-2725391	SUBSIDIARY
MPSP South Concho Homes II LLC	85-1446543	SUBSIDIARY
MPSP South Concho Lender LLC	84-2436652	SUBSIDIARY
MPSP Stonegate Lender LLC	83-2736936	SUBSIDIARY
MPSP TC GH Homes LLC	84-2319873	SUBSIDIARY
MPSP TC GH Lender LLC	84-2331064	SUBSIDIARY
MPSP TC Sherman Homes LLC	84-2389479	SUBSIDIARY
MPSP TC Sherman Lender LLC	84-2428588	SUBSIDIARY
MPSP Wildwood Acres Homes LLC	84-2345969	SUBSIDIARY
MPSP Wildwood Acres Lender LLC	84-2361787	SUBSIDIARY
MPSP Wildwood Village Homes LLC	84-2361842	SUBSIDIARY
MPSP Wildwood Village Lender LLC	84-2379481	SUBSIDIARY
MPSP Windsong Homes LLC	83-2848324	SUBSIDIARY
MPSP Windsong Lender LLC	83-2848439	SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
TGA SS Self Storage Portfolio Investor Member LLC	86-1741788	SUBSIDIARY
TGA SS Self Storage Tranche I Venture LP	87-2470916	SUBSIDIARY
LPP Hilliard LP	84-3071380	SUBSIDIARY
Newmarket HCG, L.P.	87-4751299	SUBSIDIARY
Seminole Storage Units I LP	83-1608525	SUBSIDIARY
TGA T1 SC Durbin Park LP		SUBSIDIARY
TGA T1 SC Millenia LP		SUBSIDIARY
TGA T1 SC San Marco LP		SUBSIDIARY
TGA SS Self Storage Portfolio Venture LP	86-1714431	SUBSIDIARY
TGA SC Bonita Springs LP	86-1623164	SUBSIDIARY
TGA SC Columbus Ford LP	86-1624012	SUBSIDIARY
TGA SC Columbus Veterans LP	86-1623724	SUBSIDIARY
TGA SC Erie Avenue LP	86-1639097	SUBSIDIARY
TGA SC Gainesville LP	86-1623454	SUBSIDIARY
TGA SC Germantown LP	86-1639333	SUBSIDIARY
TGA SC Glenn Heights LP	86-1676901	SUBSIDIARY
TGA SC Global Indy I LP	86-1638763	SUBSIDIARY
TGA SC Houston LP	86-1677082	SUBSIDIARY
TGA SC Indianapolis 29th Street LP	86-1638905	SUBSIDIARY
TGA SC Kensington LP	86-1639231	SUBSIDIARY
TGA SC Lancaster LP	86-1676331	SUBSIDIARY
TGA Sterling DC LLC	84-3255382	SUBSIDIARY
TGA Strategic Retail SMA LLC		SUBSIDIARY
TGA The Apartments at Blakeney LLC	85-3509669	SUBSIDIARY
TGA TMO IN Portfolio Investor Member LLC	88-1150650	SUBSIDIARY
TGA Tri-State Commerce Center LLC	84-3759437	SUBSIDIARY
TGA Twelve100 Apartments LLC	85-3917654	SUBSIDIARY
TGA TX Infill Blankenship LLC	99-3097880	SUBSIDIARY
TGA TX Infill GSW LLC	99-3054493	SUBSIDIARY
TGA UMH Properties Investor Member LLC	87-3992892	SUBSIDIARY
TGA UMH Venture Tranche I LLC	92-0251112	SUBSIDIARY
Rum Runner MHC TGA, LLC	92-1268769	SUBSIDIARY
Sebring Square MHC TGA, LLC	87-3883818	SUBSIDIARY
TGA UMH Venture Tranche 1 Rentals, LLC	93-2432687	SUBSIDIARY
TGA University Trails Investor Member LLC	87-4552535	SUBSIDIARY
TGAP University Trails LLC	87-4257683	SUBSIDIARY
TGAP University Trails Owner LLC	87-4257544	SUBSIDIARY
TGA Van Dorens West LLC	84-3830895	SUBSIDIARY
TGA Verve Orlando Investor Member LLC	99-4597420	SUBSIDIARY
TGA SMI Verve Orlando Venture LLC	99-4454725	SUBSIDIARY
TGA SMI Verve Orlando Owner LLC	99-4464495	SUBSIDIARY
TGA Vista Point South LLC	84-3441798	SUBSIDIARY
TGA Washington DC CC LLC	84-3527380	SUBSIDIARY
TGA Westport Distribution Center LLC	84-2939589	SUBSIDIARY
TGANX MOB Wheat Ridge LLC	92-1383692	SUBSIDIARY
TGA Yorktown Apartments LLC	83-0723201	SUBSIDIARY
TGA-MJC MHC LLC	87-3750360	SUBSIDIARY
TIAA Administrative Services LLC	82-2826183	SUBSIDIARY
TIAA CLO I Ltd		SUBSIDIARY
TIAA CLO I LLC		SUBSIDIARY
TIAA CLO I Holding, LLC	84-1905731	SUBSIDIARY
TIAA CLO II Ltd		SUBSIDIARY
TIAA CLO II LLC		SUBSIDIARY
TIAA CLO II Holding, LLC		SUBSIDIARY
TIAA CLO III Ltd.		SUBSIDIARY
TIAA CLO III LLC		SUBSIDIARY
TIAA CLO IV Ltd.		SUBSIDIARY
TIAA CMBS I, LLC	13-4173396	SUBSIDIARY
TIAA CMBS I Trust	13-4173396	SUBSIDIARY

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

LISTING 3 (CONTINUED):

COMPANY	FEIN	RELATIONSHIP
TIAA GCREIT Holdings LLC		SUBSIDIARY
Nuveen Global Cities REIT, Inc.	82-1419222	AFFILIATE
TIAA Global Ag Holdco LLC	27-5551198	SUBSIDIARY
Global Agriculture AIV (US) LLC	45-5044364	SUBSIDIARY
Global Ag Properties USA LLC	45-1531685	SUBSIDIARY
Loma del Rio Vineyards LLC	80-0843991	SUBSIDIARY (13)
Sugarloaf Vineyard, LLC	46-2577906	SUBSIDIARY
Global Agriculture II AIV (US) LLC	47-1083514	SUBSIDIARY
Global Ag Properties II USA LLC	47-1069783	SUBSIDIARY
TIAA-CREF Global Agriculture LLC	27-5551341	SUBSIDIARY
Global AG Properties Australia Pty, Ltd		SUBSIDIARY
Global AG Properties Australia Trust		SUBSIDIARY
Nova Gaia Brasil Participações Ltda.		SUBSIDIARY (33)
Tellus Brasil Participações S.A		SUBSIDIARY (34)
Terraviva Brasil Participações Ltda.		SUBSIDIARY (35)
Tellus Brasil Participações S.A		SUBSIDIARY (34)
Agrobio Investimentos e Participações S/A		SUBSIDIARY
Cerpon Participações S.A		SUBSIDIARY
Nova Ibiajara Propriedades Agrícolas S.A.		SUBSIDIARY
Tellus Bahia Propriedades Agrícolas Ltda.		SUBSIDIARY
Terra do Sol Propriedades Agrícolas S.A		SUBSIDIARY
Terrainvest Propriedades Agrícolas S.A		SUBSIDIARY
Tparone Participações S.A		SUBSIDIARY
Toperone Agrícola S.A		SUBSIDIARY
Tpartwo Participações S.A		SUBSIDIARY
Topertwo Agrícola S.A		SUBSIDIARY
TIAA-CREF Global Agriculture BR, LLC	45-1502187	SUBSIDIARY
Nova Gaia Brasil Participações Ltda.		SUBSIDIARY (33)
Terraviva Brasil Participações Ltda.		SUBSIDIARY (35)
TIAA-CREF Global Agriculture II LLC	47-0974399	SUBSIDIARY
TIAA-CREF Global Agriculture II BR, LLC	47-1062423	SUBSIDIARY
TIAA Global Capabilities Holding LLC	81-1241294	SUBSIDIARY
TIAA Global Capabilities Singapore Holding Company Pte.		SUBSIDIARY
TIAA Global Capabilities Private Limited		SUBSIDIARY
TIAA Global Public Investments, LLC	26-3594208	SUBSIDIARY
TGPI GCIB (Cayman) LLC	98-1797737	SUBSIDIARY
TIAA GTR HoldCo LLC	46-3881813	SUBSIDIARY
Global Timber Resources LLC	46-3210500	SUBSIDIARY
Global Timber SA LLC	46-3909387	SUBSIDIARY
Forestal GTR Chile Limitada		SUBSIDIARY
Global Timber International, LLC	46-3899490	SUBSIDIARY
Global Timber Spain S.L.		SUBSIDIARY
Forestal Monterrey Colombia SAS	98-1206384	SUBSIDIARY
Global Timber Resources Colombia SAS		SUBSIDIARY
GT Europe Cooperatief U.A.		SUBSIDIARY
TIAA Infrastructure Investments, LLC	45-3479281	SUBSIDIARY
730 Parking, LLC	81-5307354	SUBSIDIARY
730 Interpark, LLC	81-5302296	SUBSIDIARY
A-30 Canadian Transport Inc.		SUBSIDIARY
1867 Infrastructure Holdings Inc.		SUBSIDIARY
Holding 1867 NA30 Inc.		SUBSIDIARY
1867 Nouvelle Autoroute 30 Inc.		SUBSIDIARY
I 595 Toll Road, LLC	38-3857916	SUBSIDIARY
North American Sustainable Energy GP, LLC		SUBSIDIARY
North American Sustainable Energy Manager, LLC		SUBSIDIARY
TIAA LatAm Timberlands, LLC	99-2861745	SUBSIDIARY
TIAA NBS, LLC	88-4376843	SUBSIDIARY
TIAA Credit Co., LLC	39-3668904	SUBSIDIARY
Appalachia Restoration, LLC	39-3668090	SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
TIAA Oil and Gas Investments, LLC	45-2665869	SUBSIDIARY
Actoil Utica, LLC	46-3628993	SUBSIDIARY
TIAA Realty, LLC	11-3519531	SUBSIDIARY
T-C 77 Central LLC	81-0902394	SUBSIDIARY
T-C 680 Belleville LLC	47-2249307	SUBSIDIARY
T-C Port Northwest Development LLC	46-2678242	SUBSIDIARY
TGA 70 Federal Street LLC	81-3961919	SUBSIDIARY
TGA Central Square Investor Member LLC	84-4376282	SUBSIDIARY
TGACSE Central Square Holdings LLC	84-4880676	SUBSIDIARY
TGACSE Central Square LLC	84-4893448	SUBSIDIARY
TGACSE Morningside LLC	84-4893383	SUBSIDIARY
TGACSE Triangle LLC	84-4924033	SUBSIDIARY
TGA Doral Marketplace Investor Member LLC	99-3806636	SUBSIDIARY
TGA SJC Doral Marketplace Venture LLC	99-3230291	SUBSIDIARY
TGA SJC Doral Marketplace Pledgor LLC		SUBSIDIARY
TGA SJC Doral Marketplace Owner LLC	92-0315327	SUBSIDIARY
TGA Eastridge Investor Member LLC	87-1762569	SUBSIDIARY
TGA King EastRidge Venture LLC		SUBSIDIARY
TGA King EastRidge Owner LLC	85-2656497	SUBSIDIARY
TGA Falls Church Investor Member LLC	33-2062305	SUBSIDIARY
TGA Fort Collins Member LLC	93-4524760	SUBSIDIARY
TGA Montgomery Promenade Investor Member LLC	99-1648043	SUBSIDIARY
TGA Roland Park Investor Member LLC	33-4917218	SUBSIDIARY
TGA Specialty Shops Investor Member LLC	93-2519414	SUBSIDIARY
TGA HP Specialty Shops Venture LLC	92-2619099	SUBSIDIARY
TGA HP Specialty Shops Owner LLC	92-2659927	SUBSIDIARY
TGA TCA Durham Logistics Center Investor Member LLC	87-1763280	SUBSIDIARY
TGA TCA Durham Logistics Center LLC		SUBSIDIARY
TGA The Warehouse At CH Investor Member LLC	84-3093962	SUBSIDIARY
TGAP The Warehouse At CH LLC	84-3055701	SUBSIDIARY
TGAP The Warehouse At CH Owner LLC	84-3055465	SUBSIDIARY
TGA The Warehouse At Ch II Investor Member LLC	86-1749536	SUBSIDIARY
TGAP The Warehouse at CH II LLC	86-1548653	SUBSIDIARY
TGAP The Warehouse at CH II Owner LLC	86-1548790	SUBSIDIARY
TIAA RFS, LLC	82-2885306	SUBSIDIARY
TIAA-CREF Insurance Agency, LLC	20-2904312	SUBSIDIARY
TIAA Shared Services LLC	85-3343718	SUBSIDIARY
TIAA SMA Strategies LLC	81-2755014	SUBSIDIARY
TIAA-Stonepeak Investments I, LLC	45-3029655	SUBSIDIARY
TIAA-Stonepeak Investments II, LLC	45-3030923	SUBSIDIARY
TIAA Super Regional Mall Member Sub LLC	45-3164764	SUBSIDIARY
T-C Super Regional Mall Venture LLC	45-3164764	SUBSIDIARY
T-C International Plaza REIT LLC	46-4623585	SUBSIDIARY
T-C International Plaza Investor GP LLC	46-4653326	SUBSIDIARY
T-C International Plaza Investor LP LLC	46-4680948	SUBSIDIARY
Tampa Westshore Associates Limited Partnership	38-3173536	AFFILIATE
T-C Las Vegas Retail REIT LLC	46-2713521	SUBSIDIARY
T-C Las Vegas Retail Investor LLC	46-2726147	SUBSIDIARY
Grand Canal Shoppes Holdings, LLC		AFFILIATE
TIAA SynGas, LLC	45-1286386	SUBSIDIARY
730 Catsolar, LLC	13-1624203	SUBSIDIARY
TIAA Trust, National Association	93-1503568	SUBSIDIARY
TIAA Ventures LLC	88-3094952	SUBSIDIARY
TIAA Wealth Investment Management LLC	82-2335773	SUBSIDIARY
TIAA Wealth Management LLC	33-3039496	SUBSIDIARY
TIAA Wind Investments LLC	45-4486211	SUBSIDIARY
Capistrano Wind Partners, LLC	45-3743502	AFFILIATE
TIAA-CREF Individual & Institutional Services, LLC	55-0856733	SUBSIDIARY
TIAA-CREF LPHC, LLC	20-8384004	SUBSIDIARY
Nuveen Real Property Fund GP LLC	46-1191235	SUBSIDIARY

COMPANY	FEIN	RELATIONSHIP
TIAA-CREF Redwood, LLC	20-5591124	SUBSIDIARY
TIAA Kaspick, LLC	20-5631854	SUBSIDIARY
TIAA-CREF Tuition Financing, Inc.	13-4026557	SUBSIDIARY
UK PPP Investments LP		SUBSIDIARY
Wigg Investments Limited		SUBSIDIARY
Merseylink (Holdings) Limited		AFFILIATE
Merseylink (Finance) Limited		AFFILIATE
Merseylink Limited		AFFILIATE
Merseylink (Issuer) plc		AFFILIATE
Union Property Operations NRE III LLC	87-1101091	SUBSIDIARY
U.S. Cities Industrial Fund LP	36-4932527	AFFILIATE
U.S. Cities Multifamily Fund LP	30-1108455	AFFILIATE
U.S. Cities Retail Fund LP	82-3970010	SUBSIDIARY
U.S. Cities Retail Fund REIT LLC	82-4016503	SUBSIDIARY
U.S. Cities Retail Fund Operating GP LLC	82-4069923	SUBSIDIARY
U.S. Cities Retail Fund Operating LP	82-4037905	SUBSIDIARY
USCRF Bear Creek Owner LLC	33-4981901	SUBSIDIARY
USCRF English Village Owner LLC	99-5117928	SUBSIDIARY
USCRF Heritage Station Owner LLC	99-3752041	SUBSIDIARY
USCRF KRG JV Investor Member LLC		SUBSIDIARY
KRG–USCRF Retail Portfolio LLC	37-1904986	SUBSIDIARY
KRG 951 & 41, LLC		SUBSIDIARY
KRG Livingston Center, LLC		SUBSIDIARY
KRG-USCRF Plaza Volente, LLC		SUBSIDIARY
USCRF La Quinta Owner LLC	33-5008546	SUBSIDIARY
USCRF Old Grove Owner LLC	33-5008100	SUBSIDIARY
USCRF Peachtree Crossing Owner LLC	93-4571475	SUBSIDIARY
USCRF Silver Lake Owner LLC	39-4516013	SUBSIDIARY
USCRF Westside Village Owner LLC	39-3497076	SUBSIDIARY
U.S. Cities Workplace Fund LP	38-4104483	SUBSIDIARY
U.S. Cities Workplace Fund REIT LLC	61-1914684	SUBSIDIARY
U.S. Cities Workplace Fund Operating GP LLC	39-4132037	SUBSIDIARY
U.S. Cities Workplace Fund Operating LP	36-4919858	SUBSIDIARY
USCOF 5500 Jefferson LLC	87-4526709	SUBSIDIARY
USCOF Maryland Farms Holdings LLC	84-4773752	SUBSIDIARY
U.S. Cities Office Fund Maryland Farms Co-Invest	84-4775239	SUBSIDIARY (32)
VRE-NRE Maryland Farms Venture	84-4775394	SUBSIDIARY
USCOF Mobius Operating Member LLC	87-1365205	SUBSIDIARY
USCOF Optical Court LLC	85-3371600	SUBSIDIARY
USCWF Scholar REIT-Tranche Investor Member LLC	33-4724674	SUBSIDIARY
USCWF Scholar TRS-Tranche Investor Member LLC	33-4741369	SUBSIDIARY
USCWF Wexford Scholar TRS LLC	33-4750931	SUBSIDIARY
USCWF Split Rock Investor Member LLC	99-3805944	SUBSIDIARY
USCWF Wexford Scholar Venture REIT-Tranche LLC	33-4763847	SUBSIDIARY
USCWF-USCDF Medical Fund I LP	39-4229565	SUBSIDIARY
U.S. Core-Plus Real Estate Debt Fund LP	82-3988257	SUBSIDIARY
U.S. Strategic Industrial Fund II LP	85-2116787	AFFILIATE
Western A Midwest TN, LLC	84-3440905	SUBSIDIARY
Whole Loan Ownership Depositor, LLC		SUBSIDIARY
Whole Loan Ownership Trust	93-6444961	SUBSIDIARY
Winslow Growth Capital Fund II, L.P.	83-1931152	SUBSIDIARY
W R C Properties, LLC	51-0141732	SUBSIDIARY

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

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

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

(34) Tellus Brasil Participações S.A is owned 72.6% by Nova Gaia Brasil Participações Ltda and 4.90% by Terraviva Brasil Participaco Ltda.

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

SCHEDULE Y

PART 1A - DETAILS OF INSURANCE HOLDING COMPANY SYSTEM

1 Group Code	2 Group Name	3 NAIC Company Code	4 ID Number	5 Federal RSSD	6 CIK	7 Name of Securities Exchange if Publicly Traded (U.S. or International)	8 Names of Parent, Subsidiaries Or Affiliates	9 Domiciliary Location	10 Relationship to Reporting Entity	11 Directly Controlled by (Name of Entity/Person)	12 Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	13 If Control is Ownership Provide Percentage	14 Ultimate Controlling Entity(ies)/Person(s)	15 Is an SCA Filing Required? (Yes/No)	16 *
			13-6110585	3792687			TIAA Board of Governors	NY	UDP					NO	
1216	Teachers Insurance and Annuity Association of America	69345	13-1624203	1607170	315038		Teachers Insurance and Annuity Association of America	NY		TIAA Board of Governors	Ownership	100.000	TIAA Board of Governors	NO	
			13-6022042	2378057	777535		College Retirement Equities Fund	NY	NIA	CREF Board of Governors	Board		CREF Board of Governors	NO	
			47-1595484	4747826			Nuveen, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
							Brooklyn Artificial Intelligence, Inc.	DE	DS	Nuveen, LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Brooklyn Investment Group, LLC	DE	DS	Brooklyn Artificial Intelligence, Inc.	Ownership	100.000	TIAA Board of Governors	NO	
			41-3015784				Nuveen Consolidated, LLC	DE	DS	Nuveen, LLC	Ownership	51.000	TIAA Board of Governors	NO	100
			26-0627593	4774710			Gresham Asset Management LLC	DE	DS	Nuveen Consolidated, LLC	Ownership	78.900	TIAA Board of Governors	NO	
			20-1930384	4349828			Gresham Investment Management LLC	DE	DS	Nuveen Consolidated, LLC	Ownership	78.900	TIAA Board of Governors	NO	
			36-4839486	5153992			Nuveen Alternative Investments, LLC	DE	DS	Nuveen Consolidated, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			31-0942504	4774792	1311016		Nuveen Fund Advisors, LLC	DE	DS	Nuveen Consolidated, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			27-4357327	4781624	1521019		Nuveen Asset Management, LLC	DE	DS	Nuveen Fund Advisors, LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5719398			Nuveen Funds GP I, LLC	DE	DS	Nuveen Asset Management, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			83-4025630	5486681			Symphony Alternative Asset Management LLC	DE	DS	Nuveen Asset Management, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			94-3252504	5280982			Symphony Risk Retention Finance LLC	DE	DS	Nuveen Asset Management, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			30-1032009	5354968			SRR 1 LLC	DE	DS	Symphony Risk Retention Finance LLC	Ownership	51.000	TIAA Board of Governors	NO	
			37-1695518	4774831	1602161		Nuveen WCM Holdings, LLC	DE	DS	Nuveen Consolidated, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			90-0860898	4776527	900973		Winslow Capital Management, LLC	DE	DS	Nuveen WCM Holdings, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-0730906	5147021			Growth Capital GP I, LLC	DE	DS	Winslow Capital Management, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			13-3760073	4313306	939222		Teachers Advisors, LLC	DE	DS	Nuveen Consolidated, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			82-1157427	5659364			CoInvest Member LLC	DE	DS	Teachers Advisors, LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Nuveen TALF Opportunity GP, LLC	DE	DS	Teachers Advisors, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			13-3905273	4599865			TIAA-CREF Asset Management LLC	DE	DS	Nuveen Consolidated, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-1272900	4952732			L&C Special Member Holdco, LLC	DE	DS	TIAA-CREF Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-3889185	4866932			GTR Special Member Holdco LLC	DE	DS	TIAA-CREF Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-4374969	5659467			TIAA International GP LLC	DE	DS	TIAA-CREF Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
			13-3586142	4314303	887793		TIAA-CREF Investment Management, LLC	DE	DS	TIAA-CREF Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-3870972	4716541			Nuveen Alternative Holdings LLC	DE	DS	TIAA-CREF Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-4724027				CTL Administration Services LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			93-1778449				Epic Administration LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			45-5044435	4867658			Global AG AIV (CN) GP LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			45-5044681	4867667			Global Agriculture AIV (CN), LP	DE	DS	Global AG AIV (CN) GP LLC	Management		TIAA Board of Governors	NO	
			47-1192644	4753564			Global Ag II AIV GP LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-1197292	4754776			Global Agriculture II AIV, LP	DE	DS	Global Ag II AIV GP LLC	Management		TIAA Board of Governors	NO	
			47-1208361	4866969			GTR Investor Fund GP LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			83-2245173	5510120			NAP Investors GP, LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-3758314	5784949			NGC Senior Master Holdco LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-1590237	5729940			NGC Master HoldCo LLC	DE	DS	NGC Senior Master Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-1589648	5729986			NGC OpDevCo LLC	DE	DS	NGC Master HoldCo LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-1589970	5729977			NGC Solar Master HoldCo LLC	DE	DS	NGC Master HoldCo LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-5515604	5657324			Nuveen CP LLC	DE	DS	NGC Senior Master Holdco LLC	Ownership	90.000	TIAA Board of Governors	NO	
			47-3234364	5660557			Greenworks Lending LLC	DE	DS	Nuveen CP LLC	Ownership	100.000	TIAA Board of Governors	NO	
			35-2597261	5660593			PACEWell 1 LLC	DE	DS	Greenworks Lending LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-1326451	5660623			PACEWell 4 LLC	DE	DS	Greenworks Lending LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-3650389	5678561			PACEWell 5 Depositor LLC	DE	DS	Greenworks Lending LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-3649944	5678570			PACEWell 5 LLC	DE	DS	PACEWell 5 Depositor LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-0681712	5789207			PACEWell 6 Depositor LLC	DE	DS	Greenworks Lending LLC	Ownership	100.000	TIAA Board of Governors	NO	

SCHEDULE Y

PART 1A - DETAILS OF INSURANCE HOLDING COMPANY SYSTEM

1 Group Code	2 Group Name	3 NAIC Company Code	4 ID Number	5 Federal RSSD	6 CIK	7 Name of Securities Exchange if Publicly Traded (U.S. or International)	8 Names of Parent, Subsidiaries Or Affiliates	9 Domiciliary Location	10 Relationship to Reporting Entity	11 Directly Controlled by (Name of Entity/Person)	12 Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	13 If Control is Ownership Provide Percentage	14 Ultimate Controlling Entity(ies)/Person(s)	15 Is an SCA Filing Required? (Yes/No)	16 *
			88-4182935	5789243			PACEWell 6 LLC	DE	DS	PACEWell 6 Depositor LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-2404335	5844638			PACEWell 7 LLC	DE	DS	Greenworks Lending LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-2105847	5842027			PACEWell 8 Depositor LLC	DE	DS	Greenworks Lending LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-2080938	5842045			PACEWell 8 LLC	DE	DS	PACEWell 8 Depositor LLC	Ownership	100.000	TIAA Board of Governors	NO	
			93-2177174				PACEWell 9 LLC	DE	DS	Greenworks Lending LLC	Ownership	100.000	TIAA Board of Governors	NO	
			93-3609614				PACEWell 10 LLC	DE	DS	Greenworks Lending LLC	Ownership	100.000	TIAA Board of Governors	NO	
			93-3532558				NGC P 1 LLC	DE	DS	Greenworks Lending LLC	Ownership	100.000	TIAA Board of Governors	NO	
			99-0433258				NGC P 2 LLC	DE	DS	Greenworks Lending LLC	Ownership	100.000	TIAA Board of Governors	NO	
			99-3376543				NGC P 3 LLC	DE	DS	Greenworks Lending LLC	Ownership	100.000	TIAA Board of Governors	NO	
			39-4163086				NGC P 4 LLC	DE	DS	Greenworks Lending LLC	Ownership	100.000	TIAA Board of Governors	NO	
			41-3199154				NGC P 5 LLC	DE	DS	Greenworks Lending LLC	Ownership	100.000	TIAA Board of Governors	NO	
			41-3418073				NGC P 6 LLC	DE	DS	Greenworks Lending LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-0315265	5785218			NGC TT 1 LLC	DE	DS	Greenworks Lending LLC	Ownership	100.000	TIAA Board of Governors	NO	
							BOMF-VI CPACE Titling Trust	DE	DS	NGC TT 1 LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-4998151	5660641			PACE Financial Servicing, LLC	DE	DS	Nuveen CP LLC	Ownership	100.000	TIAA Board of Governors	NO	
			86-3136043	5655825			Nuveen CP Holdings 1 LLC	DE	DS	NGC Senior Master Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			86-3147529	5655816			Nuveen CP Holdings 2 LLC	DE	DS	NGC Senior Master Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-2217234	5799226			NGTF GP, LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			45-4288013	4866941			Nuveen Alternatives Advisors LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5656831			Churchill Fund III GP LLC	DE	DS	Nuveen Alternatives Advisors LLC	Ownership	100.000	TIAA Board of Governors	NO	
			93-3675836				NRE US Strategic Self-Storage Fund Co LLC	DE	DS	Nuveen Alternatives Advisors LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5511604			Nuveen Churchill Direct Lending Corp.	MD	DS	Nuveen Alternatives Advisors LLC	Ownership	100.000	TIAA Board of Governors	NO	
			82-1917856	5652703			TPS Investors GP, LLC	DE	DS	Nuveen Alternatives Advisors LLC	Ownership	100.000	TIAA Board of Governors	NO	
			45-4288091	4801858			Nuveen Alternatives Services LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5041697			GAP II NZ GP Limited	NZL	DS	Nuveen Alternatives Services LLC	Ownership	100.000	TIAA Board of Governors	NO	
			98-1310748	5041660			TIAA European Farmland Fund GP LP	CYM	DS	Nuveen Alternatives Services LLC	Ownership	50.000	TIAA Board of Governors	NO	200
			47-1515836	4802819			TCAS Global Investments LLC	DE	DS	Nuveen Alternatives Services LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Nuveen Climate Inclusion Fund II GP LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Nuveen Climate Inclusion Fund II Lux GP S.à r.l.	LUX	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			93-1847737				Nuveen CPACE Lending GP LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			99-1167473				Nuveen CPACE Lending II GP LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-5037055				Nuveen CPACE Lending III GP LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-3215929				Nuveen EIC GP Holdco LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Energy & Power Infrastructure Credit Lux GP, S.à r.l.	LUX	DS	Nuveen EIC GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-3678271				Nuveen Energy & Power Infrastructure Credit Cayman GP LLC	DE	DS	Nuveen EIC GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Nuveen Energy & Power Infrastructure Credit DE GP LLC	DE	DS	Nuveen EIC GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-1819349	5486935			Nuveen Global Farmland Fund GP, LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			98-1638974	5487101			Nuveen Global Farmland Fund Lux GP S.à r.l.	LUX	DS	Nuveen Global Farmland Fund GP, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-5180164	5599714			Nuveen Global Impact Fund GP, LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5652776			Nuveen Global Impact Fund Lux GP S.à r.l.	LUX	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-2719001	4313155			Nuveen International Holdings LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5659412			Nuveen Canada Company	CAN	DS	Nuveen International Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5695166			Nuveen Japan Co., Ltd	JPN	DS	Nuveen International Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Nuveen Korea Co., Ltd.	KOR	DS	Nuveen International Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Nuveen Middle East Limited	ARE	DS	Nuveen International Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-4349631	5079083			TGAM Subsidiary HC LLC	DE	DS	Nuveen International Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	

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			81-4290269	5079104			TGAM APAC LLC	DE	DS	TGAM Subsidiary HC LLC	Ownership	33.300	TIAA Board of Governors	NO	300
			81-4323796	5083718			TGAM HK HC LLC	DE	DS	TGAM APAC LLC	Ownership	25.000	TIAA Board of Governors	NO	400
				4908355			Nuveen Hong Kong Limited	HKG	DS	TGAM HK HC LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-4306975	5079113			TGAM Asia LLC	DE	DS	TGAM Subsidiary HC LLC	Ownership	33.300	TIAA Board of Governors	NO	500
			81-4323796	5083718			TGAM HK HC LLC	DE	DS	TGAM Asia LLC	Ownership	25.000	TIAA Board of Governors	NO	400
			81-4499397	5079122			TIAA International APAC LLC	DE	DS	TGAM Subsidiary HC LLC	Ownership	33.300	TIAA Board of Governors	NO	600
			81-4323796	5083718			TGAM HK HC LLC	DE	DS	TIAA International APAC LLC	Ownership	25.000	TIAA Board of Governors	NO	400
			81-4359164	5079131			TIAA International Asia LLC	DE	DS	TGAM Subsidiary HC LLC	Ownership	33.300	TIAA Board of Governors	NO	700
			81-4323796	5083718			TGAM HK HC LLC	DE	DS	TIAA International Asia LLC	Ownership	25.000	TIAA Board of Governors	NO	400
			81-4390558	5079092			TIAA International Subsidiary HC LLC	DE	DS	Nuveen International Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-4290269	5079104			TGAM APAC LLC	DE	DS	TIAA International Subsidiary HC LLC	Ownership	33.300	TIAA Board of Governors	NO	300
			81-4306975	5079113			TGAM Asia LLC	DE	DS	TIAA International Subsidiary HC LLC	Ownership	33.300	TIAA Board of Governors	NO	500
			81-4499397	5079122			TIAA International APAC LLC	DE	DS	TIAA International Subsidiary HC LLC	Ownership	33.300	TIAA Board of Governors	NO	600
			81-4359164	5079131			TIAA International Asia LLC	DE	DS	TIAA International Subsidiary HC LLC	Ownership	33.300	TIAA Board of Governors	NO	700
			81-4290269	5079104			TGAM APAC LLC	DE	DS	Nuveen International Holdings LLC	Ownership	33.300	TIAA Board of Governors	NO	300
			81-4306975	5079113			TGAM Asia LLC	DE	DS	Nuveen International Holdings LLC	Ownership	33.300	TIAA Board of Governors	NO	500
			81-4499397	5079122			TIAA International APAC LLC	DE	DS	Nuveen International Holdings LLC	Ownership	33.300	TIAA Board of Governors	NO	600
			81-4359164	5079131			TIAA International Asia LLC	DE	DS	Nuveen International Holdings LLC	Ownership	33.300	TIAA Board of Governors	NO	700
				5659403			Nuveen Junior Capital Opportunities Fund GP S.à r.l.	LUX	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-4688838	5721449			Nuveen Natural Capital, LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			80-0026976	4724108	1392090		GreenWood Resources, LLC	DE	DS	Nuveen Natural Capital, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			45-1875074	4724153			GreenWood Resources Capital Management, LLC	DE	DS	GreenWood Resources, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-4557075	4887580			Greenwood Resources Forest Management, LLC	DE	DS	GreenWood Resources, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			98-1016335	4868404			Greenwood Resources Poland sp. z o.o	POL	DS	Greenwood Resources Forest Management, LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5371666			GWR Uruguay S.A.	URY	DS	Greenwood Resources Forest Management, LLC	Ownership	100.000	TIAA Board of Governors	NO	
				4796600			Greenwood Resources Colombia SAS	COL	DS	GreenWood Resources, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			93-1874675				NNC NGTF, LLC	DE	DS	Nuveen Natural Capital, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-4801994				Nuveen Ecosystem Services, LLC	DE	DS	Nuveen Natural Capital, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			39-3534384				Nuveen Farmland Advisors LLC	DE	DS	Nuveen Natural Capital, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			39-7054558				Nuveen Farmland REIT	MD	DS	Nuveen Farmland Advisors LLC	Management		TIAA Board of Governors	NO	
			27-3417683	4312925			Westchester Group Investment Management, LLC	DE	DS	Nuveen Natural Capital, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			93-4724395				AU NBS Coinvestment, LLC	DE	DS	Westchester Group Investment Management, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			77-0298005				Monterey Pacific, LLC	DE	DS	Westchester Group Investment Management, LLC	Ownership	100.000	TIAA Board of Governors	NO	
							McIntyre Labor Services, LLC	CA	DS	Monterey Pacific, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-4182857				Sitos Treehouse Plant LLC	CA	DS	Monterey Pacific, LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Terra Preta Pacific, LLC	CA	DS	Monterey Pacific, LLC	Ownership	85.000	TIAA Board of Governors	NO	
				4618207			Nuveen Natural Capital Australia Pty Ltd	AUS	DS	Westchester Group Investment Management, LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5720965			Nuveen Natural Capital Chile SpA	CHL	DS	Westchester Group Investment Management, LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5280003			Nuveen Natural Capital LATAM Gestao De Ativos Ltda	BRA	DS	Westchester Group Investment Management, LLC	Ownership	100.000	TIAA Board of Governors	NO	
				4794482			Nuveen Natural Capital Limited	GBR	DS	Westchester Group Investment Management, LLC	Ownership	100.000	TIAA Board of Governors	NO	

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				4914730			Nuveen Natural Capital Sp. z.o.o	POL	DS	Nuveen Natural Capital Limited	Ownership	100.000	TIAA Board of Governors	NO	
				5752117			Nuveen Natural Capital S.r.l.	ROU	DS	Nuveen Natural Capital Limited	Ownership	100.000	TIAA Board of Governors	NO	
			37-1261935	4617693			Terra Land Company, LLC	IL	DS	Westchester Group Investment Management, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			37-6589484	4747200			The Plata Wine Partners Trust	CA	DS	Westchester Group Investment Management, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-0735518	4746977			Plata Wine Partners, LLC	CA	DS	The Plata Wine Partners Trust	Ownership	91.110	TIAA Board of Governors	NO	
			37-1193973	4618186			Westchester Group Farm Management, LLC	IL	DS	Westchester Group Investment Management, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			37-1194491	4618225			Westchester Group Real Estate, LLC	IL	DS	Westchester Group Investment Management, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-3766552	5483541			Westchester NGFF Investment, LLC	DE	DS	Westchester Group Investment Management, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-3527677	5851373			Ziemia Coinvestment, LLC	DE	DS	Westchester Group Investment Management, LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Nuveen Private Capital LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	85.220	TIAA Board of Governors	NO	
							Arcmont Asset Management Holdco Limited	JEY	DS	Nuveen Private Capital LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Arcmont AM LLC	DE	DS	Arcmont Asset Management Holdco Limited	Ownership	100.000	TIAA Board of Governors	NO	
							Arcmont Asset Management (Sweden) AB	SWE	DS	Arcmont Asset Management Holdco Limited	Ownership	100.000	TIAA Board of Governors	NO	
							Arcmont Asset Management France SAS	FRA	DS	Arcmont Asset Management Holdco Limited	Ownership	100.000	TIAA Board of Governors	NO	
							Arcmont Asset Management Germany Gmbh	DEU	DS	Arcmont Asset Management Holdco Limited	Ownership	100.000	TIAA Board of Governors	NO	
							Arcmont Asset Management Limited	GBR	DS	Arcmont Asset Management Holdco Limited	Ownership	100.000	TIAA Board of Governors	NO	
							Private Debt Carried Interest General Partner II S.à r.l	LUX	DS	Arcmont Asset Management Holdco Limited	Ownership	100.000	TIAA Board of Governors	NO	
							CAM HR Holdco LLC	DE	DS	Nuveen Private Capital LLC	Ownership	100.000	TIAA Board of Governors	NO	
			36-4851864	5083688			CAM HR Resources LLC	DE	DS	CAM HR Holdco LLC	Ownership	1.000	TIAA Board of Governors	NO	800
			47-3156644	4844369			Churchill Asset Management LLC	DE	DS	Nuveen Private Capital LLC	Ownership	75.000	TIAA Board of Governors	NO	
			36-4851864	5083688			CAM HR Resources LLC	DE	DS	Churchill Asset Management LLC	Ownership	99.000	TIAA Board of Governors	NO	800
							Churchill (JPY) Series 2022 GP, LLC	CYM	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Churchill (JPY) Series 2026 GP LLC	CYM	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
			82-3187734	5349928			Churchill Agency Services LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5511565			Churchill BDC Administration LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
			98-1694147				Churchill CAD GP General Partner, LLC	CAN	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
			98-1694147				Churchill CAD GP, L.P.	CAN	DS	Churchill CAD GP General Partner, LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Churchill CAD GP Limited Partner, LLC	CAN	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5720219			Churchill Co-Investment Partners GP, LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Churchill Co-Investment Partners II (Lux) GP S.à r.l.	LUX	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-3156644				Churchill Co-Investment Partners II (US) GP, LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5375132			Churchill Feeder Fund GP II S.à r.l.	LUX	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
			83-1177850	5349937			Churchill Fund GP II LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
			98-1449979	5349919			Churchill Fund GP II S.à r.l.	LUX	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Churchill Fund V GP LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-3156644				Churchill Junior Capital Opportunities Fund GP, LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Churchill Junior Capital Opportunities Fund GP S.à r.l.	LUX	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5616536			Churchill Junior Capital Opportunities Fund II GP, LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	

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				5616554			Churchill Junior Capital Opportunities Fund II GP S.à r.l.	LUX	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Churchill Lux GP, S.à r.l.	LUX	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-3272173	5585986			Churchill MMSLF Special GP LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5720200			Churchill Secondary Partners GP, LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Churchill Secondary Partners II GP, LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Churchill Secondary Partners III GP, LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
			82-0735838	5106484			Churchill Special Member LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Churchill Sunshine Partners GP, LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
			82-3784145	5375525			Churchill Warehouse LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-2329839	5724413			CMIC Funding GP LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5695102			CNV Investor GP, LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-3156644				Copper Direct Lending GP, LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5497584			NCBDC Holdings LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5511622			Churchill DLC Advisor LLC	DE	DS	NCBDC Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
							NCPC Holdings LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Churchill PCIF Advisor LLC	DE	DS	NCPC Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
							NCPE Holdings LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Churchill NCPE Advisor LLC	DE	DS	NCPE Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Nuveen Churchill Private Equity Solutions GP, LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-1339633	5765827			Senior MPD Fund GP LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-1817732	5041615			TGAM Churchill Fund GP LLC	DE	DS	Churchill Asset Management LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-4262460	5079074			Nuveen Real Estate Global LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2502695	5652794			Nuveen Development Management Services LLC	DE	DS	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Governors	NO	
			93-2780998				Nuveen Industrial Development Management Services LLC	DE	DS	Nuveen Development Management Services LLC	Ownership	100.000	TIAA Board of Governors	NO	
			99-5011778				Nuveen MOB Development Management Services LLC	DE	DS	Nuveen Development Management Services LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-2748598	4601487			Nuveen Global Investments LLC	DE	DS	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Governors	NO	
			82-2986445	5533503			Nuveen GP Holding Company LLC	DE	DS	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Governors	NO	
			99-0538443				NRE SDF GP Member, LLC	DE	DS	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			99-0597337				Nuveen U.S. Strategic Debt Fund GP, LLC	DE	DS	NRE SDF GP Member, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-2579563				NRE U.S. Strategic SS SMA Incentive Member LLC	DE	DS	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			93-2717106				NRE US Strategic Self-Storage Fund GP Holdco LLC	DE	DS	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			93-2717285				NRE US Strategic Self-Storage Fund GP LLC	DE	DS	NRE US Strategic Self-Storage Fund GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-1882111				NRE U.S. AH SMA Special Member LLC	DE	DS	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-4085231	5785290			Nuveen Casa Bonita SMA GP LLC	DE	DS	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			82-4598778	5534685			Nuveen CRED GP Member LLC	DE	DS	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			82-3751720	5593413			CRED GP LLC	DE	DS	Nuveen CRED GP Member LLC	Ownership	50.000	TIAA Board of Governors	NO	
			85-2413081	5593422			CRED Rated Feeder GP LLC	DE	DS	CRED GP LLC	Ownership	100.000	TIAA Board of Governors	NO	
			86-1561520	5618745			Nuveen Real Estate U.S. Strategic Alternatives Fund I GP LLC	DE	DS	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-1469500	5729203			Nuveen Real Estate U.S. Affordable Housing Fund GP LLC	DE	DS	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-1444180	5729137			Nuveen Real Estate U.S. Strategic Lab Vehicle GP LLC	DE	DS	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	

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			33-4070399				Nuveen Real Estate U.S. Strategic Retail Partners I GP LLC	DE	DS	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-2350406				U.S. Cities Diversified Fund GP LLC	DE	DS	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			36-4922991	5620412			U.S. Cities Industrial Fund GP LLC	DE	DS	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			35-2633108	5116616			U.S. Cities Multifamily Fund GP LLC	DE	DS	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			82-4054235	5672019			U.S. Cities Retail Fund GP LLC	DE	DS	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5116625			U.S. Cities Workplace Fund GP LLC	DE	DS	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			41-3058972				USCWF-USCDF Medical Fund GP I LLC	DE	DS	U.S. Cities Workplace Fund GP LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-2037572	5599705			U.S. Strategic Industrial Fund II GP LLC	DE	DS	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			99-2021896				U.S. Strategic Industrial Fund III GP LLC	DE	DS	Nuveen GP Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-2857187	5656765			Nuveen Imajn Holdings Member LLC	DE	DS	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-2534232	5808470			Imajn Homes Holdings, LLC	DE	DS	Nuveen Imajn Holdings Member LLC	Ownership	72.000	TIAA Board of Governors	NO	
			82-1051997	5808742			Imajn Services, LLC	DE	DS	Imajn Homes Holdings, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-2545463	5808733			Imajn Asset Manager, LLC	DE	DS	Imajn Homes Holdings, LLC	Ownership	100.000	TIAA Board of Governors	NO	
							NR Sparrow Realty Managing Member I, LLC	DE	DS	Imajn Homes Holdings, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-1466953				SAF Sparrow Realty Managing Member I, LLC	DE	DS	Imajn Homes Holdings, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-2603852	5616022			Sparrow Realty Investment I Managing Member, LLC	DE	DS	Imajn Homes Holdings, LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Sparrow Realty Investment II Managing Member, LLC	DE	DS	Imajn Homes Holdings, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-1174074				USCMF Sparrow Realty Managing Member I, LLC	DE	DS	Imajn Homes Holdings, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-1162850	4617620			Nuveen International Holdings 1 Limited	GBR	DS	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5691908			Clean Energy Partners HoldCo LLP	GBR	DS	Nuveen International Holdings 1 Limited	Ownership	1.000	TIAA Board of Governors	NO	900
							Glennmont Clean Energy CI GP Ltd	GGY	DS	Clean Energy Partners HoldCo LLP	Ownership	100.000	TIAA Board of Governors	NO	
			98-1125673	4617705			Nuveen Investment Management Holdings Limited	GBR	DS	Nuveen International Holdings 1 Limited	Ownership	1.000	TIAA Board of Governors	NO	1000
			46-1163394	4617639			Nuveen International Holdings 2 Limited	GBR	DS	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5691908			Clean Energy Partners HoldCo LLP	GBR	DS	Nuveen International Holdings 2 Limited	Ownership	99.000	TIAA Board of Governors	NO	900
				5691917			Clean Energy Partners LLP	GBR	DS	Clean Energy Partners HoldCo LLP	Ownership	100.000	TIAA Board of Governors	NO	
				5691926			Glennmont Asset Management Limited	GBR	DS	Clean Energy Partners HoldCo LLP	Ownership	100.000	TIAA Board of Governors	NO	
				5692035			Clean Energy Partners CEP 2012 Limited	GBR	DS	Glennmont Asset Management Limited	Ownership	100.000	TIAA Board of Governors	NO	
				5692080			Glennmont Partners I Limited	GBR	DS	Clean Energy Partners CEP 2012 Limited	Ownership	100.000	TIAA Board of Governors	NO	
				5692062			Clean Energy Partners CEP Services Limited	GBR	DS	Glennmont Asset Management Limited	Ownership	100.000	TIAA Board of Governors	NO	
				5692044			Glennmont Partners III S.à r.l.	LUX	DS	Glennmont Asset Management Limited	Ownership	100.000	TIAA Board of Governors	NO	
				5692053			Glennmont Partners IV S.à r.l.	LUX	DS	Glennmont Asset Management Limited	Ownership	100.000	TIAA Board of Governors	NO	
				5692071			Glennmont REBS Europe S.à r.l.	LUX	DS	Glennmont Asset Management Limited	Ownership	100.000	TIAA Board of Governors	NO	
							Nuveen Energy Transition European Fund II GP S.à r.l.	LUX	DS	Glennmont Asset Management Limited	Ownership	100.000	TIAA Board of Governors	NO	
			98-1125673	4617705			Nuveen Investment Management Holdings Limited	GBR	DS	Nuveen International Holdings 2 Limited	Ownership	99.000	TIAA Board of Governors	NO	1000
			98-1127648	4618195			Nuveen Administration Limited	GBR	DS	Nuveen Investment Management Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
			98-1128805	4618216			Nuveen Europe Holdings Limited	GBR	DS	Nuveen Investment Management Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				5704246			Nuveen Alternatives Europe S.à r.l.	LUX	DS	Nuveen Europe Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				5704237			Nuveen Asset Management Europe S.à r.l.	LUX	DS	Nuveen Europe Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4716756			Nuveen Fund Management (Jersey) Limited	JEY	DS	Nuveen Europe Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4716774			Nuveen Management AIFM Limited	GBR	DS	Nuveen Europe Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4715946			Nuveen Management Company (Luxembourg) No 1 S.à r.l.	LUX	DS	Nuveen Europe Holdings Limited	Ownership	94.900	TIAA Board of Governors	NO	

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				4716765			Nuveen Property Management (Jersey) Limited	JEY	DS	Nuveen Europe Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
			98-1128787	4618243			Nuveen FCACO Limited	GBR	DS	Nuveen Investment Management Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4716783			Nuveen Investment Management International Limited	GBR	DS	Nuveen FCACO Limited	Ownership	100.000	TIAA Board of Governors	NO	
			98-1127632	4618261			Nuveen Group Holdings Limited	GBR	DS	Nuveen Investment Management Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4844015			Anglo Sino Henderson Investment Consultancy (Beijing) Co Ltd	CHN	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
							Australia Real Estate Credit GP Pte. Ltd	SGP	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4908328			Enhanced Debt Carry (GP) S.à r.l.	LUX	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				5147003			ERES APAC II (GP) S.à r.l.	LUX	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				5704200			ERES Europe II (GP) S.à r.l.	LUX	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4949116			European Cities Partnership (GP) S.à r.l.	LUX	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
							European Core-Plus Logistics Fund (GP) S.à r.l.	LUX	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
							European Core Renewable Infrastructure S.à.r.l.	LUX	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
							European Value Add II (GP) S.à r.l.	LUX	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4841247			Islazul General Partner S.à r.l.	LUX	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				5802683			Japan Alternatives Living GP Pte. Ltd.	SGP	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4715245			Matador LP General Partner Limited	GBR	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
							NRE Storage Portfolio Limited	GBR	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
							Nugreen Services AB	SWE	DS	NRE Storage Portfolio Limited	Ownership	87.000	TIAA Board of Governors	NO	
							Nugreen Services Denmark ApS	DNK	DS	Nugreen Services AB	Ownership	100.000	TIAA Board of Governors	NO	
							Nugreen Services Norway AS	NOR	DS	Nugreen Services AB	Ownership	100.000	TIAA Board of Governors	NO	
				4912763			Nuveen Consulting (Shanghai) Co., Ltd.	CHN	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4747059			Nuveen Corporate Secretarial Services Limited	GBR	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
							Nuveen European Real Estate Debt Fund V GP S.à.r.l.	LUX	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4715236			Nuveen France SAS	FRA	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4901244			Nuveen Italy S.r.l.	ITA	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4715357			Nuveen Management Austria GmbH	AUT	DS	Nuveen Group Holdings Limited	Ownership	65.000	TIAA Board of Governors	NO	
				5474008			Nuveen Management Finland Oy	FIN	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4747152			Nuveen Operations Limited	GBR	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4841265			Nuveen Australia Limited	AUS	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4841256			Nuveen Real Estate Debt Partners (GP) S.à r.l.	LUX	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				5134816			Nuveen Real Estate Debt Partners II (GP) S.à r.l.	LUX	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				5485004			Global Real Estate Debt Partners - Fund II (UK) SCSP	LUX	DS	Nuveen Real Estate Debt Partners II (GP) S.à.r.l.	Influence		TIAA Board of Governors	NO	1100
				5704152			Nuveen Real Estate Debt Partners III (GP) S.à r.l.	LUX	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
							Nuveen Real Estate Debt V GP S.à r.l.	LUX	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4715919			Nuveen Singapore Private Limited	SGP	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				5835814			Nuveen Switzerland GmbH	SWZ	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4715254			OMP (GP) Limited	GBR	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4901235			T-C Lux Investments GP S.à r.l.	LUX	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
							TGA Co-Investments GP S.à r.l.	LUX	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	

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				5700538			Tokyo Multifamily GP PTE. Ltd.	LUX	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4715290			UK OM (LP2) (GP) Limited	GBR	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4841283			UK OM (LP2) Limited	GBR	DS	UK OM (LP2) (GP) Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4715320			UK OM (LP3) (GP) Limited	GBR	DS	Nuveen Group Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4841274			UK OM (LP3) Limited	GBR	DS	UK OM (LP3) (GP) Limited	Ownership	100.000	TIAA Board of Governors	NO	
							Nuveen Luxembourg Administration S.à r.l.	LUX	DS	Nuveen Investment Management Holdings Limited	Ownership	100.000	TIAA Board of Governors	NO	
			92-1280325	5810736			Nuveen MyPlace Holdings Member LLC	DE	DS	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-5466713	5157909			Nuveen Permian Investor Asset Manager Member LLC	DE	DS	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Governors	NO	
			82-0631410	5613311			Permian Investor Asset Manager LLC	DE	DS	Nuveen Permian Investor Asset Manager Member LLC	Ownership	50.000	TIAA Board of Governors	NO	
			82-0607358	5137929			Nuveen Permian Investor GP Member LLC	DE	DS	Nuveen Real Estate Global LLC	Ownership	50.000	TIAA Board of Governors	NO	
			82-3426937	5659458			Nuveen Real Estate Global Cities Advisors, LLC	DE	DS	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-2437568	5810277			Omni Holding Company LLC	DE	DS	Nuveen Real Estate Global LLC	Ownership	100.000	TIAA Board of Governors	NO	
			20-1149846				Omni New York LLC	NY	DS	Omni Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-2846553	5849491			Paths Construction LLC	DE	DS	Omni Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-2847109	5844665			Paths Development LLC	DE	DS	Omni Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-0783544	5836503			Paths Management Services LLC	DE	DS	Omni Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			99-3492993				Paths Building Services LLC	DE	DS	Paths Management Services LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-2847517	5844610			Paths RMS LLC	DE	DS	Omni Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-2886561	5844629			Reliant Safety LLC	DE	DS	Omni Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			82-4266474	5586518			Nuveen Real Estate NYC Property Fund GP Member LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			82-4213248	5586545			New York City Property Fund GP LLC	DE	DS	Nuveen Real Estate NYC Property Fund GP Member LLC	Ownership	50.000	TIAA Board of Governors	NO	
			06-1217855	4680325			Nuveen Real Estate Property Holdings, L.L.C.	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			30-0794692	4683559			Casa Partners VI GP, LLC	DE	DS	Nuveen Real Estate Property Holdings, L.L.C.	Ownership	100.000	TIAA Board of Governors	NO	
			47-5190671	4912772			Casa Partners VII GP, LLC	DE	DS	Nuveen Real Estate Property Holdings, L.L.C.	Ownership	100.000	TIAA Board of Governors	NO	
			82-4363605	5687965			Casa Partners VIII GP, LLC	DE	DS	Nuveen Real Estate Property Holdings, L.L.C.	Ownership	100.000	TIAA Board of Governors	NO	
			86-1845840	5609819			Casa Partners IX GP LLC	DE	DS	Nuveen Real Estate Property Holdings, L.L.C.	Ownership	100.000	TIAA Board of Governors	NO	
			36-4477806	4681797			Global Investors GP, L.L.C.	DE	DS	Nuveen Real Estate Property Holdings, L.L.C.	Ownership	100.000	TIAA Board of Governors	NO	
			20-2537749	4681809			Global Investors GP II, L.L.C.	DE	DS	Nuveen Real Estate Property Holdings, L.L.C.	Ownership	100.000	TIAA Board of Governors	NO	
			20-3070768	4681818			Global Investors GP IV, L.L.C.	DE	DS	Nuveen Real Estate Property Holdings, L.L.C.	Ownership	100.000	TIAA Board of Governors	NO	
			26-3561391	4863539			TCAM DOF GP LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-5367344	4747170			TCGA BT AIV, LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			45-5139523	4867368			TCGA Investor Fund GP LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-3511076	4843278			TCGA II Investor Fund GP LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-4330570	5659449			TGAM International GP LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			45-1532009	4801867			TIAA Global Ag Special Member LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-1749609	4843287			TIAA Global Ag II Special Member LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-3126089	4847388			T-C U.S. Super Regional Mall Fund GP LLC	DE	DS	Nuveen Alternative Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	

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			47-1563437	4749941			Nuveen Finance, LLC	DE	DS	Nuveen, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			41-3015784				Nuveen Consolidated, LLC	DE	DS	Nuveen Finance, LLC	Ownership	7.500	TIAA Board of Governors	NO	100
			81-3425820	5110025			Nuveen Holdings 1, Inc.	DE	DS	Nuveen Finance, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-0373324	4767758			Nuveen Holdings, Inc.	DE	DS	Nuveen Holdings 1, Inc.	Ownership	100.000	TIAA Board of Governors	NO	
			36-3817266	3707551	885708		Nuveen Investments, Inc.	DE	DS	Nuveen Holdings, Inc.	Ownership	100.000	TIAA Board of Governors	NO	
			36-3293941	5694589			NIS/R&T, Inc.	IL	DS	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Governors	NO	
			41-3015784				Nuveen Consolidated, LLC	DE	DS	Nuveen Investments, Inc.	Ownership	41.500	TIAA Board of Governors	NO	100
			36-7364377	4774783			Nuveen Investments Holdings, Inc.	DE	DS	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Governors	NO	
			36-2639476	4775137	73387		Nuveen Securities, LLC	DE	DS	Nuveen Investments, Inc.	Ownership	100.000	TIAA Board of Governors	NO	
			41-3015543				Nuveen Global, LLC	DE	DS	Nuveen, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-3407371	5042621			Nuveen Services, LLC	DE	DS	Nuveen, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			39-3021302				300 Fifth Avenue TopCo, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			39-3060495				300 Fifth Avenue MidCo, LLC	DE		300 Fifth Avenue TopCo, LLC	Ownership	100.000	TIAA Board of Governors	NO	
							730 Crane DC, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			87-3292924	5660632			730 Darwin Holdings LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
				5683266			Glennmont Clean Energy Fund IV A SCSP	LUX	DS	730 Darwin Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-3091169	5026603			730 Data Centers, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			81-3106043	5036303			730 Databridge, LLC	DE	DS	730 Data Centers, LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5729182			Rocket 730 Data Bridge, LP	DE	DS	730 Databridge, LLC	Ownership	99.000	TIAA Board of Governors	NO	
			93-3668565				730 Digital Infra LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
				5704228			730 Fiber, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			92-0957956	5719400			730 Lighting, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
							Freeway Lighting Partners Holding Company, LLC	DE	DS	730 Lighting, LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Freeway Lighting Partners, LLC	DE	DS	Freeway Lighting Partners Holding Company, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-2616735	4801719			730 Power Development, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			47-2622825	4810784			730 Carroll, LLC	DE	DS	730 Power Development, LLC	Ownership	100.000	TIAA Board of Governors	NO	
				4949107			730 Cricket, LLC	DE	DS	730 Power Development, LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5777679			730 Rail LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
				5777727			730 Cthrail LLC	DE	DS	730 Rail LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Cathcart Rail Holdco, LLC	DE	DS	730 Cthrail LLC	Ownership	68.250	TIAA Board of Governors	NO	
							Cathcart Rail, LLC	IL	DS	Cathcart Rail Holdco, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-5363027	4936116			730 Telecom LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
				5515518			730 Transmission, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
				5515527			730 Hotspur, LLC	DE	DS	730 Transmission, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			13-4042885	4599801			730 Texas Forest Holdings, Inc.	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	YES	
			51-0494351	4599838			730 Texas Timberlands II, Ltd.	TX	DS	730 Texas Forest Holdings, Inc.	Ownership	0.500	TIAA Board of Governors	NO	1200

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			51-0494351	4599838			730 Texas Timberlands II, Ltd.	TX	DS	Teachers Insurance and Annuity Association of America	Ownership	99.500	TIAA Board of Governors	NO	1200
			13-4085431	4601740			TIAA Timberlands II, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
							Foley Butte, LLC	DE	DS	TIAA Timberlands II, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-2916514	4613426			Quercus West Virginia, LLC	DE	DS	TIAA Timberlands II, LLC	Ownership	97.800	TIAA Board of Governors	NO	
							Red River Pine, LLC	DE	DS	TIAA Timberlands II, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-0748791				ACP Hyperdrive Co?Invest LLC	DE	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Governors	NO	
			46-3373066	4602916			Actoil Colorado, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
							AU NBS Holdco, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			46-1952974	4599940			Broadleaf Timberland Investments, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			26-4647417	4601768			Quercus Forestland Account LLC	NC	DS	Broadleaf Timberland Investments, LLC	Ownership	100.000	TIAA Board of Governors	NO	
				4651503			Quercus Algoma Corporation	CAN	DS	Quercus Forestland Account LLC	Ownership	99.000	TIAA Board of Governors	NO	
				4860538			Quercus Algoma Land Corporation	CAN	DS	Quercus Algoma Corporation	Ownership	100.000	TIAA Board of Governors	NO	
			26-4248579	4313025			Canadian Infrastructure Investments, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	YES	
			98-1523334	5802704			2234328 Alberta ULC	CAN	DS	Canadian Infrastructure Investments, LLC	Ownership	100.000	TIAA Board of Governors	NO	
				4313100			Polar Star Canadian Oil and Gas Holding, ULC	CAN	DS	Canadian Infrastructure Investments, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			56-2672630	4600033			Ceres Agricultural Properties, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			93-3033108				Ceres FFI LLC	DE	DS	Ceres Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			37-1555322	4601816			Premiere Agricultural Properties, LLC	DE	DS	Ceres Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			80-0843991	4628596			Loma del Rio Vineyards LLC	DE	DS	Premiere Agricultural Properties, LLC	Ownership	45.000	TIAA Board of Governors	NO	1300
			36-4620107	4601825			Premiere Columbia Properties, LLC	DE	DS	Ceres Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			30-0449681	4601834			Premiere Farm Properties, LLC	DE	DS	Ceres Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-3484719	4601843			Demeter Agricultural Properties II, LLC	DE	DS	Ceres Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-0352203	4628372			International Agricultural Investors, LLC	DE	DS	Ceres Agricultural Properties, LLC	Ownership	99.240	TIAA Board of Governors	NO	
				4633321			IAI Australia Pty Ltd	AUS	DS	International Agricultural Investors, LLC	Ownership	100.000	TIAA Board of Governors	NO	
				4633330			IAI Australia Trust	AUS	DS	International Agricultural Investors, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-0460488	4633358			IAI USA, LLC	DE	DS	International Agricultural Investors, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-2745365	4628363			International Agricultural Investors Fund II, LLC	DE	DS	Ceres Agricultural Properties, LLC	Ownership	99.000	TIAA Board of Governors	NO	
				4633303			IAI Australia Fund II Pty, Ltd	AUS	DS	International Agricultural Investors Fund II, LLC	Ownership	100.000	TIAA Board of Governors	NO	
				4633312			IAI Australia Fund II Trust	AUS	DS	International Agricultural Investors Fund II, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-2747755	4633349			IAI USA Fund II, LLC	DE	DS	International Agricultural Investors Fund II, LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Tricahue Farms SpA	CHL	DS	Ceres Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-4120472	5683257			Churchill Junior Capital Opportunities Fund II, L.P.	DE	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Governors	NO	
			98-1402136	5227521			Churchill Middle Market CLO IV Ltd.	CYM	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			81-1810508	5041624			Churchill Middle Market Senior Loan Fund, LP	DE	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Governors	NO	

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			84-5024895	5656859			Churchill Middle Market Senior Loan Fund III (Delaware), LP	DE	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Governors	NO	
							Churchill MM Warehouse, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			26-3049305	4601928			Demeter Agricultural Properties, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			45-2632248	4600770			Dionysus Properties, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			94-3306131	4601861			Silverado Premium Properties, LLC	CA	DS	Dionysus Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			68-0436609	4612764			Arroyo Loma, LLC	DE	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			75-3025596	4612867			Chalk Ridge Vineyard, LLC	CA	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			20-3964695	4613314			Hobson Avenue Vineyard, LLC	CA	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-1542713	4613417			Marsino Vineyard, LLC	CA	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			20-2103733	4613864			Silverado Los Alamos Vineyards, LLC	CA	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-1933477	5618334			Mesa Del Rio Vineyard, LLC	CA	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			20-2490906	4613882			Silverado SLO Vineyards, LLC	CA	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			20-2103788	4613891			Silverado Sonoma Vineyards, LLC	CA	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			68-0466083	4613949			SPP Napa Vineyards, LLC	DE	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			94-3361818	4613967			Stanly Ranch Vineyards, LLC	CA	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-3774024	4613976			Suscol Mountain Vineyards, LLC	CA	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-2766605	4614665			Terra Ventosa Vineyards, LLC	CA	DS	Silverado Premium Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			43-3997217	4601870			Silverado Winegrowers Holdings, LLC	DE	DS	Dionysus Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			68-0443927	4613921			Silverado Winegrowers, LLC	CA	DS	Silverado Winegrowers Holdings, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			94-3357571	4614759			Alta Loma Vineyard LLC	CA	DS	Silverado Winegrowers, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			91-1806950	4615783			Silverado Suscol, LLC	CA	DS	Silverado Winegrowers, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			45-4820104	4617077			SWG Paso Vineyards, LLC	CA	DS	Silverado Winegrowers, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-3561447	4599708	1454640		Distressed Opportunities Fund, L.P.	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	50.000	TIAA Board of Governors	NO	
			98-0580879	4680307			DWM Inclusive Finance Equity Fund II	LUX	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Governors	NO	
			98-0580879	4633947			DWM Microfinance Equity Fund I	LUX	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Governors	NO	
			90-0615674	3838857	1502749		EverBank Financial Corp.	DE	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Governors	YES	
							FULC JV LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
				5485004			Global Real Estate Debt Partners - Fund II (UK) SCSP	LUX	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Governors	NO	1100
							Global Real Estate Debt Partners Fund III (UK) SCSp	LUX	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Governors	NO	
			87-2192709				GreshamQuant SAFI Fund, L.L.C.	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			81-0737062	4952750			Growth Capital Fund I, L.P.	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	94.000	TIAA Board of Governors	NO	
				4860556			Inception GP LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			27-4149157	4860846			Infra Alpha LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			33-3116891				Iron Wolf Holdco LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			33-6738569				Iron Wolf Acquisition Trust	DE	DS	Iron Wolf Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	

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							Landa Fund, F.C.R.	ESP	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Governors	NO	
			84-2323824	5708794			Landed Educator Retention Fund, LP	DE	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Governors	NO	
			47-4169877	4874656			Lewis & Clark Timberlands, LP	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	58.960	TIAA Board of Governors	NO	
			47-4187541	4876436			L&C Log Co, LLC	DE	DS	Lewis & Clark Timberlands, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-4196668	4945967			L&C Tree Farms, LLC	DE	DS	Lewis & Clark Timberlands, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-5300478	4946384			L&C TRS LLC	DE	DS	L&C Tree Farms, LLC	Ownership	100.000	TIAA Board of Governors	NO	
				4601852			Mansilla Participações Ltda.	BRA	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
				4634654			Radar Propriedades Agricolas S.A.	BRA	DS	Mansilla Participações Ltda.	Ownership	65.770	TIAA Board of Governors	NO	1400
				4643320			Nova Agrícola Ponte Alta S.A.	BRA	DS	Radar Propriedades Agricolas S.A.	Ownership	58.550	TIAA Board of Governors	NO	
				4643049			Nova Amaralina Propriedades Agrícolas S.A	BRA	DS	Radar Propriedades Agricolas S.A.	Ownership	58.550	TIAA Board of Governors	NO	
				4643058			Nova Santa Barbara Agrícola S.A.	BRA	DS	Radar Propriedades Agricolas S.A.	Ownership	58.550	TIAA Board of Governors	NO	
				4644523			Terras da Ponte Alta S.A.	BRA	DS	Radar Propriedades Agricolas S.A.	Ownership	58.550	TIAA Board of Governors	NO	
				4634645			Radar II Propriedades Agrícolas S.A.	BRA	DS	Mansilla Participações Ltda.	Influence		TIAA Board of Governors	NO	
				4644318			Bioinvestments Negócios e Participações S.A.	BRA	DS	Radar II Propriedades Agrícolas S.A.	Ownership	99.990	TIAA Board of Governors	NO	
				5777709			Castanheira Propriedades Agrícolas S.A	BRA	DS	Radar II Propriedades Agrícolas S.A.	Ownership	58.550	TIAA Board of Governors	NO	
				5777718			Manacá Propriedades Agrícolas S.A	BRA	DS	Radar II Propriedades Agrícolas S.A.	Ownership	58.550	TIAA Board of Governors	NO	
				5777697			Paineira Propriedades Agrícolas S.A	BRA	DS	Radar II Propriedades Agrícolas S.A.	Ownership	58.550	TIAA Board of Governors	NO	
				4643085			Proud Participações S.A.	BRA	DS	Radar II Propriedades Agrícolas S.A.	Ownership	99.990	TIAA Board of Governors	NO	
				4634654			Radar Propriedades Agricolas S.A.	BRA	DS	Radar II Propriedades Agrícolas S.A.	Ownership	15.310	TIAA Board of Governors	NO	1400
				4644336			Vale da Ponte Alta S.A.	BRA	DS	Radar II Propriedades Agrícolas S.A.	Ownership	99.990	TIAA Board of Governors	NO	
			13-1624203	5077137			MM Funding, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			47-0902011	5043075			MyVest Corporation	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			85-4078036				NBPT Aggregator LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			11-3034756	4600789			ND Properties LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	99.000	TIAA Board of Governors	NO	1500
				4611824			ND Europe S.à r.l.	LUX	DS	ND Properties LLC	Ownership	100.000	TIAA Board of Governors	NO	
				4912781			ND Europe Office Holdings S.à r.l.	LUX	DS	ND Europe S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4914776			Cityhold Euro S.à r.l.	LUX	DS	ND Europe Office Holdings S.à r.l.	Influence		TIAA Board of Governors	NO	1600
				4925558			Cityhold Nymphe S.à r.l.	LUX	DS	ND Europe Office Holdings S.à r.l.	Influence		TIAA Board of Governors	NO	1700
				4925530			Cityhold Propco 11 S.à r.l.	LUX	DS	ND Europe Office Holdings S.à r.l.	Influence		TIAA Board of Governors	NO	
				5596807			OVG Cloud S.à r.l.	LUX	DS	Cityhold Propco 11 S.à r.l.	Ownership	10.100	TIAA Board of Governors	NO	1800
				4913416			Cityhold Office Partnership S.à r.l.	LUX	DS	ND Europe Office Holdings S.à r.l.	Influence		TIAA Board of Governors	NO	
				5354829			CHOP OPCI	FRA	DS	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
			98-1435873	5356373			Cityhold Iconic Holding SAS	FRA	DS	CHOP OPCI	Ownership	100.000	TIAA Board of Governors	NO	
			98-1433967	5371554			Cityhold Iconic Hotel SNC	FRA	DS	Cityhold Iconic Holding SAS	Ownership	100.000	TIAA Board of Governors	NO	
			98-1433956	5371563			Cityhold Iconic Office SCI	FRA	DS	Cityhold Iconic Holding SAS	Ownership	100.000	TIAA Board of Governors	NO	
			98-1433960	5371572			Cityhold Iconic Retail SNC	FRA	DS	Cityhold Iconic Holding SAS	Ownership	100.000	TIAA Board of Governors	NO	
			98-1433975	5371590			Cityhold Iconic Youth Hostel SNC	FRA	DS	Cityhold Iconic Holding SAS	Ownership	100.000	TIAA Board of Governors	NO	
				5585128			Cityhold EST Investment S.à r.l.	LUX	DS	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				5618558			Cityhold Prinses Coöperatief U.A.	NLD	DS	Cityhold EST Investment S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				5618567			Cityhold Prinses AcquiCo B.V.	NLD	DS	Cityhold Prinses Coöperatief U.A.	Ownership	100.000	TIAA Board of Governors	NO	
				5618576			Ark Portfolio Owner Prinses B.V.	NLD	DS	Cityhold Prinses AcquiCo B.V.	Ownership	100.000	TIAA Board of Governors	NO	

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							Cityhold Jobbe SAS	FRA	DS	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
							Cityhold Jobbe SCI	FRA	DS	Cityhold Jobbe SAS	Ownership	100.000	TIAA Board of Governors	NO	
				4925558			Cityhold Nymphe S.à r.l.	LUX	DS	Cityhold Office Partnership S.à r.l.	Ownership	88.000	TIAA Board of Governors	NO	1700
				4920094			Cityhold Propco 6 S.à r.l.	LUX	DS	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
			98-1433939	5354847			Cityhold Iconic Hotel OPCO SAS	FRA	DS	Cityhold Propco 6 S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
			98-1435880	5354856			Cityhold Iconic Investments S.à r.l.	LUX	DS	Cityhold Propco 6 S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4925521			Cityhold Propco 9 S.à r.l.	LUX	DS	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4612746			36 rue La Fayette SAS	FRA	DS	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4613828			SAS Roosevelt	FRA	DS	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4914767			Roosevelt Participation S.à r.l.	LUX	DS	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4615578			SNC Roosevelt	FRA	DS	SAS Roosevelt	Ownership	99.990	TIAA Board of Governors	NO	1900
				4615578			SNC Roosevelt	FRA	DS	Roosevelt Participation S.à r.l.	Ownership	0.010	TIAA Board of Governors	NO	1900
				4612876			Courcelles 70 SAS	FRA	DS	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4914776			Cityhold Euro S.à r.l.	LUX	DS	Cityhold Propco 9 S.à r.l.	Ownership	88.000	TIAA Board of Governors	NO	1600
				4925549			Cityhold Propco 7 S.à r.l.	LUX	DS	Cityhold Euro S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4925615			Cityhold Propco 10 S.à r.l.	LUX	DS	Cityhold Euro S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				5612501			Cityhold Gouden Bocht B.V.	NLD	DS	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				5486962			Cityhold Gouden Bocht Monumenten B.V.	NLD	DS	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
			98-1438380	5354838			Redevelopment Property II B.V.	NLD	DS	Cityhold Propco 9 S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4925633			Cityhold Propco 12 S.à r.l.	LUX	DS	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				5593178			Cityhold GC Investment S.à r.l.	LUX	DS	Cityhold Propco 12 S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				5596807			OVG Cloud S.à r.l.	LUX	DS	Cityhold Propco 12 S.à r.l.	Ownership	89.900	TIAA Board of Governors	NO	1800
							Cityhold Grand Central Berlin SCS	LUX	DS	OVG Cloud S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4914785			Cityhold Sterling S.à r.l.	LUX	DS	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4914758			Cityhold UK Holding S.à r.l.	LUX	DS	Cityhold Sterling S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
							Cityhold Belgrave Operational Investment S.à r.l.	LUX	DS	Cityhold UK Holding S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
							Cityhold Belgrave Operational Holding S.à r.l.	LUX	DS	Cityhold UK Holding S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
							Belgrave House Operational Unit Trust	JEY	DS	Cityhold Belgrave Operational Holding S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4919753			Cityhold UK Investment S.à r.l.	LUX	DS	Cityhold UK Holding S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4651343			London Belgrave Unit Trust	JEY	DS	Cityhold UK Holding S.à r.l.	Ownership	99.800	TIAA Board of Governors	NO	2000
				4651343			London Belgrave Unit Trust	JEY	DS	Cityhold UK Investment S.à r.l.	Ownership	0.200	TIAA Board of Governors	NO	2000
				4949198			CLOF Victoria Nominee 1 Limited	GBR	DS	London Belgrave Unit Trust	Ownership	100.000	TIAA Board of Governors	NO	
				4949228			CLOF Victoria Nominee 2 Limited	GBR	DS	London Belgrave Unit Trust	Ownership	100.000	TIAA Board of Governors	NO	
				4919744			60 Great Portland Street Unit Trust	JEY	DS	Cityhold UK Holding S.à r.l.	Ownership	99.400	TIAA Board of Governors	NO	2100
				4919744			60 Great Portland Street Unit Trust	JEY	DS	Cityhold UK Investment S.à r.l.	Ownership	0.600	TIAA Board of Governors	NO	2100
				4920067			HV Properties S.à r.l.	LUX	DS	Cityhold UK Holding S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4925763			HV Freehold S.à r.l.	LUX	DS	HV Properties S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4920076			SMA Holding S.à r.l.	LUX	DS	Cityhold UK Holding S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4614704			TIAA Lux 9 S.à r.l.	LUX	DS	Cityhold Office Partnership S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4615738			SAS Malachite	FRA	DS	TIAA Lux 9 S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4616847			SNC Garnet-TIAA	FRA	DS	SAS Malachite	Ownership	100.000	TIAA Board of Governors	NO	
				4616856			SNC La Defense	FRA	DS	SAS Malachite	Ownership	100.000	TIAA Board of Governors	NO	
				4616865			SNC Lazuli	FRA	DS	SAS Malachite	Ownership	100.000	TIAA Board of Governors	NO	
				4616874			SNC Peridot	FRA	DS	SAS Malachite	Ownership	100.000	TIAA Board of Governors	NO	
				4613015			T-C Pep Holding S.à r.l.	LUX	DS	ND Europe S.à r.l.	Ownership	51.000	TIAA Board of Governors	NO	
				4617488			T-C Pep Asset S.à r.l.	LUX	DS	T-C Pep Holding S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	

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			4614674				TIAA Lux 11 S.à r.l.	LUX	DS	ND Europe S.à r.l.	Ownership	51.000	TIAA Board of Governors	NO	
			4611842				TIAA Lux 5 S.à r.l.	LUX	DS	ND Properties LLC	Ownership	100.000	TIAA Board of Governors	NO	
							NEFCO Acquisitions, Inc.	DE	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Governors	NO	
			82-4183425	5613357			New York City Property Fund II LP	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	88.890	TIAA Board of Governors	NO	
							2 Hudson Square Holdings LLC	DE	DS	New York City Property Fund II LP	Ownership	100.000	TIAA Board of Governors	NO	
			87-3846434	5704125			Cory Road REIT LLC	DE	DS	New York City Property Fund II LP	Influence		TIAA Board of Governors	NO	
			87-3847578	5704143			Cory Road Operating LP	DE	DS	Cory Road REIT LLC	Ownership	98.620	TIAA Board of Governors	NO	
			87-3737804	5777642			Cory Road Associates LLC	DE	DS	Cory Road Operating LP	Ownership	100.000	TIAA Board of Governors	NO	
			87-4032308	5704406			Cory Road TRS LLC	DE	DS	Cory Road Associates LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-3783569	5704161			NYCPF II 94th Street Pooling LP	DE	DS	New York City Property Fund II LP	Influence		TIAA Board of Governors	NO	
							309 East 94th Street Holdings LLC	DE	DS	NYCPF II 94th Street Pooling LP	Ownership	98.670	TIAA Board of Governors	NO	
			83-4678924	5589537			New York City Property Fund REIT LLC	DE	DS	New York City Property Fund II LP	Influence		TIAA Board of Governors	NO	
			83-4701919	5588473			New York City Fund Operating GP LLC	DE	DS	New York City Property Fund REIT LLC	Ownership	100.000	TIAA Board of Governors	NO	
			83-4671194	5587841			New York City Property Fund Operating LP	DE	DS	New York City Property Fund REIT LLC	Ownership	98.620	TIAA Board of Governors	NO	
			84-3388831	5620690			125 West End Investors LLC	DE	DS	New York City Property Fund Operating LP	Ownership	97.500	TIAA Board of Governors	NO	
			84-3408615	5620702			125 West End Holdings LLC	DE	DS	125 West End Investors LLC	Ownership	100.000	TIAA Board of Governors	NO	
			83-4653622	5694600			125 West End Associates LLC	DE	DS	125 West End Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-4309659	5834639			Ridge Hill Holdings LLC	DE	DS	New York City Property Fund II LP	Influence		TIAA Board of Governors	NO	
			36-5014830	5833874			Ridge Hill Associates LLC	DE	DS	Ridge Hill Holdings LLC	Ownership	83.330	TIAA Board of Governors	NO	
			84-2320652	5486944			NGFF Holdco, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-1895540	5535329			Nuveen Global Farmland Fund, LP	DE	DS	NGFF Holdco, LLC	Ownership	67.700	TIAA Board of Governors	NO	
			84-1834824	5535347			Global Farmland Properties, LLC	DE	DS	Nuveen Global Farmland Fund, LP	Ownership	100.000	TIAA Board of Governors	NO	
							GFP Master Holdco S.à r.l.	LUX	DS	Global Farmland Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
							GFP Iberia Holdco s.l.	ESP	DS	GFP Master Holdco S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
			85-3631808	5596740			NGFF FFI, LLC	DE	DS	Global Farmland US Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-1857338	5535383			US Horticulture Farmland, LLC	DE	DS	Global Farmland US Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-1842298	5535374			US Row Farmland, LLC	DE	DS	Global Farmland US Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-1880235	5535365			US Viticulture Farmland, LLC	DE	DS	Global Farmland US Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-0403836	5786046			NGTF Holdco, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			86-3398532				North Haven Falcon Holding Company, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Governors	NO	
			46-2031403	4860800			NRFC Inception IV, LP	DE	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Governors	NO	
							Nuveen Churchill Private Equity Solutions, LP	DE	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Governors	NO	
							Nuveen Climate Inclusion Fund II LP	DE	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Governors	NO	
			98-1549843				Nuveen CLO Issuance Fund, LP	CYM	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Governors	NO	
			92-1165432				Nuveen CLO Issuance Feeder Fund II, LP	DE	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Governors	NO	
							Nuveen CLO Issuance Feeder Fund III, LP	DE	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Governors	NO	
			88-3829767				Nuveen CLO Opportunities Fund LP	DE	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Governors	NO	

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							Nuveen European Core Renewable Infrastructure S.C.A. SICAV-RAIF	LUX	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Governors	NO	
			84-5180286	5633029			Nuveen Global Impact Fund, LP	DE	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Governors	NO	
			83-4357309	5400584			Nuveen High Yield Municipal Opportunities Fund LP	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	68.860	TIAA Board of Governors	NO	
			83-4341275	5400511			Nuveen Municipal Opportunities Fund LP	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	74.420	TIAA Board of Governors	NO	
			88-1470999	5729230			Nuveen Real Estate U.S. Affordable Housing Fund LP	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	91.469	TIAA Board of Governors	NO	
			93-2601876				Nuveen Real Estate U.S Affordable Housing Fund Holdings LP	DE	DS	Nuveen Real Estate U.S. Impact Housing Fund LP	Ownership	100.000	TIAA Board of Governors	NO	
			88-1539505	5729276			Nuveen Real Estate U.S. Affordable Housing Fund REIT LLC	DE	DS	Nuveen Real Estate U.S. Impact Housing Fund Holdings LP	Ownership	100.000	TIAA Board of Governors	NO	
			88-1470699	5729315			Nuveen Real Estate U.S. Affordable Housing Fund Operating GP LLC	DE	DS	Nuveen Real Estate U.S. Impact Housing Fund REIT LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-1472235	5729306			Nuveen Real Estate U.S. Affordable Housing Fund Operating LP	DE	DS	Nuveen Real Estate U.S. Impact Housing Fund REIT LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-3423227	5784967			IHF FA Woodbridge Investor Member LLC	DE	DS	Nuveen Real Estate U.S. Impact Housing Fund Operating LP	Ownership	100.000	TIAA Board of Governors	NO	
			88-4255084	5802692			USAHF GP Holdco Parent LLC	DE	DS	Nuveen Real Estate U.S. Impact Housing Fund Operating LP	Ownership	100.000	TIAA Board of Governors	NO	
			92-0790831	5802713			USAHF GP Holdco LLC	DE	DS	USAHF GP Holdco Parent LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-3778697				USAHF Somerset GP LLC	DE	DS	USAHF GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-3779354				USAHF Somerset LP LLC	DE	DS	USAHF GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			27-3653522				Somerset Glen Apartments, L.P.	CA	DS	USAHF Somerset LP LLC	Ownership	100.000	TIAA Board of Governors	NO	
			39-2348772				USAHF Union Street Houses LLC	DE	DS	USAHF GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-3365983	5860432			USIHF Tressa GP LLC	DE	DS	USAHF GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-3365006	5860227			USIHF Tressa LP LLC	DE	DS	USAHF GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			20-8630911				Linden 143, LLC	WA		USIHF Tressa LP LLC	Ownership	99.999	TIAA Board of Governors	NO	
			92-1460099	5810745			USIHF GP NY Holdco LLC	DE	DS	USAHF GP Holdco Parent LLC	Ownership	100.000	TIAA Board of Governors	NO	
			86-1702891	5614260			Nuveen Real Estate U.S. Strategic Alternatives Fund I LP	DE	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Governors	NO	
			88-1443255	5729267			Nuveen Real Estate U.S. Strategic Lab Vehicle LP	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	62.500	TIAA Board of Governors	NO	
			88-2640357	5756003			Nuveen Real Estate U.S. Strategic Lab Vehicle Holdings LP	DE	DS	Nuveen Real Estate U.S. Strategic Lab Vehicle LP	Ownership	100.000	TIAA Board of Governors	NO	
			88-1443830	5729324			Nuveen Real Estate U.S. Strategic Lab Vehicle REIT LLC	DE	DS	Nuveen Real Estate U.S. Strategic Lab Vehicle Holdings LP	Ownership	100.000	TIAA Board of Governors	NO	
				5767625			Nuveen Real Estate U.S. Strategic Lab Vehicle REIT Sub GP LLC	DE	DS	Nuveen Real Estate U.S. Strategic Lab Vehicle REIT LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5767607			Nuveen Real Estate U.S. Strategic Lab Vehicle REIT Sub LP	DE	DS	Nuveen Real Estate U.S. Strategic Lab Vehicle REIT LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-2561353	5754906			Nuveen Real Estate U.S. Strategic Lab Vehicle Non-REIT LLC	DE	DS	Nuveen Real Estate U.S. Strategic Lab Vehicle LP	Ownership	100.000	TIAA Board of Governors	NO	
			39-2792640				Nuveen Strategic Retail Aggregator LP	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	98.500	TIAA Board of Governors	NO	
			99-0597677				Nuveen U.S. Strategic Debt Fund, LP	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	30.413	TIAA Board of Governors	NO	
			99-1849636				SDF REIT Manager LLC	DE	DS	Nuveen U.S. Strategic Debt Fund, LP	Ownership	100.000	TIAA Board of Governors	NO	
			99-1848959				SDF REIT Member LP	DE	DS	Nuveen U.S. Strategic Debt Fund, LP	Ownership	100.000	TIAA Board of Governors	NO	
			99-1849428				SDF REIT LLC	DE	DS	SDF REIT Member LP	Ownership	100.000	TIAA Board of Governors	NO	

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			99-1855635				SDF REIT Holdco LLC	DE	DS	SDF REIT LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-2976131				SDF Midpoint LLC	DE	DS	SDF REIT Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			99-1856144				SDF REIT Holdco Seller LLC	DE	DS	SDF REIT Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			99-5087755				SDF REIT Holdco Seller II LLC	DE	DS	SDF REIT Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			99-1856622				SDF REIT Holdco TRS LLC	DE	DS	SDF REIT Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-4750562	4600846			Occator Agricultural Properties, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			46-1768969	4611860			AGR Agricultural Investments LLC	DE	DS	Occator Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5106475			Mandala Food Co-Investment Holdings II SPV	MUS	DS	Occator Agricultural Properties, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-1933477	5596731			Otto's South Vineyard, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
							Quaero European Infrastructure Fund III SCSp	LUX	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Governors	NO	
			82-5349340				RAHF IV Shore Hill Member, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Governors	NO	
			86-3993655				Renewable Power Fund Plus, LP	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	99.000	TIAA Board of Governors	NO	
			45-2792614	4601142			Renewable Timber Europe, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
				4990994			Renewable Timber Netherlands B.V.	POL	DS	Renewable Timber Europe, LLC	Ownership	100.000	TIAA Board of Governors	NO	
				4614713			Topola Lasy Spolka z o. o.	POL	DS	Renewable Timber Netherlands B.V.	Ownership	100.000	TIAA Board of Governors	NO	
			85-1358046				REP Coinvest III TEC, L.P.	DE	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Governors	NO	
			98-1718925	5860218			Seven30 Insurance (Bermuda) Co. Limited	BMU	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
							Seven30 Re (Bermuda) Co. Limited	BMU	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			47-4155469	4865056			SHF-Millennium One Apts, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			03-0543113	4868637			Siguler Guff Third Avenue, L.P.	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
				4858629			Social Infra, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
				4630601			Stichting Bewaarder Ziemia Fund	NLD	DS	Teachers Insurance and Annuity Association of America	Influence		TIAA Board of Governors	NO	
			46-0750331	4612111			T-C 919 N. Michigan Avenue Retail LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			81-2490530	4998431			T-C Australia RE Holdings I, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			81-2506975	5003426			T-C Australia RE Holdings II, LLC	DE	DS	T-C Australia RE Holdings I, LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5084966			TIAA Australia Real Estate Trust	AUS	DS	T-C Australia RE Holdings II, LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5085749			TIAA Melbourne Retail Holding 1 Trust	AUS	DS	TIAA Australia Real Estate Trust	Ownership	100.000	TIAA Board of Governors	NO	
				5087891			TIAA Melbourne Retail Asset 1 Trust	AUS	DS	TIAA Melbourne Retail Holding 1 Trust	Ownership	100.000	TIAA Board of Governors	NO	
				5399969			TGA Australia Real Estate Trust 2	AUS	DS	T-C Australia RE Holdings II, LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5400481			TGA PBSA Hold Trust	AUS	DS	TGA Australia Real Estate Trust 2	Ownership	100.000	TIAA Board of Governors	NO	
				5424133			TGA PBSA Asset Trust 1	AUS	DS	TGA PBSA Hold Trust	Ownership	100.000	TIAA Board of Governors	NO	
				5596768			TGA PBSA Asset Trust 2	AUS	DS	TGA PBSA Hold Trust	Ownership	100.000	TIAA Board of Governors	NO	
				5596777			TGA PBSA Asset Trust 3	AUS	DS	TGA PBSA Hold Trust	Ownership	100.000	TIAA Board of Governors	NO	
				5708749			TGA PBSA Asset Trust 4	AUS	DS	TGA PBSA Hold Trust	Ownership	100.000	TIAA Board of Governors	NO	
							TGA PBSA Asset Trust 5	AUS	DS	TGA PBSA Hold Trust	Ownership	100.000	TIAA Board of Governors	NO	
							TGA PBSA Asset Trust 6	AUS	DS	TGA PBSA Hold Trust	Ownership	100.000	TIAA Board of Governors	NO	

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				5699865			TGA PBSA Hold Trust 2	AUS	DS	TGA PBSA Hold Trust	Ownership	100.000	TIAA Board of Governors	NO	
			47-2369576	4794473			T-C Europe, LP	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	99.000	TIAA Board of Governors	NO	2200
				4843410			T-C Europe S.à r.l.	LUX	DS	T-C Europe, LP	Ownership	100.000	TIAA Board of Governors	NO	
							T-C Denmark ApS	DNK	DS	T-C Europe S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
							Nordsjælandshusene 2 ApS	DNK	DS	T-C Denmark ApS	Ownership	100.000	TIAA Board of Governors	NO	
				4841443			T-C Luxembourg Neptune Holding S.à r.l.	LUX	DS	T-C Europe S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4841993			T-C Neptune Holdings S.à r.l.	LUX	DS	T-C Luxembourg Neptune Holding S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4843401			Neptune Property Venture S.à r.l.	LUX	DS	T-C Neptune Holdings S.à r.l.	Ownership	61.800	TIAA Board of Governors	NO	
				5472901			Castel Guelfo I S.r.l.	ITA	DS	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4912745			Neptune Annopol sp. z o.o	POL	DS	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4908364			Neptune Holding Spain, S.L.	ESP	DS	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4912709			Promcat Alternativa, S.L.	ESP	DS	Neptune Holding Spain, S.L.	Ownership	100.000	TIAA Board of Governors	NO	
				4912736			Neptune Krakow sp. z o.o	POL	DS	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				5083651			Neptune Madrid Holdco, S.L.	ESP	DS	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				5085691			Neptune Nassica Propco S.L.	ESP	DS	Neptune Madrid Holdco, S.L.	Ownership	100.000	TIAA Board of Governors	NO	
				5085703			Neptune Getafe Propco SL	ESP	DS	Neptune Madrid Holdco, S.L.	Ownership	100.000	TIAA Board of Governors	NO	
				5084920			Neptune Las Rozas Outlet SL	ESP	DS	Neptune Madrid Holdco, S.L.	Ownership	100.000	TIAA Board of Governors	NO	
				5084939			Neptune San Sebastian Outlet SL	ESP	DS	Neptune Madrid Holdco, S.L.	Ownership	100.000	TIAA Board of Governors	NO	
				4948687			Neptune OPCI SAS	FRA	DS	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4952648			Roppenheim Holding SAS	FRA	DS	Neptune OPCI SAS	Ownership	100.000	TIAA Board of Governors	NO	
				4901383			Roppenheim Outlet SNC	FRA	DS	Roppenheim Holding SAS	Ownership	99.990	TIAA Board of Governors	NO	2300
				5083633			Neptune Poznan sp. z o.o	POL	DS	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				5354865			Neptune Property Holding S.à r.l.	LUX	DS	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				5356382			Neptune Amsterdam B.V.	NLD	DS	Neptune Property Holding S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				5659476			Neptune Gliwice sp. z o.o	POL	DS	Neptune Property Holding S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4949095			Neptune Roppenheim Holding S.à r.l.	FRA	DS	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				4901383			Roppenheim Outlet SNC	FRA	DS	Neptune Roppenheim Holding S.à r.l	Ownership	0.010	TIAA Board of Governors	NO	2300
				5198779			Neptune Ursus sp. z o.o	POL	DS	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				5083642			Neptune Vicolungo I S.r.l.	ITA	DS	Neptune Property Venture S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
							T-C Storage Portfolio HoldCo S.à r.l.	LUX	DS	T-C Europe S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
							T-C Nordics Investment AB	SWE	DS	T-C Storage Portfolio HoldCo S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
							T-C Storage HoldCo AB	SWE	DS	T-C Nordics Investment AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S AB	SWE	DS	T-C Storage HoldCo AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Andelar AB	SWE	DS	Green S AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Bygg AB	SWE	DS	Green S AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Portfölj 1 AB	SWE	DS	Green S AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Ankarsrum 4 AB	SWE	DS	Green S Portfölj 1 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Domherren 5 AB	SWE	DS	Green S Portfölj 1 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Ekfatet 4 AB	SWE	DS	Green S Portfölj 1 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Förgasaren 5 AB	SWE	DS	Green S Portfölj 1 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Huvudsta 3 29 AB	SWE	DS	Green S Portfölj 1 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Kopparen 3 AB	SWE	DS	Green S Portfölj 1 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Rasten 2 AB	SWE	DS	Green S Portfölj 1 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Skälby 2 14 AB	SWE	DS	Green S Portfölj 1 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Söderbymalm 7 14 AB	SWE	DS	Green S Portfölj 1 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Veden 103 AB	SWE	DS	Green S Portfölj 1 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Vreten 12 KB	SWE	DS	Green S Portfölj 1 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Portfölj 2 AB	SWE	DS	Green S AB	Ownership	100.000	TIAA Board of Governors	NO	

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							Green S Sandarna 22 4 AB	SWE	DS	Green S Portfölj 2 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Bävertanden 1 AB	SWE	DS	Green S Portfölj 2 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Blixtljuset 15 AB	SWE	DS	Green S Portfölj 2 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Hjulmakaren 2 AB	SWE	DS	Green S Portfölj 2 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Kvillebäcken 60:16 AB	SWE	DS	Green S Portfölj 2 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Norrtälje AB	SWE	DS	Green S Portfölj 2 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Ormbunken 3 AB	SWE	DS	Green S Portfölj 2 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Orren 2 AB	SWE	DS	Green S Portfölj 2 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Rambergstaden 733 385 AB	SWE	DS	Green S Portfölj 2 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Värmdö Gustavsberg 1 551 AB	SWE	DS	Green S Portfölj 2 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Portfölj 7 AB	SWE	DS	Green S AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Bronsyxan 14 Malmö AB	SWE	DS	Green S Portfölj 7 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Fastighetsbolaget Malmö Holmen 11 AB	SWE	DS	Green S Portfölj 7 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Bromsen 3 AB	SWE	DS	Green S Portfölj 7 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green Storage AB	SWE	DS	Green S AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Mellanlagret 24 AB	SWE	DS	Green S AB	Ownership	100.000	TIAA Board of Governors	NO	
							24Storage Sverige AB	SWE	DS	Green S Mellanlagret 24 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Portfölj 3 AB	SWE	DS	Green S Mellanlagret 24 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Hisings Backa Kommanditbolag	SWE	DS	Green S Portfölj 3 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Insekten Kommanditbolag	SWE	DS	Green S Portfölj 3 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Söderby 1 Kommanditbolag	SWE	DS	Green S Portfölj 3 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Portfölj 4 AB	SWE	DS	Green S Mellanlagret 24 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Blästerugnen 4 AB	SWE	DS	Green S Portfölj 4 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Högsbo 28 AB	SWE	DS	Green S Portfölj 4 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Kuröd 4 AB	SWE	DS	Green S Portfölj 4 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Lärkträdet 6 AB	SWE	DS	Green S Portfölj 4 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Testaren 3 AB	SWE	DS	Green S Portfölj 4 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Varla 14 AB	SWE	DS	Green S Portfölj 4 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Portfölj 5 AB	SWE	DS	Green S Mellanlagret 24 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Åby 1 AB	SWE	DS	Green S Portfölj 5 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Bollmora 2 AB	SWE	DS	Green S Portfölj 5 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Kallhäll 9 AB	SWE	DS	Green S Portfölj 5 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Kungsholmen AB	SWE	DS	Green S Portfölj 5 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Lager Sundbyberg Tule AB	SWE	DS	Green S Portfölj 5 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Lännersta 11 AB	SWE	DS	Green S Portfölj 5 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Spiselhällen 3 i Stockholm AB	SWE	DS	Green S Portfölj 5 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Vargen 12 och 13 AB	SWE	DS	Green S Portfölj 5 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Portfölj 6 AB	SWE	DS	Green S Mellanlagret 24 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Bällsta 5 AB	SWE	DS	Green S Portfölj 6 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Fyrislund 11 AB	SWE	DS	Green S Portfölj 6 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Leasehold AB	SWE	DS	Green S Portfölj 6 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Lager Sundbyberg Alby AB	SWE	DS	Green S Portfölj 6 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Nicklet 2 i Stockholm AB	SWE	DS	Green S Portfölj 6 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Örsö 1 AB	SWE	DS	Green S Portfölj 6 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Pelargonian 8 AB	SWE	DS	Green S Portfölj 6 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Portfölj 8 AB	SWE	DS	Green S Mellanlagret 24 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Skjutstallslyckan 22 AB	SWE	DS	Green S Portfölj 8 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Green S Sminkören 1 AB	SWE	DS	Green S Portfölj 8 AB	Ownership	100.000	TIAA Board of Governors	NO	
							Self Storage Group AS	NOR	DS	T-C Storage HoldCo AB	Ownership	100.000	TIAA Board of Governors	NO	

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							City Self-Storage Norge AS	NOR	DS	Self Storage Group AS	Ownership	100.000	TIAA Board of Governors	NO	
							City Self-Storage Sverige AB	SWE	DS	Self Storage Group AS	Ownership	100.000	TIAA Board of Governors	NO	
							Green N Bygg AS	NOR	DS	Self Storage Group AS	Ownership	100.000	TIAA Board of Governors	NO	
							Green Storage AS	NOR	DS	Self Storage Group AS	Ownership	100.000	TIAA Board of Governors	NO	
							Green Storage A/S	DNK	DS	Self Storage Group AS	Ownership	100.000	TIAA Board of Governors	NO	
							Green D Property A/S	DNK	DS	Green Storage A/S	Ownership	100.000	TIAA Board of Governors	NO	
							Green D Byg ApS	DNK	DS	Green Storage A/S	Ownership	100.000	TIAA Board of Governors	NO	
							OK Property AS	NOR	DS	Self Storage Group AS	Ownership	100.000	TIAA Board of Governors	NO	
							OK Minilager AS	NOR	DS	OK Property AS	Ownership	100.000	TIAA Board of Governors	NO	
							Mel Asker 23 AS	NOR	DS	OK Property AS	Ownership	100.000	TIAA Board of Governors	NO	
							TC-Norway AS	NOR	DS	T-C Europe S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
							Bilittveien 6 AS	NOR	DS	TC-Norway AS	Ownership	100.000	TIAA Board of Governors	NO	
							Lonningsflaten 22 Eiendom AS	NOR	DS	TC-Norway AS	Ownership	100.000	TIAA Board of Governors	NO	
							Skedsmo Logistikk AS	NOR	DS	TC-Norway AS	Ownership	100.000	TIAA Board of Governors	NO	
			45-2877772	4601786			T-C GA Real Estate Holdings LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			46-0959792	4611936			8 Spruce Street GA Investor LLC	DE	DS	T-C GA Real Estate Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2144204	5482311			2300 Broadway Storage Operator LLC	DE	DS	T-C GA Real Estate Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-1535030	4750022			T-C 2 Herald Square Member LLC	DE	DS	T-C GA Real Estate Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-1650509	4751711			T-C 2 Herald Square Venture LLC	DE	DS	T-C 2 Herald Square Member LLC	Ownership	51.000	TIAA Board of Governors	NO	
			47-1488131	4753573	1629144		T-C 2 Herald Square Owner LLC	DE	DS	T-C 2 Herald Square Venture LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-2279148				T-C 2 Herald Square Condo Unit Owner LLC	DE	DS	T-C 2 Herald Square Owner LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-2268658				T-C 2 Herald Square Ground Lessee LLC	DE	DS	T-C 2 Herald Square Owner LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-2278716				T-C 2 Herald Square Ground Sublessee LLC	DE	DS	T-C 2 Herald Square Owner LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-1754709	4612018			T-C 470 Park Avenue South Member LLC	DE	DS	T-C GA Real Estate Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-1744112	4613994			T-C 470 Park Avenue South Venture LLC	DE	DS	T-C 470 Park Avenue South Member LLC	Ownership	51.000	TIAA Board of Governors	NO	
			46-1828055	4612036			T-C 475 Fifth Avenue Member LLC	DE	DS	T-C GA Real Estate Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-1839003	4614889			T-C 475 Fifth Avenue Venture LLC	DE	DS	T-C 475 Fifth Avenue Member LLC	Ownership	51.000	TIAA Board of Governors	NO	
			45-3229803	4617330	1577564		T-C 475 Fifth Avenue LLC	DE	DS	T-C 475 Fifth Avenue Venture LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-4665824	4904366			T-C 888 Brannan Member LLC	DE	DS	T-C GA Real Estate Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			45-3479701	4612081			T-C 2300 Broadway LLC	DE	DS	T-C GA Real Estate Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-1220681	4612139			T-C Aspira LLC	DE	DS	T-C GA Real Estate Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-2023405	4763303			T-C Hall of States Member LLC	DE	DS	T-C GA Real Estate Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-2043468	4763796			T-C Hall of States Venture LLC	DE	DS	T-C Hall of States Member LLC	Ownership	50.100	TIAA Board of Governors	NO	
			47-2034237	4767749	1629145		T-C Hall of States Owner LLC	DE	DS	T-C Hall of States Venture LLC	Ownership	100.000	TIAA Board of Governors	NO	
			45-4045658	4612148			T-C Kings Crossing LLC	DE	DS	T-C GA Real Estate Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-1120016	4601973			T-C Legacy Place Member LLC	DE	DS	T-C GA Real Estate Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-0876833	4628550			Legacy Place Associates LLC	MA	DS	T-C Legacy Place Member LLC	Ownership	50.000	TIAA Board of Governors	NO	
							300 Legacy Place Boulevard LLC	DE	DS	Legacy Place Associates, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			30-0769316				Legacy Place Properties LLC	MA	DS	Legacy Place Associates, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-3992388	5689660			TGA Cass White 75 LLC	DE	DS	T-C GA Real Estate Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-1007987	5723322			TGA Forum on Peachtree Investor Member LLC	DE	DS	T-C GA Real Estate Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-1007587	5723331			TGA NAP Forum on Peachtree Venture LLC	DE	DS	TGA Forum on Peachtree Investor Member LLC	Ownership	96.000	TIAA Board of Governors	NO	
			88-1007172	5723340			TGA NAP Forum on Peachtree Owner LLC	DE	DS	TGA NAP Forum on Peachtree Venture LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-1913177	5729931			TGA Lonestar Investor Member LLC	DE	DS	T-C GA Real Estate Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-2029531	5741559			TGA BSL Lonestar JV LLC	DE	DS	TGA Lonestar Investor Member LLC	Ownership	75.000	TIAA Board of Governors	NO	
			88-1913518	5741607			TGA BSL Lonestar Owner LLC	DE	DS	TGA BSL Lonestar JV LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-4019549	5689651			TGA Midway Distribution Center LLC	DE	DS	T-C GA Real Estate Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	

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			88-0655999	5720675			TGA MOB 5005 McConnell Member LLC	DE	DS	T-C GA Real Estate Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-0656194	5720693			TGANX MOB 5005 McConnell Venture LLC	DE	DS	TGA MOB 5005 McConnell Member LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-0655748	5720705			TGA MOB 5005 McConnell LLC	DE	DS	TGANX MOB 5005 McConnell Venture LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-0635252	5720125			TGA Speedway Distribution Center LLC	DE	DS	T-C GA Real Estate Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-1379500	4749969			The Flats Holding Company LLC	DE	DS	T-C GA Real Estate Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-1347366	4752503			The Flats 130 DC Residential LLC	DE	DS	The Flats Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-1363564	4752512			The Flats 140 DC Residential LLC	DE	DS	The Flats Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-1367530	4751766			The Flats DC Grocery LLC	DE	DS	The Flats Holding Company LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-4095803	4864022			T-C Lux Fund Holdings LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
				4896256			T-C Lux Investments Special Limited Partnership	LUX	DS	T-C Lux Fund Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5474053			European Cities Partnership SCSp	LUX	DS	T-C Lux Investments Special Limited Partnership	Management		TIAA Board of Governors	NO	
			81-4583865	5137956			T-C MV Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			81-4599024	5147049			T-C M-T REIT LLC	DE	DS	T-C MV Member LLC	Ownership	99.900	TIAA Board of Governors	NO	
				5482281			T-C MV Member II LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3224525	5492075			T-C M-T REIT II LLC	DE	DS	T-C MV Member II LLC	Ownership	51.000	TIAA Board of Governors	NO	
			85-2937933	5586013			TC MT II Originations TRS LLC	DE	DS	T-C M-T REIT II LLC	Ownership	100.000	TIAA Board of Governors	NO	
			82-1023309	5117800			T-C Permian Investor LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			46-3007720	4599874			T-C SBMC Joint Venture LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			36-4620008	4599128			T-C SMA 2, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			36-4619998	4634029			PennMuni-TIAA U.S. Real Estate Fund, LLC	DE	DS	T-C SMA 2, LLC	Management		TIAA Board of Governors	NO	
			87-2891643				T-C SV Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			87-2974041				T-C S-T REIT LLC	DE	DS	T-C SV Member LLC	Management		TIAA Board of Governors	NO	
			81-2204918	4990976			T-C The Edge at Flagler Village LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			81-3299073	5018635			T-C UK RE Holdings III, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	99.000	TIAA Board of Governors	NO	2400
							T-C UK Open Storage S.à r.l.	LUX	DS	T-C UK RE Holdings III, LLC	Ownership	100.000	TIAA Board of Governors	NO	
							T-C UK Open Storage 2 S.à r.l.	LUX	DS	T-C UK RE Holdings III, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-3148337	4894869			T-C U.S. Super Regional Mall Fund LP	DE	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Governors	NO	
			47-5379777	4925512			T-C Waterford Blue Lagoon General Partner LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			47-5392075	4927785			Waterford Blue Lagoon LP	DE	DS	T-C Waterford Blue Lagoon General Partner LLC	Ownership	1.000	TIAA Board of Governors	NO	2500
			47-5375805	4925503			T-C Waterford Blue Lagoon LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			47-5392075	4927785			Waterford Blue Lagoon LP	DE	DS	T-C Waterford Blue Lagoon LLC	Ownership	50.000	TIAA Board of Governors	NO	2500
			81-0779817	4930226			Westland At Waterford REIT General Partner LLC	DE	DS	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Governors	NO	
				4930244			Waterford Blue Lagoon REIT General Partner LLC	DE	DS	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Governors	NO	
			47-5305678	4930208			Waterford Blue Lagoon REIT LP	DE	DS	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Governors	NO	
			47-5642524	4933067			5201-5301 Waterford General Partner LLC	DE	DS	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Governors	NO	

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			47-5541032	4933012			5201-5301 Waterford Operating LP	DE	DS	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Governors	NO	
			47-5672651	4933076			5200 Waterford General Partner LLC	DE	DS	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Governors	NO	
			47-5498897	4933021			5200 Waterford Operating LP	DE	DS	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Governors	NO	
			81-0722154	4933085			1000 Waterford General Partner LLC	DE	DS	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Governors	NO	
			47-5479437	4933030			1000 Waterford Operating LP	DE	DS	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Governors	NO	
			47-5445045	4933115			701-703 Waterford General Partner LLC	DE	DS	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Governors	NO	
			47-5471474	4933049			701-703 Waterford Operating LP	DE	DS	Waterford Blue Lagoon REIT LP	Ownership	100.000	TIAA Board of Governors	NO	
			82-2631273	5165557			Waterford Core REIT General Partner LLC	DE	DS	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Governors	NO	
			82-2646233	5165566			Waterford Core REIT LP	DE	DS	Waterford Blue Lagoon LP	Ownership	100.000	TIAA Board of Governors	NO	
				5483578			Waterford Core 800 REIT General Partner LLC	DE	DS	Waterford Core REIT LP	Ownership	100.000	TIAA Board of Governors	NO	
			84-3541603	5483523			Waterford Core 800 REIT LP	DE	DS	Waterford Core REIT LP	Ownership	100.000	TIAA Board of Governors	NO	
			81-0733012	4930217			Waterford Core General Partner LLC	DE	DS	Waterford Core 800 REIT LP	Ownership	100.000	TIAA Board of Governors	NO	
			47-5587163	4928661			Waterford Core Operating LP	DE	DS	Waterford Core 800 REIT LP	Ownership	100.000	TIAA Board of Governors	NO	
			82-2672297	5165539			Waterford Core II General Partner LLC	DE	DS	Waterford Core REIT LP	Ownership	100.000	TIAA Board of Governors	NO	
			82-2663579	5165548			Waterford Core II Operating LP	DE	DS	Waterford Core REIT LP	Ownership	100.000	TIAA Board of Governors	NO	
			39-4405167				TCGA Realty LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			41-3170085				TGA Gallery Longmont Investor Member LLC	DE	DS	TCGA Realty LLC	Ownership	100.000	TIAA Board of Governors	NO	
			39-4404650				TGA Reserve At Cherry Creek Investor Member LLC	DE	DS	TCGA Realty LLC	Ownership	100.000	TIAA Board of Governors	NO	
			41-3092454				TGA Reserve Sarasota Investor Member LLC	DE	DS	TCGA Realty LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-2146865	5041688			TEFF Holdco LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			98-1310729	5041660			TIAA European Farmland Fund GP LP	CYM	DS	TEFF Holdco LLC	Ownership	50.000	TIAA Board of Governors	NO	200
			98-1310748	5042658			TIAA European Farmland Fund LP	CYM	DS	TEFF Holdco LLC	Management		TIAA Board of Governors	NO	
				5043066			TEFF Holding S.à r.l.	LUX	DS	TIAA European Farmland Fund LP	Ownership	100.000	TIAA Board of Governors	NO	
				5354810			Areal III sp. z o.o	POL	DS	TEFF Holding S.a.r.l	Ownership	100.000	TIAA Board of Governors	NO	
				5424151			Hodowla Zwierzat Zarodowych Choczewo sp. z o.o	POL	DS	Areal III sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5425082			Hodowla Zwierzat Zarodowych Wierzchucino sp. z o.o	POL	DS	Areal III sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5424094			Hodowla Zwierzat Zarodowych Zarnowiec sp. z o.o	POL	DS	Areal III sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5093856			Dangro Invest A/S	DNK	DS	TEFF Holding S.a.r.l	Ownership	100.000	TIAA Board of Governors	NO	
				5116456			Agat sp. z o.o	POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors	NO	
				5116429			Agrifarm sp. z o.o	POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors	NO	
				5117332			Agro-Dubliny sp. z o.o	POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors	NO	
				5117417			Agroland sp. z o.o	POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors	NO	
				5117350			Amal sp. z o.o	POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors	NO	
				5474763			Cisy sp. z o.o	POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors	NO	
				5117369			Kolno sp. z o.o	POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors	NO	
				5117396			Satopy Spolka z o.o.	POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors	NO	
				5117387			See-Agro sp. z o.o	POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors	NO	
				5117695			Sobieradz sp. z o.o	POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors	NO	
				5104556			Pszenrol sp. z o.o	POL	DS	Dangro Invest SA	Ownership	100.000	TIAA Board of Governors	NO	
				5117435			Budus sp. z o.o	POL	DS	Pszenrol sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5117798			Lozice Spolka z o.o.	POL	DS	Pszenrol sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5116492			Ogardy sp. z o.o	POL	DS	Pszenrol sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5117640			Rola sp. z o.o	POL	DS	Pszenrol sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5117659			Rolpol sp. z o.o	POL	DS	Pszenrol sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	

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				5117668			Rolzbud sp. z o.o	POL	DS	Pszenrol sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5116465			Szafir sp. z o.o	POL	DS	Pszenrol sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5117761			Walichnowy sp. z o.o	POL	DS	Pszenrol sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5117770			Weziny Spolka. z o.o.	POL	DS	Pszenrol sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5117789			Ziemrol sp. z o.o	POL	DS	Pszenrol sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5098486			Adamas sp. z o.o	POL	DS	Pszenrol sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5116586			Amber sp. z o.o	POL	DS	Adamas sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5117444			Cieszys?aw sp. z o.o	POL	DS	Adamas sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5116522			Jaros?awsko I sp. z o.o	POL	DS	Adamas sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5116513			Jaros?awsko II sp. z o.o	POL	DS	Adamas sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5117462			Jasionno sp. z o.o	POL	DS	Adamas sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5116483			Opal sp. z o.o	POL	DS	Adamas sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5117677			Tety? sp. z o.o	POL	DS	Adamas sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5354801			Gospodarstwo Okopy sp. z o.o	POL	DS	TEFF Holding S.a.r.l	Ownership	100.000	TIAA Board of Governors	NO	
				5724115			Agrohop Bielice sp. z o.o	POL	DS	Gospodarstwo Okopy sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5473458			Agrohop Service sp. z o.o	POL	DS	Agrohop Bielice sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5473467			Agrohop sp. z o.o	POL	DS	Agrohop Bielice sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5473476			Agrohop Bis sp. z o.o	POL	DS	Agrohop sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5700613			Cieszanowice Solar Park sp. z o.o w likwidacji	POL	DS	Gospodarstwo Okopy sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
				5424085			Przedsiebiorstwo Rolne Okopy sp. z o.o	POL	DS	Gospodarstwo Okopy sp. z o.o	Ownership	100.000	TIAA Board of Governors	NO	
			84-3332496	5482272			TGA 10th Street Business Park LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			82-1645257	5183412			TGA 127-137 Franklin LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			92-1884082	5829336			TGA 2160 E 7th Street LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			87-1739826	5653607			TGA 26600-26700 Aliso Viejo Parkway LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			81-2769108	5012389			TGA 299 Franklin LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			82-4830474	5371899			TGA 3851 Grandpine Way LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			81-3988795	5049479			TGA 600 College Road LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			88-0637658	5720152			TGA 601D Operating Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			83-2548459	5474231			TGA 730 Third Avenue Owner LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			87-1740428	5653081			TGA 8500-8551 Research Way LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			33-4374748				TGA Airport East 3 LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			99-2069142				TGA Airtech14 LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			33-1606078				TGA APAC Debt Holdings, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			82-2225812	5353886			TGA APAC Fund Holdings, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			98-1429292	5593169			Asia Pacific Cities Fund FCP	LUX	DS	TGA APAC Fund Holdings, LLC	Management		TIAA Board of Governors	NO	2600
				5818536			TGA APAC RE Holdings Pte. Ltd.	SGP	DS	TGA APAC Fund Holdings, LLC	Ownership	100.000	TIAA Board of Governors	NO	

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			82-2311300	5477027			TGA Real Estate Fund Holdings, LLC	DE	DS	TGA APAC Fund Holdings, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			98-1429292	5593169			Asia Pacific Cities Fund FCP	LUX	DS	TGA Real Estate Fund Holdings, LLC	Management		TIAA Board of Governors	NO	2600
			87-4097244	5687929			TGA ASI Eagles Landing Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			88-1120507	5723265			TGA ASI Mission Trails Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			86-3673675	5606014			TGA ASI Monte Vista Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			86-2376987	5609800			TGA ASI Riverstone Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			87-3063209	5657306			TGA ASI Sage Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			88-1120056	5723256			TGA ASI Sierra Vista Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3830265	5500363			TGA Auburn Business Park LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3285557	5495487			TGA Aurora DC III LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3475931	5515237			TGA Baltimore IC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			83-1851559	5353868			TGA Barnes Canyon Life Science LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3303586	5482245			TGA Beckwith Farms LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3314123	5482236			TGA Bedford Park LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			99-3937615				TGA Bloomingdale CC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			85-4073425	5592649			TGA Boulder Creek LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			85-4073222	5592667			TGA Bridge Creek LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3441362	5514119			TGA Bridge Point LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-2939313	5482209			TGA Cactus DC I LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3523623	5515228			TGA Capital Beltway CC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			92-1681994	5818527			TGA Capital Gateway LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3487859	5515321			TGA Center Square DC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3314029	5482861			TGA Centerpointe LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			83-0780652	5375123			TGA Connection at Athens Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			61-1892161	5597989			PEP-TH Athens, LLC	DE	DS	TGA Connections at Athens Investor Member LLC	Ownership	98.000	TIAA Board of Governors	NO	
			83-1011298	5597998			PEP- Athens, LLC	DE	DS	PEP-TH Athens, LLC	Ownership	100.000	TIAA Board of Governors	NO	
							TGA Country Club Plaza Investor LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	

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			85-1065983	5592706			TGA Creekside Village Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3740496	5482964			TGA East Coronado Industrial LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3740590	5482937			TGA East Miraloma Industrial LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3740669	5482946			TGA Emerald Corporate Park LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3502383	5515291			TGA Englewood DC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			85-4076202	5615883			TGA Enterprise Park Business Center LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			83-2810033	5353774			TGA European RE Holdings I LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	99.000	TIAA Board of Governors	NO	2700
				5371620			Eagle GPCo S.à r.l.	LUX	DS	TGA European RE Holdings I LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5371639			Eagle Partnership SCSp	LUX	DS	TGA European RE Holdings I LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5482348			Eagle JVCo S.à r.l.	LUX	DS	Eagle Partnership SCSp	Ownership	100.000	TIAA Board of Governors	NO	
				5482375			CB Krieau Dzwei GmbH	AUT	DS	Eagle JVCo S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				5493867			VIE Student House A GmbH & Co KG	AUT	DS	CB Krieau Dzwei GmbH	Ownership	6.000	TIAA Board of Governors	NO	2800
				5486373			Eagle Austria Holdings S.à r.l.	LUX	DS	Eagle JVCo S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				5493867			VIE Student House A GmbH & Co KG	AUT	DS	Eagle Austria Holdings S.à r.l.	Ownership	94.000	TIAA Board of Governors	NO	2800
				5654631			Wroc?aw Fabryczna 22 sp. z o.o	POL	DS	Eagle JVCo S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				5654622			Wroc?aw Prusa 9 sp. z o.o	POL	DS	Eagle JVCo S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
							European Value Add Minority Invest S.à r.l.	LUX	DS	TGA European RE Holdings I LLC	Ownership	50.500	TIAA Board of Governors	NO	
				5802638			Preferred Housing Living Limited	GBR	DS	TGA European RE Holdings I LLC	Ownership	98.000	TIAA Board of Governors	NO	
							PHLL Holdco Limited	GBR	DS	Preferred Housing Living Limited	Ownership	100.000	TIAA Board of Governors	NO	
							PHL Bicester Limited	GBR	DS	PHLL Holdco Limited	Ownership	100.000	TIAA Board of Governors	NO	
							PHL Burton Limited	GBR	DS	PHLL Holdco Limited	Ownership	100.000	TIAA Board of Governors	NO	
							PHL Camborne Limited	GBR	DS	PHLL Holdco Limited	Ownership	100.000	TIAA Board of Governors	NO	
							PHL Crawley Limited	GBR	DS	PHLL Holdco Limited	Ownership	100.000	TIAA Board of Governors	NO	
							PHL Exeter Limited	GBR	DS	PHLL Holdco Limited	Ownership	100.000	TIAA Board of Governors	NO	
				5812824			PHL Leeds Limited	GBR	DS	PHLL Holdco Limited	Ownership	100.000	TIAA Board of Governors	NO	
							PHL Leicester Limited	GBR	DS	PHLL Holdco Limited	Ownership	100.000	TIAA Board of Governors	NO	
				5812833			PHL Nottingham Limited	GBR	DS	PHLL Holdco Limited	Ownership	100.000	TIAA Board of Governors	NO	
							PHL Shrewsbury Limited	GBR	DS	PHLL Holdco Limited	Ownership	100.000	TIAA Board of Governors	NO	
				5812815			PHL Telford Limited	GBR	DS	PHLL Holdco Limited	Ownership	100.000	TIAA Board of Governors	NO	
				5727777			TGA Housing Holding S.à r.l.	LUX	DS	TGA European RE Holdings I LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5727786			TIAA General Account Housing German Property GmbH	DEU	DS	TGA Housing Holding S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				5806814			TIAA General Account Housing German Services GmbH	DEU	DS	TGA Housing Holding S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				5726921			TK Living GPCo S.à r.l.	LUX	DS	TGA European RE Holdings I LLC	Ownership	90.000	TIAA Board of Governors	NO	
				5353812			TK Living Partnership SCSp	LUX	DS	TGA European RE Holdings I LLC	Ownership	90.000	TIAA Board of Governors	NO	
				5653803			TK Living JVCo S.à r.l.	LUX	DS	TK Living Partnership SCSp	Ownership	100.000	TIAA Board of Governors	NO	
				5653830			Lotomint, S.L.	ESP	DS	TK Living JVCo S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
				5653876			Carminsin, S.L.	ESP	DS	Lotomint, S.L.	Ownership	100.000	TIAA Board of Governors	NO	
							Crisatino, S.L.	ESP	DS	Lotomint, S.L.	Ownership	100.000	TIAA Board of Governors	NO	
							Lucerini, S.L.	ESP	DS	Lotomint, S.L.	Ownership	100.000	TIAA Board of Governors	NO	
							Mangaralia, S.L.	ESP	DS	Lotomint, S.L.	Ownership	100.000	TIAA Board of Governors	NO	

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				5653858			Sanfergar, S.L.	ESP	DS	Lotomint, S.L.	Ownership	100.000	TIAA Board of Governors	NO	
							Stay by Kronos Cordoba, S.L.	ESP	DS	Lotomint, S.L.	Ownership	100.000	TIAA Board of Governors	NO	
							Stay by Kronos Cuatro Vientos, S.L.	ESP	DS	Lotomint, S.L.	Ownership	100.000	TIAA Board of Governors	NO	
							Stay by Kronos Pamplona, S.L.	ESP	DS	Lotomint, S.L.	Ownership	100.000	TIAA Board of Governors	NO	
				5653885			Tinesen, S.L.	ESP	DS	Lotomint, S.L.	Ownership	100.000	TIAA Board of Governors	NO	
							Valdonaire Developments, SL	ESP	DS	Lotomint, S.L.	Ownership	100.000	TIAA Board of Governors	NO	
							Vesterone, S.L.	ESP	DS	Lotomint, S.L.	Ownership	100.000	TIAA Board of Governors	NO	
							Weslinero, S.L.	ESP	DS	Lotomint, S.L.	Ownership	100.000	TIAA Board of Governors	NO	
			33-2882302				TGA European RE Holdings III LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	99.000	TIAA Board of Governors	NO	2900
							Studenthousing Holding SCSp	LUX	DS	TGA European RE Holdings III LLC	Ownership	75.000	TIAA Board of Governors	NO	
							Student Housing Master LuxCo S.à r.l.	LUX	DS	Studenthousing Holding SCSp	Ownership	100.000	TIAA Board of Governors	NO	
							Student Housing PropCo SNC 1	FRA	DS	Student Housing Master LuxCo S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
							Student Housing PropCo SNC 2	FRA	DS	Student Housing Master LuxCo S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
							Student Housing PropCo SNC 3	FRA	DS	Student Housing Master LuxCo S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
							Student Housing PropCo SNC 4	FRA	DS	Student Housing Master LuxCo S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
							Student Housing PropCo SNC 5	FRA	DS	Student Housing Master LuxCo S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
							Student Housing PropCo SNC 6	FRA	DS	Student Housing Master LuxCo S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
							Student Housing PropCo SNC 7	FRA	DS	Student Housing Master LuxCo S.à r.l.	Ownership	100.000	TIAA Board of Governors	NO	
							TGA Studenthousing S.à r.l.	LUX	DS	TGA European RE Holdings III LLC	Ownership	100.000	TIAA Board of Governors	NO	
			39-4937326				TGA European RE Holdings IV, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
							TGA Co-Investments SCSp	LUX	DS	TGA European RE Holdings IV, LLC	Ownership	100.000	TIAA Board of Governors	NO	
							TGA Co-Investments Master LuxCo S.à.r.l.	LUX	DS	TGA Co-Investments SCSp	Ownership	100.000	TIAA Board of Governors	NO	
			41-2458764				TGA European RE Holdings V, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
				5049497			TGA FC Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			82-2708488	5709018			Fenway Center Holding 1-2, LLC	DE	DS	TGA FC Investor Member LLC	Ownership	50.000	TIAA Board of Governors	NO	
			82-2708488				Fenway Center Owner 1-2, LLC	DE	DS	Fenway Center Holding 1-2, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-3523773	5515282			TGA Franklin Square IC I LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3523813	5533530			TGA Franklin Square IC II LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3332846	5482919			TGA Freeport DC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			88-4247949	5837881			TGA Germann Road Apartments LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			92-0783347	5833856			TGA GP Holdco Parent LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			20-1889464				Mill Plain Properties, LLC	NY	DS	TGA GP Holdco Parent LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-5754231				Morris Avenue Master Tenant, LLC	NY	DS	TGA GP Holdco Parent LLC	Ownership	100.000	TIAA Board of Governors	NO	
			83-2879641				Morris Avenue Parking LLC	NY	DS	Morris Avenue Master Tenant, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			86-1818790				Omni Subnote, LLC	DE	DS	TGA GP Holdco Parent LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-4308136				Omni TEM, LLC	DE	DS	TGA GP Holdco Parent LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-3796114				ONY Funding, LLC	DE	DS	TGA GP Holdco Parent LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-4207931				TGA GP Holdco LLC	DE	DS	TGA GP Holdco Parent LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-2351562				525 Sawyer Developer LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-3194474				620 Norton Road GP LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-1627834				Admiral Halsey II GP Member LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	

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PART 1A - DETAILS OF INSURANCE HOLDING COMPANY SYSTEM

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			33-3750977				BH Towers GP LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			39-2101771				Bradford House GP LLC	DE	DS	TGA GP Holdco LLC	Ownership	55.000	TIAA Board of Governors	NO	
			39-2121093				Bradford House LP	DE	DS	Bradford House GP LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-3728279				Carbondale Mill St GP LLC	DE	DS	TGA GP Holdco LLC	Ownership	55.000	TIAA Board of Governors	NO	
			85-2886948				Clay Arsenal Apartments Developers, LLC	CT	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			39-4186977				DF Warrington I Developers LLC	DE	DS	TGA GP Holdco LLC	Ownership	85.000	TIAA Board of Governors	NO	
			33-3632985				Huntley Villa GP LLC	DE	DS	TGA GP Holdco LLC	Ownership	55.000	TIAA Board of Governors	NO	
			33-2953055				Inhofe Plaza Apts GP LLC	DE	DS	TGA GP Holdco LLC	Ownership	55.000	TIAA Board of Governors	NO	
			39-2255743				Lakeside Homes GP LLC	DE	DS	TGA GP Holdco LLC	Ownership	55.000	TIAA Board of Governors	NO	
			39-2255231				Lakeside Homes Owner LP	DE	DS	Lakeside Homes GP LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-4040628				Maple Oak Apts GP LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-3889430				Morningside Gardens Apts GP LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-3870148				New OMP Parkside Developer LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-3870428				New OMP Woodland Springs LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-3889182				New Woodland Springs Developers LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-3669168				OMA Kawaida Towers LLC	NJ	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-1664419				Kawaida Towers Developers, LLC	NJ	DS	OMA Kawaida Towers LLC	Ownership	81.000	TIAA Board of Governors	NO	
			16-1752231				Omni America LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-1963810				Omni Bayfront Jersey City LLC	NJ	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-3556369				Omni Bayfront Jersey City II LLC	NJ	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Omni Sutter LLC	NY	DS	TGA GP Holdco LLC	Ownership	97.000	TIAA Board of Governors	NO	
			85-4282616				Omni WTC, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-1116091				OMP Admiral Halsey II, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-1116970				Admiral Halsey II Developers, LLC	NY	DS	OMP Admiral Halsey II, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-1609610				OMP Barbara Jordan I, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-2108082				OMP Carver Hall, LLC	NJ	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-2926783				OMP Clay Arsenal Apartments, LLC	CT	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			27-0141683				OMP Elizabeth Crossings, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-4588441				OMP Garden Spires, LLC	NJ	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-1559839				OMP Newport Gardens Apartments, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			45-5179236				OMP River Park Bronx Apartments, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-2248055				OMP Rockville Mill River LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-4663704				OMP Spruce Spires, LLC	NJ	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-3290395				OMP Wesley, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-1449544				OMP Woodland Springs, LLC	MD	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			27-0952876				ONY 2059 Madison, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			27-0953168				2059 Madison Developers, LLC	NY	DS	ONY 2059 Madison, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-4233911				ONY Acceptance, LLC	DE	DS	TGA GP Holdco LLC	Ownership	67.500	TIAA Board of Governors	NO	3000
			20-5899799				ONY Admiral Halsey, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			20-5901150				Admiral Halsey Developers, LLC	NY	DS	ONY Admiral Halsey, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-1293156				Admiral Halsey LP Member LLC	DE	DS	ONY Admiral Halsey, LLC	Ownership	99.990	TIAA Board of Governors	NO	
			80-0161362				ONY Baisley, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			80-0161368				Baisley Developers, LLC	NY	DS	ONY Baisley, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-1609431				ONY Barbara Jordan I, LLC	RI	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-1609708				Barbara Jordan I Developers, LLC	RI	DS	ONY Barbara Jordan I, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-4595075				ONY Bedell, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-4595148				Bedell Terrace Developers, LLC	NY	DS	ONY Bedell, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-2052027				ONY Carver Hall, LLC	NJ	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-2047789				Carver Hall Developers, LLC	NJ	DS	ONY Carver Hall, LLC	Ownership	100.000	TIAA Board of Governors	NO	

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			02-0772539				ONY Elizabeth Crossings, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			03-0585654				Elizabeth Crossings Developers, LLC	NY	DS	ONY Elizabeth Crossings, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-2696384				ONY Florence Apartments, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-2696576				Florence Apartments Developers, LLC	NY	DS	ONY Florence Apartments, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-2696040				ONY Forestvale Apartments, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-2696506				Forestvale Apartments Developers, LLC	NY	DS	ONY Forestvale Apartments, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-4544899				ONY Garden Spires, LLC	NJ	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-4519517				Garden Spires Developers, LLC	NJ	DS	ONY Garden Spires, LLC	Ownership	100.000	TIAA Board of Governors	NO	
							ONY Grace, LLC	NY	DS	TGA GP Holdco LLC	Ownership	90.000	TIAA Board of Governors	NO	
			72-1607422				Grace Towers Developers, LLC	NY	DS	ONY Grace, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			27-2308555				ONY Grote Street, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			27-2308863				Grote Street Developers, LLC	NY	DS	ONY Grote Street, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			27-0616100				ONY Harborview Towers, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			27-0619638				Harborview Towers Developers, LLC	NY	DS	ONY Harborview Towers, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-1559738				ONY Newport Gardens Apartments, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-1559908				Newport Gardens Apartments Developers, LLC	NY	DS	ONY Newport Gardens Apartments, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			27-3126921				ONY OLR LBCE, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			27-3127095				OLR LBCE Developers, LLC	NY	DS	ONY OLR LBCE, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			27-3126431				ONY OLR MM, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			27-3126533				OLR MM Developers, LLC	NY	DS	ONY OLR MM, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			20-8997730				ONY Remeeder Houses, LLC	NY	DS	TGA GP Holdco LLC	Ownership	90.000	TIAA Board of Governors	NO	
			20-8998138				Remeeder Houses Developers, LLC	NY	DS	ONY Remeeder Houses, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			45-5178997				ONY River Park Bronx Apartments, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			45-5179306				River Park Bronx Apartments Developers, LLC	NY	DS	ONY River Park Bronx Apartments, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-4628968				ONY Spruce Spires, LLC	NJ	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-4528914				Spruce Spires Developers, LLC	NJ	DS	ONY Spruce Spires, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-2603293				ONY Sycamore Village, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-2696625				Sycamore Village Developers, LLC	NY	DS	ONY Sycamore Village, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			11-3773161				ONY Target V, LLC	NY	DS	TGA GP Holdco LLC	Ownership	90.000	TIAA Board of Governors	NO	
			11-3773163				Target V Developers, LLC	NY	DS	ONY Target V, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			27-2310290				ONY Twin Parks, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			27-2310510				Twin Parks Developers, LLC	NY	DS	ONY Twin Parks, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-3286670				ONY Wesley, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-3287450				Wesley Developers, LLC	NY	DS	ONY Wesley, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-0517489				ONY West Village, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			26-0517581				West Village Developers, LLC	NY	DS	ONY West Village, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			20-5088014				ONY Whitney Young, LLC	NY	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			20-5087669				Whitney Young Developers, LLC	NY	DS	ONY Whitney Young, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-1436537				ONY Woodland Springs, LLC	MD	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-1459393				Woodland Springs Developers, LLC	MD	DS	ONY Woodland Springs, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-5597060				ONY Woodland Townhomes, LLC	MD	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-5597102				Woodland Townhomes Developers, LLC	MD	DS	ONY Woodland Townhomes, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-2908084				Plaza Hills Apts GP LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-3821036				Summit Towers Apts GP LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			99-2918165				Skyline Special Member Inc.	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
							TGA DF 525 Sawyer LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
							TGA DF 620 Norton Road LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			99-4483870				TGA DF Admiral Halsey II LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-4477434				TGA DF BH Towers LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	

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			39-2102541				TGA DF Bradford House LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-3678917				TGA DF Carbondale Mill St LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-3643627				TGA DF Huntley Villa LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-2953651				TGA DF Inhofe Plaza Apts LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
							TGA DF Lakeside Homes LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-4128646				TGA DF Maple Oak Apts LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-3889747				TGA DF Morningside Gardens Apts LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-2907660				TGA DF Plaza Hills Apts LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-3855113				TGA DF Summit Towers Apts LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-4234639				TGA DF The Overlook Apts LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-4259869				TGA DF Thomas Campbell Apts LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-4168298				TGA DF Wedgewood Village LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			93-2848608				TGA DF WY Manor LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-3528354				TGA KT LP LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			93-4382389				TGA LP Interim LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-4408481				TGA Sawyer Member LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-4259505				The Overlook Apts GP LLC	DE	DS	TGA GP Holdco LLC	Ownership	55.000	TIAA Board of Governors	NO	
			33-4212519				Thomas Campbell Apts GP LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-4211941				Thomas Campbell Apts LP	DE	DS	Thomas Campbell Apts GP LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-3701483				Warrington Development Limited, LLC	PA	DS	TGA GP Holdco LLC	Ownership	85.000	TIAA Board of Governors	NO	
			87-3695550				Warrington Development Partners Limited Partnership	PA	DS	Warrington Development Limited, LLC	Ownership	99.999	TIAA Board of Governors	NO	
			87-3695790				Warrington I Developers, LLC	PA	DS	TGA GP Holdco LLC	Ownership	85.000	TIAA Board of Governors	NO	
			33-4168616				Wedgewood Village GP LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-4183212				Wedgewood Village LP	DE	DS	Wedgewood Village GP LLC	Ownership	85.000	TIAA Board of Governors	NO	
			93-4835647				WYM Master Tenant LLC	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			93-4617442				WYM Special Member Inc.	DE	DS	TGA GP Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			88-4400855				TGA GP NY Holdco LLC	DE	DS	TGA GP Holdco Parent LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-4697547				Archer Green Apartments Developers, LLC	NY	DS	TGA GP NY Holdco LLC	Ownership	75.000	TIAA Board of Governors	NO	
			82-2001335				Archer Green MI Associates, LLC	NY	DS	Archer Green Apartments Developers, LLC	Ownership	99.000	TIAA Board of Governors	NO	
			83-0748459				Archer Green Apartments Opportunity Fund, LLC	NY	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			82-5443615				Archer Green Moderate, LLC	NY	DS	TGA GP NY Holdco LLC	Ownership	75.000	TIAA Board of Governors	NO	
							Morris II Moderate, LLC	NY	DS	TGA GP NY Holdco LLC	Ownership	90.000	TIAA Board of Governors	NO	
			47-3191767				OMP Hunts Point, LLC	NY	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-1930829				OMP Longwood Residences, LLC	NY	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			80-0161319				OMP Maria Lopez, LLC	NY	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			45-5530487				OMP Morris Avenue Apartments, LLC	NY	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-5325242				OMP Morris II Apartments, LLC	NY	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-4233911				ONY Acceptance, LLC	DE	DS	TGA GP NY Holdco LLC	Ownership	32.500	TIAA Board of Governors	NO	3000
			27-0936457				ONY Betty Shabazz, LLC	NY	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			27-0937093				Betty Shabazz Developers, LLC	NY	DS	ONY Betty Shabazz, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			45-2704113				ONY DCA 1, LLC	NY	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			45-2702128				DCA 1 Developers, LLC	NY	DS	ONY DCA 1, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			27-3223641				ONY Good Neighbor, LLC	NY	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			27-3223796				Good Neighbor Developers, LLC	NY	DS	ONY Good Neighbor, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-3122905				ONY Hunts Point, LLC	NY	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-3122662				Hunts Point Developers, LLC	NY	DS	ONY Hunts Point, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-1853725				ONY Longwood Residences, LLC	NY	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	

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PART 1A - DETAILS OF INSURANCE HOLDING COMPANY SYSTEM

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			46-1840708				Longwood Residences Developers, LLC	NY	DS	ONY Longwood Residences, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			80-0161324				ONY Maria Lopez, LLC	NY	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			80-0161335				Maria Lopez Developers, LLC	NY	DS	ONY Maria Lopez, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			27-0935733				ONY Medgar Evers, LLC	NY	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			27-0935981				Medgar Evers Developers, LLC	NY	DS	ONY Medgar Evers, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			45-5541057				ONY Morris Avenue Apartments, LLC	NY	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			45-5549281				Morris Avenue Apartments Developers, LLC	NY	DS	ONY Morris Avenue Apartments, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-5325109				ONY Morris II Apartments, LLC	NY	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			27-3126017				ONY OLR ECW, LLC	NY	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			27-3126205				OLR ECW Developers, LLC	NY	DS	ONY OLR ECW, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			20-5920876				ONY Plaza, LLC	NY	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			20-5921025				Plaza Developers, LLC	NY	DS	ONY Plaza, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			45-3516982				ONY Southern Blvd I, LLC	NY	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			45-3517087				Southern Blvd I Developers, LLC	NY	DS	ONY Southern Blvd I, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-3513586				TGA AG Manager LLC	DE	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
							Archer Green Retail, LLC	NY	DS	TGA AG Manager LLC	Ownership	74.250	TIAA Board of Governors	NO	
			81-4711892				OMP Archer Green Apartments, LLC	NY	DS	TGA AG Manager LLC	Ownership	74.250	TIAA Board of Governors	NO	
			93-4391730				TGA GP NW Bronx Investor LLC	DE	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			93-3033005				TGA GP Union Investor LLC	DE	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			93-4412965				TGA LP NW Bronx Investor LLC	DE	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			93-3018714				TGA LP Union Investor LLC	DE	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
							TGA NW Bronx Preservation DF LLC	DE	DS	TGA GP NY Holdco LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-2882920	5851364			TGA GP TX HoldCo LLC	DE	DS	TGA GP Holdco Parent LLC	Ownership	100.000	TIAA Board of Governors	NO	
			99-3948574				Baytown Special Member Inc.	DE	DS	TGA GP TX HoldCo	Ownership	100.000	TIAA Board of Governors	NO	
			88-1104247				Belle Oaks Apartments Developers, LLC	TX	DS	TGA GP TX HoldCo	Ownership	100.000	TIAA Board of Governors	NO	
			93-3006227				Belle Oaks Developers LLC	DE	DS	TGA GP TX HoldCo	Ownership	100.000	TIAA Board of Governors	NO	
			88-0822913				Bradford Apartments Developers, LLC	OK	DS	TGA GP TX HoldCo	Ownership	100.000	TIAA Board of Governors	NO	
			88-0901220				Chip Townhouses Developers, LLC	OH	DS	TGA GP TX HoldCo	Ownership	100.000	TIAA Board of Governors	NO	
			88-0822771				Edenwood Apartments Developers, LLC	OK	DS	TGA GP TX HoldCo	Ownership	100.000	TIAA Board of Governors	NO	
			88-0709319				Omni Portfolio II LLC	DE	DS	TGA GP TX HoldCo	Ownership	100.000	TIAA Board of Governors	NO	
			88-0857294				Bradford Apartments, L.P.	OK	DS	Omni Portfolio II LLC	Ownership	99.999	TIAA Board of Governors	NO	
			88-0901067				Chip Townhouses, L.P.	OH	DS	Omni Portfolio II LLC	Ownership	99.999	TIAA Board of Governors	NO	
			88-0857235				Edenwood Apartments, L.P.	OK	DS	Omni Portfolio II LLC	Ownership	99.999	TIAA Board of Governors	NO	
			88-0937437				Skyline Terrace Apartments, L.P.	OH	DS	Omni Portfolio II LLC	Ownership	99.999	TIAA Board of Governors	NO	
			88-0938872				Skyline Terrace Apartments Developers, LLC	OH	DS	TGA GP TX HoldCo	Ownership	100.000	TIAA Board of Governors	NO	
			93-2848346				TGA DF Baytown LLC	DE	DS	TGA GP TX HoldCo	Ownership	100.000	TIAA Board of Governors	NO	
			93-3017590				TGA DF Belle Oaks Apts LLC	DE	DS	TGA GP TX HoldCo	Ownership	100.000	TIAA Board of Governors	NO	
			93-2789390				TGA DF Bradford Apts LLC	DE	DS	TGA GP TX HoldCo	Ownership	100.000	TIAA Board of Governors	NO	
			93-3017887				TGA DF Chip Townhouses LLC	DE	DS	TGA GP TX HoldCo	Ownership	100.000	TIAA Board of Governors	NO	
			93-2803479				TGA DF Edenwood Apts LLC	DE	DS	TGA GP TX HoldCo	Ownership	100.000	TIAA Board of Governors	NO	
			93-3018196				TGA DF Skyline Terrace Apartments LLC	DE	DS	TGA GP TX HoldCo	Ownership	100.000	TIAA Board of Governors	NO	
			93-4856387				TGA DF Union Park Apts LLC	DE	DS	TGA GP TX HoldCo	Ownership	100.000	TIAA Board of Governors	NO	
			93-4856783				TGA DF Union Pines Apts LLC	DE	DS	TGA GP TX HoldCo	Ownership	100.000	TIAA Board of Governors	NO	
			88-1394148				Union Park Apartments, L.P.	TX	DS	TGA GP TX HoldCo	Ownership	100.000	TIAA Board of Governors	NO	
			88-1104379				Union Park Apartments Developers, LLC	TX	DS	TGA GP TX HoldCo	Ownership	100.000	TIAA Board of Governors	NO	
			88-1394380				Union Pines Apartments, L.P.	TX	DS	TGA GP TX HoldCo	Ownership	100.000	TIAA Board of Governors	NO	
			88-1104447				Union Pines Apartments Developers, LLC	TX	DS	TGA GP TX HoldCo	Ownership	100.000	TIAA Board of Governors	NO	
			88-2613798				Village at Baytown Developers, LLC	TX	DS	TGA GP TX HoldCo	Ownership	100.000	TIAA Board of Governors	NO	

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			93-2848078				Village Lane Developers LLC	DE	DS	TGA GP TX HoldCo	Ownership	100.000	TIAA Board of Governors	NO	
			92-3556080				TGA GP Holdco Parent II LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			92-3528613				TGA GP Holdco II LLC	DE	DS	TGA GP Holdco Parent II LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2765297	5483028			TGA MH Investor Member LLC	DE	DS	TGA GP Holdco II LLC	Ownership	100.000	TIAA Board of Governors	NO	
			86-2908291	5653979			TGA MH III Investor Member LLC	DE	DS	TGA GP Holdco II LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-3740749	5482928			TGA Greenstone Logistics Center LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3463522	3997186			TGA Hagerstown DC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3475313	5515264			TGA Hollins End LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3523721	5515312			TGA I-95 DC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3718861	5444908			TGA JL Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-4376472	5613320			TGA JL II Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			87-1280436	5619096			TGA JL III CT Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			85-1292481	5656783			TGA JL MCF Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			87-4248374	5690451			TGA JL MCF II Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			85-4075985	5592676			TGA Lakes at Indian Creek Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3523582	5586349			TGA Landover DC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
							TGA Lending III LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			81-2914954	5106457			CPF/UIR JV Member LLC	DE	DS	TGA Lending III LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-2928112	5110034			CPF/UIR Joint Venture LLC	DE	DS	CPF/UIR JV Member LLC	Ownership	51.000	TIAA Board of Governors	NO	
			81-2982618	5110511			CPF 856 Market Street LLC	DE	DS	CPF/UIR Joint Venture LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-2973332	5110502			CPF 1511 Third Avenue LLC	DE	DS	CPF/UIR Joint Venture LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-3357982	4785930			T-C 1608 Chestnut General Partner LLC	DE	DS	CPF/UIR Joint Venture LLC	Ownership	100.000	TIAA Board of Governors	NO	
			23-3049052	4843371			1608 Chestnut Partners, LP	DE	DS	T-C 1608 Chestnut General Partner LLC	Ownership	1.000	TIAA Board of Governors	NO	3100
			47-3337561	4785958			T-C 1608 Chestnut Limited Partner LLC	DE	DS	CPF/UIR Joint Venture LLC	Ownership	100.000	TIAA Board of Governors	NO	
			23-3049052	4843371			1608 Chestnut Partners, LP	DE	DS	T-C 1608 Chestnut Limited Partner LLC	Ownership	99.000	TIAA Board of Governors	NO	3100
			87-3398451	5687947			TGA Los Tres Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-4773958	5592902			TGA Maryland Farms Holdings LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-4775239	5538834			U.S. Cities Office Fund Maryland Farms Co-Invest	DE	DS	TGA Maryland Farms Holdings LLC	Ownership	49.000	TIAA Board of Governors	NO	3200
			88-1762996	5729164			TGA Minority Interest Holdings LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			11-3034756	4600789			ND Properties LLC	DE	DS	TGA Minority Interest Holdings LLC	Ownership	1.000	TIAA Board of Governors	NO	1500
			47-2369576	4794473			T-C Europe, LP	DE	DS	TGA Minority Interest Holdings LLC	Ownership	1.000	TIAA Board of Governors	NO	2200
			81-3299073	5018635			T-C UK RE Holdings III, LLC	DE	DS	TGA Minority Interest Holdings LLC	Ownership	1.000	TIAA Board of Governors	NO	2400
			83-2810033	5353774			TGA European RE Holdings I LLC	DE	DS	TGA Minority Interest Holdings LLC	Ownership	1.000	TIAA Board of Governors	NO	2700
			33-2882302				TGA European RE Holdings III LLC	DE	DS	TGA Minority Interest Holdings LLC	Ownership	1.000	TIAA Board of Governors	NO	2900

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			82-1169084	5354799			TGA MKP Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			82-1198745	5510214			TGA MKP Venture LLC	DE	DS	TGA MKP Member LLC	Ownership	60.000	TIAA Board of Governors	NO	
			82-1187131	5529038			TGA MKP REIT LLC	DE	DS	TGA MKP Venture LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-3883343	5690479			TGA MOB Prescott Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			87-3883887	5690518			TGANX MOB Prescott Venture LLC	DE	DS	TGA MOB Prescott Member LLC	Ownership	90.000	TIAA Board of Governors	NO	
			87-3883657	5690527			TGANX MOB Prescott LLC	DE	DS	TGANX MOB Prescott Venture LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-3566018	5615847			TGA MOB South Boerne LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			81-4232788	5075722			TGA Montague Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
				5093780			RCD TGA Pierrepont Partners LLC	DE	DS	TGA Montague Investor Member LLC	Ownership	51.600	TIAA Board of Governors	NO	
			81-3542251	5040542			TGA Montrose Residences Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			81-2872565	5047635			The Residences at La Colombe d'Or Investors LLC	DE	DS	TGA Montrose Residences Investor Member LLC	Ownership	90.000	TIAA Board of Governors	NO	
			93-4448906				TGA Mountain View Industrial LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			83-1916152	5353877			TGA MS Self Storage Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			85-1291326	5652785			TGA Nex Investor LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			83-4139835	5482889			TGA NJAHP Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-4574378	5613263			TGA NJAHP II Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3740851	5482898			TGA North Miller Industrial LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3759605	5482852			TGA North Orange Industrial LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			85-2859128	5585753			TGA NYCAHP I Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-4774106	5586965			TGA O'Hare Logistics Center IV LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			88-4069421	5785311			TGA Oak Grove Plaza LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			85-3510351	5595369			TGA Octave Apartments LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			87-3969114	5689642			TGA One Norman Square LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			85-4396119	5596795			TGA Pacific Landing LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			87-1595214	5619087			TGA Pacific Landing Phase II LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			99-4225688				TGA Pacific West BC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3254652	5482982			TGA Park 355 LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3254103	5482991			TGA Park 55 LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	

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			84-3254979	5482955			TGA Park 88 LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			87-3029971	5687956			TGA PC Charleston Club Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			85-3076626	5586004			TGA PC MCF Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			87-2112453	5655665			TGA PC Richmond Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			93-4725411				TGA Peaceable Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
				5813045			TGA Peaceable Investor Member II LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	85.000	TIAA Board of Governors	NO	
			88-3094495	5758874			TGA Peaceable Investor Member 2022 LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			93-1981655				TGA Peaceable Investor Member 2023 LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			99-0688335				TGA Peaceable Investor Member 2024 LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			33-3421349				TGA Peaceable Investor Member 2025 LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3285659	5482973			TGA Prairie Point LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3830675	5514070			TGA Renton Park 405 LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			87-3533472	5687910			TGA River Club Apartments LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			87-3533710	5690488			TGA River Club Townhomes LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			92-2699982	5837256			TGA Roswell Wieuca LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3487605	5586451			TGA Somerset IC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3476142	5515255			TGA Somerset IC II LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			85-2863856	5592694			TGA Sparrow Investor LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			85-2574637	5616031			Sparrow Realty Investment I, LLC	DE	DS	TGA Sparrow Investor LLC	Ownership	95.000	TIAA Board of Governors	NO	
							Sparrow Realty Investment WHF, LLC	DE	DS	Sparrow Realty Investment I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-2858166				SN Arizona, LLC	DE	DS	Sparrow Realty Investment WHF, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-3007856				SN DFW, LLC	DE	DS	Sparrow Realty Investment WHF, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			86-3543041				SN Georgia, LLC	DE	DS	Sparrow Realty Investment WHF, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			86-3680179				SN NC, LLC	DE	DS	Sparrow Realty Investment WHF, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			86-1703020	5652721			SN SA, LLC	DE	DS	Sparrow Realty Investment WHF, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-2995746				SN Tampa, LLC	DE	DS	Sparrow Realty Investment WHF, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			86-3574319				SN Tennessee, LLC	DE	DS	Sparrow Realty Investment WHF, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-3330672	5656840			Sparrow Homes US LLC	DE	DS	Sparrow Realty Investment WHF, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-4748024	5704796			TGA Sparrow II Investor LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			87-4655650				Sparrow Realty Investment II, LLC	DE	DS	TGA Sparrow II Investor LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-4681002				Sparrow Realty Investment WHF II, LLC	DE	DS	Sparrow Realty Investment II, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-4703449				SN Arizona II, LLC	DE	DS	Sparrow Realty Investment WHF II, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-4703666				SN Florida II, LLC	DE	DS	Sparrow Realty Investment WHF II, LLC	Ownership	100.000	TIAA Board of Governors	NO	

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			87-4703805				SN Georgia II, LLC	DE	DS	Sparrow Realty Investment WHF II, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-4737208				SN North Carolina II, LLC	DE	DS	Sparrow Realty Investment WHF II, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-4737343				SN Tennessee II, LLC	DE	DS	Sparrow Realty Investment WHF II, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-4737079				SN Texas II, LLC	DE	DS	Sparrow Realty Investment WHF II, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			83-2063402	5353804			TGA SP-MPC Housing Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			83-2147240	5354904			TGA-SP Housing Venture I LLC	DE	DS	TGA SP-MPC Housing Investor Member LLC	Ownership	87.500	TIAA Board of Governors	NO	
			83-2123785	5371611			TGA SP-MPC Housing Venture I LLC	DE	DS	TGA-SP Housing Venture I LLC	Ownership	97.000	TIAA Board of Governors	NO	
			86-2018776				MPSP Alta Vista Homes LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			86-3755856				MPSP Alta Vista Lender LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			86-3756097				MPSP Ashwood Lender LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2331138	5492963			MPSP Beltline Homes LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2345909	5492833			MPSP Beltline Lender LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-1350166				MPSP Center Grove Homes II LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			83-1088601				MPSP Center Grove Homes LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			83-2290040				MPSP Center Grove Lender LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2158715	5492824			MPSP Colinas South Homes LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2158791	5492851			MPSP Colinas South Lender LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2169973	5492712			MPSP Estancia Homes LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2277681	5492682			MPSP Estancia Lender LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			83-4283444	5493175			MPSP Fairlane Oaks Lender LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-3115091				MPSP Glendale Homes LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
							MPSP Glendale Lender LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2290488	5492954			MPSP Lakeview Homes LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2319726	5492972			MPSP Lakeview Lender LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			83-1213262	5593226			MPSP Lemon Tree Homes LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-1185416				MPSP Lemon Tree Lender LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			83-2548459	5593217			MPSP Lemon Tree MHC LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			83-1230821	5593244			MPSP Mobile Gardens Homes LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-1185606				MPSP Mobile Gardens Lender LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			83-1230714	5593262			MPSP Mobile Gardens MHC LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2379528	5492646			MPSP Parker Homes LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2389423	5493269			MPSP Parker Lender LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2277774	5493223			MPSP Seven Oaks Homes LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2290439	5493241			MPSP Seven Oaks Lender LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			83-2700633	5593253			MPSP Shiloh Homes LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			83-2725391	5593235			MPSP Shiloh Lender LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-1446543				MPSP South Concho Homes II LLC	DE	DS	TGA SP-MPC Housing Venture I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2436652	5493184			MPSP South Concho Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Governors	NO	
			83-2736936	5595538			MPSP Stonegate Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2319873	5493296			MPSP TC GH Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2331064	5493317			MPSP TC GH Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2389479	5493287			MPSP TC Sherman Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Governors	NO	

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			84-2428588	5493027			MPSP TC Sherman Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2345969	5492655			MPSP Wildwood Acres Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2361787	5492664			MPSP Wildwood Acres Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2361842	5492619			MPSP Wildwood Village Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-2379481	5492589			MPSP Wildwood Village Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Governors	NO	
			83-2848324				MPSP Windsong Homes LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Governors	NO	
			83-2848439				MPSP Windsong Lender LLC	DE	DS	Morningstar NRE Self Storage Portfolio LLC	Ownership	100.000	TIAA Board of Governors	NO	
			86-1741788	5606005			TGA SS Self Storage Portfolio Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			87-2470916	5652730			TGA SS Self Storage Tranche I Venture LP	DE	DS	TGA SS Self Storage Portfolio Investor Member LLC	Ownership	96.000	TIAA Board of Governors	NO	
			84-3071380				LPP Hilliard LP	DE	DS	TGA SS Self Storage Tranche I Venture LP	Ownership	100.000	TIAA Board of Governors	NO	
			87-4751299				Newmarket HCG, L.P.	DE	DS	TGA SS Self Storage Tranche I Venture LP	Ownership	100.000	TIAA Board of Governors	NO	
			83-1608525	5760596			Seminole Storage Units I LP	DE	DS	TGA SS Self Storage Tranche I Venture LP	Ownership	100.000	TIAA Board of Governors	NO	
				5742480			TGA T1 SC Durbin Park LP	DE	DS	TGA SS Self Storage Tranche I Venture LP	Ownership	100.000	TIAA Board of Governors	NO	
				5742462			TGA T1 SC Millenia LP	DE	DS	TGA SS Self Storage Tranche I Venture LP	Ownership	100.000	TIAA Board of Governors	NO	
				5742471			TGA T1 SC San Marco LP	DE	DS	TGA SS Self Storage Tranche I Venture LP	Ownership	100.000	TIAA Board of Governors	NO	
			86-1714431	5606032			TGA SS Self Storage Portfolio Venture LP	DE	DS	TGA SS Self Storage Portfolio Investor Member LLC	Ownership	96.000	TIAA Board of Governors	NO	
			86-1623164	5608166			TGA SC Bonita Springs LP	DE	DS	TGA SS Self Storage Portfolio Venture LP	Ownership	100.000	TIAA Board of Governors	NO	
			86-1624012	5608157			TGA SC Columbus Ford LP	DE	DS	TGA SS Self Storage Portfolio Venture LP	Ownership	100.000	TIAA Board of Governors	NO	
			86-1623724	5608175			TGA SC Columbus Veterans LP	DE	DS	TGA SS Self Storage Portfolio Venture LP	Ownership	100.000	TIAA Board of Governors	NO	
			86-1639097	5608205			TGA SC Erie Avenue LP	DE	DS	TGA SS Self Storage Portfolio Venture LP	Ownership	100.000	TIAA Board of Governors	NO	
			86-1623454	5608193			TGA SC Gainesville LP	DE	DS	TGA SS Self Storage Portfolio Venture LP	Ownership	100.000	TIAA Board of Governors	NO	
			86-1639333	5608184			TGA SC Germantown LP	DE	DS	TGA SS Self Storage Portfolio Venture LP	Ownership	100.000	TIAA Board of Governors	NO	
			86-1676901	5608287			TGA SC Glenn Heights LP	DE	DS	TGA SS Self Storage Portfolio Venture LP	Ownership	100.000	TIAA Board of Governors	NO	
			86-1638763	5608278			TGA SC Global Indy I LP	DE	DS	TGA SS Self Storage Portfolio Venture LP	Ownership	100.000	TIAA Board of Governors	NO	
			86-1677082	5608250			TGA SC Houston LP	DE	DS	TGA SS Self Storage Portfolio Venture LP	Ownership	100.000	TIAA Board of Governors	NO	
			86-1638905	5608241			TGA SC Indianapolis 29th Street LP	DE	DS	TGA SS Self Storage Portfolio Venture LP	Ownership	100.000	TIAA Board of Governors	NO	
			86-1639231	5608232			TGA SC Kensington LP	DE	DS	TGA SS Self Storage Portfolio Venture LP	Ownership	100.000	TIAA Board of Governors	NO	
			86-1676331	5608223			TGA SC Lancaster LP	DE	DS	TGA SS Self Storage Portfolio Venture LP	Ownership	100.000	TIAA Board of Governors	NO	
			84-3255382	5482665			TGA Sterling DC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
							TGA Strategic Retail SMA LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			85-3509669	5601402			TGA The Apartments at Blakeney LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			88-1150650	5721430			TGA TMO IN Portfolio Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3759437	5482601			TGA Tri-State Commerce Center LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			85-3917654	5592685			TGA Twelve100 Apartments LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	

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			99-3097880				TGA TX Infill Blankenship LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			99-3054493				TGA TX Infill GSW LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			87-3992892	5692213			TGA UMH Properties Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			92-0251112	5789195			TGA UMH Venture Tranche I LLC	DE	DS	TGA UMH Properties Investor Member LLC	Ownership	60.000	TIAA Board of Governors	NO	
			92-1268769				Rum Runner MHC TGA, LLC	DE	DS	TGA UMH Venture Tranche I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-3883818				Sebring Square MHC TGA, LLC	DE	DS	TGA UMH Venture Tranche I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			93-2432687				TGA UMH Venture Tranche 1 Rentals, LLC	DE	DS	TGA UMH Venture Tranche I LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-4552535	5704198			TGA University Trails Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			87-4257683	5704415			TGAP University Trails LLC	DE	DS	TGA University Trails Investor Member LLC	Ownership	97.000	TIAA Board of Governors	NO	
			87-4257544	5704424			TGAP University Trails Owner LLC	DE	DS	TGAP University Trails LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-3830895	5514098			TGA Van Dorens West LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			99-4597420				TGA Verve Orlando Investor Member LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			99-4454725				TGA SMI Verve Orlando Venture LLC	DE	DS	TGA Verve Orlando Investor Member LLC	Ownership	90.000	TIAA Board of Governors	NO	
			99-4464495				TGA SMI Verve Orlando Owner LLC	DE	DS	TGA SMI Verve Orlando Venture LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-3441798	5514100			TGA Vista Point South LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-3527380	5515273			TGA Washington DC CC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			84-2939589	5482571			TGA Westport Distribution Center LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			83-0723201	5375114			TGA Yorktown Apartments LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			92-1383692	5810718			TGANX MOB Wheat Ridge LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			87-3750360	5690460			TGA-MJC MHC LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			82-2826183	5692679			TIAA Administrative Services LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
				4900500			TIAA CLO I Ltd	CYM	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Governors	NO	
				5049965			TIAA CLO I LLC	DE	DS	TIAA CLO I Ltd	Ownership	100.000	TIAA Board of Governors	NO	
			84-1905731				TIAA CLO I Holding, LLC	DE	DS	TIAA CLO I Ltd	Ownership	100.000	TIAA Board of Governors	NO	
				5652749			TIAA CLO II Ltd	CYM	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Governors	NO	
				5652842			TIAA CLO II LLC	DE	DS	TIAA CLO II Ltd	Ownership	100.000	TIAA Board of Governors	NO	
							TIAA CLO II Holding, LLC	DE	DS	TIAA CLO II Ltd	Ownership	100.000	TIAA Board of Governors	NO	
				5157860			TIAA CLO III Ltd.	CYM	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Governors	NO	
				5354780			TIAA CLO III LLC	DE	DS	TIAA CLO III Ltd.	Ownership	100.000	TIAA Board of Governors	NO	
				5371910			TIAA CLO IV Ltd.	CYM	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Governors	NO	
			13-4173396	4599203			TIAA CMBS I, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			13-4173396	4602774			TIAA CMBS I Trust	DE	DS	TIAA CMBS I, LLC	Ownership	100.000	TIAA Board of Governors	NO	
							TIAA GCREIT Holdings LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	

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			82-1419222	5194360			Nuveen Global Cities REIT, Inc.	MD	DS	TIAA GCREIT Holdings LLC	Management		TIAA Board of Governors	NO	
			27-5551198	4599267			TIAA Global Ag Holdco LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			45-5044364	4627124			Global Agriculture AIV (US) LLC	DE	DS	TIAA Global Ag Holdco LLC	Ownership	99.210	TIAA Board of Governors	NO	
			45-1531685	4643580			Global Ag Properties USA LLC	DE	DS	Global Agriculture AIV (US) LLC	Management		TIAA Board of Governors	NO	
			80-0843991	4644877			Loma del Rio Vineyards LLC	DE	DS	Global Ag Properties USA LLC	Ownership	55.000	TIAA Board of Governors	NO	1300
			46-2577906	4643973			Sugarloaf Vineyard, LLC	DE	DS	Global Ag Properties USA LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-1083514	4753582			Global Agriculture II AIV (US) LLC	DE	DS	TIAA Global Ag Holdco LLC	Management		TIAA Board of Governors	NO	
			47-1069783	4755438			Global Ag Properties II USA LLC	DE	DS	Global Agriculture II AIV (US) LLC	Ownership	50.000	TIAA Board of Governors	NO	
			27-5551341	4639994			TIAA-CREF Global Agriculture LLC	DE	DS	TIAA Global Ag Holdco LLC	Management		TIAA Board of Governors	NO	
				4643357			Global AG Properties Australia Pty, Ltd	AUS	DS	TIAA-CREF Global Agriculture LLC	Ownership	100.000	TIAA Board of Governors	NO	
				4643571			Global AG Properties Australia Trust	AUS	DS	TIAA-CREF Global Agriculture LLC	Ownership	100.000	TIAA Board of Governors	NO	
				4643094			Nova Gaia Brasil Participações Ltda.	BRA	DS	TIAA-CREF Global Agriculture LLC	Ownership	99.990	TIAA Board of Governors	NO	3300
				4644493			Tellus Brasil Participações S.A	BRA	DS	Nova Gaia Brasil Participações Ltda.	Ownership	72.600	TIAA Board of Governors	NO	3400
				4644484			Terraviva Brasil Participações Ltda.	BRA	DS	Nova Gaia Brasil Participações Ltda.	Ownership	99.990	TIAA Board of Governors	NO	3500
				4644493			Tellus Brasil Participações S.A	BRA	DS	Terraviva Brasil Participações Ltda.	Ownership	4.900	TIAA Board of Governors	NO	3400
				4863490			Agrobio Investimentos e Participações S/A	BRA	DS	Tellus Brasil Participações S.A	Ownership	100.000	TIAA Board of Governors	NO	
				4646321			Cerpon Participações S.A	BRA	DS	Tellus Brasil Participações S.A	Ownership	100.000	TIAA Board of Governors	NO	
				4725758			Nova Ibiajara Propriedades Agrícolas S.A.	BRA	DS	Tellus Brasil Participações S.A	Ownership	100.000	TIAA Board of Governors	NO	
				4653954			Tellus Bahia Propriedades Agricolas Ltda.	BRA	DS	Tellus Brasil Participações S.A	Ownership	100.000	TIAA Board of Governors	NO	
				4644505			Terra do Sol Propriedades Agrícolas S.A	BRA	DS	Tellus Brasil Participações S.A	Ownership	100.000	TIAA Board of Governors	NO	
				4644514			Terrainvest Propriedades Agrícolas S.A	BRA	DS	Tellus Brasil Participações S.A	Ownership	100.000	TIAA Board of Governors	NO	
				4646282			Tparone Participações S.A	BRA	DS	Tellus Brasil Participações S.A	Ownership	100.000	TIAA Board of Governors	NO	
				4646303			Toperone Agrícola S.A	BRA	DS	Tparone Participações S.A	Ownership	100.000	TIAA Board of Governors	NO	
				4646291			Tpartwo Participações S.A	BRA	DS	Tellus Brasil Participações S.A.	Ownership	100.000	TIAA Board of Governors	NO	
				4646312			Topertwo Agrícola S.A	BRA	DS	Tpartwo Participações S.A	Ownership	100.000	TIAA Board of Governors	NO	
			45-1502187	4640011			TIAA-CREF Global Agriculture BR, LLC	DE	DS	TIAA-CREF Global Agriculture LLC	Ownership	100.000	TIAA Board of Governors	NO	
				4643094			Nova Gaia Brasil Participações Ltda.	BRA	DS	TIAA-CREF Global Agriculture BR, LLC	Ownership	0.010	TIAA Board of Governors	NO	3300
				4644484			Terraviva Brasil Participações Ltda.	BRA	DS	TIAA-CREF Global Agriculture BR, LLC	Ownership	0.010	TIAA Board of Governors	NO	3500
			47-0974399	4753591	1616610		TIAA-CREF Global Agriculture II LLC	DE	DS	TIAA Global Ag Holdco LLC	Management		TIAA Board of Governors	NO	
			47-1062423	4755447			TIAA-CREF Global Agriculture II BR, LLC	DE	DS	TIAA-CREF Global Agriculture II LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-1241294	4979391			TIAA Global Capabilities Holding LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
				5003789			TIAA Global Capabilities Singapore Holding Company Pte. Ltd.	SGP	DS	TIAA GBS Holding LLC	Ownership	100.000	TIAA Board of Governors	NO	
				5006838			TIAA Global Capabilities Private Limited	IND	DS	TIAA GBS Singapore Holding Company Pte. Ltd.	Ownership	100.000	TIAA Board of Governors	NO	
			26-3594208	4863502			TIAA Global Public Investments, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			98-1797737				TGPI GCIB (Cayman) LLC	CYM	DS	TIAA Global Public Investments, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-3881813	4599892			TIAA GTR HoldCo LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			46-3210500	4724023			Global Timber Resources LLC	DE	DS	TIAA GTR HoldCo LLC	Ownership	50.000	TIAA Board of Governors	NO	
			46-3909387	4868431			Global Timber SA LLC	DE	DS	Global Timber Resources LLC	Ownership	100.000	TIAA Board of Governors	NO	
				4868440			Forestal GTR Chile Limitada	CHL	DS	Global Timber SA LLC	Ownership	99.900	TIAA Board of Governors	NO	
			46-3899490	4801906			Global Timber International, LLC	DE	DS	Global Timber Resources LLC	Ownership	100.000	TIAA Board of Governors	NO	
				4802789			Global Timber Spain S.L.	ESP	DS	Global Timber International, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			98-1206384	4803151			Forestal Monterrey Colombia SAS	COL	DS	Global Timber Spain S.L.	Ownership	100.000	TIAA Board of Governors	NO	
				5165454			Global Timber Resources Colombia SAS	COL	DS	Global Timber Spain S.L.	Ownership	100.000	TIAA Board of Governors	NO	

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				4866905			GT Europe Cooperatief U.A.	NLD	DS	Global Timber International LLC	Ownership	100.000	TIAA Board of Governors	NO	
			45-3479281	4599306			TIAA Infrastructure Investments, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			81-5307354	5153983			730 Parking, LLC	DE	DS	TIAA Infrastructure Investments, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-5302296	5157879			730 Interpark, LLC	DE	DS	730 Parking LLC	Ownership	100.000	TIAA Board of Governors	NO	
				4936107			A-30 Canadian Transport Inc.	CAN	DS	TIAA Infrastructure Investments, LLC	Ownership	100.000	TIAA Board of Governors	NO	
				4887571			1867 Infrastructure Holdings Inc.	CAN	DS	A-30 Canadian Transport Inc.	Ownership	51.000	TIAA Board of Governors	NO	
				4946843			Holding 1867 NA30 Inc.	CAN	DS	1867 Infrastructure Holdings Inc.	Ownership	100.000	TIAA Board of Governors	NO	
				4947327			1867 Nouvelle Autoroute 30 Inc.	CAN	DS	Holding 1867 NA30 Inc.	Ownership	100.000	TIAA Board of Governors	NO	
			38-3857916	4602813			I 595 Toll Road, LLC	DE	DS	TIAA Infrastructure Investments, LLC	Ownership	100.000	TIAA Board of Governors	NO	
				4810597			North American Sustainable Energy GP, LLC	DE	DS	TIAA Infrastructure Investments, LLC	Ownership	99.900	TIAA Board of Governors	NO	
				4810551			North American Sustainable Energy Manager, LLC	DE	DS	TIAA Infrastructure Investments, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			99-2861745				TIAA LatAm Timberlands, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			88-4376843	5810295			TIAA NBS, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			39-3668904				TIAA Credit Co., LLC	DE	DS	TIAA NBS, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			39-3668090				Appalachia Restoration, LLC	DE	DS	TIAA Credit Co., LLC	Ownership	100.000	TIAA Board of Governors	NO	
			45-2665869	4601115			TIAA Oil and Gas Investments, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			46-3628993	4602934			Actoil Utica, LLC	DE	DS	TIAA Oil and Gas Investments, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			11-3519531	4601133			TIAA Realty, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			81-0902394	4949125			T-C 77 Central LLC	DE	DS	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			47-2249307	4763161			T-C 680 Belleville LLC	DE	DS	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-2678242	4611721			T-C Port Northwest Development LLC	DE	DS	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			81-3961919	5047626			TGA 70 Federal Street LLC	DE	DS	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-4376282	5586385			TGA Central Square Investor Member LLC	DE	DS	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-4880676	5586394			TGACSE Central Square Holdings LLC	DE	DS	TGA Central Square Investor Member LLC	Ownership	95.000	TIAA Board of Governors	NO	
			84-4893448	5586433			TGACSE Central Square LLC	DE	DS	TGACSE Central Square Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-4893383	5586406			TGACSE Morningside LLC	DE	DS	TGACSE Central Square Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-4924033	5586424			TGACSE Triangle LLC	DE	DS	TGACSE Central Square Holdings LLC	Ownership	100.000	TIAA Board of Governors	NO	
			99-3806636				TGA Doral Marketplace Investor Member LLC	DE	DS	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			99-3230291				TGA SJC Doral Marketplace Venture LLC	DE	DS	TGA Doral Marketplace Investor Member LLC	Ownership	97.000	TIAA Board of Governors	NO	
							TGA SJC Doral Marketplace Pledgor LLC	DE	DS	TGA SJC Doral Marketplace Venture LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-0315327				TGA SJC Doral Marketplace Owner LLC	DE	DS	TGA SJC Doral Marketplace Pledgor LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-1762569	5620476			TGA Eastridge Investor Member LLC	DE	DS	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Governors	NO	
							TGA King EastRidge Venture LLC	DE	DS	TGA Eastridge Investor Member LLC	Ownership	95.000	TIAA Board of Governors	NO	
			85-2656497				TGA King EastRidge Owner LLC	DE	DS	TGA King EastRidge Venture LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-2062305				TGA Falls Church Investor Member LLC	DE	DS	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			93-4524760				TGA Fort Collins Member LLC	DE	DS	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			99-1648043				TGA Montgomery Promenade Investor Member LLC	DE	DS	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-4917218				TGA Roland Park Investor Member LLC	DE	DS	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			93-2519414				TGA Specialty Shops Investor Member LLC	DE	DS	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			92-2619099				TGA HP Specialty Shops Venture LLC	DE	DS	TGA Specialty Shops Investor Member LLC	Ownership	98.000	TIAA Board of Governors	NO	
			92-2659927				TGA HP Specialty Shops Owner LLC	DE	DS	TGA HP Specialty Shops Venture LLC	Ownership	100.000	TIAA Board of Governors	NO	

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			87-1763260	5620485			TGA TCA Durham Logistics Center Investor Member LLC	DE	DS	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Governors	NO	
							TGA TCA Durham Logistics Center LLC	DE	DS	TGA TCA Durham Logistics Center Investor Member LLC	Ownership	90.000	TIAA Board of Governors	NO	
			84-3093962	5497614			TGA The Warehouse At CH Investor Member LLC	DE	DS	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			84-3055701	5582239			TGAP The Warehouse At CH LLC	DE	DS	TGA The Warehouse At CH Investor Member LLC	Ownership	98.500	TIAA Board of Governors	NO	
			84-3055465	5586273			TGAP The Warehouse At CH Owner LLC	DE	DS	TGAP The Warehouse At CH LLC	Ownership	100.000	TIAA Board of Governors	NO	
			86-1749539	5609891			TGA The Warehouse At Ch II Investor Member LLC	DE	DS	TIAA Realty, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			86-1548653	5727544			TGAP The Warehouse at CH II LLC	DE	DS	TGA The Warehouse At Ch II Investor Member LLC	Ownership	100.000	TIAA Board of Governors	NO	
			86-1548790	5727571			TGAP The Warehouse at CH II Owner LLC	DE	DS	TGAP The Warehouse at CH II LLC	Ownership	100.000	TIAA Board of Governors	NO	
			82-2885306	5688542			TIAA RFS, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			20-2904312	4314479			TIAA-CREF Insurance Agency, LLC	DE	DS	TIAA RFS, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			85-3343718	5601390			TIAA Shared Services LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			81-2755014	5011346			TIAA SMA Strategies LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			45-3029655	4601197			TIAA-Stonepeak Investments I, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			45-3030923	4601245			TIAA-Stonepeak Investments II, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			45-3164600	4601348			TIAA Super Regional Mall Member Sub LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			45-3164764	4644055			T-C Super Regional Mall Venture LLC	DE	DS	TIAA Super Regional Mall Member Sub LLC	Ownership	51.000	TIAA Board of Governors	NO	
			46-4623585	4801821	1614181		T-C International Plaza REIT LLC	DE	DS	T-C Super Regional Mall Venture LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-4653326	4801830			T-C International Plaza Investor GP LLC	DE	DS	T-C International Plaza REIT LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-4680948	4801849			T-C International Plaza Investor LP LLC	DE	DS	T-C International Plaza REIT LLC	Ownership	100.000	TIAA Board of Governors	NO	
			38-3173536	2884259			Tampa Westshore Associates Limited Partnership	DE	DS	T-C International Plaza Investor LP LLC	Influence		TIAA Board of Governors	NO	
			46-2713521	4604116	1595474		T-C Las Vegas Retail REIT LLC	DE	DS	T-C Super Regional Mall Venture LLC	Ownership	100.000	TIAA Board of Governors	NO	
			46-2726147	4612979			T-C Las Vegas Retail Investor LLC	DE	DS	T-C Las Vegas Retail REIT LLC	Ownership	100.000	TIAA Board of Governors	NO	
				4615617			Grand Canal Shoppes Holdings, LLC	DE	DS	T-C Las Vegas Retail Investor LLC	Influence		TIAA Board of Governors	NO	
			45-1286386	4601526			TIAA SynGas, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			13-1624203	4741758			730 Catsolar, LLC	DE	DS	TIAA SynGas, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			93-1503568				TIAA Trust, National Association	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			88-3094952				TIAA Ventures LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			82-2335773				TIAA Wealth Investment Management LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			33-3039496				TIAA Wealth Management LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			45-4486211	4602886			TIAA Wind Investments LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			45-3743502	4626136			Capistrano Wind Partners, LLC	DE	DS	TIAA Wind Investments LLC	Influence		TIAA Board of Governors	NO	
			55-0856733	4314349	882928		TIAA-CREF Individual & Institutional Services, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	

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			20-8384004	4599490			TIAA-CREF LPHC, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			46-1191235	5018671	1611288		Nuveen Real Property Fund GP LLC	DE	DS	TIAA-CREF LPHC, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			20-5591124	4314273			TIAA-CREF Redwood, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			20-5631854	4314282			TIAA Kaspick, LLC	DE	DS	TIAA-CREF Redwood, LLC	Ownership	100.000	TIAA Board of Governors	NO	
			13-4026557	4314116	1627236		TIAA-CREF Tuition Financing, Inc.	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
				4844163			UK PPP Investments LP	GBR	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
				4848983			Wigg Investments Limited	GBR	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
				4849739			Merseylink (Holdings) Limited	GBR	DS	Wigg Investments Limited	Influence		TIAA Board of Governors	NO	
				4852298			Merseylink (Finance) Limited	GBR	DS	Merseylink (Holdings) Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4860239			Merseylink Limited	GBR	DS	Merseylink (Finance) Limited	Ownership	100.000	TIAA Board of Governors	NO	
				4858638			Merseylink (Issuer) plc	GBR	DS	Merseylink (Finance) Limited	Ownership	100.000	TIAA Board of Governors	NO	
			87-1101091	5616040			Union Property Operations NRE III LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			36-4932527	5514614			U.S. Cities Industrial Fund LP	DE	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Governors	NO	
			30-1108455	5115507			U.S. Cities Multifamily Fund LP	DE	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Governors	NO	
			82-3970010	5671991			U.S. Cities Retail Fund LP	DE	DS	Teachers Insurance and Annuity Association of America	Management	46.320	TIAA Board of Governors	NO	
			82-4016503	5671982			U.S. Cities Retail Fund REIT LLC	DE	DS	U.S. Cities Retail Fund LP	Ownership	100.000	TIAA Board of Governors	NO	
			82-4069923	5671973			U.S. Cities Retail Fund Operating GP LLC	DE	DS	U.S. Cities Retail Fund REIT LLC	Ownership	100.000	TIAA Board of Governors	NO	
			82-4037905	5671058			U.S. Cities Retail Fund Operating LP	DE	DS	U.S. Cities Retail Fund REIT LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-4981901				USCRF Bear Creek Owner LLC	DE	DS	U.S. Cities Retail Fund Operating LP	Ownership	100.000	TIAA Board of Governors	NO	
			99-5117928				USCRF English Village Owner LLC	DE	DS	U.S. Cities Retail Fund Operating LP	Ownership	100.000	TIAA Board of Governors	NO	
			99-3752041				USCRF Heritage Station Owner LLC	DE	DS	U.S. Cities Retail Fund Operating LP	Ownership	100.000	TIAA Board of Governors	NO	
							USCRF KRG JV Investor Member LLC	DE	DS	U.S. Cities Retail Fund Operating LP	Ownership	100.000	TIAA Board of Governors	NO	
			37-1904986				KRGUSCRF Retail Portfolio LLC	DE	DS	USCRF KRG JV Investor Member LLC	Ownership	100.000	TIAA Board of Governors	NO	
							KRG 951 & 41, LLC	DE	DS	KRGUSCRF Retail Portfolio LLC	Ownership	100.000	TIAA Board of Governors	NO	
							KRG Livingston Center, LLC	DE	DS	KRGUSCRF Retail Portfolio LLC	Ownership	100.000	TIAA Board of Governors	NO	
							KRG-USCRF Plaza Volente, LLC	DE	DS	KRGUSCRF Retail Portfolio LLC	Ownership	100.000	TIAA Board of Governors	NO	
			33-5008546				USCRF La Quinta Owner LLC	DE	DS	U.S. Cities Retail Fund Operating LP	Ownership	100.000	TIAA Board of Governors	NO	
			33-5008100				USCRF Old Grove Owner LLC	DE	DS	U.S. Cities Retail Fund Operating LP	Ownership	100.000	TIAA Board of Governors	NO	
			93-4571475				USCRF Peachtree Crossing Owner LLC	DE	DS	U.S. Cities Retail Fund Operating LP	Ownership	100.000	TIAA Board of Governors	NO	
			39-4516013				USCRF Silver Lake Owner LLC	DE	DS	U.S. Cities Retail Fund Operating LP	Ownership	100.000	TIAA Board of Governors	NO	
			39-3497076				USCRF Westside Village Owner LLC	DE	DS	U.S. Cities Retail Fund Operating LP	Ownership	100.000	TIAA Board of Governors	NO	
			38-4104483	5115516			U.S. Cities Workplace Fund LP	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	56.875	TIAA Board of Governors	NO	
			61-1914684	5115945			U.S. Cities Workplace Fund REIT LLC	DE	DS	U.S. Cities Workplace Fund LP	Ownership	100.000	TIAA Board of Governors	NO	
			39-4132037	5116595			U.S. Cities Workplace Fund Operating GP LLC	DE	DS	U.S. Cities Workplace Fund REIT LLC	Ownership	100.000	TIAA Board of Governors	NO	
			36-4919858	5116791			U.S. Cities Workplace Fund Operating LP	DE	DS	U.S. Cities Workplace Fund REIT LLC	Ownership	100.000	TIAA Board of Governors	NO	
			87-4526709	5704442			USCOF 5500 Jefferson LLC	DE	DS	U.S. Cities Workplace Fund Operating LP	Ownership	100.000	TIAA Board of Governors	NO	
			84-4773752	5515219			USCOF Maryland Farms Holdings LLC	DE	DS	U.S. Cities Workplace Fund Operating LP	Ownership	100.000	TIAA Board of Governors	NO	
			84-4775239	5538834			U.S. Cities Office Fund Maryland Farms Co-Invest	DE	DS	USCOF Maryland Farms Holdings LLC	Ownership	51.000	TIAA Board of Governors	NO	3200
			84-4775394	5585119			VRE-NRE Maryland Farms Venture	DE	DS	U.S. Cities Office Fund Maryland Farms Co-Invest	Ownership	97.000	TIAA Board of Governors	NO	

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			87-1365205	5700574			USCOF Mobius Operating Member LLC	DE	DS	U.S. Cities Workplace Fund Operating LP	Ownership	100.000	TIAA Board of Governors	NO	
			85-3371600	5613272			USCOF Optical Court LLC	DE	DS	U.S. Cities Workplace Fund Operating LP	Ownership	100.000	TIAA Board of Governors	NO	
			33-4724674				USCWF Scholar REIT-Tranche Investor Member LLC	DE	DS	U.S. Cities Workplace Fund Operating LP	Ownership	100.000	TIAA Board of Governors	NO	
			33-4741369				USCWF Scholar TRS-Tranche Investor Member LLC	DE	DS	U.S. Cities Workplace Fund Operating LP	Ownership	100.000	TIAA Board of Governors	NO	
			33-4750931				USCWF Wexford Scholar TRS LLC	DE	DS	USCWF Scholar TRS-Tranche Investor Member LLC	Ownership	100.000	TIAA Board of Governors	NO	
			99-3805944				USCWF Split Rock Investor Member LLC	DE	DS	U.S. Cities Workplace Fund Operating LP	Ownership	100.000	TIAA Board of Governors	NO	
			33-4763847				USCWF Wexford Scholar Venture REIT-Tranche LLC	DE	DS	U.S. Cities Workplace Fund Operating LP	Ownership	100.000	TIAA Board of Governors	NO	
			39-4229565				USCWF-USCDF Medical Fund I LP	DE	DS	U.S. Cities Workplace Fund Operating LP	Ownership	66.000	TIAA Board of Governors	NO	
			82-3988257	5612417			U.S. Core-Plus Real Estate Debt Fund LP	DE	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Governors	NO	
			85-2116787	5599723			U.S. Strategic Industrial Fund II LP	DE	DS	Teachers Insurance and Annuity Association of America	Management		TIAA Board of Governors	NO	
			84-3440905	5514128			Western A Midwest TN, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
							Whole Loan Ownership Depositor, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			93-6444961				Whole Loan Ownership Trust	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			83-1931152	5700659			Winslow Growth Capital Fund II, L.P.	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	
			51-0141732	4599829			W R C Properties, LLC	DE	DS	Teachers Insurance and Annuity Association of America	Ownership	100.000	TIAA Board of Governors	NO	

Asterisk	Explanation
0100	Nuveen Consolidated, LLC is ultimately controlled and owned entirely by TIAA, with 51% owned by Nuveen, LLC, 41.5% owned by Nuveen Investments, Inc. and 7.5% owned by Nuveen Finance, LLC.
0200	TIAA European Farmland Fund GP LP is ultimately controlled and owned entirely by TIAA, with 50% owned by Nuveen Alternatives Services, LLC and 50% owned by TEFF Holdco LLC.
0300	TGAM APAC LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
0400	TGAM HK HC LLC is ultimately controlled and owned entirely by TIAA, with TGAM APAC LLC, TGAM Asia LLC, TIAA International APAC LLC and TIAA International Asia LLC each owning 25%
0500	TGAM Asia LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
0600	TIAA International APAC LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
0700	TIAA International Asia LLC is ultimately controlled and owned entirely by TIAA, with TGAM Subsidiary HC LLC, TIAA International Subsidiary HC LLC and Nuveen International Holdings LLC each owning 33.33%
0800	CAM HR Resources LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by Churchill Asset Management LLC and 1% owned by CAM HR Holdco LLC.
0900	Clean Energy Partners HoldCo LLP is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA International Holdings 2, Ltd. and 1% owned by TIAA International Holdings 1, Ltd.
1000	Nuveen Investment Management Holdings Limited is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA International Holdings 2, Ltd. and 1% owned by TIAA International Holdings 1, Ltd.
1100	Global Real Estate Debt Partners - Fund II (UK) SCSP is ultimately controlled by TIAA, with 18.75% owned by TIAA and 0.5% owned by Nuveen Real Estate Debt Partners II (GP) S.à.r.l.
1200	730 Texas Timberlands II, Ltd. is ultimately controlled and owned entirely by TIAA, which directly owns 99.5%. 730 Texas Forest Holdings, Inc., which is owned 100% by TIAA, owns .5%.
1300	Loma del Rio Vineyards LLC is ultimately controlled and owned entirely by TIAA, with 45% owned by Premiere Agricultural Properties, LLC and 55% owned by Global Ag Properties USA, LLC.
1400	Radar Propriedades Agricolas S.A. is owned 65.77% by Mansilla Participacoes LTDA and 15.31% by Radar II Propriedades Agricolas S.A..
1500	ND Properties LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA and 1% owned by TGA Minority Interest Holdings LLC.
1600	Cityhold Euro S.à r.l. (CES) is owned by TIAA via a 25% ownership of Cityhold Propco 9 S.à r.l., which owns 88% of CES, and 3% owned by wholly-owned ND Europe Office Holding S.à r.l.
1700	Cityhold Nymphe S.à r.l. (Nymphe) is owned by TIAA via a 25% ownership of Cityhold Office Partnership S.à r.l., which owns 88% of Nymphe, and 3% owned by wholly-owned ND Europe Office Holding S.à r.l.
1800	OVG Cloud S.à r.l. (OVG) is owned by TIAA via a 25% ownership of Cityhold Propco 11 S.à r.l. (10.1% of OVG) and Cityhold Propco 12 S.à r.l. (89.9% of OVG).
1900	SNC Roosevelt is owned by TIAA via a 25% ownership of Cityhold Propco 9 S.à r.l., which owns SAS Roosevelt (99.99% of SNC Roosevelt) and Roosevelt Participation S.à r.l. (0.01%).
2000	London Belgrave Unit Trust (LBUT) is owned by TIAA via a 25% ownership of Cityhold Office Partnership S.à r.l., which owns Cityhold UK Holding S.à r.l. (99.8% of LBUT) and Cityhold UK Investment S.à r.l. (0.2%).

Asterisk	Explanation
2100	60 Great Portland Street Unit Trust (60GPS) is owned by TIAA via a 25% ownership of Cityhold Office Partnership S.à r.l., which owns Cityhold UK Holding S.à r.l. (99.4% of 60GPS) and Cityhold UK Investment S.à r.l. (0.6%).
2200	T-C Europe, LP is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA and 1% owned by TGA Minority Interest Holdings LLC.
2300	Roppenheim Outlet SNC (ROSNC) is ultimately controlled by TIAA via a 61.8% ownership of Neptune Property Venture S.à r.l., which owns Roppenheim Holding SAS (99.99% of ROSNC) and Neptune Roppenheim Holding S.à r.l. (0.01%).
2400	T-C UK RE Holdings III, LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA and 1% owned by TGA Minority Interest Holdings LLC.
2500	Waterford Blue Lagoon LP is controlled by TIAA, and partially owned indirectly by T-C Waterford Blue Lagoon LLC, which owns 50%, and T-C Waterford Blue Lagoon General Partner, LLC, which owns 1%.
2600	Asia Pacific Cities Fund, FCP is owned 12.04% by TGA APAC Fund Holdings, LLC and 12.04% by TGA Real Estate Fund Holdings, LLC
2700	TGA European RE Holdings I LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA and 1% owned by TGA Minority Interest Holdings LLC.
2800	VIE Student House A GmbH & Co KG is controlled by TIAA, and partially owned indirectly by Eagle Austria Holdings S.à r.l., which owns 94%, and CB Krieau Dzwei GmbH, which owns 6%.
2900	TGA European RE Holdings III LLC is ultimately controlled and owned entirely by TIAA, with 99% owned by TIAA and 1% owned by TGA Minority Interest Holdings LLC.
3000	ONY Acceptance, LLC is ultimately controlled and owned entirely by TIAA, with 67.5% owned by TGA GP Holdco LLC and 32.5% owned by TGA GP NY Holdco LLC.
3100	1608 Chestnut Partners, LP is ultimately controlled by TIAA, with 99% owned by T-C 1608 Chestnut Limited Partner LLC and 1% owned by T-C 1608 Chestnut General Partner LLC.
3200	U.S. Cities Office Fund Maryland Farms Co-Invest is controlled by TIAA, with 51% owned by USCOF Maryland Farms Holdings LLC and 49% owned by TGA Maryland Farms Holdings LLC.
3300	Nova Gaia Brasil Participações Ltda. is owned 99.99% by TIAA-CREF Global Agriculture LLC and 0.01% by TIAA-CREF Global Agriculture BR, LLC.
3400	Tellus Brasil Participações S.A is owned 72.6% by Nova Gaia Brasil Participações Ltda and 4.90% by Terraviva Brasil Participaco Ltda.
3500	Terraviva Brasil Participações Ltda. is owned 99.99% by Nova Gaia Brasil Participações Ltda and 0.01% by TIAA-CREF Global Agriculture BR, LLC.

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NAIC Company Code	ID Number	Names of Insurers and Parent, Subsidiaries or Affiliates	Shareholder Dividends	Capital Contributions	Purchases, Sales or Exchanges of Loans, Securities, Real Estate, Mortgage Loans or Other Investments	Income/ (Disbursements) Incurred in Connection with Guarantees or Undertakings for the Benefit of any Affiliate(s)	Management Agreements and Service Contracts	Income/ (Disbursements) Incurred Under Reinsurance Agreements	*	Any Other Material Activity Not in the Ordinary Course of the Insurer's Business	Totals	Reinsurance Recoverable/ (Payable) on Losses and/or Reserve Credit Taken/(Liability)
	13-1624203	Teachers Insurance and Annuity Association of America	1,447,678,990	(852,527,716)	(27,054,100)		2,891,880,523				3,459,977,698	
	00-0000000	730 DC LLC		34,570,559			(865)				34,569,694	
	81-3106043	730 Data Centers LLC	(72,388,272)	(17,670,582)			(896,285)				(90,955,139)	
	87-3292924	730 Darwin Holdings, LLC		(8,984,867)			(203,425)				(9,188,292)	
	93-3668565	730 Digital Infra LLC		(111,317,228)			(593,511)				(111,910,739)	
	00-0000000	730 Fiber LLC		(1,063,293)			(10,288)				(1,073,581)	
	92-0957956	730 Lighting LLC	(1,185,000)	(176,773)			(53,078)				(1,414,851)	
	47-2616735	730 Power Development LLC		11,990			(1,308)				10,682	
	00-0000000	730 Rail LLC		9,869			(860)				9,009	
	47-5363027	730 Telecom, LLC		136,038			(136,038)					
	51-0494351	730 Texas Timberlands II, Ltd.		395			(395)					
		730 Transmission LLC	(122,650,704)	(97,075,949)			(241,340)				(219,967,993)	
	13-4042885	730 Texas Forest Holdings, Inc.		1,069			426				1,495	
	35-2315236	Active Extension Fund I, LLC		495							495	
	26-1870966	Active Extension Fund III, LLC	(203)	(459)							(662)	
	46-3073066	ActOil Colorado, LLC	(437,618)	(2,967,013)			(4,173)				(3,408,805)	
	81-1467545	AGR Partners LLC					(505,762)				(505,762)	
	83-4307097	AGR Agribusiness Fund III, LP	(6,555,407)	5,917,087							(638,320)	
	86-3216052	AGR Ag Infrastructure Fund LP		598,915							598,915	
	00-0000000	AU NBS Holdco LLC		843,966							843,966	
	45-5558395	Beaver Investment Holdings LLC					(2,001,784)				(2,001,784)	
		Brooklyn Investment Group LLC 700003449					(805,051)				(805,051)	
	46-1952974	Broadleaf Timberland Investments, LLC		2,904			(2,904)					
	26-4248579	Canadian Infrastructure Investments LLC		61,236			(52,609)				8,627	
	56-2672630	Ceres Agricultural Properties, LLC	(53,581,648)	(3,383,753)			(69,256)				(57,034,657)	
	47-3156644	Churchill Asset Management LLC					(15,760,232)				(15,760,232)	
		Churchill Junior Capital Opportunities Fund II, L.P.	(4,007,785)	967,841							(3,039,944)	
		Churchill Middle Market Senior Loan Fund, LP	(277,030)	(3,612,447)							(3,889,477)	
		Churchill Middle Market Senior Loan Fund III	(218,365)								(218,365)	
	26-3049305	Demeter Agricultural Properties, LLC	(19,926,856)	(2,750,168)			(37,976)				(22,715,000)	
	45-2632248	Dionysus Properties, LLC		12,852,416			(2,515)				12,849,901	
	98-0580879	DWM Inclusive Finance Equity Fund II		(1,605,116)							(1,605,116)	
	98-0580879	DWM MICROFINANCE EQUITY FUND I	(804,878)								(804,878)	
	00-0000000	Glennmont Clean Energy Fund IV		16,095,871			(577,391)				15,518,480	
		Global Real Estate Debt Partners - Fund I (UK) SCSp-SIF	(160,115)								(160,115)	
		Global Real Estate Debt Partners - Fund II (UK) SCSp	(2,558,617)	(61,428,509)							(63,987,126)	
		Global Real Estate Debt Partners - Fund III (UK)		6,974,889							6,974,889	

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1 NAIC Company Code	2 ID Number	3 Names of Insurers and Parent, Subsidiaries or Affiliates	4 Shareholder Dividends	5 Capital Contributions	6 Purchases, Sales or Exchanges of Loans, Securities, Real Estate, Mortgage Loans or Other Investments	7 Income/ (Disbursements) Incurred in Connection with Guarantees or Undertakings for the Benefit of any Affiliate(s)	8 Management Agreements and Service Contracts	9 Income/ (Disbursements) Incurred Under Reinsurance Agreements	10 *	11 Any Other Material Activity Not in the Ordinary Course of the Insurer's Business	12 Totals	13 Reinsurance Recoverable/ (Payable) on Losses and/or Reserve Credit Taken/(Liability)
	80-0026976	GreenWood Resources, Inc.					(78,453)				(78,453)	
	87-2192709	GreshamQuant Systematic Fixed Income Fund					(628,001)				(628,001)	
	27-4149157	Infra Alpha, LLC		430			(430)					
	85-4309290	TIAA Global Timberlands, LLC		(206,142,800)							(206,142,800)	
	00-0000000	Landa Fund		1,505,415							1,505,415	
	84-2323824	Landed Educator Retention Fund	(337,619)	(821,034)							(1,158,652)	
	47-4169877	Lewis & Clark Timberlands, LP		33,330			(33,330)					
		MM Funding, LLC	(24,681,707)	(2,796)							(24,684,503)	
	47-0902011	MyVest Corporation		15,000,000			(5,212,672)				9,787,328	
		NBPT Aggregator LLC		721,833							721,833	
	11-3034756	ND Properties, Inc.	(37,235,169)	(162,783,802)			(389)				(200,019,360)	
	83-4678924	New York City Property Fund II LP		6,491,377							6,491,377	
	84-2320652	NGFF Holdco LLC		(6,419,737)							(6,419,737)	
	92-0403836	NGTF Holdco LLC	(3,464,298)	(4,951,445)			(495)				(8,416,238)	
		NRE US Strategic Lab Vehicle LP		2,187,500							2,187,500	
	46-2031403	NRFC Inception IV, LP		(2,754,952)							(2,754,952)	
	45-4288013	Nuveen Alternatives Advisors, LLC					(276,786,430)				(276,786,430)	
		Nuveen Churchill Private Equity Solutions, LP		194,291,032							194,291,032	
		NUVEEN CLO ISSUANCE FEEDER FUND III, LP		41,759,782							41,759,782	
		Nuveen Enhanced CLO Income Fund	(15,389,185)								(15,389,185)	
	00-0000000	Nuveen Climate Inclusion Fund II, L.P.		22,065,991							22,065,991	
		Nuveen CLO Issuance Fund LP	(8,356,378)	(14,250,577)							(22,606,954)	
	00-0000000	Nuveen CLO Issuance Feeder Fund II, LP	(6,303,675)	6,804,941							501,266	
	88-3829767	Nuveen CLO Opportunities Fund LP			(199,480,808)						(199,480,808)	
		Nuveen Investments Canada Co.					(43,199)				(43,199)	
	00-0000000	Nuveen European Core Renewable Infrastructure Fund SCA SICAV-RAIF		26,226,034							26,226,034	
	83-4357309	Nuveen High Yield Municipal Opportunities Fund LP	(9,374)								(9,374)	
	81-3425820	Nuveen Holdings 1, Inc.					(909,065)				(909,065)	
		Nuveen Hong Kong LTD					(88,400)				(88,400)	
		Nuveen Japan Co. Ltd.					(40,063)				(40,063)	
	86-2550983	Nuveen Opportunistic Strategies LLC	(8,407,116)	(22,573,706)							(30,980,822)	
	88-1470999	NRE US Affordable Housing Fund LP		15,030,365							15,030,365	
	86-1702891	NRE US Strategic Alternative Fund	(4,607,886)	10,540,148							5,932,262	
		NRE US Strategic Industrial Fund II	(3,443,468)	(12,947,246)							(16,390,714)	
	99-0597677	NRE US Strategic Debt Fund LP		11,835,607							11,835,607	
		NRE NUCal Self Storage		10,777,323							10,777,323	
		NRE US Affordable Housing Institutional Partners	(3,284)	594,572							591,287	
		NRE US Strategic Industrial Fund III		4,875,293							4,875,293	
	47-1595484	Nuveen, LLC	(418,450,349)	(181,761,645)			(314,240,192)				(914,452,186)	
		Nuveen Municipal Opportunities Fund LP		(6,731)							(6,731)	

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NAIC Company Code	ID Number	Names of Insurers and Parent, Subsidiaries or Affiliates	Shareholder Dividends	Capital Contributions	Purchases, Sales or Exchanges of Loans, Securities, Real Estate, Mortgage Loans or Other Investments	Income/ (Disbursements) Incurred in Connection with Guarantees or Undertakings for the Benefit of any Affiliate(s)	Management Agreements and Service Contracts	Income/ (Disbursements) Incurred Under Reinsurance Agreements	*	Any Other Material Activity Not in the Ordinary Course of the Insurer's Business	Totals	Reinsurance Recoverable/ (Payable) on Losses and/or Reserve Credit Taken/(Liability)
	26-4750562	Occator Agricultural Properties, LLC	(39,896,960)	(2,324,891)			(2,516,254)				(44,738,104)	
	13-1624203	Otto's South Vineyard LLC	(1,520,682)	927,303							(593,379)	
	26-4248579	Oleum Holding Company, Inc.					509,431				509,431	
	30-0802171	Preston Hollow Capital LLC	(11,798,379)	(10,113,266)							(21,911,645)	
	82-5349340	RAHF IV Shore Hill Member, LLC		(680,867)			(2,763)				(683,630)	
		Renewable Power Fund Plus, LP		2,653,000			(2,653,000)					
	98-1718925	Seven30 Insurance Bermuda LTD.		5,000							5,000	
		TCGA Realty LLC		39,682,782			(297)				39,682,485	
		TCAM Global UK Limited					(13,957,240)				(13,957,240)	
	81-2490530	T-C Australia RE Holdings I, LLC	(163,106)	1,807,715							1,644,609	
	47-2369576	T-C Europe LP		7,126,377							7,126,377	
	45-2877772	T-C GA Real Estate Holdings LLC	(526,738)	(86,566,724)			(168,658)				(87,262,120)	
	47-4095803	T-C Lux Fund Holdings LLC		(16,956,684)							(16,956,684)	
	81-4583865	T-C MV Member LLC	(15,548,694)	(20,065,510)							(35,614,204)	
		T-C MV Member II LLC	(4,573,465)	(25,046,604)							(29,620,069)	
	36-4620008	T-C SMA II LLC		(4,171,546)							(4,171,546)	
		T-C SV Member LLC	(6,661,736)	9,445,770							2,784,033	
	81-2676934	TC UK RE Holdings III LLC	(12,765,111)	(4,479,882)							(17,244,993)	
	47-3148337	T-C US Super Regional Mall Fund LP		(4,444,444)							(4,444,444)	
	47-5379777	T-C Waterford Blue Lagoon GP LLC		(184,621)							(184,622)	
	47-5375805	T-C Waterford Blue Lagoon LLC		(9,046,445)							(9,046,444)	
	13-3760073	Teachers Advisors, Inc.					(150,704,582)				(150,704,582)	
	13-3752992	Nuveen Securities, LLC					(60,996,003)				(60,996,003)	
	81-2146865	TEFF Holdco LLC	(876,391)	(153,377)			(430)				(1,030,197)	
	88-0637658	TGA 601D Operating Member LLC	(181,017)	(102,823)							(283,840)	
	33-1606078	TGA APAC Debt Holdings LLC	(1,371,933)	(3,992,759)	20,392,108						15,027,415	
	82-2225812	TGA APAC Fund Holdings LLC	(8,408,072)	23,619,506							15,211,433	
		TGA ASI Eagles Landing Investor Member LLC		601,976			(2,968)				599,008	
	88-1120507	TGA ASI Mission Trails Investor Member LLC		120,914			(1,499)				119,415	
	86-3673675	TGA ASI Monte Vista Investor Member LLC		167,789			(1,873)				165,917	
	86-2376987	TGA ASI Riverstone Investor Member LLC		(1,240,100)			(5,052)				(1,245,152)	
	87-3063209	TGA ASI Sage Investor Member LLC		91,932			(102)				91,830	
	88-1120056	TGA ASI Sierra Vista Investor Member LLC		(28,890)			(1,396)				(30,286)	
	85-1065983	TGA Creekside Village Investor Member LLC		(193,143)			(1,368)				(194,511)	
		TGA European RE Holdings I LLC		(92,274,599)							(92,274,599)	
		TGA European RE Holdings III LLC		210,973,008							210,973,008	
		TGA European RE Holdings IV LLC		16,151,931							16,151,931	
		TGA FC Investor Member LLC		(774,243)			(16,655)				(790,897)	
		TGA GP Holdco Parent LLC		60,552,903			(198,930)				60,353,973	
		TGA GP HoldCo Parent II LLC		51,133,069	113,006,513		(19,653)				164,119,929	
	84-4376472	TGA JL II Investor Member LLC		194,754			(2,801)				191,953	
	87-1280436	TGA JL III CT Investor Member LLC		94,179			(45)				94,134	

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	84-3718861	TGA JL Investor Member LLC		697,135			(3,413)				693,722	
	85-1292481	TGA JL MCF Investor Member LLC		(3,370,231)			(8,947)				(3,379,178)	
	87-4248374	TGA JL MCF II Investor Member LLC		7,152,821			(28,089)				7,124,732	
	85-4075985	TGA Lakes at Indian Creek Investor Member LLC		2,934,288			(2,421)				2,931,868	
	81-2914954	TGA Lending III LLC		(1,196,542)							(1,196,542)	
	87-3398451	TGA Los Tres Investor Member LLC		(1,174,329)			(5,045)				(1,179,374)	
		TGA Maryland Farms Holdings LLC	(961,976)	(1,034,284)							(1,996,260)	
	84-2765297	TGA MH Investor Member LLC			(90,689,224)						(90,689,224)	
	86-2908291	TGA MH III Investor Member LLC			(22,317,289)						(22,317,289)	
	88-1762996	TGA Minority Interest Holdings LLC		(923,628)			(4)				(923,632)	
	82-1169084	TGA MKP Member LLC	(3,873,115)	(5,581,112)							(9,454,227)	
	87-3883343	TGA MOB Prescott Member LLC		(143,749)			(817)				(144,566)	
	81-4232788	TGA Montague Investor Member LLC		(617,279)			(1,467)				(618,746)	
	81-3542251	TGA Montrose Residences Member LLC		(1,022,279)			(8,811)				(1,031,090)	
	83-1916152	TGA MS Self Storage Investor Member LLC	(82,005,183)	(60,619,087)			(10,448)				(142,634,718)	
	83-4139835	TGA NJCAHP Investor Member LLC		(3,169,731)			(7,062)				(3,176,792)	
	85-2859128	TGA NYCAHP I Investor Member LLC		(3,381,721)			(5,582)				(3,387,303)	
	84-4574378	TGA NJCAHP II Investor Member LLC		(1,694,562)			(1,978)				(1,696,540)	
	87-3029971	TGA PC Charleston Club Investor Member LLC		(363,695)			(3,054)				(366,749)	
	85-3076626	TGA PC MCF Investor Member LLC		(1,174,437)			(12,602)				(1,187,039)	
	87-2112453	TGA PC Richmond Investor Member LLC		750,197			(10,317)				739,880	
	85-2863856	TGA Sparrow Investor LLC		(5,971,736)			(43,388)				(6,015,124)	
	87-4748024	TGA Sparrow II Investor LLC		(3,301,475)			(25,326)				(3,326,801)	
	83-2063402	TGA SP-MPC Housing Investor Member LLC		(2,988,530)			(979)				(2,989,509)	
	86-1741788	TGA SS Self Storage Portfolio Inv Mbr LLC		1,350,162			(21,209)				1,328,954	
		TGA Strategic Retail SMA LLC		4,431,240							4,431,240	
	88-0947969	TGA TMO GP Portfolio JV Investor Member LLC		256,221			(3,401)				252,820	
	88-1150650	TGA TMO IN Portfolio Investor Member LLC		336,134			(5,572)				330,562	
	87-4552535	TGA University Trails Investor Member LLC		(1,560,580)			(3,782)				(1,564,362)	
		TGA UMH Properties Investor Member LLC		1,851,775			(7,944)				1,843,832	
	99-4597420	TGA Verve Orlando Investor Member LLC		18,595,070			(6,425)				18,588,645	
	81-1467545	TGAM Agribusiness Fund LP	(16,365,116)	(3,668,403)							(20,033,519)	
		THRE Global Cities Advisors, LLC					(2,019,614)				(2,019,614)	
		TIAA-Cref Insurance Agency, LLC		2,220,000			(2,862,260)				(642,260)	
	81-1241294	TIAA GBS Holdings, LLC		5,430			(54,991)				(49,561)	
	27-5551198	TIAA Global Ag Holdco LLC	(21,293,411)	1,593,821			(82,527)				(19,782,117)	
	46-2860100	TIAA Global Equity Income, LLC		(4,504)							(4,504)	
		TIAA GCREIT Holdings LLC	(13,895,325)	(70,461,239)							(84,356,564)	
	26-3594208	TIAA Global Public Investments, LLC	(140,000,000)	211,605,745	206,142,800		(5,843,331)				271,905,214	
	46-2881813	TIAA GTR HoldCo LLC	(10,558,816)	(39,544,101)			(430)				(50,103,347)	

SCHEDULE Y

PART 2 - SUMMARY OF INSURER'S TRANSACTIONS WITH ANY AFFILIATES

1 NAIC Company Code	2 ID Number	3 Names of Insurers and Parent, Subsidiaries or Affiliates	4 Shareholder Dividends	5 Capital Contributions	6 Purchases, Sales or Exchanges of Loans, Securities, Real Estate, Mortgage Loans or Other Investments	7 Income/ (Disbursements) Incurred in Connection with Guarantees or Undertakings for the Benefit of any Affiliate(s)	8 Management Agreements and Service Contracts	9 Income/ (Disbursements) Incurred Under Reinsurance Agreements	10 *	11 Any Other Material Activity Not in the Ordinary Course of the Insurer's Business	12 Totals	13 Reinsurance Recoverable/ (Payable) on Losses and/or Reserve Credit Taken/(Liability)
	45-3479281	TIAA Infrastructure Investments, LLC	(13,184,953)	1,342,459			(1,247,454)				(13,089,948)	
	20-5631854	TIAA Kaspick 700001856					(39,124,798)				(39,124,798)	
	99-2861745	TIAA LatAm Timberlands LLC		3,700,983			(983)				3,700,000	
	88-4376843	TIAA NBS LLC	(35,018,476)	23,892,881			(645,264)				(11,770,859)	
	45-2665869	TIAA Oil & Gas Investments, LLC	(2,125,672)	(424,126)			(405,970)				(2,955,768)	
	11-3519531	TIAA Realty LLC	(6,756,375)	73,265,979			(137,780)				66,371,824	
	81-2755014	TIAA SMA Strategies LLC	(2,574,976)	(19,924,245)							(22,499,221)	
	85-3343718	TIAA Shared Services, LLC		707,000,000			(714,420,484)				(7,420,484)	
	45-3030923	TIAA Stonepeak Fund I, LLC		(11,151,037)			(261,713)				(11,412,750)	
	45-3029655	TIAA Stonepeak Investments II, LLC	(2,501,593)	566,863			(566,863)				(2,501,593)	
	45-3164600	TIAA Super Regional Mall Member Sub LLC		(35,700,000)							(35,700,000)	
	45-1286386	TIAA Syngas, LLC	(28,698,571)	(36,267,299)			(93,670)				(65,059,541)	
	13-4040842	TIAA Timberlands I, LLC		1,188			(1,188)					
	13-4085431	TIAA Timberlands II, LLC		(2,499,173)			(827)				(2,500,000)	
	93-1503568	TIAA Trust NA	(75,000,000)				(163,904,629)				(238,904,629)	
	88-3094952	TIAA Ventures LLC	(8,243,126)	87,582,824			(430)				79,339,268	
	26-3561447	TIAA-CREF Asset Management Distressed Opportunities Fund, LP		(499,570)			(430)				(500,000)	
	55-0856733	TIAA-CREF Individual & Institutional Services, LLC		500,000,000			(959,800,403)				(459,800,403)	
	13-3586142	TIAA-CREF Investment Management, LLC					(38,357,199)				(38,357,199)	
	20-5591124	TIAA-CREF Redwood, LLC	(10,000,000)								(10,000,000)	
	13-4026557	TIAA-CREF Tuition Financing, Inc.		43,300,000			(99,433,766)				(56,133,766)	
		U.S. Cities Industrial Fund LP	(6,879,095)								(6,879,095)	
		U.S. Cities Multifamily Fund LP	(3,641,467)								(3,641,467)	
		U.S. Core-Plus Real Estate Debt Fund LP	(7,077,144)	(16,158,059)							(23,235,203)	
	38-4104483	U.S. Cities Workplace Fund LP		(4,080,556)							(4,080,556)	
	27-3417683	Westchester Group Investment Management, Inc.					(9,410,045)				(9,410,045)	
		Wigg Investments Limited		261,423							261,423	
	83-1931152	WINSLOW GROWTH CAPITAL FUND II, L.P.	(5,721,853)	(38,636,970)			(2,215,513)				(46,574,336)	
	00-0000000	Ziemia Fund		3,247,428							3,247,428	
	00-0000000	Whole Loan Ownership Trust, LLC	(31,568,458)	(131,948,458)							(163,516,916)	
9999999 Control Totals									XXX			

SCHEDULE Y

PART 3 - ULTIMATE CONTROLLING PARTY AND LISTING OF OTHER U.S. INSURANCE GROUPS OR ENTITIES UNDER THAT ULTIMATE CONTROLLING PARTY'S CONTROL

1 Insurers in Holding Company	2 Owners with Greater Than 10% Ownership	3 Ownership Percentage Column 2 of Column 1	4 Granted Disclaimer of Control/ Affiliation of Column 2 Over Column 1 (Yes/No)	5 Ultimate Controlling Party	6 U.S. Insurance Groups or Entities Controlled by Column 5	7 Ownership Percentage (Column 5 of Column 6)	8 Granted Disclaimer of Control/ Affiliation of Column 5 Over Column 6 (Yes/No)
Teachers Insurance and Annuity Association of America	TIAA Board of Governors	100.000	NO	TIAA Board of Governors	Teachers Insurance and Annuity Association of America	100.000	NO

SUPPLEMENTAL EXHIBITS AND SCHEDULES INTERROGATORIES

REQUIRED FILINGS

The following supplemental reports are required to be filed as part of your statement filing unless specifically waived by the domiciliary state. However, in the event that your domiciliary state waives the filing requirement, your response of WAIVED to the specific interrogatory will be accepted in lieu of filing a "NONE" report and a bar code will be printed below. If the supplement is required of your company but is not being filed for whatever reason enter SEE EXPLANATION and provide an explanation following the interrogatory questions.

		Responses
	MARCH FILING	
1.	Will the Supplemental Compensation Exhibit be filed with the state of domicile by March 1?	YES
2.	Will the confidential Risk-based Capital Report be filed with the NAIC by March 1?	YES
3.	Will the confidential Risk-based Capital Report be filed with the state of domicile, if required, by March 1?	YES
4.	Will an Actuarial Opinion be filed by March 1?	YES
	APRIL FILING	
5.	Will Management's Discussion and Analysis be filed by April 1?	YES
6.	Will the Life, Health & Annuity Guaranty Association Assessable Premium Exhibit - Parts 1 and 2 be filed with the state of domicile and the NAIC by April 1? (Not applicable to fraternal benefit societies)	YES
7.	Will the Supplemental Investment Risks Interrogatories be filed by April 1?	YES
	JUNE FILING	
8.	Will an Audited Financial Report be filed by June 1?	YES
9.	Will Accountant's Letter of Qualifications be filed with the state of domicile and electronically with the NAIC by June 1?	YES

SUPPLEMENTAL FILINGS

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

	MARCH FILING	
10.	Will Schedule SIS (Stockholder Information Supplement) be filed with the state of domicile by March 1? (Not applicable to fraternal benefit societies)	NO
11.	Will the Medicare Supplement Insurance Experience Exhibit be filed with the state of domicile and the NAIC by March 1?	NO
12.	Will the Trusteed Surplus Statement be filed with the state of domicile and the NAIC by March 1?	SEE EXPLANATION
13.	Will the Actuarial Opinion on Participating and Non-participating Policies as required in Interrogatories 1 and 2 to Exhibit 5 be filed with the state of domicile and electronically with the NAIC by March 1?	NO
14.	Will the Actuarial Opinion on Non-guaranteed Elements as required in interrogatory #3 to Exhibit 5 be filed with the state of domicile and electronically with the NAIC by March 1?	YES
15.	Will the Actuarial Opinion on X-Factors be filed with the state of domicile and electronically with the NAIC by March 1?	YES
16.	Will the Actuarial Opinion on Separate Accounts Funding Guaranteed Minimum Benefit be filed with the state of domicile and electronically with the NAIC by March 1?	NO
17.	Will the Actuarial Opinion on Synthetic Guaranteed Investment Contracts be filed with the state of domicile and electronically with the NAIC by March 1?	NO
18.	Will the Reasonableness of Assumptions Certification required by Actuarial Guideline XXXV be filed with the state of domicile and electronically with the NAIC by March 1?	NO
19.	Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXV be filed with the state of domicile and electronically with the NAIC by March 1?	NO
20.	Will the Reasonableness of Assumptions Certification for Implied Guaranteed Rate Method required by Actuarial Guideline XXXVI be filed with the state of domicile and electronically with the NAIC by March 1?	NO
21.	Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Average Market Value) be filed with the state of domicile and electronically with the NAIC by March 1?	NO
22.	Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Market Value) be filed with the state of domicile and electronically with the NAIC by March 1?	NO
23.	Will the C-3 RBC Certifications required under C-3 Phase I be filed with the state of domicile and electronically with the NAIC by March 1?	YES
24.	Will the C-3 RBC Certifications required under C-3 Phase II be filed with the state of domicile and electronically with the NAIC by March 1?	YES
25.	Will the Actuarial Certifications Related to Annuity Nonforfeiture Ongoing Compliance for Equity Indexed Annuities be filed with the state of domicile and electronically with the NAIC by March 1?	NO

SUPPLEMENTAL EXHIBITS AND SCHEDULES INTERROGATORIES

26.	Will the Actuarial Opinion required by the Modified Guaranteed Annuity Model Regulation be filed with the state of domicile and electronically with the NAIC by March 1?	YES
27.	Will the Actuarial Certification regarding the use of 2001 Preferred Class Tables required by the Model Regulation Permitting the Recognition of Preferred Mortality Tables for Use in Determining Minimum Reserve Liabilities be filed with the state of domicile and electronically with the NAIC by March 1?	NO
28.	Will the Worker's Compensation Carve-Out Supplement be filed by March 1? (Not applicable to fraternal benefit societies)	NO
29.	Will Supplemental Schedule O be filed with the state of domicile and the NAIC by March 1?	YES
30.	Will the Medicare Part D Coverage Supplement be filed with the state of domicile and the NAIC by March 1?	NO
31.	Will an approval from the reporting entity's state of domicile for relief related to the five-year rotation requirement for lead audit partner be filed electronically with the NAIC by March 1?	NO
32.	Will an approval from the reporting entity's state of domicile for relief related to the one-year cooling off period for independent CPA be filed electronically with the NAIC by March 1?	NO
33.	Will an approval from the reporting entity's state of domicile for relief related to the Requirements for Audit Committees be filed electronically with the NAIC by March 1?	NO
34.	Will the VM-20 Reserves Supplement be filed with the state of domicile and the NAIC by March 1?	YES
35.	Will the Health Supplement be filed with the state of domicile and the NAIC by March 1?	YES
36.	Will the Market Conduct Annual Statement (MCAS) Premium Exhibit for Year be filed with appropriate jurisdictions and with the NAIC by March 1?	YES
	APRIL FILING	
37.	Will the confidential Regulatory Asset Adequacy Issues Summary (RAAIS) required by the Valuation Manual be filed with the state of domicile by April 1?	YES
38.	Will the Long-Term Care Experience Reporting Forms be filed with the state of domicile and the NAIC by April 1?	YES
39.	Will the Credit Insurance Experience Exhibit be filed with the state of domicile and the NAIC by April 1? (Not applicable to fraternal benefit societies)	NO
40.	Will the Accident and Health Policy Experience Exhibit be filed by April 1?	YES
41.	Will the Supplemental Health Care Exhibit (Parts 1 and 2) be filed with the state of domicile and the NAIC by April 1?	NO
42.	Will the confidential Actuarial Memorandum required by Actuarial Guideline XXXVIII 8D be filed with the state of domicile by April 30?	YES
43.	Will the Supplemental Term and Universal Life Insurance Reinsurance Exhibit be filed with the state of domicile and the NAIC by April 1?	YES
44.	Will the Variable Annuities Supplement be filed with the state of domicile and the NAIC by April 1?	YES
45.	Will the confidential Executive Summary of the PBR Actuarial Report be filed with the state of domicile by April 1?	YES
46.	Will the confidential Life Summary of the PBR Actuarial Report be filed with the state of domicile by April 1?	YES
47.	Will the confidential Variable Annuities Summary of the PBR Actuarial Report be filed with the state of domicile by April 1?	YES
	AUGUST FILING	
48.	Will Management's Report of Internal Control Over Financial Reporting be filed with the state of domicile by August 1?	YES

Explanations:

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11.
12. The Company is not a U.S. branch of a Non-U.S. Insurer.
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Bar Codes:

10. SIS Stockholder Information Supplement [Document Identifier 420]

11. Medicare Supplement Insurance Experience Exhibit [Document Identifier 360]

13. Participating Opinion for Exhibit 5 [Document Identifier 371]

16. Actuarial Opinion on Separate Accounts Funding Guaranteed Minimum Benefit [Document Identifier 443]

17. Actuarial Opinion on Synthetic Guaranteed Investment Contracts [Document Identifier 444]

18. Reasonableness of Assumptions Certification required by Actuarial Guideline XXXV [Document Identifier 445]

19. Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXV [Document Identifier 446]

20. Reasonableness of Assumptions Certification for Implied Guaranteed Rate Method required by Actuarial Guideline XXXVI [Document Identifier 447]

21. Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI [Document Identifier 448]

22. Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Market Value) [Document Identifier 449]

25. Actuarial Certifications Related to Annuity Nonforfeiture Ongoing Compliance for Equity Indexed Annuities [Document Identifier 452]

SUPPLEMENTAL EXHIBITS AND SCHEDULES INTERROGATORIES

27. Actuarial Certification regarding the use of 2001 Preferred Class Tables required by the Model Regulation Permitting the Recognition of Preferred Mortality Tables for Use in Determining Minimum Reserve Liabilities [Document Identifier 454]

28. Workers' Compensation Carve-Out Supplement [Document Identifier 495]

30. Medicare Part D Coverage Supplement [Document Identifier 365]

31. Relief from the five-year rotation requirement for lead audit partner [Document Identifier 224]

32. Relief from the one-year cooling off period for independent CPA [Document Identifier 225]

33. Relief from the Requirements for Audit Committees [Document Identifier 226]

39. Credit Insurance Experience Exhibit [Document Identifier 230]

41. Supplemental Health Care Exhibit (Parts 1 and 2) [Document Identifier 216]

OVERFLOW PAGE FOR WRITE-INS

Additional Write-ins for Liabilities Line 25

	1 Current Year	2 Prior Year
2504. Post retirement benefit obligation liability	(29,664,700)	(38,557,702)
2597. Summary of remaining write-ins for Line 25 from overflow page	(29,664,700)	(38,557,702)

Additional Write-ins for Summary of Operations Line 8.3

	1 Current Year	2 Prior Year
08.304. Miscellaneous income	51,242,309	30,006,416
08.397. Summary of remaining write-ins for Line 8.3 from overflow page	51,242,309	30,006,416

Additional Write-ins for Exhibit 2 Line 9.3

	Insurance				5	6	7
	1	Accident and Health		4			
	Life	2 Cost Containment	3 All Other	All Other Lines of Business	Investment	Fraternal	Total
09.304. Standard Reimbursements	(12,525,106)		(284,489)	1,338,236	(642,268)		(12,113,627)
09.305. Other Service Fees	10,273,030		467	1,086,621	467,498		11,827,616
09.306. TPIS Prem Fees	10,059,571						10,059,571
09.307. Equip Maintenance	3,687,960		96	538,421	237,035		4,463,512
09.308. Agency Fees	77,280		3	92,708	4,836		174,827
09.397. Summary of remaining write-ins for Line 9.3 from overflow page	11,572,736		(283,924)	3,055,987	67,101		14,411,900

OVERFLOW PAGE FOR WRITE-INS

Additional Write-ins for Analysis of Operations - Summary Line 8.3

	1 Total	2 Individual Life	3 Group Life	4 Individual Annuities	5 Group Annuities	6 Accident and Health	7 Fraternal	8 Other Lines of Business	9 YRT Mortality Risk Only
08.304. Miscellaneous income	51,242,309	5,282,366	72,075	14,864,268	31,023,600				
08.397. Summary of remaining write-ins for Line 8.3 from overflow page	51,242,309	5,282,366	72,075	14,864,268	31,023,600				

Additional Write-ins for Analysis of Operations - Individual Annuities Line 8.3

	1	Deferred				6	7
		2	3	4	5	Life Contingent Payout (Immediate and Annuitizations)	
	Total	Fixed Annuities	Indexed Annuities	Variable Annuities with Guarantees	Variable Annuities Without Guarantees		Other Annuities
08.304. Miscellaneous income	14,864,268			4,798,574		10,043,980	21,714
08.397. Summary of remaining write-ins for Line 8.3 from overflow page	14,864,268			4,798,574		10,043,980	21,714

Additional Write-ins for Analysis of Operations - Group Annuities Line 8.3

	1	Deferred				6	7
		2	3	4	5	Life Contingent Payout (Immediate and Annuitizations)	
	Total	Fixed Annuities	Indexed Annuities	Variable Annuities with Guarantees	Variable Annuities Without Guarantees		Other Annuities
08.304. Policyholder reinvestment of annuity benefits	18,327,934	8,533,605		9,794,329			
08.397. Summary of remaining write-ins for Line 8.3 from overflow page	18,327,934	8,533,605		9,794,329			

SUMMARY INVESTMENT SCHEDULE

	Investment Categories	Gross Investment Holdings 1 Amount	Gross Investment Holdings 2 Percentage of Column 1 Line 14	Admitted Assets as Reported in the Annual Statement 3 Amount	4 Securities Lending Reinvested Collateral Amount	5 Total (Col. 3 + 4) Amount	6 Percentage of Column 5 Line 14
1.	Issuer credit obligations (Schedule D, Part 1, Section 1):						
	1.01 U.S. government obligations	16,251,754,713	5.124	16,251,754,713		16,251,754,713	5.139
	1.02 Other U.S. government obligations	4,934,903	0.002	4,934,903		4,934,903	0.002
	1.03 Non-U.S. sovereign jurisdiction securities	3,616,525,479	1.140	3,616,525,479		3,616,525,479	1.143
	1.04 Municipal bonds – general obligations (direct & guaranteed)	1,806,853,055	0.570	1,806,853,055		1,806,853,055	0.571
	1.05 Municipal bonds – special revenue	13,380,241,272	4.219	13,380,241,272		13,380,241,272	4.231
	1.06 Project finance bonds issued by operating entities	8,375,553,972	2.641	8,375,553,972		8,375,553,972	2.648
	1.07 Corporate bonds	127,154,324,415	40.092	127,154,324,415		127,154,324,415	40.204
	1.08 Mandatory convertible bonds		0.000				0.000
	1.09 Single entity backed obligations	775,907,634	0.245	775,907,634		775,907,634	0.245
	1.10 SVO-Identified bond exchange traded funds – fair value		0.000				0.000
	1.11 SVO-Identified bond exchange traded funds – systematic value		0.000				0.000
	1.12 Bonds issued by funds representing operating entities	136,500,000	0.043	136,500,000		136,500,000	0.043
	1.13 Bank loans - issued	6,423,721	0.002	6,423,721		6,423,721	0.002
	1.14 Bank loans - acquired	9,284,066,023	2.927	9,196,952,016		9,196,952,016	2.908
	1.15 Mortgages loans that qualify as SVO-Identified credit tenant loans	140,531,723	0.044	140,531,723		140,531,723	0.044
	1.16 Certificates of deposit		0.000				0.000
	1.17 Other issuer credit obligations	215,804,392	0.068	215,804,392		215,804,392	0.068
	1.18 Total issuer credit obligations	181,149,421,302	57.116	181,062,307,295		181,062,307,295	57.249
2.	Asset-backed securities (Schedule D, Part 1, Section 2):						
	2.01 Financial asset-backed securities – self-liquidating	30,080,305,948	9.484	30,080,305,948		30,080,305,948	9.511
	2.02 Financial asset-backed securities – not self-liquidating	617,369,940	0.195	617,369,940		617,369,940	0.195
	2.03 Non-financial asset-backed securities	11,102,971,253	3.501	11,102,971,253		11,102,971,253	3.511
	2.04 Total asset-backed securities	41,800,647,141	13.180	41,800,647,141		41,800,647,141	13.217
3.	Preferred stocks (Schedule D, Part 2, Section 1):						
	3.01 Industrial and miscellaneous (unaffiliated)	907,645,846	0.286	907,645,848		907,645,848	0.287
	3.02 Parent, subsidiaries and affiliates		0.000				0.000
	3.03 Total preferred stocks	907,645,846	0.286	907,645,848		907,645,848	0.287
4.	Common stocks (Schedule D, Part 2, Section 2):						
	4.01 Industrial and miscellaneous - publicly traded (unaffiliated)	1,080,900,962	0.341	1,080,900,962		1,080,900,962	0.342
	4.02 Industrial and miscellaneous - other (unaffiliated)	48,192,034	0.015	48,192,034		48,192,034	0.015
	4.03 Parent, subsidiaries and affiliates - publicly traded		0.000	215,475,988		215,475,988	0.068
	4.04 Parent, subsidiaries and affiliates - other	238,475,398	0.075	178,133		178,133	0.000
	4.05 Mutual funds	199,917,718	0.063	199,917,718		199,917,718	0.063
	4.06 Unit investment trusts		0.000				0.000
	4.07 Closed-end funds	212,023	0.000	212,023		212,023	0.000
	4.08 Exchange traded funds	2,375,158,565	0.749	2,375,158,565		2,375,158,565	0.751
	4.09 Total common stocks	3,942,856,700	1.243	3,920,035,423		3,920,035,423	1.239
5.	Mortgage loans (Schedule B):						
	5.01 Farm mortgages		0.000				0.000
	5.02 Residential mortgages	3,895,370,453	1.228	3,895,370,440		3,895,370,440	1.232
	5.03 Commercial mortgages	31,965,527,847	10.079	31,965,527,850		31,965,527,850	10.107
	5.04 Mezzanine real estate loans	858,767,428	0.271	858,767,428		858,767,428	0.272
	5.05 Total valuation allowance	(28,033,322)	(0.009)	(28,033,322)		(28,033,322)	(0.009)
	5.06 Total mortgage loans	36,691,632,406	11.569	36,691,632,396		36,691,632,396	11.601
6.	Real estate (Schedule A):						
	6.01 Properties occupied by company	300,314,715	0.095	300,314,716		300,314,716	0.095
	6.02 Properties held for production of income	3,123,254,402	0.985	3,035,306,859		3,035,306,859	0.960
	6.03 Properties held for sale		0.000	87,974,829		87,974,829	0.028
	6.04 Total real estate	3,423,569,117	1.079	3,423,596,404		3,423,596,404	1.082
7.	Cash, cash equivalents and short-term investments:						
	7.01 Cash (Schedule E, Part 1)	140,159,429	0.044	140,159,429	2,474,463,663	2,614,623,092	0.827
	7.02 Cash equivalents (Schedule E, Part 2)	45,764,396	0.014	45,764,396		45,764,396	0.014
	7.03 Short-term investments (Schedule DA)	350,411,208	0.110	334,553,612		334,553,612	0.106
	7.04 Total cash, cash equivalents and short-term investments	536,335,033	0.169	520,477,437	2,474,463,663	2,994,941,100	0.947
8.	Contract loans	362,425,250	0.114	362,414,476		362,414,476	0.115
9.	Derivatives (Schedule DB)	1,447,667,408	0.456	1,447,667,408		1,447,667,408	0.458
10.	Other invested assets (Schedule BA)	44,180,868,138	13.930	43,421,978,773		43,421,978,773	13.729
11.	Receivables for securities	235,458,080	0.074	235,458,080		235,458,080	0.074
12.	Securities Lending (Schedule DL, Part 1)	2,474,463,663	0.780	2,474,463,663	XXX	XXX	XXX
13.	Other invested assets (Page 2, Line 11)	5,396,688	0.002	5,396,688		5,396,688	0.002
14.	Total invested assets	317,158,386,772	100.000	316,273,721,032	2,474,463,663	316,273,721,032	100.000

SCHEDULE A - VERIFICATION BETWEEN YEARS

Real Estate

1.	Book/adjusted carrying value, December 31 of prior year		3,517,518,318
2.	Cost of acquired:		
	2.1 Actual cost at time of acquisition (Part 2, Column 6)	32,749,487	
	2.2 Additional investment made after acquisition (Part 2, Column 9)	62,077,469	94,826,956
3.	Current year change in encumbrances:		
	3.1 Totals, Part 1, Column 13	38,627,146	
	3.2 Totals, Part 3, Column 11	71,905,191	110,532,337
4.	Total gain (loss) on disposals, Part 3, Column 18		57,133,420
5.	Deduct amounts received on disposals, Part 3, Column 15		237,901,025
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	8,318,046	8,318,046
8.	Deduct current year's depreciation:		
	8.1 Totals, Part 1, Column 11	108,175,886	
	8.2 Totals, Part 3, Column 9	2,044,176	110,220,062
9.	Book/adjusted carrying value at the end of current period (Lines 1+2+3+4-5+6-7-8)		3,423,571,898
10.	Deduct total nonadmitted amounts		
11.	Statement value at end of current period (Line 9 minus Line 10)		3,423,571,898

SCHEDULE B - VERIFICATION BETWEEN YEARS

Mortgage Loans

1.	Book value/recorded investment excluding accrued interest, December 31 of prior year		38,302,757,056
2.	Cost of acquired:		
	2.1 Actual cost at time of acquisition (Part 2, Column 7)	3,470,379,027	
	2.2 Additional investment made after acquisition (Part 2, Column 8)	260,900,361	3,731,279,388
3.	Capitalized deferred interest and other:		
	3.1 Totals, Part 1, Column 12	38,289,148	
	3.2 Totals, Part 3, Column 11	10,689,233	48,978,381
4.	Accrual of discount		64,204,567
5.	Unrealized valuation increase/(decrease):		
	5.1 Totals, Part 1, Column 9		
	5.2 Totals, Part 3, Column 8		
6.	Total gain (loss) on disposals, Part 3, Column 18		(66,962,405)
7.	Deduct amounts received on disposals, Part 3, Column 15		5,670,346,862
8.	Deduct amortization of premium and mortgage interest points and commitment fees		605,292
9.	Total foreign exchange change in book value/recorded investment excluding accrued interest:		
	9.1 Totals, Part 1, Column 13	418,566,185	
	9.2 Totals, Part 3, Column 13	93,691,029	512,257,214
10.	Deduct current year's other-than-temporary impairment recognized:		
	10.1 Totals, Part 1, Column 11	172,247,383	
	10.2 Totals, Part 3, Column 10	29,648,847	201,896,230
11.	Book value/recorded investment excluding accrued interest at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)		36,719,665,817
12.	Total valuation allowance		(28,033,322)
13.	Subtotal (Line 11 plus Line 12)		36,691,632,494
14.	Deduct total nonadmitted amounts		
15.	Statement value of mortgages owned at end of current period (Line 13 minus Line 14)		36,691,632,494

SCHEDULE BA - VERIFICATION BETWEEN YEARS

Other Long-Term Invested Assets

1.	Book/adjusted carrying value, December 31 of prior year		43,912,328,427
2.	Cost of acquired:		
	2.1 Actual cost at time of acquisition (Part 2, Column 8)	2,485,801,532	
	2.2 Additional investment made after acquisition (Part 2, Column 9)	4,571,308,158	7,057,109,691
3.	Capitalized deferred interest and other:		
	3.1 Totals, Part 1, Column 16		
	3.2 Totals, Part 3, Column 12		
4.	Accrual of discount		11,694,006
5.	Unrealized valuation increase/(decrease):		
	5.1 Totals, Part 1, Column 13	826,943,124	
	5.2 Totals, Part 3, Column 9	(204,970,753)	621,972,371
6.	Total gain (loss) on disposals, Part 3, Column 19		249,903,937
7.	Deduct amounts received on disposals, Part 3, Column 16		5,834,637,310
8.	Deduct amortization of premium, depreciation and proportional amortization		145,092
9.	Total foreign exchange change in book/adjusted carrying value:		
	9.1 Totals, Part 1, Column 17	453,116,989	
	9.2 Totals, Part 3, Column 14	(8,232,194)	444,884,795
10.	Deduct current year's other-than-temporary impairment recognized:		
	10.1 Totals, Part 1, Column 15	2,295,523,413	
	10.2 Totals, Part 3, Column 11	19,790,670	2,315,314,083
11.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)		44,147,796,743
12.	Deduct total nonadmitted amounts		758,889,365
13.	Statement value at end of current period (Line 11 minus Line 12)		43,388,907,377

SCHEDULE D - VERIFICATION BETWEEN YEARS

Bonds and Stocks

		1 Total	2 Issuer Credit Obligations	3 Asset-Backed Securities	4 Preferred Stocks	5 Common Stocks
1.	Book/adjusted carrying value, December 31 of prior year	217,086,813,721	172,735,213,030	40,913,392,703	1,053,517,404	2,384,690,584
2.	Cost of bonds and stocks acquired, Part 3, Column 6	43,015,652,747	29,847,856,526	8,594,994,681	52,040,105	4,520,761,435
3.	Accrual of discount	259,397,382	186,110,081	73,287,301		XXX
4.	Unrealized valuation increase/(decrease)	86,534,318	50,892,998	10,222,320	(75,032,440)	100,451,440
5.	Total gain (loss) on disposals, Part 4, Column 18	36,219,146	(103,004,717)	(3,830,784)	59,283,580	83,771,067
6.	Consideration for bonds and stocks disposed, Part 4, Column 6	32,952,794,333	22,125,723,053	7,601,808,972	181,375,060	3,043,887,248
7.	Amortization of premium	123,985,811	50,817,686	73,168,125		XXX
8.	Total foreign exchange change in book/adjusted carrying value	759,945,397	754,359,346	5,188,758	(787,741)	1,185,034
9.	Current year's other-than-temporary impairment recognized	370,165,284	148,747,789	117,301,887		104,115,608
10.	Total investment income recognized as a result of prepayment penalties and/or acceleration fees, Note 5Q, Line 2	8,170,355	8,170,367	(12)		XXX
11.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10)	227,805,787,639	181,154,309,103	41,800,975,983	907,645,848	3,942,856,704
12.	Total nonadmitted amounts	109,935,284	87,114,007			22,821,277
13.	Statement value at end of current period (Line 11 minus Line 12)	227,695,852,354	181,067,195,096	41,800,975,983	907,645,848	3,920,035,427

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						
Issuer Credit Obligations						
Governments and Municipalities	1.	United States	31,555,196,061	28,102,003,546	31,023,624,222	32,103,711,087
	2.	Canada	133,719,347	135,327,334	133,809,710	133,600,000
	3.	Other Countries	3,371,394,038	3,290,734,681	3,354,444,826	3,472,014,243
	4.	Total	35,060,309,446	31,528,065,561	34,511,878,758	35,709,325,330
All Other Issuer Credit Obligations (unaffiliated)	5.	United States	118,810,175,786	108,909,569,972	118,773,590,678	119,820,194,729
	6.	Canada	3,141,450,832	3,038,814,559	3,160,648,464	3,155,339,444
	7.	Other Countries	24,137,485,238	23,184,677,399	23,914,307,449	24,203,179,904
	8.	Total	146,089,111,856	135,133,061,930	145,848,546,591	147,178,714,077
All Other Issuer Credit Obligations (affiliated)	9.	Total				
	10.	Total Issuer Credit Obligations	181,149,421,302	166,661,127,491	180,360,425,349	182,888,039,407
Asset-Backed Securities						
Asset-Backed Securities (unaffiliated)	11.	United States	38,465,526,405	37,179,629,121	38,484,105,940	39,146,963,476
	12.	Canada	56,936,067	57,466,354	56,601,091	58,150,000
	13.	Other Countries	3,012,077,647	3,029,395,764	3,016,577,860	3,075,138,538
	14.	Total	41,534,540,119	40,266,491,239	41,557,284,891	42,280,252,014
Asset-Backed Securities (affiliated)	15.	Total	266,107,022	266,107,022	275,640,926	276,618,526
	16.	Total Asset-Backed Securities	41,800,647,141	40,532,598,261	41,832,925,817	42,556,870,540
	17.	Total Bonds	222,950,068,443	207,193,725,752	222,193,351,166	225,444,909,947
PREFERRED STOCKS						
Industrial and Miscellaneous (unaffiliated)	18.	United States	884,266,628	854,251,788	836,132,498	
	19.	Canada				
	20.	Other Countries	23,379,220	23,379,220	20,202,228	
	21.	Total	907,645,848	877,631,008	856,334,726	
Parent, Subsidiaries and Affiliates	22.	Total				
	23.	Total Preferred Stocks	907,645,848	877,631,008	856,334,726	
COMMON STOCKS						
Industrial and Miscellaneous (unaffiliated), Mutual Funds, Unit Investment Trusts, Closed-End Funds and Exchange Traded Funds	24.	United States	3,622,110,469	3,622,110,469	3,499,149,481	
	25.	Canada				
	26.	Other Countries	82,270,833	82,270,833	43,702,871	
	27.	Total	3,704,381,302	3,704,381,302	3,542,852,352	
Parent, Subsidiaries and Affiliates	28.	Total	238,475,398	238,475,399	153,772,609	
	29.	Total Common Stocks	3,942,856,700	3,942,856,701	3,696,624,961	
	30.	Total Stocks	4,850,502,548	4,820,487,709	4,552,959,687	
	31.	Total Bonds and Stocks	227,800,570,991	212,014,213,461	226,746,310,853	

SCHEDULE D - PART 1A

Quality and Maturity Distribution of All Bonds Owned December 31, at Book/Adjusted Carrying Values by Major Types of Issues and NAIC Designations

NAIC Designation	1 1 Year or Less	2 Over 1 Year Through 5 Years	3 Over 5 Years Through 10 Years	4 Over 10 Years Through 20 Years	5 Over 20 Years	6 No Maturity Date	7 Total Current Year	8 Col. 7 as a % of Line 52.7	9 Total from Col. 7 Prior Year	10 % From Col. 8 Prior Year	11 Total Publicly Traded	12 Total Privately Placed (a)
1. U.S. Government Obligations												
1.1 NAIC 1	226,349,520	621,103,036	3,194,330,775	9,877,675,977	2,512,707,954	XXX	16,432,167,262	7.4	XXX	XXX	15,956,915,011	475,252,251
1.2 NAIC 2						XXX			XXX	XXX		
1.3 NAIC 3						XXX			XXX	XXX		
1.4 NAIC 4						XXX			XXX	XXX		
1.5 NAIC 5						XXX			XXX	XXX		
1.6 NAIC 6						XXX			XXX	XXX		
1.7 Totals	226,349,520	621,103,036	3,194,330,775	9,877,675,977	2,512,707,954	XXX	16,432,167,262	7.4	XXX	XXX	15,956,915,011	475,252,251
2. Other U.S. Government Securities												
2.1 NAIC 1	17,699,194					XXX	17,699,194	0.0	XXX	XXX	17,699,194	
2.2 NAIC 2	4,934,903					XXX	4,934,903	0.0	XXX	XXX		4,934,903
2.3 NAIC 3						XXX			XXX	XXX		
2.4 NAIC 4						XXX			XXX	XXX		
2.5 NAIC 5						XXX			XXX	XXX		
2.6 NAIC 6						XXX			XXX	XXX		
2.7 Totals	22,634,097					XXX	22,634,097	0.0	XXX	XXX	17,699,194	4,934,903
3. Non-U.S. Sovereign Jurisdiction Securities												
3.1 NAIC 1	31,605,349	135,200,557	325,061,626	227,970,734	406,027,071	XXX	1,125,865,337	0.5	XXX	XXX	582,352,541	543,512,796
3.2 NAIC 2	9,612,299	163,370,217	442,242,761	338,582,077	387,430,383	XXX	1,341,237,737	0.6	XXX	XXX	863,020,078	478,217,659
3.3 NAIC 3	3,929,901	158,752,349	285,971,836	411,267,149	131,457,127	XXX	991,378,362	0.4	XXX	XXX	514,589,261	476,789,101
3.4 NAIC 4	987,864	67,761,004	26,872,530		5,000,000	XXX	100,621,398	0.0	XXX	XXX		100,621,398
3.5 NAIC 5	893,439	24,574,629	26,380,477	5,574,101		XXX	57,422,646	0.0	XXX	XXX	25,053,749	32,368,897
3.6 NAIC 6						XXX			XXX	XXX		
3.7 Totals	47,028,852	549,658,756	1,106,529,230	983,394,061	929,914,581	XXX	3,616,525,480	1.6	XXX	XXX	1,985,015,629	1,631,509,851
4. Municipal Bonds – General Obligations												
4.1 NAIC 1	3,445,066	102,276,891	368,836,057	925,488,021	403,184,235	XXX	1,803,230,270	0.8	XXX	XXX	1,776,560,032	26,670,238
4.2 NAIC 2	242,797	1,901,817	1,478,173			XXX	3,622,787	0.0	XXX	XXX	3,622,787	
4.3 NAIC 3						XXX			XXX	XXX		
4.4 NAIC 4						XXX			XXX	XXX		
4.5 NAIC 5						XXX			XXX	XXX		
4.6 NAIC 6						XXX			XXX	XXX		
4.7 Totals	3,687,863	104,178,708	370,314,230	925,488,021	403,184,235	XXX	1,806,853,057	0.8	XXX	XXX	1,780,182,819	26,670,238
5. Municipal Bonds – Special Revenue												
5.1 NAIC 1	133,808,816	555,660,688	1,246,447,938	5,843,755,307	5,089,141,528	XXX	12,868,814,277	5.8	XXX	XXX	12,820,800,280	48,013,997
5.2 NAIC 2	2,723,993	35,150,272	135,189,036	139,573,859	22,309,442	XXX	334,946,602	0.1	XXX	XXX	250,361,034	84,585,568
5.3 NAIC 3	1,583,713	11,534,118	72,042,763			XXX	85,160,594	0.0	XXX	XXX	83,905,945	1,254,649
5.4 NAIC 4		91,319,783				XXX	91,319,783	0.0	XXX	XXX	91,319,783	
5.5 NAIC 5						XXX			XXX	XXX		
5.6 NAIC 6						XXX			XXX	XXX		
5.7 Totals	138,116,522	693,664,861	1,453,679,737	5,983,329,166	5,111,450,970	XXX	13,380,241,256	6.0	XXX	XXX	13,246,387,042	133,854,214
6. Project Finance Bonds Issued by Operating Entities (Unaffiliated)												
6.1 NAIC 1	38,095,621	371,032,696	397,666,959	506,551,723	452,157,621	XXX	1,765,504,620	0.8	XXX	XXX		1,765,504,620
6.2 NAIC 2	232,717,676	1,568,960,739	2,222,111,647	1,568,960,365	250,907,301	XXX	5,843,657,728	2.6	XXX	XXX		5,843,657,728
6.3 NAIC 3	23,285,189	348,551,879	74,695,166	95,739,814		XXX	542,272,048	0.2	XXX	XXX		542,272,048
6.4 NAIC 4	5,952,553	71,292,635	42,053,398	47,958,074	25,841,491	XXX	193,098,151	0.1	XXX	XXX		193,098,151
6.5 NAIC 5						XXX			XXX	XXX		
6.6 NAIC 6	1,567,519	1,966,078	3,488,967	4,051,708	19,947,153	XXX	31,021,425	0.0	XXX	XXX		31,021,425
6.7 Totals	301,618,558	2,361,804,027	2,740,016,137	2,223,261,684	748,853,566	XXX	8,375,553,972	3.8	XXX	XXX		8,375,553,972

SCHEDULE D - PART 1A (Continued)

Quality and Maturity Distribution of All Bonds Owned December 31, at Book/Adjusted Carrying Values by Major Types of Issues and NAIC Designations

NAIC Designation	1 1 Year or Less	2 Over 1 Year Through 5 Years	3 Over 5 Years Through 10 Years	4 Over 10 Years Through 20 Years	5 Over 20 Years	6 No Maturity Date	7 Total Current Year	8 Col. 7 as a % of Line 52.7	9 Total from Col. 7 Prior Year	10 % From Col. 8 Prior Year	11 Total Publicly Traded	12 Total Privately Placed (a)
7. Project Finance Bonds Issued by Operating Entities (Affiliated)												
7.1 NAIC 1						XXX			XXX	XXX		
7.2 NAIC 2						XXX			XXX	XXX		
7.3 NAIC 3						XXX			XXX	XXX		
7.4 NAIC 4						XXX			XXX	XXX		
7.5 NAIC 5						XXX			XXX	XXX		
7.6 NAIC 6						XXX			XXX	XXX		
7.7 Totals						XXX			XXX	XXX		
8. Corporate Bonds (Unaffiliated)												
8.1 NAIC 1	2,510,299,997	10,260,433,613	14,686,663,398	19,680,105,333	20,328,519,857	XXX	67,466,022,198	30.2	XXX	XXX	37,678,621,419	29,787,400,779
8.2 NAIC 2	3,185,476,639	14,984,157,906	17,811,197,115	8,789,045,776	8,336,260,497	XXX	53,106,137,933	23.8	XXX	XXX	27,056,479,879	26,049,658,054
8.3 NAIC 3	442,991,609	2,198,817,453	1,395,703,280	237,798,928	67,780,633	XXX	4,343,091,903	1.9	XXX	XXX	804,702,798	3,538,389,105
8.4 NAIC 4	146,753,350	844,291,368	320,355,014	56,938,145	36,660,918	XXX	1,404,998,795	0.6	XXX	XXX	203,620,169	1,201,378,626
8.5 NAIC 5	29,559,022	325,526,224	51,734,149	2,600,000	5,380,000	XXX	414,799,395	0.2	XXX	XXX	120,373,745	294,425,650
8.6 NAIC 6		534,312,385			46,690,721	XXX	581,003,106	0.3	XXX	XXX	512,924	580,490,182
8.7 Totals	6,315,080,617	29,147,538,949	34,265,652,956	28,766,488,182	28,821,292,626	XXX	127,316,053,330	57.0	XXX	XXX	65,864,310,934	61,451,742,396
9. Corporate Bonds (Affiliated)												
9.1 NAIC 1						XXX			XXX	XXX		
9.2 NAIC 2						XXX			XXX	XXX		
9.3 NAIC 3						XXX			XXX	XXX		
9.4 NAIC 4						XXX			XXX	XXX		
9.5 NAIC 5						XXX			XXX	XXX		
9.6 NAIC 6						XXX			XXX	XXX		
9.7 Totals						XXX			XXX	XXX		
10. Mandatory Convertible Bonds (Unaffiliated)												
10.1 NAIC 1						XXX			XXX	XXX		
10.2 NAIC 2						XXX			XXX	XXX		
10.3 NAIC 3						XXX			XXX	XXX		
10.4 NAIC 4						XXX			XXX	XXX		
10.5 NAIC 5						XXX			XXX	XXX		
10.6 NAIC 6						XXX			XXX	XXX		
10.7 Totals						XXX			XXX	XXX		
11. Mandatory Convertible Bonds (Affiliated)												
11.1 NAIC 1						XXX			XXX	XXX		
11.2 NAIC 2						XXX			XXX	XXX		
11.3 NAIC 3						XXX			XXX	XXX		
11.4 NAIC 4						XXX			XXX	XXX		
11.5 NAIC 5						XXX			XXX	XXX		
11.6 NAIC 6						XXX			XXX	XXX		
11.7 Totals						XXX			XXX	XXX		
12. Single Entity Backed Obligations (Unaffiliated)												
12.1 NAIC 1	38,211,139	144,066,239	110,975,458	203,256,181	248,379,308	XXX	744,888,325	0.3	XXX	XXX	77,098,846	667,789,479
12.2 NAIC 2	2,035,881	4,247,261			24,736,166	XXX	31,019,308	0.0	XXX	XXX	6,283,141	24,736,167
12.3 NAIC 3						XXX			XXX	XXX		
12.4 NAIC 4						XXX			XXX	XXX		
12.5 NAIC 5						XXX			XXX	XXX		
12.6 NAIC 6						XXX			XXX	XXX		
12.7 Totals	40,247,020	148,313,500	110,975,458	203,256,181	273,115,474	XXX	775,907,633	0.3	XXX	XXX	83,381,987	692,525,646

SCHEDULE D - PART 1A (Continued)

Quality and Maturity Distribution of All Bonds Owned December 31, at Book/Adjusted Carrying Values by Major Types of Issues and NAIC Designations

NAIC Designation	1 1 Year or Less	2 Over 1 Year Through 5 Years	3 Over 5 Years Through 10 Years	4 Over 10 Years Through 20 Years	5 Over 20 Years	6 No Maturity Date	7 Total Current Year	8 Col. 7 as a % of Line 52.7	9 Total from Col. 7 Prior Year	10 % From Col. 8 Prior Year	11 Total Publicly Traded	12 Total Privately Placed (a)
13. Single Entity Backed Obligations (Affiliated)												
13.1 NAIC 1						XXX			XXX	XXX		
13.2 NAIC 2						XXX			XXX	XXX		
13.3 NAIC 3						XXX			XXX	XXX		
13.4 NAIC 4						XXX			XXX	XXX		
13.5 NAIC 5						XXX			XXX	XXX		
13.6 NAIC 6						XXX			XXX	XXX		
13.7 Totals						XXX			XXX	XXX		
14. SVO-Identified Bond Exchange Traded Funds – Fair Value												
14.1 NAIC 1	XXX	XXX	XXX	XXX	XXX				XXX	XXX		
14.2 NAIC 2	XXX	XXX	XXX	XXX	XXX				XXX	XXX		
14.3 NAIC 3	XXX	XXX	XXX	XXX	XXX				XXX	XXX		
14.4 NAIC 4	XXX	XXX	XXX	XXX	XXX				XXX	XXX		
14.5 NAIC 5	XXX	XXX	XXX	XXX	XXX				XXX	XXX		
14.6 NAIC 6	XXX	XXX	XXX	XXX	XXX				XXX	XXX		
14.7 Totals	XXX	XXX	XXX	XXX	XXX				XXX	XXX		
15. SVO-Identified Bond Exchange Traded Funds – Systematic Value												
15.1 NAIC 1	XXX	XXX	XXX	XXX	XXX				XXX	XXX		
15.2 NAIC 2	XXX	XXX	XXX	XXX	XXX				XXX	XXX		
15.3 NAIC 3	XXX	XXX	XXX	XXX	XXX				XXX	XXX		
15.4 NAIC 4	XXX	XXX	XXX	XXX	XXX				XXX	XXX		
15.5 NAIC 5	XXX	XXX	XXX	XXX	XXX				XXX	XXX		
15.6 NAIC 6	XXX	XXX	XXX	XXX	XXX				XXX	XXX		
15.7 Totals	XXX	XXX	XXX	XXX	XXX				XXX	XXX		
16. Bonds Issued by Funds Representing Operating Entities (Unaffiliated)												
16.1 NAIC 1						XXX			XXX	XXX		
16.2 NAIC 2		20,000,000	107,500,000	9,000,000		XXX	136,500,000	0.1	XXX	XXX		136,500,000
16.3 NAIC 3						XXX			XXX	XXX		
16.4 NAIC 4						XXX			XXX	XXX		
16.5 NAIC 5						XXX			XXX	XXX		
16.6 NAIC 6						XXX			XXX	XXX		
16.7 Totals		20,000,000	107,500,000	9,000,000		XXX	136,500,000	0.1	XXX	XXX		136,500,000
17. Bonds Issued by Funds Representing Operating Entities (Affiliated)												
17.1 NAIC 1						XXX			XXX	XXX		
17.2 NAIC 2						XXX			XXX	XXX		
17.3 NAIC 3						XXX			XXX	XXX		
17.4 NAIC 4						XXX			XXX	XXX		
17.5 NAIC 5						XXX			XXX	XXX		
17.6 NAIC 6						XXX			XXX	XXX		
17.7 Totals						XXX			XXX	XXX		
18. Bank Loans – Issued (Unaffiliated)												
18.1 NAIC 1						XXX			XXX	XXX		
18.2 NAIC 2						XXX			XXX	XXX		
18.3 NAIC 3	1,806,775	4,616,946				XXX	6,423,721	0.0	XXX	XXX		6,423,721
18.4 NAIC 4						XXX			XXX	XXX		
18.5 NAIC 5						XXX			XXX	XXX		
18.6 NAIC 6						XXX			XXX	XXX		
18.7 Totals	1,806,775	4,616,946				XXX	6,423,721	0.0	XXX	XXX		6,423,721

SCHEDULE D - PART 1A (Continued)

Quality and Maturity Distribution of All Bonds Owned December 31, at Book/Adjusted Carrying Values by Major Types of Issues and NAIC Designations

NAIC Designation	1 1 Year or Less	2 Over 1 Year Through 5 Years	3 Over 5 Years Through 10 Years	4 Over 10 Years Through 20 Years	5 Over 20 Years	6 No Maturity Date	7 Total Current Year	8 Col. 7 as a % of Line 52.7	9 Total from Col. 7 Prior Year	10 % From Col. 8 Prior Year	11 Total Publicly Traded	12 Total Privately Placed (a)
19. Bank Loans – Issued (Affiliated)												
19.1 NAIC 1						XXX			XXX	XXX		
19.2 NAIC 2						XXX			XXX	XXX		
19.3 NAIC 3						XXX			XXX	XXX		
19.4 NAIC 4						XXX			XXX	XXX		
19.5 NAIC 5						XXX			XXX	XXX		
19.6 NAIC 6						XXX			XXX	XXX		
19.7 Totals						XXX			XXX	XXX		
20. Bank Loans – Acquired (Unaffiliated)												
20.1 NAIC 1						XXX			XXX	XXX		
20.2 NAIC 2	30,192,058	388,964,289	71,975,135	39,296,804		XXX	530,428,286	0.2	XXX	XXX	214,801,083	315,627,203
20.3 NAIC 3	518,544,441	3,101,369,696	1,000,245,291	27,400,346	10,880,098	XXX	4,658,439,872	2.1	XXX	XXX	1,588,487,990	3,069,951,882
20.4 NAIC 4	122,114,555	2,209,682,246	1,070,566,052			XXX	3,402,362,853	1.5	XXX	XXX	1,930,126,180	1,472,236,673
20.5 NAIC 5	48,368,914	652,417,827	23,328,121			XXX	724,114,862	0.3	XXX	XXX	273,820,239	450,294,623
20.6 NAIC 6		3,855,199				XXX	3,855,199	0.0	XXX	XXX		3,855,199
20.7 Totals	719,219,968	6,356,289,257	2,166,114,599	66,697,150	10,880,098	XXX	9,319,201,072	4.2	XXX	XXX	4,007,235,492	5,311,965,580
21. Bank Loans – Acquired (Affiliated)												
21.1 NAIC 1						XXX			XXX	XXX		
21.2 NAIC 2						XXX			XXX	XXX		
21.3 NAIC 3						XXX			XXX	XXX		
21.4 NAIC 4						XXX			XXX	XXX		
21.5 NAIC 5						XXX			XXX	XXX		
21.6 NAIC 6						XXX			XXX	XXX		
21.7 Totals						XXX			XXX	XXX		
22. Mortgage Loans that Qualify as SVO-Identified Credit Tenant Loans (Unaffiliated)												
22.1 NAIC 1	4,944,454	22,139,797	33,819,427	35,709,606		XXX	96,613,284	0.0	XXX	XXX		96,613,284
22.2 NAIC 2	958,414	4,620,293	7,857,046	16,709,126		XXX	30,144,879	0.0	XXX	XXX		30,144,879
22.3 NAIC 3						XXX			XXX	XXX		
22.4 NAIC 4	968,866	4,672,638	7,977,121	154,936		XXX	13,773,561	0.0	XXX	XXX		13,773,561
22.5 NAIC 5						XXX			XXX	XXX		
22.6 NAIC 6						XXX			XXX	XXX		
22.7 Totals	6,871,734	31,432,728	49,653,594	52,573,668		XXX	140,531,724	0.1	XXX	XXX		140,531,724
23. Mortgage Loans that Qualify as SVO-Identified Credit Tenant Loans (Affiliated)												
23.1 NAIC 1						XXX			XXX	XXX		
23.2 NAIC 2						XXX			XXX	XXX		
23.3 NAIC 3						XXX			XXX	XXX		
23.4 NAIC 4						XXX			XXX	XXX		
23.5 NAIC 5						XXX			XXX	XXX		
23.6 NAIC 6						XXX			XXX	XXX		
23.7 Totals						XXX			XXX	XXX		
24. Certificates of Deposit (Unaffiliated)												
24.1 NAIC 1						XXX			XXX	XXX		
24.2 NAIC 2						XXX			XXX	XXX		
24.3 NAIC 3						XXX			XXX	XXX		
24.4 NAIC 4						XXX			XXX	XXX		
24.5 NAIC 5						XXX			XXX	XXX		
24.6 NAIC 6						XXX			XXX	XXX		
24.7 Totals						XXX			XXX	XXX		

SCHEDULE D - PART 1A (Continued)

Quality and Maturity Distribution of All Bonds Owned December 31, at Book/Adjusted Carrying Values by Major Types of Issues and NAIC Designations

NAIC Designation	1 1 Year or Less	2 Over 1 Year Through 5 Years	3 Over 5 Years Through 10 Years	4 Over 10 Years Through 20 Years	5 Over 20 Years	6 No Maturity Date	7 Total Current Year	8 Col. 7 as a % of Line 52.7	9 Total from Col. 7 Prior Year	10 % From Col. 8 Prior Year	11 Total Publicly Traded	12 Total Privately Placed (a)
25. Certificates of Deposit (Affiliated)												
25.1 NAIC 1						XXX			XXX	XXX		
25.2 NAIC 2						XXX			XXX	XXX		
25.3 NAIC 3						XXX			XXX	XXX		
25.4 NAIC 4						XXX			XXX	XXX		
25.5 NAIC 5						XXX			XXX	XXX		
25.6 NAIC 6						XXX			XXX	XXX		
25.7 Totals						XXX			XXX	XXX		
26. Other Issuer Credit Obligations (Unaffiliated)												
26.1 NAIC 1			116,397,500			XXX	116,397,500	0.1	XXX	XXX		116,397,500
26.2 NAIC 2		67,000,000	25,856,892		6,550,000	XXX	99,406,892	0.0	XXX	XXX	32,406,892	67,000,000
26.3 NAIC 3						XXX			XXX	XXX		
26.4 NAIC 4						XXX			XXX	XXX		
26.5 NAIC 5						XXX			XXX	XXX		
26.6 NAIC 6						XXX			XXX	XXX		
26.7 Totals		67,000,000	142,254,392		6,550,000	XXX	215,804,392	0.1	XXX	XXX	32,406,892	183,397,500
27. Other Issuer Credit Obligations (Affiliated)												
27.1 NAIC 1						XXX			XXX	XXX		
27.2 NAIC 2						XXX			XXX	XXX		
27.3 NAIC 3						XXX			XXX	XXX		
27.4 NAIC 4						XXX			XXX	XXX		
27.5 NAIC 5						XXX			XXX	XXX		
27.6 NAIC 6						XXX			XXX	XXX		
27.7 Totals						XXX			XXX	XXX		
28. Agency Residential Mortgage-Backed Securities - Guaranteed												
28.1 NAIC 1	211,338,573	1,100,741,021	1,400,604,106	1,426,322,057	116,597,454	XXX	4,255,603,211	1.9	XXX	XXX	4,255,603,210	1
28.2 NAIC 2						XXX			XXX	XXX		
28.3 NAIC 3						XXX			XXX	XXX		
28.4 NAIC 4						XXX			XXX	XXX		
28.5 NAIC 5						XXX			XXX	XXX		
28.6 NAIC 6						XXX			XXX	XXX		
28.7 Totals	211,338,573	1,100,741,021	1,400,604,106	1,426,322,057	116,597,454	XXX	4,255,603,211	1.9	XXX	XXX	4,255,603,210	1
29. Agency Commercial Mortgage-Backed Securities - Guaranteed												
29.1 NAIC 1		27,858,846				XXX	27,858,846	0.0	XXX	XXX	27,858,846	
29.2 NAIC 2						XXX			XXX	XXX		
29.3 NAIC 3						XXX			XXX	XXX		
29.4 NAIC 4						XXX			XXX	XXX		
29.5 NAIC 5						XXX			XXX	XXX		
29.6 NAIC 6						XXX			XXX	XXX		
29.7 Totals		27,858,846				XXX	27,858,846	0.0	XXX	XXX	27,858,846	
30. Agency Residential Mortgage-Backed Securities – Not Guaranteed												
30.1 NAIC 1	388,933,844	1,978,872,384	2,239,726,551	2,123,016,428	92,436,285	XXX	6,822,985,492	3.1	XXX	XXX	6,820,345,712	2,639,780
30.2 NAIC 2						XXX			XXX	XXX		
30.3 NAIC 3						XXX			XXX	XXX		
30.4 NAIC 4						XXX			XXX	XXX		
30.5 NAIC 5						XXX			XXX	XXX		
30.6 NAIC 6						XXX			XXX	XXX		
30.7 Totals	388,933,844	1,978,872,384	2,239,726,551	2,123,016,428	92,436,285	XXX	6,822,985,492	3.1	XXX	XXX	6,820,345,712	2,639,780

SCHEDULE D - PART 1A (Continued)

Quality and Maturity Distribution of All Bonds Owned December 31, at Book/Adjusted Carrying Values by Major Types of Issues and NAIC Designations

NAIC Designation	1 1 Year or Less	2 Over 1 Year Through 5 Years	3 Over 5 Years Through 10 Years	4 Over 10 Years Through 20 Years	5 Over 20 Years	6 No Maturity Date	7 Total Current Year	8 Col. 7 as a % of Line 52.7	9 Total from Col. 7 Prior Year	10 % From Col. 8 Prior Year	11 Total Publicly Traded	12 Total Privately Placed (a)
31. Agency Commercial Mortgage-Backed Securities - Not Guaranteed												
31.1 NAIC 1		3,233,985	911,768			XXX	4,145,753	0.0	XXX	XXX		4,145,753
31.2 NAIC 2						XXX			XXX	XXX		
31.3 NAIC 3						XXX			XXX	XXX		
31.4 NAIC 4						XXX			XXX	XXX		
31.5 NAIC 5						XXX			XXX	XXX		
31.6 NAIC 6						XXX			XXX	XXX		
31.7 Totals		3,233,985	911,768			XXX	4,145,753	0.0	XXX	XXX		4,145,753
32. Non-Agency Residential Mortgage-Backed Securities (Unaffiliated)												
32.1 NAIC 1	64,540,569	265,512,839	527,491,762	251,329,965	189,608,286	XXX	1,298,483,421	0.6	XXX	XXX	249,532,189	1,048,951,232
32.2 NAIC 2	2,883,461	79,041,558	189,237,375	83,977,150	14,865,739	XXX	370,005,283	0.2	XXX	XXX	8,250,491	361,754,792
32.3 NAIC 3	3,386,409	44,983,998	263,048,347	333,778,023	6,255,501	XXX	651,452,278	0.3	XXX	XXX	45,480,105	605,972,173
32.4 NAIC 4	1,450,289	4,210,764	39,140,928	346,603,889	2,395,409	XXX	393,801,279	0.2	XXX	XXX	8,603,652	385,197,627
32.5 NAIC 5	5,532,433	10,689,067	6,080,595	1,544,477	561,325	XXX	24,407,897	0.0	XXX	XXX	24,407,896	1
32.6 NAIC 6	85,423	316,121	99,412	3	3,907	XXX	504,866	0.0	XXX	XXX	320,476	184,390
32.7 Totals	77,878,584	404,754,347	1,025,098,419	1,017,233,507	213,690,167	XXX	2,738,655,024	1.2	XXX	XXX	336,594,809	2,402,060,215
33. Non-Agency Residential Mortgage-Backed Securities (Affiliated)												
33.1 NAIC 1						XXX			XXX	XXX		
33.2 NAIC 2						XXX			XXX	XXX		
33.3 NAIC 3						XXX			XXX	XXX		
33.4 NAIC 4						XXX			XXX	XXX		
33.5 NAIC 5						XXX			XXX	XXX		
33.6 NAIC 6						XXX			XXX	XXX		
33.7 Totals						XXX			XXX	XXX		
34. Non-Agency Commercial Mortgage-Backed Securities (Unaffiliated)												
34.1 NAIC 1	1,729,939,008	3,223,098,808	2,014,985,743	5,933,690	304,735,589	XXX	7,278,692,838	3.3	XXX	XXX	5,504,134,473	1,774,558,365
34.2 NAIC 2	6,154,112	94,075,666	7,783,268		6,400,000	XXX	114,413,046	0.1	XXX	XXX	82,243,843	32,169,203
34.3 NAIC 3		36,058,784				XXX	36,058,784	0.0	XXX	XXX	30,196,190	5,862,594
34.4 NAIC 4	920,215	39,555,425				XXX	40,475,640	0.0	XXX	XXX	34,475,640	6,000,000
34.5 NAIC 5						XXX			XXX	XXX		
34.6 NAIC 6	3	78,860,701	25	22	898	XXX	78,861,649	0.0	XXX	XXX	14,988,608	63,873,041
34.7 Totals	1,737,013,338	3,471,649,384	2,022,769,036	5,933,712	311,136,487	XXX	7,548,501,957	3.4	XXX	XXX	5,666,038,754	1,882,463,203
35. Non-Agency Commercial Mortgage-Backed Securities (Affiliated)												
35.1 NAIC 1						XXX			XXX	XXX		
35.2 NAIC 2						XXX			XXX	XXX		
35.3 NAIC 3						XXX			XXX	XXX		
35.4 NAIC 4						XXX			XXX	XXX		
35.5 NAIC 5						XXX			XXX	XXX		
35.6 NAIC 6						XXX			XXX	XXX		
35.7 Totals						XXX			XXX	XXX		
36. Non-Agency – CLOs/CBOs/CDOs (Unaffiliated)												
36.1 NAIC 1	28,200,788	301,220,793	1,410,684,342	153,437,396		XXX	1,893,543,319	0.8	XXX	XXX	4,993,503	1,888,549,816
36.2 NAIC 2			15,415,000			XXX	15,415,000	0.0	XXX	XXX		15,415,000
36.3 NAIC 3	7,393,297	45,418,533	201,111,297	40,571,131		XXX	294,494,258	0.1	XXX	XXX	3,000,000	291,494,258
36.4 NAIC 4			2,925,906			XXX	2,925,906	0.0	XXX	XXX		2,925,906
36.5 NAIC 5						XXX			XXX	XXX		
36.6 NAIC 6					14	XXX	14	0.0	XXX	XXX		14
36.7 Totals	35,594,085	346,639,326	1,630,136,545	194,008,527	14	XXX	2,206,378,497	1.0	XXX	XXX	7,993,503	2,198,384,994

SCHEDULE D - PART 1A (Continued)

Quality and Maturity Distribution of All Bonds Owned December 31, at Book/Adjusted Carrying Values by Major Types of Issues and NAIC Designations

NAIC Designation	1 1 Year or Less	2 Over 1 Year Through 5 Years	3 Over 5 Years Through 10 Years	4 Over 10 Years Through 20 Years	5 Over 20 Years	6 No Maturity Date	7 Total Current Year	8 Col. 7 as a % of Line 52.7	9 Total from Col. 7 Prior Year	10 % From Col. 8 Prior Year	11 Total Publicly Traded	12 Total Privately Placed (a)
37. Non-Agency – CLOs/CBOs/CDOs (Affiliated)												
37.1 NAIC 1						XXX			XXX	XXX		
37.2 NAIC 2						XXX			XXX	XXX		
37.3 NAIC 3						XXX			XXX	XXX		
37.4 NAIC 4						XXX			XXX	XXX		
37.5 NAIC 5						XXX			XXX	XXX		
37.6 NAIC 6						XXX			XXX	XXX		
37.7 Totals						XXX			XXX	XXX		
38. Other Financial Asset-Backed Securities (Unaffiliated)												
38.1 NAIC 1	316,842,200	959,760,906	583,352,226	647,880,522	3,181,439,411	XXX	5,689,275,265	2.5	XXX	XXX	133,168,452	5,556,106,813
38.2 NAIC 2	12,071,646	108,048,825	142,108,760	40,937,040	48,261,880	XXX	351,428,151	0.2	XXX	XXX	2,999,602	348,428,549
38.3 NAIC 3		5,204,755	53,012,269	11,182,952	16,997,485	XXX	86,397,461	0.0	XXX	XXX		86,397,461
38.4 NAIC 4		2,499,759	7,891,109		4,949,637	XXX	15,340,505	0.0	XXX	XXX		15,340,505
38.5 NAIC 5	37,292	171,302	275,177	841,777	773,202	XXX	2,098,750	0.0	XXX	XXX		2,098,750
38.6 NAIC 6					331,637,041	XXX	331,637,041	0.1	XXX	XXX		331,637,041
38.7 Totals	328,951,138	1,075,685,547	786,639,541	700,842,291	3,584,058,656	XXX	6,476,177,173	2.9	XXX	XXX	136,168,054	6,340,009,119
39. Other Financial Asset-Backed Securities (Affiliated)												
39.1 NAIC 1						XXX			XXX	XXX		
39.2 NAIC 2						XXX			XXX	XXX		
39.3 NAIC 3						XXX			XXX	XXX		
39.4 NAIC 4						XXX			XXX	XXX		
39.5 NAIC 5						XXX			XXX	XXX		
39.6 NAIC 6						XXX			XXX	XXX		
39.7 Totals						XXX			XXX	XXX		
40. Equity-Backed Securities (Unaffiliated)												
40.1 NAIC 1	5,854,242	132,215,626	155,597,095	127,781,418	(179,043,763)	XXX	242,404,618	0.1	XXX	XXX		242,404,618
40.2 NAIC 2	2,940,301	15,646,284			20,287,025	XXX	38,873,610	0.0	XXX	XXX		38,873,610
40.3 NAIC 3			19,984,690			XXX	19,984,690	0.0	XXX	XXX		19,984,690
40.4 NAIC 4						XXX			XXX	XXX		
40.5 NAIC 5						XXX			XXX	XXX		
40.6 NAIC 6						XXX			XXX	XXX		
40.7 Totals	8,794,543	147,861,910	175,581,785	127,781,418	(158,756,738)	XXX	301,262,918	0.1	XXX	XXX		301,262,918
41. Equity-Backed Securities (Affiliated)												
41.1 NAIC 1						XXX			XXX	XXX		
41.2 NAIC 2						XXX			XXX	XXX		
41.3 NAIC 3						XXX			XXX	XXX		
41.4 NAIC 4						XXX			XXX	XXX		
41.5 NAIC 5						XXX			XXX	XXX		
41.6 NAIC 6						XXX			XXX	XXX		
41.7 Totals						XXX			XXX	XXX		
42. Other Financial Asset-Backed Securities – Not Self-Liquidating (Unaffiliated)												
42.1 NAIC 1			50,000,000			XXX	50,000,000	0.0	XXX	XXX		50,000,000
42.2 NAIC 2						XXX			XXX	XXX		
42.3 NAIC 3						XXX			XXX	XXX		
42.4 NAIC 4						XXX			XXX	XXX		
42.5 NAIC 5						XXX			XXX	XXX		
42.6 NAIC 6						XXX			XXX	XXX		
42.7 Totals			50,000,000			XXX	50,000,000	0.0	XXX	XXX		50,000,000

SCHEDULE D - PART 1A (Continued)

Quality and Maturity Distribution of All Bonds Owned December 31, at Book/Adjusted Carrying Values by Major Types of Issues and NAIC Designations

NAIC Designation	1 1 Year or Less	2 Over 1 Year Through 5 Years	3 Over 5 Years Through 10 Years	4 Over 10 Years Through 20 Years	5 Over 20 Years	6 No Maturity Date	7 Total Current Year	8 Col. 7 as a % of Line 52.7	9 Total from Col. 7 Prior Year	10 % From Col. 8 Prior Year	11 Total Publicly Traded	12 Total Privately Placed (a)
43. Other Financial Asset-Backed Securities – Not Self-Liquidating (Affiliated)												
43.1 NAIC 1						XXX			XXX	XXX		
43.2 NAIC 2						XXX			XXX	XXX		
43.3 NAIC 3						XXX			XXX	XXX		
43.4 NAIC 4						XXX			XXX	XXX		
43.5 NAIC 5						XXX			XXX	XXX		
43.6 NAIC 6			266,107,022			XXX	266,107,022	0.1	XXX	XXX		266,107,022
43.7 Totals			266,107,022			XXX	266,107,022	0.1	XXX	XXX		266,107,022
44. Lease-Backed Securities – Practical Expedient (Unaffiliated)												
44.1 NAIC 1	1,844,605	8,390,294	4,665,608		43,658,390	XXX	58,558,897	0.0	XXX	XXX		58,558,897
44.2 NAIC 2						XXX			XXX	XXX		
44.3 NAIC 3						XXX			XXX	XXX		
44.4 NAIC 4						XXX			XXX	XXX		
44.5 NAIC 5						XXX			XXX	XXX		
44.6 NAIC 6						XXX			XXX	XXX		
44.7 Totals	1,844,605	8,390,294	4,665,608		43,658,390	XXX	58,558,897	0.0	XXX	XXX		58,558,897
45. Lease-Backed Securities – Practical Expedient (Affiliated)												
45.1 NAIC 1						XXX			XXX	XXX		
45.2 NAIC 2						XXX			XXX	XXX		
45.3 NAIC 3						XXX			XXX	XXX		
45.4 NAIC 4						XXX			XXX	XXX		
45.5 NAIC 5						XXX			XXX	XXX		
45.6 NAIC 6						XXX			XXX	XXX		
45.7 Totals						XXX			XXX	XXX		
46. Other Non-Financial Asset-Backed Securities – Practical Expedient (Unaffiliated)												
46.1 NAIC 1	68,021,871	207,323,428	195,643,019	1,190,092,838	690,743,114	XXX	2,351,824,270	1.1	XXX	XXX		2,351,824,270
46.2 NAIC 2	20,769,530	134,905,789	102,871,050	507,860,192	57,735,694	XXX	824,142,255	0.4	XXX	XXX		824,142,255
46.3 NAIC 3	288,467	185,063,417	53,307,290	66,144,495		XXX	304,803,669	0.1	XXX	XXX		304,803,669
46.4 NAIC 4		6,639,876	7,365,037			XXX	14,004,913	0.0	XXX	XXX		14,004,913
46.5 NAIC 5						XXX			XXX	XXX		
46.6 NAIC 6						XXX			XXX	XXX		
46.7 Totals	89,079,868	533,932,510	359,186,396	1,764,097,525	748,478,808	XXX	3,494,775,107	1.6	XXX	XXX		3,494,775,107
47. Other Non-Financial Asset-Backed Securities – Practical Expedient (Affiliated)												
47.1 NAIC 1						XXX			XXX	XXX		
47.2 NAIC 2						XXX			XXX	XXX		
47.3 NAIC 3						XXX			XXX	XXX		
47.4 NAIC 4						XXX			XXX	XXX		
47.5 NAIC 5						XXX			XXX	XXX		
47.6 NAIC 6						XXX			XXX	XXX		
47.7 Totals						XXX			XXX	XXX		
48. Lease-Backed Securities – Full Analysis (Unaffiliated)												
48.1 NAIC 1	45,020,796	127,112,344	27,428,679	29,444,267	209,095,612	XXX	438,101,698	0.2	XXX	XXX		438,101,698
48.2 NAIC 2	10,506,971	15,429,498	43,406,283	3,416,383	65,075,542	XXX	137,834,677	0.1	XXX	XXX		137,834,677
48.3 NAIC 3	3,292,927	1,999,929				XXX	5,292,856	0.0	XXX	XXX		5,292,856
48.4 NAIC 4						XXX			XXX	XXX		
48.5 NAIC 5						XXX			XXX	XXX		
48.6 NAIC 6						XXX			XXX	XXX		
48.7 Totals	58,820,694	144,541,771	70,834,962	32,860,650	274,171,154	XXX	581,229,231	0.3	XXX	XXX		581,229,231

SCHEDULE D - PART 1A (Continued)

Quality and Maturity Distribution of All Bonds Owned December 31, at Book/Adjusted Carrying Values by Major Types of Issues and NAIC Designations

NAIC Designation	1 1 Year or Less	2 Over 1 Year Through 5 Years	3 Over 5 Years Through 10 Years	4 Over 10 Years Through 20 Years	5 Over 20 Years	6 No Maturity Date	7 Total Current Year	8 Col. 7 as a % of Line 52.7	9 Total from Col. 7 Prior Year	10 % From Col. 8 Prior Year	11 Total Publicly Traded	12 Total Privately Placed (a)
49. Lease-Backed Securities – Full Analysis (Affiliated)												
49.1 NAIC 1						XXX			XXX	XXX		
49.2 NAIC 2						XXX			XXX	XXX		
49.3 NAIC 3						XXX			XXX	XXX		
49.4 NAIC 4						XXX			XXX	XXX		
49.5 NAIC 5						XXX			XXX	XXX		
49.6 NAIC 6						XXX			XXX	XXX		
49.7 Totals						XXX			XXX	XXX		
50. Other Non-Financial Asset-Backed Securities – Full Analysis (Unaffiliated)												
50.1 NAIC 1	364,245,924	1,545,710,246	528,210,458	835,543,472	924,136,240	XXX	4,197,846,340	1.9	XXX	XXX	422,015,742	3,775,830,598
50.2 NAIC 2	463,239,263	1,209,361,925	295,440,750	208,261,194	381,903,028	XXX	2,558,206,160	1.1	XXX	XXX	19,596,076	2,538,610,084
50.3 NAIC 3	7,545,469	50,976,391	10,987,489	26,920,676	1,892,906	XXX	98,322,931	0.0	XXX	XXX	2,999,518	95,323,413
50.4 NAIC 4	5,021,170	70,765,399	35,866,709			XXX	111,653,278	0.0	XXX	XXX		111,653,278
50.5 NAIC 5				2,379,308		XXX	2,379,308	0.0	XXX	XXX		2,379,308
50.6 NAIC 6						XXX			XXX	XXX		
50.7 Totals	840,051,826	2,876,813,961	870,505,406	1,073,104,650	1,307,932,174	XXX	6,968,408,017	3.1	XXX	XXX	444,611,336	6,523,796,681
51. Other Non-Financial Asset-Backed Securities – Full Analysis (Affiliated)												
51.1 NAIC 1						XXX			XXX	XXX	(1,639,605)	1,639,605
51.2 NAIC 2						XXX			XXX	XXX	1,540,692	(1,540,692)
51.3 NAIC 3						XXX			XXX	XXX		
51.4 NAIC 4						XXX			XXX	XXX		
51.5 NAIC 5						XXX			XXX	XXX		
51.6 NAIC 6						XXX			XXX	XXX	98,910	(98,910)
51.7 Totals						XXX			XXX	XXX	(3)	3

SCHEDULE D - PART 1A (Continued)

Quality and Maturity Distribution of All Bonds Owned December 31, at Book/Adjusted Carrying Values by Major Types of Issues and NAIC Designations

NAIC Designation	1 1 Year or Less	2 Over 1 Year Through 5 Years	3 Over 5 Years Through 10 Years	4 Over 10 Years Through 20 Years	5 Over 20 Years	6 No Maturity Date	7 Total Current Year	8 Col. 7 as a % of Line 52.7	9 Total from Col. 7 Prior Year	10 % From Col. 8 Prior Year	11 Total Publicly Traded	12 Total Privately Placed (a)
52. Total Bonds Current Year												
52.1 NAIC 1	(d) 6,229,241,576	22,092,965,037	29,619,500,495	44,091,294,935	35,013,524,192		137,046,526,235	61.4	XXX	XXX	86,326,059,845	50,720,466,390
52.2 NAIC 2	(d) 3,987,459,944	18,894,882,339	21,621,670,291	11,745,619,966	9,622,722,697		65,872,355,237	29.5	XXX	XXX	28,541,605,598	37,330,749,639
52.3 NAIC 3	(d) 1,014,048,197	6,193,348,248	3,430,109,718	1,250,803,514	235,263,750		12,123,573,427	5.4	XXX	XXX	3,073,361,807	9,050,211,620
52.4 NAIC 4	(d) 284,168,862	3,412,690,897	1,561,013,804	451,655,044	74,847,455		5,784,376,062	2.6	XXX	XXX	2,268,145,424	3,516,230,638
52.5 NAIC 5	(d) 84,391,100	1,013,379,049	107,798,519	12,939,663	6,714,527		(c) 1,225,222,858	0.5	XXX	XXX	443,655,629	781,567,229
52.6 NAIC 6	(d) 1,652,945	619,310,484	269,695,426	4,051,733	398,279,734		(c) 1,292,990,322	0.6	XXX	XXX	15,920,918	1,277,069,404
52.7 Totals	11,600,962,624	52,226,576,054	56,609,788,253	57,556,364,855	45,351,352,355		223,345,044,14 (b) 1	100.0	XXX	XXX	120,668,749,221	102,676,294,920
52.8 Line 52.7 as a % of Col. 7	5.2	23.4	25.3	25.8	20.3		100.0	XXX	XXX	XXX	54.0	46.0
53. Total Bonds Prior Year												
53.1 NAIC 1	8,910,877,028	22,156,013,778	26,335,427,194	41,722,268,931	31,468,004,909		XXX	XXX	130,592,591,840	60.2	84,287,228,373	46,305,363,467
53.2 NAIC 2	4,764,999,773	19,054,866,060	20,697,763,949	11,253,794,202	8,712,442,406		XXX	XXX	64,483,866,390	29.7	30,276,528,033	34,207,338,357
53.3 NAIC 3	1,052,457,941	6,922,803,655	4,031,096,032	1,046,730,942	351,501,831		XXX	XXX	13,404,590,401	6.2	3,977,100,588	9,427,489,813
53.4 NAIC 4	251,537,874	2,831,404,517	1,232,190,897	834,811,337	82,154,102		XXX	XXX	5,232,098,727	2.4	2,065,259,146	3,166,839,581
53.5 NAIC 5	190,637,887	1,801,124,817	456,756,050	15,394,025	88,047,606		XXX	XXX	(c) 2,551,960,385	1.2	810,922,337	1,741,038,048
53.6 NAIC 6	283,415,940	252,679,221	16,205,967	8,329,832	3,310,296		XXX	XXX	(c) 563,941,256	0.3	11,156,003	552,785,253
53.7 Totals	15,453,926,443	53,018,892,048	52,769,440,089	54,881,329,269	40,705,461,150		216,829,048,99 (b) 9	100.0	XXX	XXX	121,428,194,480	95,400,854,519
53.8 Line 53.7 as a % of Col. 9	7.1	24.5	24.3	25.3	18.8		XXX	XXX	100.0	XXX	56.0	44.0
54. Total Publicly Traded Bonds												
54.1 NAIC 1	3,629,198,330	11,703,697,580	17,166,605,815	31,805,758,062	22,020,800,058		86,326,059,845	38.7	XXX	XXX	86,326,059,845	XXX
54.2 NAIC 2	1,877,019,437	7,008,559,466	8,559,904,528	5,082,627,557	6,013,494,610		28,541,605,598	12.8	XXX	XXX	28,541,605,598	XXX
54.3 NAIC 3	117,649,434	1,440,910,892	970,141,306	391,708,029	152,952,145		3,073,361,806	1.4	XXX	XXX	3,073,361,806	XXX
54.4 NAIC 4	28,726,674	1,289,669,146	875,673,207	48,956,514	25,119,883		2,268,145,424	1.0	XXX	XXX	2,268,145,424	XXX
54.5 NAIC 5	14,034,263	405,112,866	22,402,699	1,544,477	561,325		443,655,630	0.2	XXX	XXX	443,655,630	XXX
54.6 NAIC 6	52,625	15,778,820	85,566		3,907		15,920,918	0.0	XXX	XXX	15,920,918	XXX
54.7 Totals	5,666,680,763	21,863,728,770	27,594,813,121	37,330,594,639	28,212,931,928		120,668,749,221	54.0	XXX	XXX	120,668,749,221	XXX
54.8 Line 54.7 as a % of Col. 7	4.7	18.1	22.9	30.9	23.4		100.0	XXX	XXX	XXX	100.0	XXX
54.9 Line 54.7 as a % of Line 52.7, Col. 7, Section 52	2.5	9.8	12.4	16.7	12.6		54.0	XXX	XXX	XXX	54.0	XXX
55. Total Privately Placed Bonds												
55.1 NAIC 1	2,600,043,246	10,389,267,457	12,452,894,680	12,285,536,873	12,992,724,134		50,720,466,390	22.7	XXX	XXX	XXX	50,720,466,390
55.2 NAIC 2	2,110,440,507	11,886,322,873	13,061,765,763	6,662,992,409	3,609,228,087		37,330,749,639	16.7	XXX	XXX	XXX	37,330,749,639
55.3 NAIC 3	896,398,763	4,752,437,356	2,459,968,412	859,095,485	82,311,605		9,050,211,621	4.1	XXX	XXX	XXX	9,050,211,621
55.4 NAIC 4	255,442,188	2,123,021,751	685,340,597	402,698,530	49,727,572		3,516,230,638	1.6	XXX	XXX	XXX	3,516,230,638
55.5 NAIC 5	70,356,837	608,266,183	85,395,820	11,395,186	6,153,202		781,567,228	0.3	XXX	XXX	XXX	781,567,228
55.6 NAIC 6	1,600,320	603,531,664	269,609,860	4,051,733	398,275,827		1,277,069,404	0.6	XXX	XXX	XXX	1,277,069,404
55.7 Totals	5,934,281,861	30,362,847,284	29,014,975,132	20,225,770,216	17,138,420,427		102,676,294,920	46.0	XXX	XXX	XXX	102,676,294,920
55.8 Line 55.7 as a % of Col. 7	5.8	29.6	28.3	19.7	16.7		100.0	XXX	XXX	XXX	XXX	100.0
55.9 Line 55.7 as a % of Line 52.7, Col. 7, Section 52	2.7	13.6	13.0	9.1	7.7		46.0	XXX	XXX	XXX	XXX	46.0

(a) Includes $ 28,247,080,550 freely tradable under SEC Rule 144 or qualified for resale under SEC Rule 144A.

(b) Includes $ 9,299,278,908 current year of bonds with Z designations and $ 5,591,534,018 prior year of bonds with Z designations. The letter "Z" means the NAIC designation was not assigned by the Securities Valuation Office (SVO) at the date of the statement.

(c) Includes $ 9,953,209 current year, $ 485,227,442 prior year of bonds with 5GI designations and $ 383,272,240 current year, $ 492,235,937 prior year of bonds with 6* designations. "5GI" means the NAIC designation was assigned by the (SVO) in reliance on the insurer's certification that the issuer is current in all principal and interest payments. "6*" means the NAIC designation was assigned by the SVO due to inadequate certification of principal and interest payments.

(d) Includes the following amount of short-term and cash equivalent bonds by NAIC designation: NAIC 1 $ 345,911,769 ; NAIC 2 $ 5,257,815 ; NAIC 3 $ 25,873,654 ; NAIC 4 $ 12,944,924 ; NAIC 5 $ 3,787,570 ; NAIC 6 $ 1,199,936

SCHEDULE DA - VERIFICATION BETWEEN YEARS

Short-Term Investments

	1 Total	2 Bonds	3 Other Short-term Investment Assets
1. Book/adjusted carrying value, December 31 of prior year	2,653,772,886	2,653,772,886	
2. Cost of short-term investments acquired	690,003,262	690,003,262	
3. Accrual of discount	22,267,989	22,267,989	
4. Unrealized valuation increase/(decrease)			
5. Total gain (loss) on disposals	2,972,776	2,972,776	
6. Deduct consideration received on disposals	3,023,239,364	3,023,239,364	
7. Deduct amortization of premium			
8. Total foreign exchange change in book/adjusted carrying value	3,725,606	3,725,606	
9. Deduct current year's other-than-temporary impairment recognized	91,882	91,882	
10. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9)	349,411,273	349,411,273	
11. Deduct total nonadmitted amounts	15,857,596	15,857,596	
12. Statement value at end of current period (Line 10 minus Line 11)	333,553,677	333,553,677	

SCHEDULE DB - PART A - VERIFICATION BETWEEN YEARS

Options, Caps, Floors, Collars, Swaps and Forwards

1.	Book/adjusted carrying value, December 31, prior year (Line 10, prior year)			1,831,297,074
2.	Cost paid/(consideration received) on additions:			
	2.1 Current year paid/(consideration received) at time of acquisition, still open, Section 1, Column 12		705,522,181	
	2.2 Current year paid/(consideration received) at time of acquisition, terminated, Section 2, Column 14			705,522,181
3.	Unrealized valuation increase/(decrease):			
	3.1 Section 1, Column 17		141,502,039	
	3.2 Section 2, Column 19		(21,182,109)	120,319,930
4.	SSAP No. 108 Adjustments			
5.	Total gain (loss) on termination recognized, Section 2, Column 22			(152,286,691)
6.	Considerations received/(paid) on terminations, Section 2, Column 15			107,997,970
7.	Amortization:			
	7.1 Section 1, Column 19		(137,827,357)	
	7.2 Section 2, Column 21		(51,996,559)	(189,823,916)
8.	Adjustment to the book/adjusted carrying value of hedged item:			
	8.1 Section 1, Column 20			
	8.2 Section 2, Column 23			
9.	Total foreign exchange change in book/adjusted carrying value:			
	9.1 Section 1, Column 18		(1,221,258,043)	
	9.2 Section 2, Column 20		(368,624,826)	(1,589,882,869)
10.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6+7+8+9)			617,147,739
11.	Deduct nonadmitted assets			
12.	Statement value at end of current period (Line 10 minus Line 11)			617,147,739

SCHEDULE DB - PART B - VERIFICATION

Futures Contracts

1.	Book/Adjusted carrying value, December 31 of prior year (Line 6, prior year)			
2.	Cumulative cash change (Section 1, Broker Name/Net Cash Deposits Footnote - Cumulative Cash Change Column)			
3.1	Add:			
	Change in variation margin on open contracts - Highly effective hedges:			
	3.11 Section 1, Column 15, current year minus			
	3.12 Section 1, Column 15, prior year			
	Change in variation margin on open contracts - All other:			
	3.13 Section 1, Column 18, current year minus			
	3.14 Section 1, Column 18, prior year			
3.2	Add:			
	Change in adjustment to basis of hedged item:			
	3.21 Section 1, Column 17, current year to date minus			
	3.22 Section 1, Column 17, prior year			
	Change in amount recognized			
	3.23 Section 1, Column 19, current year to date minus			
	3.24 Section 1, Column 19, prior year plus			
	3.25 SSAP No. 108 Adjustments			
3.3	Subtotal (Line 3.1 minus Line 3.2)			
4.1	Cumulative variation margin on terminated contracts during the year (Section 2, Column 15)			
4.2	Less:			
	4.21 Amount used to adjust basis of hedged item (Section 2, Column 17)			
	4.22 Amount recognized (Section 2, Column 16)			
	4.23 SSAP No. 108 Adjustments			
4.3	Subtotal (Line 4.1 minus Line 4.2)			
5.	Dispositions gains (losses) on contracts terminated in prior year:			
	5.1 Total gain (loss) recognized for terminations in prior year			
	5.2 Total gain (loss) adjusted into the hedged item(s) for terminations in prior year			
6.	Book/adjusted carrying value at end of current period (Lines 1+2+3.3-4.3-5.1-5.2)			
7.	Deduct total nonadmitted amounts			
8.	Statement value at end of current period (Line 6 minus Line 7)			

NONE

SCHEDULE DB - PART C - SECTION 1

Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
12607@NR7	CDX-NAIGS37 7-15	1F	75,000,000	98,378,101	54,736,394	09/24/2021	12/20/2026	CREDIT DEFAULT SWAP ON CDX-NAIGS37 7-15, REC. 1% FIXED RATE	253,498	683,593	912810-RW-0	TSY INFL IX N/B United States Treasury In .875	1A	98,124,603	54,052,801
12607@NW6	CDX-NAIGS37 7-15	1F	50,000,000	49,979,019	49,318,500	10/04/2021	12/20/2026	CREDIT DEFAULT SWAP ON CDX-NAIGS37 7-15, REC. 1% FIXED RATE	144,548	455,729	546676-AU-1	LOUISVILLE GAS & ELEC 1ST MORTG ..	1FFE	49,834,471	48,862,771
				24,423	25,242						26875P-AQ-4	EOG RESOURCES INC SR UNSEC	1GFE	24,423	25,242
12607@PJ3	CDX-NAIGS37 7-15	1F	50,000,000	49,962,361	34,888,556	10/05/2021	12/20/2026	CREDIT DEFAULT SWAP ON CDX-NAIGS37 7-15, REC. 1% FIXED RATE	134,756	455,729	694476-AE-2	PACIFIC LIFECORP SERIES 144A	1GFE	49,827,605	34,432,827
				47,180	42,934						04636N-AB-9	ASTRAZENECA FINANCE LLC 2 1/4% Due 5/28/2031 MN28	1EFE	47,180	42,934
12607@QV5	CDX-NAIGS37 7-15	1F	50,000,000	36,865,569	33,552,963	11/23/2021	12/20/2026	CREDIT DEFAULT SWAP ON CDX-NAIGS37 7-15, REC. 1% FIXED RATE	135,824	455,729	89417E-AJ-8	TRAVELERS COS INC SR UNSEC	1FFE	36,729,745	33,097,234
				13,135,479	10,575,670						00115A-AF-6	AEP TRANSMISSION CO LLC SR UNSEC .	1FFE	13,135,479	10,575,670
12607@UD0	CDX-NAIGS37 7-15	1D	100,000,000	81,385,601	81,871,817	01/21/2022	12/20/2026	CREDIT DEFAULT SWAP ON CDX-NAIGS37 7-15, REC. 1% FIXED RATE	211,583	911,458	891160-MJ-9	TORONTO-DOMINION BANK SUBORD	1GFE	81,174,018	80,960,359
				18,697,753	20,282,022						904764-AH-0	UNILEVER CAPITAL CORP CO.GUARNT	1EFE	18,697,753	20,282,022
12607@UE8	CDX-NAIGS37 7-15	1D	50,000,000	50,072,809	54,380,996	01/24/2022	12/20/2026	CREDIT DEFAULT SWAP ON CDX-NAIGS37 7-15, REC. 1% FIXED RATE	95,461	455,729	341081-FB-8	FLORIDA POWER & LIGHT CO 1ST MORTG	1EFE	49,977,348	53,925,267
12607@UP3	CDX-NAIGS37 7-15	1D	50,000,000	15,125,089	16,388,736	01/26/2022	12/20/2026	CREDIT DEFAULT SWAP ON CDX-NAIGS37 7-15, REC. 1% FIXED RATE	91,055	455,729	872287-AL-1	TCI COMMUNICATIONS INC SR UNSEC	1GFE	15,034,034	15,933,007
				15,917,780	15,917,780						903312-AA-4	USB REALTY CORP JR SUBORDINATED	2BFE	15,917,780	15,917,780
				14,999,956	15,781,002						773903-AB-5	ROCKWELL AUTOMATION INC SR UNSEC .	1GFE	14,999,956	15,781,002
				3,904,037	2,701,963						649840-CR-4	NY STATE ELECTRIC & GAS SR UNSEC .	1GFE	3,904,037	2,701,963
				63,491	45,761						210518-DH-6	CONSUMERS ENERGY CO 3 1/2% Due 8/1/2051 FA1	1FFE	63,491	45,761
12607@VK3	CDX-NAIGS37 7-15	1D	50,000,000	40,069,188	39,320,708	02/03/2022	12/20/2026	CREDIT DEFAULT SWAP ON CDX-NAIGS37 7-15, REC. 1% FIXED RATE	69,188	455,729	617446-8P-7	MORGAN STANLEY SERIES MTN	1EFE	40,000,000	38,864,979
				10,040,674	10,728,597						010392-FB-9	ALABAMA POWER CO SR UNSEC	1FFE	10,040,674	10,728,597
12607@VF4	CDX-NAIGS37 7-15	1D	50,000,000	45,007,856	46,911,019	02/04/2022	12/20/2026	CREDIT DEFAULT SWAP ON CDX-NAIGS37 7-15, REC. 1% FIXED RATE	43,570	455,729	842400-EV-1	SOUTHERN CAL EDISON 1ST REF MORT .	2AFE	44,964,286	46,455,290
				4,997,666	4,052,596						45138L-BA-0	IDAHO POWER CO 1ST MORTG	1FFE	4,997,666	4,052,596
12607@VL1	CDX-NAIGS37 7-15	1D	50,000,000	32,483,279	34,692,046	02/10/2022	12/20/2026	CREDIT DEFAULT SWAP ON CDX-NAIGS37 7-15, REC. 1% FIXED RATE	47,770	455,729	976656-BW-7	WISC ELEC POWER SR UNSEC	1GFE	32,435,509	34,236,317
				17,991,554	19,035,431						207597-DS-1	CONNECTICUT LIGHT & PWR 1ST REF MORT	1FFE	17,991,554	19,035,431
12607@YU8	CDX-NAIGS37 7-15	1E	5,000,000	5,062,199	5,346,113	09/08/2022	12/20/2026	CREDIT DEFAULT SWAP ON CDX-NAIGS37 7-15, REC. 1% FIXED RATE	(7,734)	45,573	341081-EP-8	FLORIDA POWER & LIGHT CO 1ST MORTG	1EFE	5,069,933	5,300,540
12607@YW4	CDX-NAIGS37 7-15	1F	5,000,000	5,042,907	5,229,980	09/08/2022	12/20/2026	CREDIT DEFAULT SWAP ON CDX-NAIGS37 7-15, REC. 1% FIXED RATE	(7,908)	45,573	45138L-AQ-6	IDAHO POWER CO 1ST MORTG	1FFE	5,050,815	5,184,407
12607@YV6	CDX-NAIGS37 7-15	1E	5,000,000	5,110,516	5,296,516	09/08/2022	12/20/2026	CREDIT DEFAULT SWAP ON CDX-NAIGS37 7-15, REC. 1% FIXED RATE	(7,850)	45,573	341081-ES-2	FLORIDA POWER & LIGHT CO 1ST MORTG	1EFE	5,118,366	5,250,943
12607@ZW3	CDX-NAHYS39 35-100	1A	74,564,423	14,233,563	18,316,993	10/14/2022	12/20/2027	CREDIT DEFAULT SWAP ON CDX-NAHYS39 35-100, REC. 5% FIXED RATE	4,260,419	6,933,659	013716-AQ-8	RIO TINTO ALCAN INC SR UNSEC	1FFE	9,973,144	11,383,334
				11,417,261	12,314,454						144141-CY-2	DUKE ENERGY PROGRESS LLC 1ST MORTG	1FFE	11,417,261	12,314,454
				9,996,972	10,947,277						207597-DV-4	CONNECTICUT LIGHT & PWR 1ST REF MORT	1FFE	9,996,972	10,947,277
				8,566,433	9,060,523						207597-EA-9	CONNECTICUT LIGHT & PWR 1ST REF MORT	1FFE	8,566,433	9,060,523
				12,733,975	13,830,326						478160-AJ-3	JOHNSON & JOHNSON SR UNSEC	1AFE	12,733,975	13,830,326
				12,071,362	12,708,235						665772-BQ-1	NORTHERN STATES PWR-MINN 1ST MORTG	1FFE	12,071,362	12,708,235
				10,046,439	10,227,160						961214-DF-7	WESTPAC BANKING CORP SUBORD	1GFE	10,046,439	10,227,160
12607@A91	CDX-NAHYS39 35-100	1F	74,564,423	78,944,534	68,042,255	12/05/2022	12/20/2027	CREDIT DEFAULT SWAP ON CDX-NAHYS39 35-100, REC. 5% FIXED RATE	5,065,555	6,933,659	912810-QU-5	US TREASURY N/B United States Treasury No 3.12	1A	73,878,979	61,108,596
				298,272	310,065						244199-BM-6	DEERE & COMPANY 5.7% Due 1/19/2055 JJ19	1EFE	298,272	310,065
12776*BH9	CDX-NAIGS39 7-15	1F	50,000,000	19,804,054	20,944,449	01/30/2023	12/20/2027	CREDIT DEFAULT SWAP ON CDX-NAIGS39 7-15, REC. 1% FIXED RATE	(47,032)	801,404	494368-BG-7	KIMBERLY-CLARK CORP SR UNSEC	1FFE	19,851,086	20,143,045
				28,053,496	37,072,264						59156R-AM-0	METLIFE INC SR UNSEC	1GFE	28,053,496	37,072,264

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Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
.....	.....	.....	.....	2,993,194	3,071,452	.....	.....	.....	.....	.....	049560-AK-1	ATMOS ENERGY CORP SR UNSEC	1FFE	2,993,194	3,071,452
12776*CC9	CDX-NAIGS39 7-15	1F	50,000,000	24,391,422	30,662,957	03/09/2023	12/20/2027	CREDIT DEFAULT SWAP ON CDX-NAIGS39 7-15, REC. 1% FIXED RATE	(140,183)	801,404	771196-AU-6	ROCHE HOLDINGS INC CO.GUARNT	1CFE	24,531,605	29,861,553
.....	.....	.....	.....	1,446,117	1,625,250	.....	.....	.....	.....	.....	91086Q-AS-7	UNITED MEXICAN STATES SR UNSEC	2BFE	1,446,117	1,625,250
.....	.....	.....	.....	24,940,833	26,070,350	.....	.....	.....	.....	.....	06849V-AA-1	BARRICK GOLD FINANCE CO CO.GUARNT	2AFE	24,940,833	26,070,350
12776*CX3	CDX-NAIGS39 7-15	1D	50,000,000	14,597,484	16,781,641	03/10/2023	12/20/2027	CREDIT DEFAULT SWAP ON CDX-NAIGS39 7-15, REC. 1% FIXED RATE	(235,003)	801,404	013716-AW-5	RIO TINTO ALCAN INC SR UNSEC	1FFE	14,832,487	15,980,237
.....	.....	.....	.....	29,994,396	37,485,349	.....	.....	.....	.....	.....	172062-AE-1	CINCINNATI FINL CORP SR UNSEC	1GFE	29,994,396	37,485,349
.....	.....	.....	.....	4,039,041	7,519,923	.....	.....	.....	.....	.....	416515-AP-9	HARTFORD INSURANCE GROUP INC/T SR UNSEC	1GFE	4,039,041	7,519,923
.....	.....	.....	.....	1,486,676	1,342,723	.....	.....	.....	.....	.....	783186-NH-8	RUTGERS NJ ST UNIV Rutgers The State Univers 5.66	1EFE	1,486,676	1,342,723
12776*DE4	CDX-NAIGS39 7-15	1G	50,000,000	30,797,763	33,014,467	03/17/2023	12/20/2027	CREDIT DEFAULT SWAP ON CDX-NAIGS39 7-15, REC. 1% FIXED RATE	(348,675)	801,404	059165-DX-5	BALTIMORE GAS & ELECTRIC SR UNSEC	1GFE	31,146,438	32,213,063
.....	.....	.....	.....	16,991,122	17,957,980	.....	.....	.....	.....	.....	656531-AG-5	EQUINOR ASA CO.GUARNT	1DFE	16,991,122	17,957,980
.....	.....	.....	.....	2,734,469	2,784,634	.....	.....	.....	.....	.....	907818-BY-3	UNION PACIFIC CORP SR UNSEC	1GFE	2,734,469	2,784,634
12776*GF8	CDX-NAIGS41 7-15	1D	100,000,000	83,760,430	82,568,932	09/26/2023	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	(379,528)	1,972,156	92778L-BL-3	VIRGINIA ST CMWLTH UNIV HLTH S Virginia Commonwealth Uni 4.95	1DFE	84,139,958	80,596,776
.....	.....	.....	.....	16,955,169	11,257,211	.....	.....	.....	.....	.....	89417E-AR-0	TRAVELERS COS INC 3.05% Due 6/8/2051 JD8	1FFE	16,955,169	11,257,211
12776*GN1	CDX-NAIGS41 7-15	1F	100,000,000	26,233,813	23,210,757	09/26/2023	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	(379,528)	1,972,156	678858-BN-0	OKLAHOMA G&E CO SR UNSEC	1GFE	26,613,341	21,238,601
.....	.....	.....	.....	74,550,210	71,664,157	.....	.....	.....	.....	.....	912810-QK-7	US TREASURY N/B United States Treasury No 3.87	1A	74,550,210	71,664,157
12776*GP6	CDX-NAIGS41 7-15	1F	50,000,000	24,865,890	27,590,323	09/26/2023	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	(201,283)	986,078	202795-HG-8	COMMONWEALTH EDISON CO 1ST MORTG	1FFE	25,067,173	26,604,245
.....	.....	.....	.....	24,906,005	20,590,118	.....	.....	.....	.....	.....	882508-BD-5	TEXAS INSTRUMENTS INC SR UNSEC	1EFE	24,906,005	20,590,118
.....	.....	.....	.....	509,018	556,728	.....	.....	.....	.....	.....	961548-AY-0	WESTROCK MWV LLC CO.GUARNT	2BFE	509,018	556,728
12776*GQ4	CDX-NAIGS41 7-15	1F	100,000,000	33,045,229	31,922,807	09/27/2023	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	(385,479)	1,972,156	459200-KB-6	IBM CORP SR UNSEC	1GFE	33,430,708	29,950,651
.....	.....	.....	.....	23,907,502	23,664,672	.....	.....	.....	.....	.....	571676-AF-2	MARS INC SERIES 144A	1FFE	23,907,502	23,664,672
.....	.....	.....	.....	39,627,876	37,282,254	.....	.....	.....	.....	.....	717081-EC-3	PFIZER INC SR UNSEC	1FFE	39,627,876	37,282,254
.....	.....	.....	.....	3,436,195	3,130,303	.....	.....	.....	.....	.....	98419M-AL-4	XYLEM INC 2 1/4% Due 1/30/2031 JJ30	2BFE	3,436,195	3,130,303
.....	.....	.....	.....	184,812	184,893	.....	.....	.....	.....	.....	681919-BB-1	OMNICOM GROUP INC 2.45% Due 4/30/2030 A030	2AFE	184,812	184,893
12776*GS0	CDX-NAIGS41 7-15	1E	100,000,000	34,557,359	37,261,332	09/27/2023	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	(391,241)	1,972,156	149123-BS-9	CATERPILLAR INC SR UNSEC	1FFE	34,948,600	35,289,176
.....	.....	.....	.....	33,891,853	37,550,979	.....	.....	.....	.....	.....	378272-BQ-0	GLENCORE FUNDING LLC SERIES 144A	2AFE	33,891,853	37,550,979
.....	.....	.....	.....	32,052,151	33,579,847	.....	.....	.....	.....	.....	842400-ES-8	SOUTHERN CAL EDISON 1ST REF MORT	2AFE	32,052,151	33,579,847
12776*GU5	CDX-NAIGS41 7-15	1D	100,000,000	82,225,621	56,962,677	09/27/2023	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	(420,057)	1,972,156	575767-AQ-1	MASS MUTUAL LIFE INS CO SERIES 144A	1DFE	82,645,678	54,990,521
.....	.....	.....	.....	13,693,854	13,771,656	.....	.....	.....	.....	.....	57587G-T5-4	MASSACHUSETTS ST HSG FIN AGY H SERIES 240	1BFE	13,693,854	13,771,656
.....	.....	.....	.....	5,000,000	4,834,750	.....	.....	.....	.....	.....	452227-FT-3	ILLINOIS ST SALES TAX REVENUE State of Illinois 4.08 06/15/2	1FFE	5,000,000	4,834,750
12776*GT8	CDX-NAIGS41 7-15	1E	100,000,000	19,765,302	22,849,670	09/27/2023	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	(409,107)	1,972,156	695114-CB-2	PACIFICORP 1ST MORTG	2AFE	20,174,409	20,877,514
.....	.....	.....	.....	39,821,392	32,638,654	.....	.....	.....	.....	.....	744560-BB-1	PUBLIC SERVICE ELECTRIC SECURED	1FFE	39,821,392	32,638,654
.....	.....	.....	.....	40,000,000	40,264,321	.....	.....	.....	.....	.....	95000U-2L-6	WELLS FARGO & COMPANY SERIES MTN	2AFE	40,000,000	40,264,321
.....	.....	.....	.....	908,458	921,426	.....	.....	.....	.....	.....	126410-LL-1	CSX TRANSPORTATION INC SR UNSEC	1GFE	908,458	921,426
12776*GV3	CDX-NAIGS41 7-15	1D	100,000,000	100,386,221	96,437,703	10/02/2023	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	(381,822)	1,972,156	912810-QK-7	US TREASURY N/B United States Treasury No 3.87	1A	100,768,043	94,465,547
12776*GW1	CDX-NAIGS41 7-15	1G	100,000,000	29,594,780	28,758,186	10/02/2023	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	(405,220)	1,972,156	06051G-HU-6	BANK OF AMERICA CORP SR UNSEC	1EFE	30,000,000	26,786,030
.....	.....	.....	.....	34,189,957	31,763,226	.....	.....	.....	.....	.....	797440-BM-5	SAN DIEGO G & E 1ST MORTG	1FFE	34,189,957	31,763,226
.....	.....	.....	.....	34,545,374	34,609,421	.....	.....	.....	.....	.....	13648T-AD-9	CANADIAN PACIFIC RAILWAY 4.3% Due 5/15/2043 MN15	2AFE	34,545,374	34,609,421

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Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
.....	.....	.....	.....	2,075,297	2,099,741	.....	.....	.....	.....	.....	12189L-AC-5	BURLINGTN NORTH SANTA FE SR UNSEC	1FFE	2,075,297	2,099,741
12776*QU4	CDX-NAIGS41 7-15	1E	100,000,000	14,022,234	16,336,218	10/03/2023	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	(441,557)	1,972,156	126650-CM-0	CVS HEALTH CORP SR UNSEC	2BFE	14,463,791	14,364,062
.....	.....	.....	.....	29,928,648	27,396,434	.....	.....	.....	.....	.....	594918-BS-2	MICROSOFT CORP SR UNSEC	1AFE	29,928,648	27,396,434
.....	.....	.....	.....	15,009,284	14,959,314	.....	.....	.....	.....	.....	767201-AL-0	RIO TINTO FIN USA LTD CO.GUARNT	1FFE	15,009,284	14,959,314
.....	.....	.....	.....	12,000,000	11,804,208	.....	.....	.....	.....	.....	606822-CG-7	MITSUBISHI UFJ FIN GRP 4.315% Due 4/19/2033 A019	1GFE	12,000,000	11,804,208
.....	.....	.....	.....	10,612,977	12,265,856	.....	.....	.....	.....	.....	26442C-AB-0	DUKE ENERGY CAROLINAS 1ST REF MORT	1FFE	10,612,977	12,265,856
.....	.....	.....	.....	18,466,007	18,363,707	.....	.....	.....	.....	.....	097023-CW-3	BOEING CO 5.805% Due 5/1/2050 MN1	2CFE	18,466,007	18,363,707
12776*GY7	CDX-NAIGS41 7-15	1G	100,000,000	20,301,216	18,796,165	10/03/2023	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	(508,070)	1,972,156	02361D-AN-0	AMEREN ILLINOIS CO SR SEC	1FFE	20,809,286	16,824,009
.....	.....	.....	.....	14,313,634	13,950,074	.....	.....	.....	.....	.....	11120V-AJ-2	BRIXMOR OPERATING PART 4.05% Due 7/1/2030 JJ1	2BFE	14,313,634	13,950,074
.....	.....	.....	.....	29,986,409	32,355,160	.....	.....	.....	.....	.....	341081-FB-8	FLORIDA POWER & LIGHT CO 1ST MORTG	1EFE	29,986,409	32,355,160
.....	.....	.....	.....	19,981,332	19,617,623	.....	.....	.....	.....	.....	75884R-BA-0	REGENCY CENTERS LP 3.7% Due 6/15/2030 JD15	1GFE	19,981,332	19,617,623
.....	.....	.....	.....	15,850,000	14,484,700	.....	.....	.....	.....	.....	95000U-2M-4	WELLS FARGO & COMPANY SERIES MTN	2AFE	15,850,000	14,484,700
12776*GX9	CDX-NAIGS41 7-15	1E	100,000,000	37,412,804	30,923,896	10/03/2023	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	(545,679)	1,972,156	00913R-AE-6	AIR LIQUIDE FINANCE CO.GUARNT	1FFE	37,958,483	28,951,740
.....	.....	.....	.....	34,211,022	32,880,549	.....	.....	.....	.....	.....	78409V-BG-8	S&P GLOBAL INC SERIES WI	1GFE	34,211,022	32,880,549
.....	.....	.....	.....	29,084,762	28,876,774	.....	.....	.....	.....	.....	68233J-AH-7	ONCOR ELECTRIC DELIVERY SR SEC	1FFE	29,084,762	28,876,774
12776*HB6	CDX-NAHYS41 35-100	1A	99,969,231	86,577,489	56,045,465	10/05/2023	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAHYS41 35-100, REC. 5% FIXED RATE	9,904,804	13,407,743	02079K-AF-4	ALPHABET INC 2.05% Due 8/15/2050 FA15	1CFE	76,672,685	42,637,722
.....	.....	.....	.....	5,995,680	4,903,553	.....	.....	.....	.....	.....	485134-BR-0	KANSAS CITY POWER & LT MORTGAGE	1FFE	5,995,680	4,903,553
.....	.....	.....	.....	15,488,224	13,517,998	.....	.....	.....	.....	.....	87089H-AB-9	SWISS RE TREASURY -US CO.GUARNT	1FFE	15,488,224	13,517,998
12776*HD2	CDX-NAIGS41 7-15	1D	50,000,000	50,740,601	43,659,591	10/13/2023	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	(209,324)	986,078	00206R-MM-1	AT&T INC 2.55% Due 12/1/2033 JD1	2BFE	50,949,925	42,673,513
12776*HE0	CDX-NAIGS41 7-15	2B	100,000,000	98,731,295	86,442,962	10/17/2023	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	(377,741)	1,972,156	912810-RB-6	US TREASURY N/B United States Treasury No 2.87	1A	99,109,036	84,470,806
.....	.....	.....	.....	1,699,283	1,830,400	.....	.....	.....	.....	.....	26442C-AB-0	DUKE ENERGY CAROLINAS 1ST REF MORT	1FFE	1,699,283	1,830,400
12776*HF7	CDX-NAHYS41 35-100	1A	49,984,615	40,654,750	38,504,316	10/18/2023	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAHYS41 35-100, REC. 5% FIXED RATE	5,003,065	6,703,871	291011-BS-2	EMERSON ELECTRIC CO 2.8% Due 12/21/2051 JD21	1FFE	35,651,685	31,800,445
.....	.....	.....	.....	9,331,899	7,029,874	.....	.....	.....	.....	.....	31428X-DL-7	FEDEX CORP SERIES WI	2BFE	9,331,899	7,029,874
12776*HH3	CDX-NAHYS41 35-100	1A	99,969,231	39,578,640	43,956,657	10/19/2023	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAHYS41 35-100, REC. 5% FIXED RATE	9,958,797	13,407,743	02360F-AB-2	UNION ELECTRIC CO SR SEC	1FFE	29,619,843	30,548,914
.....	.....	.....	.....	19,953,623	21,134,462	.....	.....	.....	.....	.....	12189L-AA-9	BURLINGTN NORTH SANTA FE SR UNSEC	1FFE	19,953,623	21,134,462
.....	.....	.....	.....	19,944,423	22,348,216	.....	.....	.....	.....	.....	12189T-AX-2	BURLINGTN NORTH SANTA FE SR UNSEC	1FFE	19,944,423	22,348,216
.....	.....	.....	.....	19,931,460	17,002,449	.....	.....	.....	.....	.....	144141-DB-1	DUKE ENERGY PROGRESS LLC 1ST MORTG	1FFE	19,931,460	17,002,449
.....	.....	.....	.....	9,959,498	10,478,940	.....	.....	.....	.....	.....	760759-AN-0	REPUBLIC SERVICES INC SR UNSEC	1GFE	9,959,498	10,478,940
12776*HN0	CDX-NAIGS41 7-15	1D	100,000,000	100,224,430	100,416,914	10/20/2023	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	(734,404)	1,972,156	912810-QL-5	US TREASURY N/B United States Treasury No 4.25	1A	100,958,834	98,444,758
12776*HQ3	CDX-NAHYS41 35-100	1A	99,969,231	24,755,293	28,353,611	10/25/2023	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAHYS41 35-100, REC. 5% FIXED RATE	9,779,545	13,407,743	30161N-AQ-4	EXELON CORP SR UNSEC	2BFE	14,975,748	14,945,868
.....	.....	.....	.....	14,300,000	13,904,892	.....	.....	.....	.....	.....	50212Y-AF-1	LPL HOLDINGS INC SERIES 144A	2CFE	14,300,000	13,904,892
.....	.....	.....	.....	25,097,000	25,146,772	.....	.....	.....	.....	.....	92812U-7L-6	VIRGINIA ST HSG DEV AUTH CMWLT SERIES B	1AFE	25,097,000	25,146,772
.....	.....	.....	.....	18,166,850	17,288,505	.....	.....	.....	.....	.....	05565E-CB-9	BMW US CAPITAL LLC SERIES 144A	1FFE	18,166,850	17,288,505
.....	.....	.....	.....	18,758,613	18,092,715	.....	.....	.....	.....	.....	29444U-BU-9	EQUINIX INC 3.9% Due 4/15/2032 A015	2BFE	18,758,613	18,092,715
.....	.....	.....	.....	8,484,941	8,309,381	.....	.....	.....	.....	.....	00287Y-DW-6	ABBVIE INC 5.4% Due 3/15/2054 MS15	1GFE	8,484,941	8,309,381
12776*HR1	CDX-NAHYS41 35-100	1A	49,984,615	10,902,424	13,078,895	10/25/2023	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAHYS41 35-100, REC. 5% FIXED RATE	4,893,745	6,703,871	209111-EL-3	CON EDISON CO OF NY INC SR UNSEC	1GFE	6,008,679	6,375,024

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Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
				24,750,000	23,270,695						70213B-AC-5	PARTNERRE FINANCE B LLC HYB	2AFE	24,750,000	23,270,695
				19,234,615	20,120,887						606822-DH-4	MITSUBISHI UFJ FIN GRP 5.574% Due 1/16/2036 JJ16	1GFE	19,234,615	20,120,887
12776*JG3	CDX-NAIGS41 7-15	1E	50,000,000	10,552,966	11,798,417	04/12/2024	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	468,292	986,078	14448C-BD-5	CARRIER GLOBAL CORP SERIES WI	2AFE	10,084,674	10,812,339
				39,909,785	48,863,319						46115H-CF-2	INTESA SANPAOLO SPA SERIES 144A	1GFE	39,909,785	48,863,319
12776*JH1	CDX-NAHYS41 35-100	1*	49,984,615	19,858,838	21,357,965	04/15/2024	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAHYS41 35-100, REC. 5% FIXED RATE	5,758,838	6,703,871	87088Q-AA-2	SWISS RE SUB FIN PLC SERIES 144A	2AFE	14,100,000	14,654,094
				25,000,000	26,274,237						61747Y-FM-2	MORGAN STANLEY 5.942% Due 2/7/2039 FA7	2AFE	25,000,000	26,274,237
				3,201,289	2,922,295						38141G-VS-0	GOLDMAN SACHS GROUP INC SR UNSEC	2AFE	3,201,289	2,922,295
				7,636,583	8,178,520						797440-BK-9	SAN DIEGO G & E 1ST MORTG	1FFE	7,636,583	8,178,520
12776*JL2	CDX-NAIGS41 7-15	1E	50,000,000	26,704,469	25,725,403	04/15/2024	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	431,197	986,078	929160-AZ-2	VULCAN MATERIALS CO 3 1/2% Due 6/1/2030 JD1	2BFE	26,273,272	24,739,325
				20,000,000	17,939,076						976843-BJ-0	WISCONSIN PUBLIC SERVICE SR UNSEC	1FFE	20,000,000	17,939,076
				4,460,653	4,924,945						455434-BL-3	INDIANAPOLIS PWR & LIGHT 1ST MORTG	1GFE	4,460,653	4,924,945
12776*KJ5	CDX-NAIGS41 7-15	1D	50,000,000	50,438,519	38,067,969	08/01/2024	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	543,629	986,078	68389X-BW-4	ORACLE CORP 3.6% Due 4/1/2040 AO1	2BFE	49,894,890	37,081,891
12776*KK2	CDX-NAIGS41 7-15	1E	50,000,000	50,814,956	52,081,781	08/02/2024	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	490,616	986,078	91282C-KQ-3	US TREASURY NB 4 3/8% Due 5/15/2034 MN15	1A	50,324,340	51,095,703
12776*KL0	CDX-NAIGS41 7-15	1E	50,000,000	50,102,684	54,104,417	08/02/2024	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	461,722	986,078	913017-BJ-7	RTX CORP SR UNSEC	2AFE	49,640,962	53,118,339
12776*KN6	CDX-NAIGS41 7-15	1E	50,000,000	50,826,785	46,191,613	08/05/2024	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	343,978	986,078	09659T-2B-6	BNP PARIBAS SERIES 144A	2AFE	50,482,807	45,205,535
12776*KP1	CDX-NAIGS41 7-15	1E	50,000,000	14,370,467	10,193,516	08/05/2024	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	416,583	986,078	845437-BT-8	SOUTHWESTERN ELEC POWER 3 1/4% Due 11/1/2051 MN1	2AFE	13,953,884	9,207,438
				35,903,679	40,885,214						98385X-AQ-9	XTO ENERGY INC CO.GUARNT	1DFE	35,903,679	40,885,214
12776*KQ9	CDX-NAHYS41 35-100	1A	99,969,231	41,516,696	38,303,620	08/06/2024	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAHYS41 35-100, REC. 5% FIXED RATE	11,784,448	13,407,743	50247V-AC-3	LYB INTL FINANCE BV CO.GUARNT	2BFE	29,732,248	24,895,877
				52,851,212	46,608,477						53079E-BF-0	LIBERTY MUTUAL GROUP INC CO.GUARNT	2BFE	52,851,212	46,608,477
				16,969,231	15,508,176						438127-AC-6	HONDA MOTOR CO LTD 2.967% Due 3/10/2032 MS10	1GFE	16,969,231	15,508,176
12776*KR7	CDX-NAIGS41 7-15	1E	50,000,000	27,325,413	26,431,837	08/06/2024	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	432,181	986,078	22966R-AF-3	CUBESMART LP 3% Due 2/15/2030 FA15	2BFE	26,893,232	25,445,759
				22,907,942	24,319,723						29286D-AB-1	ENGIE SA SERIES 144A	2AFE	22,907,942	24,319,723
12776*KS5	CDX-NAIGS41 7-15	1E	50,000,000	50,217,378	47,650,203	08/07/2024	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	466,554	986,078	446150-AS-3	HUNTINGTON BANCSHARES 2.55% Due 2/4/2030 FA4	2AFE	49,750,824	46,664,125
12776*KT3	CDX-NAHYS41 35-100	1A	49,984,615	55,413,289	34,446,683	08/07/2024	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAHYS41 35-100, REC. 5% FIXED RATE	5,910,760	6,703,871	037833-EA-4	APPLE INC 2.55% Due 8/20/2060 FA20	1BFE	49,502,529	27,742,812
12776*KU0	CDX-NAHYS41 35-100	1A	49,984,615	55,637,108	54,889,004	08/07/2024	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAHYS41 35-100, REC. 5% FIXED RATE	5,897,411	6,703,871	89787E-AA-9	TRUSTAGE FINANCIAL GROUP SERIES 144A	2BFE	49,739,697	48,185,133
12776*KV8	CDX-NAIGS41 7-15	1E	50,000,000	52,054,415	48,709,521	08/07/2024	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	442,681	986,078	174610-AT-2	CITIZENS FINANCIAL GROUP 3 1/4% Due 4/30/2030 AO30	2AFE	51,611,734	47,723,443
12776*KW6	CDX-NAIGS41 7-15	1E	50,000,000	50,152,619	44,000,886	08/12/2024	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	492,792	986,078	03523T-BT-4	ANHEUSER-BUSCH INBEV WOR CO.GUARNT	1GFE	49,659,827	43,014,808
12776*KX4	CDX-NAIGS41 7-15	1E	50,000,000	50,483,387	45,853,542	08/12/2024	12/20/2028	CREDIT DEFAULT SWAP ON CDX-NAIGS41 7-15, REC. 1% FIXED RATE	483,387	986,078	05578Q-AF-0	BPCE SA SERIES 144A	2BFE	50,000,000	44,867,464
12776*KY2	CDX-NAIGS43 7-15	1E	100,000,000	63,951,594	40,455,555	09/26/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	1,234,487	1,839,656	191216-CX-6	COCA COLA CO THE 2.6% Due 6/1/2050 JD1	1EFE	62,717,107	38,615,899
				37,700,000	27,983,320						03939A-AA-5	ARCH CAPITAL GROUP LTD 3.635% Due 6/30/2050 JD30	1GFE	37,700,000	27,983,320
12776*KZ9	CDX-NAIGS43 7-15	1E	100,000,000	36,801,585	27,983,100	09/26/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	1,232,965	1,839,656	416515-BF-0	HARTFORD INSURANCE GROUP INC/T Hartford Financial Servic 3.6	1GFE	35,568,620	26,143,444
				29,862,778	25,996,788						278062-AE-4	EATON CORP CO.GUARNT	1GFE	29,862,778	25,996,788
				33,537,532	33,431,906						594918-CW-2	MICROSOFT CORP 2 1/2% Due 9/15/2050 MS15	1AFE	33,537,532	33,431,906

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Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
12776*LA3	CDX-NAIGS43 7-15	1E	100,000,000	51,234,487	47,257,100	09/26/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	1,234,487	1,839,656	404280-CY-3	HSBC HOLDINGS PLC 2.871% Due 11/22/2032 MN22	1GFE	50,000,000	45,417,444
				4,973,100	3,705,944						64952G-AT-5	NEW YORK LIFE INSURANCE SERIES 144A	1DFE	4,973,100	3,705,944
				44,849,853	29,418,851						863667-AZ-4	STRYKER CORP 2.9% Due 6/15/2050 JD15	2AFE	44,849,853	29,418,851
12776*LB1	CDX-NAIGS43 7-15	1E	100,000,000	51,016,673	47,386,289	09/27/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	1,224,464	1,839,656	74251V-AS-1	PRINCIPAL FINANCIAL GRP 2 1/8% Due 6/15/2030 JD15	1GFE	49,792,209	45,546,633
				49,819,774	38,439,339						03040W-AR-6	AMERICAN WATER CAPITAL C SR UNSEC	2AFE	49,819,774	38,439,339
12776*LC9	CDX-NAIGS43 7-15	1E	100,000,000	51,224,464	47,344,230	09/27/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	1,224,464	1,839,656	60687Y-BH-1	MIZUHO FINANCIAL GROUP VAR % Due 7/10/2031 JJ0	1GFE	50,000,000	45,504,574
				49,437,648	36,896,855						82620K-AM-5	SIEMENS FINANCIERINGSMAT CO.GUARNT	1DFE	49,437,648	36,896,855
12776*LD7	CDX-NAIGS43 7-15	1E	100,000,000	55,210,924	38,936,800	09/27/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	1,224,464	1,839,656	04621W-AE-0	ASSURED GUARANTY US HLDG 3.6% Due 9/15/2051 MS15	2AFE	53,986,460	37,097,144
				47,190,906	39,880,425						744560-AZ-9	PUBLIC SERVICE ELECTRIC 1ST REF MORT	1FFE	47,190,906	39,880,425
12776*LE5	CDX-NAIGS43 7-15	1E	100,000,000	51,563,043	47,548,024	09/27/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	1,213,043	1,839,656	606822-BU-7	MITSUBISHI UFJ FIN GRP 2.048% Due 7/17/2030 JJ17	1GFE	50,350,000	45,708,368
				49,563,908	45,413,429						665859-AV-6	NORTHERN TRUST CORP 1.95% Due 5/1/2030 MN1	1EFE	49,563,908	45,413,429
12776*LF2	CDX-NAIGS43 7-15	1E	100,000,000	31,195,522	29,794,108	09/27/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	1,202,382	1,839,656	084664-DA-6	BERKSHIRE HATHAWAY FIN 2 7/8% Due 3/15/2032 MS15	1CFE	29,993,140	27,954,452
				54,536,386	39,622,741						58933Y-BA-2	MERCK & CO INC 2.35% Due 6/24/2040 JD24	1EFE	54,536,386	39,622,741
				14,879,143	13,328,318						928563-AL-9	VMWARE INC 2.2% Due 8/15/2031 FA15	2AFE	14,879,143	13,328,318
12776*LG0	CDX-NAIGS43 7-15	1E	75,000,000	48,485,654	45,619,608	09/30/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	902,039	1,379,742	09659W-2K-9	BNP PARIBAS SERIES 144A	1GFE	47,583,615	44,239,866
				24,893,734	16,688,338						05523R-AE-7	BAE SYSTEMS PLC SERIES 144A	1GFE	24,893,734	16,688,338
				2,385,309	2,407,345						14448C-AS-3	CARRIER GLOBAL CORP 3.577% Due 4/5/2050 AO5	2AFE	2,385,309	2,407,345
12776*NY9	CDX-NAIGS43 7-15	1E	50,000,000	50,708,905	45,882,880	09/30/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	601,359	919,828	052528-AM-8	AUST & NZ BANKING GROUP SERIES 144A	1GFE	50,107,546	44,963,052
12776*LH8	CDX-NAIGS43 7-15	1E	75,000,000	36,893,334	32,832,208	09/30/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	899,751	1,379,742	244199-BF-1	DEERE & COMPANY SR UNSEC	1FFE	35,993,583	31,452,466
				38,312,802	34,149,817						928563-AL-9	VMWARE INC 2.2% Due 8/15/2031 FA15	2AFE	38,312,802	34,149,817
12776*LJ4	CDX-NAIGS43 7-15	1E	100,000,000	50,934,020	53,459,293	10/01/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	1,192,657	1,839,656	002824-AY-6	ABBOTT LABORATORIES SR UNSEC	1DFE	49,741,363	51,619,637
				51,192,940	34,289,671						040555-DB-7	ARIZONA PUBLIC SERVICE 3.35% Due 5/15/2050 MN15	2AFE	51,192,940	34,289,671
12776*LK1	CDX-NAIGS43 7-15	1E	100,000,000	82,077,431	52,240,488	10/01/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	1,179,685	1,839,656	594918-CC-6	MICROSOFT CORP 2.525% Due 6/1/2050 JD1	1AFE	80,897,746	50,400,832
				18,022,569	19,470,844						857477-CG-6	STATE STREET CORP 6.123% Due 11/21/2034 MN21	1FFE	18,022,569	19,470,844
12776*LL9	CDX-NAIGS43 7-15	1E	75,000,000	69,144,584	43,670,301	10/01/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	867,593	1,379,742	037833-DW-7	APPLE INC 2.65% Due 5/11/2050 MN11	1BFE	68,276,991	42,290,559
				7,341,149	6,924,311						361448-AU-7	GATX CORP SR UNSEC	2BFE	7,341,149	6,924,311
12776*LM7	CDX-NAIGS43 7-15	1E	50,000,000	50,424,332	51,436,881	10/01/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	557,026	919,828	26442C-AH-7	DUKE ENERGY CAROLINAS 1ST MORTG	1FFE	49,867,306	50,517,053
12776*NZ6	CDX-NAIGS43 7-15	1E	100,000,000	61,175,527	47,208,645	10/02/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	1,109,281	1,839,656	931142-EU-3	WALMART INC 2 1/2% Due 9/22/2041 MS22	1CFE	60,066,246	45,368,989
				38,919,818	30,166,518						95000U-2Q-5	WELLS FARGO & COMPANY VAR % Due 4/30/2041 A030	2AFE	38,919,818	30,166,518
12776*LN5	CDX-NAIGS43 7-15	1E	100,000,000	47,516,876	39,993,053	10/02/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	1,096,299	1,839,656	02361D-AQ-3	AMEREN ILLINOIS CO SR SEC	1FFE	46,420,577	38,153,397
				21,085,477	18,064,152						049560-AL-9	ATMOS ENERGY CORP SR UNSEC	1FFE	21,085,477	18,064,152
				30,328,593	31,743,188						745332-CA-2	PUGET SOUND ENERGY INC SR SEC	1FFE	30,328,593	31,743,188

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Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
.....	.....	.....	.....	2,131,633	2,289,513	.....	.....	.....	.....	.....	708696-BV-0	PENNSYLVANIA ELECTRIC CO SR UNSEC	1GFE	2,131,633	2,289,513
12776*LP0	CDX-NAHYS43 35-100	1E	100,000,000	65,776,588	56,489,287	10/03/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	15,456,570	16,901,361	539830-BN-8	LOCKHEED MARTIN CORP SR UNSEC	1FFE	50,320,018	39,587,926
.....	.....	.....	.....	44,940,028	47,258,491	.....	.....	.....	.....	.....	341081-ES-2	FLORIDA POWER & LIGHT CO 1ST MORTG	1EFE	44,940,028	47,258,491
.....	.....	.....	.....	5,049,000	5,048,987	.....	.....	.....	.....	.....	617446-8N-2	MORGAN STANLEY VAR % Due 3/24/2051 MS24	1GFE	5,049,000	5,048,987
12776*LQ8	CDX-NAHYS43 35-100	1E	100,000,000	53,118,335	50,310,435	10/03/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	15,456,570	16,901,361	837004-CF-5	DOMINION ENERGY SOUTH 1ST MORTG	1FFE	37,661,765	33,409,074
.....	.....	.....	.....	39,148,639	32,270,128	.....	.....	.....	.....	.....	913017-CA-5	RTX CORP SR UNSEC	2AFE	39,148,639	32,270,128
.....	.....	.....	.....	22,382,762	18,888,876	.....	.....	.....	.....	.....	95709T-AH-3	WESTAR ENERGY INC 1ST MORTG	1FFE	22,382,762	18,888,876
12776*LR6	CDX-NAHYS43 35-100	1A	50,000,000	59,795,862	54,211,074	10/03/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	7,728,285	8,450,681	585055-BU-9	MEDTRONIC INC CO.GUARNT	1GFE	52,067,577	45,760,393
12776*LS4	CDX-NAHYS43 35-100	1A	200,000,000	66,355,224	70,862,094	10/04/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	30,924,863	33,802,722	010392-EE-4	ALABAMA POWER CO SR UNSEC	1FFE	35,430,361	37,059,372
.....	.....	.....	.....	47,610,589	49,410,073	.....	.....	.....	.....	.....	020002-AQ-4	ALLSTATE CORP SR UNSEC	2AFE	47,610,589	49,410,073
.....	.....	.....	.....	17,443,817	14,574,230	.....	.....	.....	.....	.....	23338V-AA-4	DTE ELECTRIC CO GENL REF MORT	1FFE	17,443,817	14,574,230
.....	.....	.....	.....	42,952,746	34,195,019	.....	.....	.....	.....	.....	423012-AG-8	HEINEKEN NV SR UNSEC	2AFE	42,952,746	34,195,019
.....	.....	.....	.....	34,993,650	36,895,384	.....	.....	.....	.....	.....	478160-AL-8	JOHNSON & JOHNSON SR UNSEC	1AFE	34,993,650	36,895,384
.....	.....	.....	.....	24,235,303	18,403,021	.....	.....	.....	.....	.....	68233J-BB-9	ONCOR ELECTRIC DELIVERY SR SEC	1FFE	24,235,303	18,403,021
12776*LT2	CDX-NAHYS43 35-100	1A	125,000,000	39,340,983	42,084,263	10/07/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	19,364,163	21,126,702	20030N-AF-8	COMCAST CORP CO.GUARNT	1GFE	19,976,820	20,957,561
.....	.....	.....	.....	12,999,046	13,812,553	.....	.....	.....	.....	.....	209111-EL-3	CON EDISON CO OF NY INC SR UNSEC	1GFE	12,999,046	13,812,553
.....	.....	.....	.....	33,235,499	36,841,510	.....	.....	.....	.....	.....	263901-AB-6	DUKE ENERGY INDIANA LLC 1ST MORTG	1FFE	33,235,499	36,841,510
.....	.....	.....	.....	37,411,392	29,525,321	.....	.....	.....	.....	.....	744448-CG-4	PUBLIC SERVICE COLORADO 1ST MORTG	1FFE	37,411,392	29,525,321
.....	.....	.....	.....	21,085,915	21,673,199	.....	.....	.....	.....	.....	842400-FL-2	SOUTHERN CAL EDISON 1ST REF MORT	2AFE	21,085,915	21,673,199
12776*LU9	CDX-NAHYS43 35-100	1A	100,000,000	65,640,503	72,000,479	10/07/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	15,434,936	16,901,361	136375-BL-5	CANADIAN NATL RAILWAY SR UNSEC	1FFE	50,205,567	55,099,118
.....	.....	.....	.....	49,873,215	53,778,716	.....	.....	.....	.....	.....	837004-CB-4	DOMINION ENERGY SOUTH 1ST MORTG	1FFE	49,873,215	53,778,716
12776*LV7	CDX-NAHYS43 35-100	1A	200,000,000	62,715,636	69,233,329	10/07/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	30,794,672	33,802,722	136375-BN-1	CANADIAN NATL RAILWAY SR UNSEC	1FFE	31,920,964	35,430,607
.....	.....	.....	.....	32,384,906	31,006,816	.....	.....	.....	.....	.....	20030N-BM-2	COMCAST CORP CO.GUARNT	1GFE	32,384,906	31,006,816
.....	.....	.....	.....	32,084,047	27,369,450	.....	.....	.....	.....	.....	209111-FB-4	CON EDISON CO OF NY INC SR UNSEC	1GFE	32,084,047	27,369,450
.....	.....	.....	.....	33,250,527	21,744,783	.....	.....	.....	.....	.....	30036F-AA-9	EVERGY KANSAS CENTRAL 3.45% Due 4/15/2050 A015	1FFE	33,250,527	21,744,783
.....	.....	.....	.....	31,562,382	24,440,772	.....	.....	.....	.....	.....	89417E-AL-3	TRAVELERS COS INC SR UNSEC	1FFE	31,562,382	24,440,772
.....	.....	.....	.....	31,889,803	30,134,952	.....	.....	.....	.....	.....	902613-AA-6	UBS GROUP AG SR UNSEC	1FFE	31,889,803	30,134,952
.....	.....	.....	.....	10,093,350	7,522,059	.....	.....	.....	.....	.....	911312-AZ-9	UNITED PARCEL SERVICE SR UNSEC	1FFE	10,093,350	7,522,059
12776*LW5	CDX-NAIGS43 7-15	1E	100,000,000	48,543,799	54,734,921	10/08/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	1,189,323	1,839,656	478160-AN-4	JOHNSON & JOHNSON SR UNSEC	1AFE	47,354,476	52,895,265
.....	.....	.....	.....	45,337,302	47,871,891	.....	.....	.....	.....	.....	64952G-AE-8	NEW YORK LIFE INSURANCE SUBORD	1DFE	45,337,302	47,871,891
.....	.....	.....	.....	7,354,979	7,823,029	.....	.....	.....	.....	.....	68233J-CS-1	ONCOR ELECTRIC DELIVERY 5.65% Due 11/15/2033 MN15	1FFE	7,354,979	7,823,029
12776*LX3	CDX-NAIGS43 7-15	1E	100,000,000	41,185,812	35,247,194	10/08/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	1,189,323	1,839,656	68389X-BH-7	ORACLE CORP SR UNSEC	2BFE	39,996,489	33,407,538
.....	.....	.....	.....	34,942,233	34,439,205	.....	.....	.....	.....	.....	842434-CJ-9	SOUTHERN CALIF GAS CO 1ST MORTG	1FFE	34,942,233	34,439,205
.....	.....	.....	.....	24,860,182	25,385,709	.....	.....	.....	.....	.....	87305Q-CB-5	TTX CO SR UNSEC	1FFE	24,860,182	25,385,709
12776*LY1	CDX-NAIGS43 7-15	1E	200,000,000	52,202,177	43,559,153	10/08/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	2,325,035	3,679,312	15189X-AM-0	CENTERPOINT ENER HOUSTON GENL REF MORT	1FFE	49,877,142	39,879,841
.....	.....	.....	.....	49,602,470	43,632,051	.....	.....	.....	.....	.....	25468P-CR-5	TWDC ENTERPRISES 18 CORP SR UNSEC	1FFE	49,602,470	43,632,051
.....	.....	.....	.....	50,287,228	39,165,041	.....	.....	.....	.....	.....	438516-BS-4	HONEYWELL INTERNATIONAL SR UNSEC	1FFE	50,287,228	39,165,041
.....	.....	.....	.....	49,936,294	45,273,944	.....	.....	.....	.....	.....	68233J-AT-1	ONCOR ELECTRIC DELIVERY SR SEC	1FFE	49,936,294	45,273,944
12776*LZ8	CDX-NAIGS43 7-15	1E	100,000,000	34,270,504	31,580,250	10/15/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	1,270,504	1,839,656	61744Y-AL-2	MORGAN STANLEY SR UNSEC	1GFE	33,000,000	29,740,594
.....	.....	.....	.....	67,000,000	49,369,324	.....	.....	.....	.....	.....	05578Q-AG-8	BPCE SA SERIES 144A	2BFE	67,000,000	49,369,324
12776*MA2	CDX-NAIGS43 7-15	1E	100,000,000	28,807,104	19,504,461	10/16/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	1,272,702	1,839,656	15189X-AU-2	CENTERPOINT ENER HOUSTON SERIES AD	1FFE	27,534,402	17,664,805

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Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
				30,000,000	30,456,777						073952-AB-9	BEACON FUNDING TRUST SERIES 144A	2BFE	30,000,000	30,456,777
				27,442,783	22,545,676						66989H-AF-5	NOVARTIS CAPITAL CORP CO.GUARNT	1DFE	27,442,783	22,545,676
				15,840,069	12,515,978						89417E-AM-1	TRAVELERS COS INC SR UNSEC	1FFE	15,840,069	12,515,978
12776*MB0	CDX-NAIGS43 7-15	1E	100,000,000	33,951,739	36,409,086	10/16/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	1,272,702	1,839,656	020002-AS-0	ALLSTATE CORP SR UNSEC	2AFE	32,679,037	34,569,430
				34,688,481	27,185,537						23338V-AE-6	DTE ELECTRIC CO GENL REF MORT	1EFE	34,688,481	27,185,537
				32,250,000	30,360,888						33834D-AA-2	FIVE CORNERS FND TR II SERIES 144A	1GFE	32,250,000	30,360,888
12776*MC8	CDX-NAIGS43 7-15	1E	100,000,000	30,617,184	31,364,711	10/17/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	1,273,364	1,839,656	837004-CD-0	DOMINION ENERGY SOUTH 1ST MORTG	1FFE	29,343,820	29,525,055
				23,161,722	23,671,909						716973-AG-7	PFIZER INVESTMENT ENTER 5.3% Due 5/19/2053 MN19	1FFE	23,161,722	23,671,909
				25,582,067	22,676,835						682680-BV-4	ONEOK INC 5.15% Due 10/15/2043 AO15	2BFE	25,582,067	22,676,835
				20,969,093	20,836,393						929089-AH-3	VOYA FINANCIAL INC 5% Due 9/20/2034 MS20	2AFE	20,969,093	20,836,393
12776*MD6	CDX-NAIGS43 7-15	1E	100,000,000	16,210,745	18,007,879	10/22/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	1,213,432	1,839,656	59022C-AJ-2	BANK OF AMERICA CORP SUBORD	2AFE	14,997,313	16,168,223
				44,478,409	41,508,549						87971M-BW-2	TELUS CORP 3.4% Due 5/13/2032 MN13	2BFE	44,478,409	41,508,549
				39,948,843	37,280,273						89114T-ZV-7	TORONTO DOMINION BANK SERIES MTN	1FFE	39,948,843	37,280,273
12776*ME4	CDX-NAIGS43 7-15	1E	75,000,000	45,337,841	41,584,469	10/22/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	910,074	1,379,742	55607P-AG-0	MACQUARIE GROUP LTD SERIES 144A	1FFE	44,427,767	40,204,727
				30,767,615	27,865,834						83368R-BD-3	SOCIETE GENERALE SERIES 144A	2BFE	30,767,615	27,865,834
12776*MF1	CDX-NAHYS43 35-100	1A	100,000,000	50,230,691	48,250,662	10/23/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	15,444,518	16,901,361	084423-AT-9	BERKLEY -WR CORP SR UNSEC	2AFE	34,786,173	31,349,301
				39,556,821	35,109,334						29379V-AY-9	ENTERPRISE PRODUCTS OPER CO.GUARNT	1GFE	39,556,821	35,109,334
				25,043,906	22,128,016						907818-DU-9	UNION PACIFIC CORP SR UNSEC	1GFE	25,043,906	22,128,016
12776*MG9	CDX-NAHYS43 35-100	1A	100,000,000	57,224,967	40,779,325	10/23/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	15,444,518	16,901,361	74456Q-CE-4	PUBLIC SERVICE ELECTRIC SERIES MTN	1FFE	41,780,449	23,877,964
				35,991,659	28,255,613						87938W-AV-5	TELEFONICA EMISIONES SAU 4.665% Due 3/6/2038 MS6	2CFE	35,991,659	28,255,613
				24,697,278	23,457,231						74977R-DP-6	COOPERATIEVE RABOBANK UA SERIES 144A	1GFE	24,697,278	23,457,231
12776*MH7	CDX-NAHYS43 35-100	1A	65,000,000	32,983,181	36,170,111	10/31/2024	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	10,026,230	10,985,885	79588T-AF-7	SAMMONS FINANCIAL GROUP SERIES 144A	2AFE	22,956,951	25,184,226
				19,993,509	20,509,455						737679-CY-4	POTOMAC ELECTRIC POWER 1ST MORTG	1FFE	19,993,509	20,509,455
				21,981,601	25,124,783						46115H-CD-7	INTESA SANPAOLO SPA SERIES 144A	1GFE	21,981,601	25,124,783
12776*QT7	CDX-NAIGS43 7-15	1E	10,000,000	7,920,659	8,494,765	01/10/2025	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	120,659	183,966	05581K-AG-6	BNP PARIBAS SERIES 144A	1EFE	7,800,000	8,310,799
				2,207,844	2,334,036						05526D-BY-0	BAT CAPITAL CORP 5.834% Due 2/20/2031 FA20	2AFE	2,207,844	2,334,036
12776*PM3	CDX-NAHYS43 35-100	1A	50,000,000	48,279,084	48,247,556	03/04/2025	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	7,820,829	8,450,681	912810-UJ-5	US TREASURY N B 4 3/4% Due 2/15/2045 FA15	1A	40,458,255	39,796,875
				9,964,072	9,866,820						375558-CD-3	GILEAD SCIENCES INC 5 1/2% Due 11/15/2054 MN15	1GFE	9,964,072	9,866,820
12776*PN1	CDX-NAHYS43 35-100	1A	50,000,000	58,390,200	58,196,775	03/04/2025	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	7,809,768	8,450,681	912810-UJ-5	US TREASURY N B 4 3/4% Due 2/15/2045 FA15	1A	50,580,432	49,746,094
12776*PP6	CDX-NAHYS43 35-100	1A	100,000,000	116,630,537	116,393,549	03/04/2025	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	15,610,525	16,901,361	912810-UJ-5	US TREASURY N B 4 3/4% Due 2/15/2045 FA15	1A	101,020,012	99,492,188
12776*PQ4	CDX-NAHYS43 35-100	1A	50,000,000	58,650,208	58,196,775	03/04/2025	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	7,803,214	8,450,681	912810-UJ-5	US TREASURY N B 4 3/4% Due 2/15/2045 FA15	1A	50,846,994	49,746,094
12776*PR2	CDX-NAHYS43 35-100	1A	100,000,000	114,670,851	95,776,245	03/07/2025	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	15,521,302	16,901,361	655844-BX-5	NORFOLK SOUTHERN CORP SR UNSEC	2AFE	99,149,549	78,874,884
12776*PS0	CDX-NAHYS43 35-100	1A	100,000,000	44,198,938	48,490,206	03/10/2025	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	15,538,664	16,901,361	039483-AT-9	ARCHER DANIELS SR UNSEC	1FFE	28,660,274	31,588,845
				16,183,546	14,528,949						46647P-AJ-5	JPMORGAN CHASE & CO SR UNSEC	1FFE	16,183,546	14,528,949
				14,015,933	22,727,791						744320-AH-8	PRUDENTIAL FINANCIAL INC SR UNSEC	1GFE	14,015,933	22,727,791

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Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
				17,656,068	14,672,677						74432Q-CE-3	PRUDENTIAL FINANCIAL INC SR UNSEC	1GFE	17,656,068	14,672,677
				15,070,740	11,926,798						744560-BQ-8	PUBLIC SERVICE ELECTRIC 1ST MORTG	1FFE	15,070,740	11,926,798
12776*PT8	CDX-NAHYS43 35-100	1A	100,000,000	116,615,396	99,600,580	03/10/2025	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	15,463,817	16,901,361	912810-QT-8	US TREASURY N/B United States Treasury No 3.12	1A	101,151,579	82,699,219
12776* PU5	CDX-NAHYS43 35-100	1A	100,000,000	30,390,431	34,234,969	03/11/2025	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	15,417,993	16,901,361	149123-BK-6	CATERPILLAR INC SR UNSEC	1FFE	14,972,438	17,333,608
				16,287,694	18,099,352						149123-BN-0	CATERPILLAR INC SR UNSEC	1FFE	16,287,694	18,099,352
				34,654,010	37,662,130						171232-AQ-4	CHUBB CORP CO.GUARNT	1FFE	34,654,010	37,662,130
				19,947,118	21,305,942						89352H-AD-1	TRANSCANADA PIPELINES SR UNSEC	2BFE	19,947,118	21,305,942
				14,074,337	15,785,503						532457-AP-3	ELI LILLY & CO SR UNSEC	1EFE	14,074,337	15,785,503
12776*PV3	CDX-NAHYS43 35-100	1A	50,000,000	24,691,255	26,970,254	03/12/2025	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	7,738,354	8,450,681	250847-DU-1	DTE ELECTRIC CO SR SEC	1FFE	16,952,901	18,519,573
				20,447,078	22,962,045						882389-CC-1	TEXAS EASTERN TRANSMISSI SR UNSEC	2AFE	20,447,078	22,962,045
				12,694,749	13,824,203						136375-BL-5	CANADIAN NATL RAILWAY SR UNSEC	1FFE	12,694,749	13,824,203
12776*PW1	CDX-NAHYS43 35-100	1A	100,000,000	59,307,751	43,868,039	03/13/2025	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	15,452,263	16,901,361	009158-BA-3	AIR PRODUCTS & CHEMICALS 2.8% Due 5/15/2050 MN15	1FFE	43,855,488	26,966,678
				11,902,411	13,329,815						89417E-AD-1	TRAVELERS COS INC SR UNSEC	1FFE	11,902,411	13,329,815
				45,999,269	45,418,184						912810-UJ-5	US TREASURY N B 4 3/4% Due 2/15/2045 FA15	1A	45,999,269	45,418,184
TBD	CDX-NAHYS43 35-100	1*	50,000,000	58,206,030	58,196,775	03/13/2025	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	7,724,483	8,450,681	912810-UJ-5	US TREASURY N B 4 3/4% Due 2/15/2045 FA15	1A	50,481,547	49,746,094
12776*PY7	CDX-NAHYS43 35-100	1A	50,000,000	33,456,667	34,748,679	03/13/2025	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	7,731,076	8,450,681	89788M-AS-1	TRUIST FINANCIAL CORP SERIES MTN	1GFE	25,725,591	26,297,998
				24,871,463	19,099,206						202795-JJ-0	COMMONWEALTH EDISON CO 1ST MORTG	1FFE	24,871,463	19,099,206
12776*PZ4	CDX-NAHYS43 35-100	1A	100,000,000	55,203,615	42,482,305	03/14/2025	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	15,473,964	16,901,361	745332-CK-0	PUGET SOUND ENERGY INC 2.893% Due 9/15/2051 MS15	1FFE	39,729,651	25,580,944
				60,381,247	59,364,999						912810-UJ-5	US TREASURY N B 4 3/4% Due 2/15/2045 FA15	1A	60,381,247	59,364,999
TBD	CDX-NAHYS43 35-100	1*	100,000,000	65,355,493	63,208,002	03/28/2025	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	15,515,601	16,901,361	912810-QK-7	US TREASURY N/B United States Treasury No 3.87	1A	49,839,892	46,306,641
				49,540,632	47,759,766						912810-QL-5	US TREASURY N/B United States Treasury No 4.25	1A	49,540,632	47,759,766
				521,558	516,776						244199-BM-6	DEERE & COMPANY 5.7% Due 1/19/2055 JJ19	1EFE	521,558	516,776
12776*SH1	CDX-NAHYS43 35-100	1*	100,000,000	48,661,052	54,226,796	03/28/2025	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	15,444,914	16,901,361	136385-AC-5	CANADIAN NATL RESOURCES SR UNSEC	2AFE	33,216,138	37,325,435
				16,695,403	19,230,609						195869-AG-7	COLONIAL PIPELINE CO SR UNSEC	2CFE	16,695,403	19,230,609
				16,430,009	17,620,932						461070-AG-9	INTERSTATE POWER & LIGHT SR UNSEC	2AFE	16,430,009	17,620,932
				14,952,538	14,976,799						695114-BZ-0	PACIFICORP 1ST MORTG	2AFE	14,952,538	14,976,799
				18,510,158	18,139,814						912810-UJ-5	US TREASURY N B 4 3/4% Due 2/15/2045 FA15	1A	18,510,158	18,139,814
12776*SJ7	CDX-NAHYS43 35-100	1*	100,000,000	55,142,807	49,975,620	04/03/2025	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	15,137,776	16,901,361	210518-CU-8	CONSUMERS ENERGY CO 1ST MORTG	1FFE	40,005,031	33,074,259
				20,000,000	16,520,780						668074-AU-1	NORTHWESTERN CORP 1ST MORTG	1GFE	20,000,000	16,520,780
				40,115,239	37,027,236						79588T-AD-2	SAMMONS FINANCIAL GROUP SERIES 144A	2AFE	40,115,239	37,027,236
12776*SK4	CDX-NAHYS43 35-100	1*	50,000,000	29,076,926	32,953,657	04/03/2025	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAHYS43 35-100, REC. 5% FIXED RATE	7,560,536	8,450,681	25156P-AC-7	DEUTSCHE TELEKOM INT FIN CO.GUARNT	2AFE	21,516,390	24,502,976
				17,592,994	16,816,801						56033A-AA-8	MAIMONIDES MEDICAL CENTE MORTGAGE BACKED	1BFE	17,592,994	16,816,801
				10,640,478	10,635,828						797440-BL-7	SAN DIEGO G & E 1ST MORTG	1FFE	10,640,478	10,635,828
				960,000	1,001,151						05571A-AY-1	BPCE SA SERIES 144A	2AFE	960,000	1,001,151
12776*SL2	CDX-NAIGS43 7-15	1*	50,000,000	49,530,797	30,811,378	04/07/2025	12/20/2029	CREDIT DEFAULT SWAP ON CDX-NAIGS43 7-15, REC. 1% FIXED RATE	919,828		45866F-AQ-7	INTERCONTINENTALEXCHANGE 3% Due 9/15/2060 MS15	1GFE	49,530,797	29,891,550
				665,278	538,021						682680-BU-6	ONEOK INC 4.2% Due 12/1/2042 JD1	2BFE	665,278	538,021
TBD	CDX-NAIGS45 7-15	1*	200,000,000	18,436,795	19,668,132	09/29/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAIGS45 7-15, REC. 1% FIXED RATE	2,905,509	2,712,186	12189Q-AB-6	BURLINGTN NORTH SANTA FE SR UNSEC	1FFE	15,531,286	16,955,946
				14,969,065	16,562,500						263901-AA-8	DUKE ENERGY INDIANA LLC 1ST MORTG	1FFE	14,969,065	16,562,500

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Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
				19,930,974	20,212,829						45138L-AP-8	IDAHO POWER CO 1ST MORTG	1FFE	19,930,974	20,212,829
				19,925,164	21,628,143						571748-AK-8	MARSH & MCLENNAN COS INC SR UNSEC	1GFE	19,925,164	21,628,143
				19,960,688	22,030,170						665772-CB-3	NORTHERN STATES PWR-MINN 1ST MORTG	1FFE	19,960,688	22,030,170
				19,885,890	20,832,025						67021C-AC-1	NSTAR ELECTRIC CO SR UNSEC	1FFE	19,885,890	20,832,025
				19,996,758	22,241,959						69351U-AH-6	PPL ELECTRIC UTILITIES 1ST MORTG	1EFE	19,996,758	22,241,959
				6,978,587	7,790,585						837004-BV-1	DOMINION ENERGY SOUTH 1ST MORTG	1FFE	6,978,587	7,790,585
				49,839,796	41,142,578						912810-QU-5	US TREASURY N/B United States Treasury No 3.12	1A	49,839,796	41,142,578
				12,940,186	10,490,823						03040W-AV-7	AMERICAN WATER CAPITAL C SR UNSEC	2AFE	12,940,186	10,490,823
TBD	CDX-NAIGS45 7-15	1*	200,000,000	12,712,152	11,398,141	09/29/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAIGS45 7-15, REC. 1% FIXED RATE	2,867,418	2,712,186	92857W-BS-8	VODAFONE GROUP PLC SR UNSEC	2BFE	9,844,734	8,685,955
				30,111,078	26,241,366						94106L-BC-2	WASTE MANAGEMENT INC CO.GUARNT	1GFE	30,111,078	26,241,366
				31,381,218	23,749,511						94106L-BR-9	WASTE MANAGEMENT INC 2.95% Due 6/1/2041 JD1	1GFE	31,381,218	23,749,511
				31,179,731	30,762,374						036752-BL-6	ELEVANCE HEALTH INC 5.7% Due 9/15/2055 MS15	2AFE	31,179,731	30,762,374
				14,987,011	15,770,696						341081-FC-6	FLORIDA POWER & LIGHT CO 1ST MORTG	1EFE	14,987,011	15,770,696
				20,105,578	21,604,701						450319-AA-6	ITC MIDWEST LLC 1ST MORTG	1EFE	20,105,578	21,604,701
				5,325,309	5,238,647						478160-AV-6	JOHNSON & JOHNSON SR UNSEC	1AFE	5,325,309	5,238,647
				14,946,860	16,206,366						532457-BA-5	ELI LILLY & CO SR UNSEC	1EFE	14,946,860	16,206,366
				14,953,521	16,582,395						743315-AL-7	PROGRESSIVE CORP SR UNSEC	1FFE	14,953,521	16,582,395
				19,996,775	22,177,022						826418-BE-4	SIERRA PACIFIC POWER CO GENL REF MORT	1GFE	19,996,775	22,177,022
				5,394,057	5,845,035						958587-BG-1	NSTAR ELECTRIC CO SR UNSEC	1FFE	5,394,057	5,845,035
TBD	CDX-NAIGS45 7-15	1*	100,000,000	23,655,352	24,041,951	09/29/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAIGS45 7-15, REC. 1% FIXED RATE	1,433,709	1,356,093	040555-CF-9	ARIZONA PUBLIC SERVICE SR UNSEC	2AFE	22,221,643	22,685,858
				53,157,664	37,093,694						299808-AH-8	EVEREST REINSURANCE HLDG 3 1/2% Due 10/15/2050 AO15	2AFE	53,157,664	37,093,694
				10,275,162	10,425,672						80281L-AV-7	SANTANDER UK GROUP HLDGS VAR % Due 4/15/2031 AO15	2AFE	10,275,162	10,425,672
				13,480,859	13,638,202						009279-AC-4	AIRBUS SE SR UNSEC	1FFE	13,480,859	13,638,202
TBD	CDX-NAIGS45 7-15	1*	100,000,000	100,060,844	80,127,630	09/29/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAIGS45 7-15, REC. 1% FIXED RATE	1,428,948	1,356,093	912810-QY-7	US TREASURY N/B United States Treasury No 2.75	1A	98,631,896	78,771,537
TBD	CDX-NAIGS45 7-15	1*	100,000,000	11,416,745	11,780,949	09/29/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAIGS45 7-15, REC. 1% FIXED RATE	1,424,187	1,356,093	20765Q-AJ-4	CONNECTICUT NATURAL GAS SR UNSEC	1GFE	9,992,558	10,424,856
				24,969,582	26,045,206						209111-EF-6	CON EDISON CO OF NY INC SR UNSEC	1GFE	24,969,582	26,045,206
				48,448,880	33,266,014						299808-AH-8	EVEREST REINSURANCE HLDG 3 1/2% Due 10/15/2050 AO15	2AFE	48,448,880	33,266,014
				17,118,846	16,036,441						59156R-BG-2	METLIFE INC SR UNSEC	1GFE	17,118,846	16,036,441
TBD	CDX-NAIGS45 7-15	1*	200,000,000	93,075,102	80,341,092	09/30/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAIGS45 7-15, REC. 1% FIXED RATE	2,849,846	2,712,186	912810-RB-6	US TREASURY N/B United States Treasury No 2.87	1A	90,225,256	77,628,906
				49,760,626	41,349,610						912810-QT-8	US TREASURY N/B United States Treasury No 3.12	1A	49,760,626	41,349,610
				51,289,027	52,802,845						64966S-NJ-1	NEW YORK NY SERIES H	1CFE	51,289,027	52,802,845
				5,976,842	6,386,324						341099-CB-3	DUKE ENERGY FLORIDA LLC 1ST MORTG	1FFE	5,976,842	6,386,324
TBD	CDX-NAIGS45 7-15	1*	200,000,000	27,937,766	27,112,835	09/30/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAIGS45 7-15, REC. 1% FIXED RATE	2,849,846	2,712,186	976656-CT-3	WISCONSIN ELECTRIC POWER 5.05% Due 10/1/2054 AO1	1FFE	25,087,920	24,400,649
				27,054,546	20,400,126						92556V-AE-6	VIATRIS INC 3.85% Due 6/22/2040 JD22	2CFE	27,054,546	20,400,126
				100,060,720	97,243,945						912810-QK-7	US TREASURY N/B United States Treasury No 3.87	1A	100,060,720	97,243,945
				45,000,115	37,339,684						912810-QT-8	US TREASURY N/B United States Treasury No 3.12	1A	45,000,115	37,339,684
TBD	CDX-NAIGS45 7-15	1*	200,000,000	78,260,791	75,172,937	09/30/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAIGS45 7-15, REC. 1% FIXED RATE	2,821,263	2,712,186	254687-DZ-6	WALT DISNEY COMPANY THE SERIES WI	1FFE	75,439,528	72,460,751
				10,007,512	10,671,147						010392-EC-8	ALABAMA POWER CO SR UNSEC	1FFE	10,007,512	10,671,147

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Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
				24,968,523	26,821,492						010392-FB-9	ALABAMA POWER CO SR UNSEC	1FFE	24,968,523	26,821,492
				9,434,183	10,257,028						11778B-AB-8	SKY GROUP FINANCE PLC CO.GUARNT	1GFE	9,434,183	10,257,028
				7,651,697	7,842,663						16411Q-AV-3	CHENIERE ENERGY PARTNERS LP SERIES 144A	2BFE	7,651,697	7,842,663
				15,093,288	16,479,387						291011-AQ-7	EMERSON ELECTRIC CO SR UNSEC	1FFE	15,093,288	16,479,387
				18,064,758	20,299,376						377372-AE-7	GLAXOSMITHKLINE CAP INC CO.GUARNT	1FFE	18,064,758	20,299,376
				17,497,178	19,564,358						641423-BU-1	NEVADA POWER CO GENL REF MORT	1FFE	17,497,178	19,564,358
				17,123,617	18,767,110						744448-BZ-3	PUBLIC SERVICE COLORADO 1ST MORTG	1FFE	17,123,617	18,767,110
				9,974,206	10,925,657						907818-CX-4	UNION PACIFIC CORP SR UNSEC	1GFE	9,974,206	10,925,657
				5,466,295	5,996,457						532457-BC-1	ELI LILLY & CO SR UNSEC	1FFE	5,466,295	5,996,457
TBD	CDX-NAIGS45 7-15	1*	100,000,000	28,074,782	29,897,877	10/02/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAIGS45 7-15, REC. 1% FIXED RATE	1,416,861	1,356,093	049560-AG-0	ATMOS ENERGY CORP SR UNSEC	1FFE	26,657,921	28,541,784
				72,418,196	62,969,256						912810-RE-0	US TREASURY N/B United States Treasury No 3.62	1A	72,418,196	62,969,256
TBD	CDX-NAIGS45 7-15	1*	150,000,000	47,053,041	51,485,958	10/02/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAIGS45 7-15, REC. 1% FIXED RATE	2,118,137	2,034,140	002824-AV-2	ABBOTT LABORATORIES SR UNSEC	1DFE	44,934,904	49,451,818
				12,931,613	14,873,323						020002-AJ-0	ALLSTATE CORP SR UNSEC	2AFE	12,931,613	14,873,323
				8,051,580	20,574,378						054536-AC-1	AXA SA JR SUBORDINATED	2A	8,051,580	20,574,378
				27,868,306	16,493,457						084423-AW-2	BERKLEY WR CORPORATION 3.15% Due 9/30/2061 MS30	2AFE	27,868,306	16,493,457
				9,978,260	10,110,841						12189L-AE-1	BURLINGTN NORTH SANTA FE SR UNSEC	1FFE	9,978,260	10,110,841
				29,414,435	26,230,008						377372-AJ-6	GLAXOSMITHKLINE CAP INC CO.GUARNT	1FFE	29,414,435	26,230,008
				12,466,098	13,929,346						341099-CL-1	DUKE ENERGY FLORIDA LLC 1ST MORTG	1FFE	12,466,098	13,929,346
				2,288,059	2,340,697						695114-CL-0	PACIFICORP 1ST MORTG	2AFE	2,288,059	2,340,697
TBD	CDX-NAIGS45 7-15	1*	200,000,000	27,824,183	22,717,065	10/02/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAIGS45 7-15, REC. 1% FIXED RATE	2,824,183	2,712,186	06051G-HA-0	BANK OF AMERICA CORP SR UNSEC	1GFE	25,000,000	20,004,879
				114,100,560	93,088,874						478160-BV-5	JOHNSON & JOHNSON SR UNSEC	1AFE	114,100,560	93,088,874
				46,764,441	52,630,485						89420G-AE-9	TRAVELERS PPTY CASUALTY CO.GUARNT	1FFE	46,764,441	52,630,485
				2,997,801	3,286,685						976826-BE-6	WISCONSIN POWER & LIGHT SR UNSEC	2AFE	2,997,801	3,286,685
				10,591,189	10,372,535						491674-BP-1	KENTUCKY UTILITIES CO 5.85% Due 8/15/2055 FA15	1FFE	10,591,189	10,372,535
TBD	CDX-NAIGS45 7-15	1*	100,000,000	98,926,398	87,676,405	10/03/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAIGS45 7-15, REC. 1% FIXED RATE	1,422,365	1,356,093	912810-RC-4	US TREASURY N/B United States Treasury No 3.62	1A	97,504,033	86,320,312
				1,073,603	1,068,016						857477-DE-0	STATE STREET CORP VAR % Due 10/23/2036 A023	1DFE	1,073,603	1,068,016
TBD	CDX-NAIGS45 7-15	1*	75,000,000	18,522,327	18,649,162	10/03/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAIGS45 7-15, REC. 1% FIXED RATE	1,066,774	1,017,070	49337W-AH-3	NATIONAL GRID USA SR UNSEC	2BFE	17,455,553	17,632,092
				13,651,901	14,646,336						74456Q-AQ-9	PUB SVC ELEC & GAS 1ST REF MORT	1FFE	13,651,901	14,646,336
				20,002,870	21,323,909						976656-BZ-0	WISCONSIN ELECTRIC POWER SR UNSEC	1GFE	20,002,870	21,323,909
				23,969,960	24,944,426						44107T-BB-1	HOST HOTELS & RESORTS LP 5.7% Due 7/1/2034 JJ1	2BFE	23,969,960	24,944,426
TBD	CDX-NAHYS45 35-100	1*	100,000,000	152,454,492	91,738,784	10/06/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAHYS45 35-100, REC. 5% FIXED RATE	19,800,377	19,668,383	912810-RW-0	TSY INFL IX N/B United States Treasury In .875	1A	132,654,115	72,070,401
TBD	CDX-NAHYS45 35-100	1*	100,000,000	153,967,995	91,738,784	10/06/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAHYS45 35-100, REC. 5% FIXED RATE	19,800,377	19,668,383	912810-RW-0	TSY INFL IX N/B United States Treasury In .875	1A	134,167,618	72,070,401
TBD	CDX-NAHYS45 35-100	1*	25,000,000	9,930,245	10,210,353	10/06/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAHYS45 35-100, REC. 5% FIXED RATE	4,950,094	4,917,096	037735-CE-5	APPALACHIAN POWER CO SR UNSEC	2AFE	4,980,151	5,293,257
				20,000,000	20,525,285						207650-AH-8	CONNECTICUT NATURAL GAS SR UNSEC	1GFE	20,000,000	20,525,285
TBD	CDX-NAHYS45 35-100	1*	25,000,000	29,749,589	27,516,138	10/06/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAHYS45 35-100, REC. 5% FIXED RATE	4,950,094	4,917,096	913017-BT-5	RTX CORP SR UNSEC	2AFE	24,799,495	22,599,042
TBD	CDX-NAHYS45 35-100	1*	150,000,000	168,874,633	145,945,934	10/07/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAHYS45 35-100, REC. 5% FIXED RATE	29,715,765	29,502,575	912810-RB-6	US TREASURY N/B United States Treasury No 2.87	1A	139,158,868	116,443,359
TBD	CDX-NAHYS45 35-100	1*	50,000,000	44,296,068	46,811,733	10/07/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAHYS45 35-100, REC. 5% FIXED RATE	9,905,255	9,834,192	377372-AB-3	GLAXOSMITHKLINE CAP INC CO.GUARNT	1FFE	34,390,813	36,977,541
				14,832,199	15,607,765						837004-BX-7	DOMINION ENERGY SOUTH 1ST MORTG	1FFE	14,832,199	15,607,765
TBD	CDX-NAHYS45 35-100	1*	50,000,000	19,885,578	20,794,117	10/07/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAHYS45 35-100, REC. 5% FIXED RATE	9,896,203	9,834,192	209111-EM-1	CON EDISON CO OF NY INC SR UNSEC	1GFE	9,989,375	10,959,925

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Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
				39,453,265	37,819,711						694476-AD-4	PACIFIC LIFECORP SR UNSEC	1GFE	39,453,265	37,819,711
TBD	CDX-NAHYS45 35-100	1*	100,000,000	60,377,552	53,108,684	10/09/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAHYS45 35-100, REC. 5% FIXED RATE	19,745,912	19,668,383	822582-BQ-4	SHELL INTERNATIONAL FIN CO.GUARNT	1DFE	40,631,640	33,440,301
				21,881,414	23,694,407						867229-AE-6	SUNCOR ENERGY INC SR UNSEC	2AFE	21,881,414	23,694,407
				38,329,258	38,008,855						244199-BM-6	DEERE & COMPANY 5.7% Due 1/19/2055 JJ19	1EFE	38,329,258	38,008,855
TBD	CDX-NAHYS45 35-100	1*	100,000,000	29,644,628	30,964,657	10/09/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAHYS45 35-100, REC. 5% FIXED RATE	19,742,097	19,668,383	46625H-HF-0	JPMORGAN CHASE & CO SR UNSEC	1FFE	9,902,531	11,296,274
				41,461,091	43,276,731						907818-CS-5	UNION PACIFIC CORP SR UNSEC	1GFE	41,461,091	43,276,731
				63,332,737	34,724,961						912810-RW-0	TSY INFL IX N/B United States Treasury In .875	1A	63,332,737	34,724,961
TBD	CDX-NAHYS45 35-100	1*	150,000,000	178,130,784	174,229,138	10/10/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAHYS45 35-100, REC. 5% FIXED RATE	29,495,173	29,502,575	912810-QL-5	US TREASURY N/B United States Treasury No 4.25	1A	148,635,611	144,726,563
TBD	CDX-NAHYS45 35-100	1*	200,000,000	235,045,835	211,977,391	10/10/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAHYS45 35-100, REC. 5% FIXED RATE	39,082,547	39,336,767	912810-RC-4	US TREASURY N/B United States Treasury No 3.62	1A	195,963,288	172,640,624
TBD	CDX-NAHYS45 35-100	1*	200,000,000	195,005,532	176,586,063	10/10/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAHYS45 35-100, REC. 5% FIXED RATE	39,058,684	39,336,767	912810-RC-4	US TREASURY N/B United States Treasury No 3.62	1A	155,946,848	137,249,296
				25,218,029	18,169,166						25468P-DN-3	TWDC ENTERPRISES 18 CORP CO.GUARNT	1FFE	25,218,029	18,169,166
				9,056,056	8,177,641						89114T-ZJ-4	TORONTO DOMINION BANK SERIES MTN	1FFE	9,056,056	8,177,641
				5,558,570	4,931,883						402479-CD-9	GULF POWER CO SR UNSEC	1FFE	5,558,570	4,931,883
TBD	CDX-NAHYS45 35-100	1*	200,000,000	76,449,790	68,862,088	10/14/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAHYS45 35-100, REC. 5% FIXED RATE	39,038,398	39,336,767	744448-CG-4	PUBLIC SERVICE COLORADO 1ST MORTG	1FFE	37,411,392	29,525,321
				24,985,810	26,295,950						949746-JM-4	WELLS FARGO & COMPANY SR UNSEC	2AFE	24,985,810	26,295,950
				55,678,143	55,685,452						961214-DF-7	WESTPAC BANKING CORP SUBORD	1GFE	55,678,143	55,685,452
				11,225,521	11,403,086						373334-KQ-3	GEORGIA POWER CO 4.7% Due 5/15/2032 MN15	1FFE	11,225,521	11,403,086
				28,222,638	25,555,372						29670G-AF-9	ESSENTIAL UTILITIES INC 2.4% Due 5/1/2031 MN1	2BFE	28,222,638	25,555,372
				28,412,336	19,357,920						00108W-AK-6	AEP TEXAS INC SERIES H	2AFE	28,412,336	19,357,920
				13,946,364	14,322,651						12803R-AM-6	CAIXABANK SA SERIES 144A	2AFE	13,946,364	14,322,651
TBD	CDX-NAHYS45 35-100	1*	100,000,000	69,142,910	57,390,858	10/14/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAHYS45 35-100, REC. 5% FIXED RATE	19,519,199	19,668,383	713448-DP-0	PEPSICO INC SR UNSEC	1EFE	49,623,711	37,722,475
				48,857,580	40,422,426						88579Y-AH-4	3M COMPANY SR UNSEC	1GFE	48,857,580	40,422,426
TBD	CDX-NAHYS45 35-100	1*	200,000,000	237,916,324	224,563,329	10/15/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAHYS45 35-100, REC. 5% FIXED RATE	39,450,878	39,336,767	912810-QK-7	US TREASURY N/B United States Treasury No 3.87	1A	198,465,446	185,226,562
TBD	CDX-NAHYS45 35-100	1*	150,000,000	112,699,570	109,584,606	10/15/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAHYS45 35-100, REC. 5% FIXED RATE	29,580,980	29,502,575	912810-QL-5	US TREASURY N/B United States Treasury No 4.25	1A	83,118,590	80,082,031
				28,297,220	25,952,319						14448C-AL-8	CARRIER GLOBAL CORP SERIES WI	2AFE	28,297,220	25,952,319
				27,858,168	27,016,881						04316J-AP-4	ARTHUR J GALLAGHER & CO 5.55% Due 2/15/2055 FA15	2BFE	27,858,168	27,016,881
				10,870,424	10,795,272						14040H-DN-2	CAPITAL ONE FINANCIAL CO VAR % Due 9/11/2036 MS11	2AFE	10,870,424	10,795,272
TBD	CDX-NAHYS45 35-100	1*	100,000,000	47,794,296	48,366,509	10/15/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAHYS45 35-100, REC. 5% FIXED RATE	19,720,653	19,668,383	842400-FA-6	SOUTHERN CAL EDISON 1ST REF MORT	2AFE	28,073,643	28,698,126
				42,324,340	46,683,947						694476-AA-0	PACIFIC LIFE CORP SR UNSEC	1GFE	42,324,340	46,683,947
				14,057,172	9,271,663						210518-DN-3	CONSUMERS ENERGY CO 2.65% Due 8/15/2052 FA15	1FFE	14,057,172	9,271,663
				14,337,850	11,831,366						91324P-CX-8	UNITEDHEALTH GROUP INC SR UNSEC	1FFE	14,337,850	11,831,366
TBD	CDX-NAIGS45 7-15	1*	75,000,000	72,927,653	58,649,883	10/16/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAIGS45 7-15, REC. 1% FIXED RATE	901,060	1,017,070	912810-QY-7	US TREASURY N/B United States Treasury No 2.75	1A	72,026,593	57,632,813
				2,154,615	1,253,089						341081-FX-0	FLORIDA POWER & LIGHT CO 3.15% Due 10/1/2049 A01	1DFE	2,154,615	1,253,089
TBD	CDX-NAIGS45 7-15	1*	110,000,000	27,416,687	24,529,713	11/14/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAIGS45 7-15, REC. 1% FIXED RATE	1,253,762	1,491,702	61747Y-EF-8	MORGAN STANLEY Flt % Due 9/16/2036 MS16	2AFE	26,162,925	23,038,011
				26,492,214	25,588,154						912834-UY-2	STRIPS Due 8/15/2049 At Mat	1A	26,492,214	25,588,154
				44,929,227	45,510,460						693475-CE-3	PNC FINANCIAL SERVICES VAR % Due 7/21/2036 JJ21	1GFE	44,929,227	45,510,460

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Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
				9,774,912	10,097,799						837004-BZ-2	DOMINION ENERGY SOUTH 1ST MORTG	1FFE	9,774,912	10,097,799
				1,476,963	1,396,683						431282-AS-1	HIGHWOODS REALTY LP 3.05% Due 2/15/2030 FA15	2CFE	1,476,963	1,396,683
TBD	CDX-NAHYS45 35-100	1*	50,000,000	28,944,507	28,308,992	11/19/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAHYS45 35-100, REC. 5% FIXED RATE	9,742,378	9,834,192	912834-PM-4	STRIPS Due 8/15/2045 At Mat	1A	19,202,129	18,474,800
				13,873,119	14,233,872						404119-CB-3	HCA INC 3 1/2% Due 7/15/2051 JJ15	2CFE	13,873,119	14,233,872
				7,183,388	6,146,657						26442R-AB-7	DUKE ENERGY PROGRESS LLC 1ST MORTG	1FFE	7,183,388	6,146,657
TBD	CDX-NAIGS45 7-15	1*	50,000,000	17,018,564	16,548,513	11/19/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAIGS45 7-15, REC. 1% FIXED RATE	474,552	678,047	912834-TV-0	STRIPS Due 8/15/2048 At Mat	1A	16,544,012	15,870,466
				33,039,954	33,536,140						05572Y-HP-0	BOKF NA VAR % Due 11/6/2040 MN6	2AFE	33,039,954	33,536,140
TBD	CDX-NAHYS45 25-35	1*	50,000,000	11,762,460	12,230,310	11/19/2025	12/20/2030	CREDIT DEFAULT SWAP ON CDX-NAHYS45 25-35, REC. 5% FIXED RATE	6,722,001	7,630,810	632525-AY-7	NATIONAL AUSTRALIA BANK SERIES 144A	1GFE	5,040,459	4,599,500
				44,965,788	45,500,750						743674-BG-7	PROTECTIVE LIFE CORP SERIES 144A	1GFE	44,965,788	45,500,750
91278*DS0	Treasury Total Return Swap	1E	97,376,019	88,789,000	81,744,853	09/01/2023	06/08/2026	Treasury Total Return SwapT 4 1/8 08/15/53 (912810TT5)		(507,963)	59333P-3W-6	MIAMI-DADE CNTY FL AVIATION RE County of Miami-Dade FL A 4.28	1EFE	88,789,000	82,252,816
				246,349	237,601						912810-FP-8	US TREASURY N/B United States Treasury No 5.37	1A	246,349	237,601
				2,006,807	2,153,412						26442C-AB-0	DUKE ENERGY CAROLINAS 1ST REF MORT	1FFE	2,006,807	2,153,412
				8,490,000	8,317,241						882723-B9-9	TEXAS ST State of Texas 3.938 10/01/203	1AFE	8,490,000	8,317,241
				496,561	540,990						832696-AZ-1	JM SMUCKER CO 6 1/2% Due 11/15/2053 MN15	2BFE	496,561	540,990
91278*DT8	Treasury Total Return Swap	1E	96,199,728	28,556,550	29,438,258	09/05/2023	06/08/2026	Treasury Total Return SwapT 4 1/8 08/15/53 (912810TT5)		(507,673)	172967-DR-9	CITIGROUP INC SUBORD	2BFE	28,556,550	29,945,931
				15,136,747	16,063,098						725906-AH-4	BARRICK GOLD CORP SR UNSEC	2AFE	15,136,747	16,063,098
				23,710,000	24,201,025						64990F-MV-3	NEW YORK ST DORM AUTH ST PERSO 5.427% Due 3/15/2039 MS15	1BFE	23,710,000	24,201,025
				19,503,794	19,235,469						548661-EM-5	LOWE S COS INC 5 5/8% Due 4/15/2053 AO15	2AFE	19,503,794	19,235,469
				12,261,372	13,325,216						25746U-AN-9	DOMINION ENERGY INC SR UNSEC	2BFE	12,261,372	13,325,216
				1,003,403	1,076,706						26442C-AB-0	DUKE ENERGY CAROLINAS 1ST REF MORT	1FFE	1,003,403	1,076,706
TBD	Treasury Total Return Swap	1*	212,937,845	18,140,739	29,620,880	05/13/2025	05/14/2027	Treasury Total Return SwapT 3 08/15/2052 (912810TJ7)		(1,455,820)	74251V-AA-0	PRINCIPAL FINANCIAL GRP CO.GUARNT	1GFE	18,140,739	31,076,700
				27,957,856	29,112,928						283677-AW-2	EL PASO ELECTRIC CO SR UNSEC	2BFE	27,957,856	29,112,928
				12,934,947	12,750,070						585055-BT-2	MEDTRONIC INC CO.GUARNT	1GFE	12,934,947	12,750,070
TBD	Treasury Total Return Swap	1*	175,926,105	46,637,965	42,556,178	05/15/2025	05/18/2028	Treasury Total Return SwapT 4.125 08/15/53 (912810TT5)		(1,759,681)	91282C-EP-2	US TREASURY N B 2 7/8% Due 5/15/2032 MN15	1A	46,637,965	44,315,859
TBD	Treasury Total Return Swap	1*	91,299,253	29,011,676	32,054,399	11/17/2025	11/17/2028	Treasury Total Return SwapT 4.125 08/15/53 (912810TT5)		(685,249)	23330J-AA-9	DP WORLD PLC SR UNSEC	2BFE	29,011,676	32,739,648
91278*DK7	Treasury Bond Forward	1A	50,000,000	50,527,911	42,861,570	07/06/2023	07/10/2026	Treasury Bond Forward T 3 5/8 05/15/53 (912810TR9)		(7,556,399)	91282C-FY-2	US TREASURY N B 3 7/8% Due 11/30/2029 MN31	1A	50,527,911	50,417,969
91278*EC4	Treasury Bond Forward	1A	50,000,000	50,522,207	42,866,791	07/06/2023	07/10/2026	Treasury Bond Forward T 3 5/8 05/15/53 (912810TR9)		(7,551,178)	91282C-FY-2	US TREASURY N B 3 7/8% Due 11/30/2029 MN31	1A	50,522,207	50,417,969
91278*DN1	Treasury Bond Forward	1*	50,000,000	47,779,832	26,542,839	07/07/2023	07/13/2026	Treasury Bond Forward T 3 5/8 05/15/53 (912810TR9)		(7,193,489)	912810-TA-6	US TREASURY N/B 1 3/4% Due 8/15/2041 FA15	1A	47,779,832	33,736,328
				2,903,042	3,183,439						476556-CP-8	JERSEY CENTRAL PWR & LT SR UNSEC	2AFE	2,903,042	3,183,439
91278*JU9	Treasury Bond Forward	1*	50,000,000	47,203,814	26,281,145	07/10/2023	07/13/2026	Treasury Bond Forward T 3 5/8 05/15/53 (912810TR9)		(6,951,566)	912810-TA-6	US TREASURY N/B 1 3/4% Due 8/15/2041 FA15	1A	47,203,814	33,232,711
				2,988,211	2,917,667						036752-BA-0	ELEVANCE HEALTH INC 5.65% Due 6/15/2054 JD15	2AFE	2,988,211	2,917,667
91278*DP6	Treasury Bond Forward	1*	50,000,000	48,390,918	26,731,877	07/11/2023	07/13/2026	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(7,004,451)	912810-TA-6	US TREASURY N/B 1 3/4% Due 8/15/2041 FA15	1A	48,390,918	33,736,328
				2,500,000	2,582,160						783186-NH-8	RUTGERS NJ ST UNIV Rutgers The State Univers 5.66	1EFE	2,500,000	2,582,160
91278*ED2	Treasury Bond Forward	1A	50,000,000	48,809,456	26,678,722	07/12/2023	07/13/2026	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(7,057,606)	912810-TA-6	US TREASURY N/B 1 3/4% Due 8/15/2041 FA15	1A	48,809,456	33,736,328

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Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
.....	.....	.....	.....	1,728,904	1,600,939	.....	.....	.....	.....	.....	783186-NH-8	RUTGERS NJ ST UNIV Rutgers The State Univers 5.66	1EFE	1,728,904	1,600,939
91278*DV3	Treasury Bond Forward	1A	50,000,000	50,307,599	29,056,463	07/14/2023	07/20/2026	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(7,748,225)	912810-TF-5	US TREASURY N B 2 3/8% Due 2/15/2042 FA15	1A	50,307,599	36,804,688
91278*DW1	Treasury Bond Forward	1A	50,000,000	50,315,812	29,020,907	07/14/2023	07/20/2026	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(7,783,781)	912810-TF-5	US TREASURY N B 2 3/8% Due 2/15/2042 FA15	1A	50,315,812	36,804,688
91278*DX9	Treasury Bond Forward	1A	50,000,000	50,312,527	29,232,573	07/17/2023	07/20/2026	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(7,572,115)	912810-TF-5	US TREASURY N B 2 3/8% Due 2/15/2042 FA15	1A	50,312,527	36,804,688
91278*DY7	Treasury Bond Forward	1A	50,000,000	50,312,527	29,219,227	07/17/2023	07/20/2026	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(7,585,461)	912810-TF-5	US TREASURY N B 2 3/8% Due 2/15/2042 FA15	1A	50,312,527	36,804,688
91278*DZ4	Treasury Bond Forward	1A	100,000,000	100,613,555	57,255,340	07/20/2023	07/24/2026	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(16,354,035)	912810-TF-5	US TREASURY N B 2 3/8% Due 2/15/2042 FA15	1A	100,613,555	73,609,375
91278*EA8	Treasury Bond Forward	1A	50,000,000	50,312,527	28,676,323	07/20/2023	07/26/2027	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(8,128,365)	912810-TF-5	US TREASURY N B 2 3/8% Due 2/15/2042 FA15	1A	50,312,527	36,804,688
91278*EB6	Treasury Bond Forward	2B	50,000,000	45,884,410	28,744,215	07/21/2023	01/26/2026	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(8,060,473)	912810-TF-5	US TREASURY N B 2 3/8% Due 2/15/2042 FA15	1A	45,884,410	36,804,688
.....	.....	.....	.....	4,572,687	5,455,404	.....	.....	.....	.....	.....	893526-8Z-9	TRANSCANADA PIPELINES SR UNSEC	2BFE	4,572,687	5,455,404
91278*JV7	Treasury Bond Forward	1A	50,000,000	50,319,918	28,796,184	07/24/2023	01/26/2026	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(8,008,504)	912810-TF-5	US TREASURY N B 2 3/8% Due 2/15/2042 FA15	1A	50,319,918	36,804,688
91278*EE0	Treasury Bond Forward	2B	50,000,000	47,771,333	28,843,417	07/24/2023	01/26/2026	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(7,961,271)	912810-TF-5	US TREASURY N B 2 3/8% Due 2/15/2042 FA15	1A	47,771,333	36,804,688
.....	.....	.....	.....	2,996,657	3,077,195	.....	.....	.....	.....	.....	03073E-AU-9	CENCORA INC 5 1/8% Due 2/15/2034 FA15	2AFE	2,996,657	3,077,195
91278*EF7	Treasury Bond Forward	1E	50,000,000	45,856,337	28,730,208	07/24/2023	07/26/2027	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(8,074,480)	912810-TF-5	US TREASURY N B 2 3/8% Due 2/15/2042 FA15	1A	45,856,337	36,804,688
.....	.....	.....	.....	4,683,934	5,136,342	.....	.....	.....	.....	.....	476556-CP-8	JERSEY CENTRAL PWR & LT SR UNSEC	2AFE	4,683,934	5,136,342
91278*CX0	Treasury Bond Forward	1A	50,000,000	50,313,105	28,842,502	07/25/2023	07/26/2027	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(7,962,186)	912810-TF-5	US TREASURY N B 2 3/8% Due 2/15/2042 FA15	1A	50,313,105	36,804,688
91278*CY8	Treasury Bond Forward	1A	50,000,000	50,319,261	28,929,097	07/25/2023	01/27/2026	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(7,875,591)	912810-TF-5	US TREASURY N B 2 3/8% Due 2/15/2042 FA15	1A	50,319,261	36,804,688
91278*EG5	Treasury Bond Forward	1A	50,000,000	50,000,174	40,695,422	07/26/2023	07/26/2027	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(7,948,628)	13063B-N8-1	CALIFORNIA ST State of California 4.988 04/0	1DFE	50,000,174	48,644,050
91278*EH3	Treasury Bond Forward	1A	50,000,000	50,000,000	39,489,246	07/27/2023	01/26/2026	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(7,594,186)	668444-AC-6	NORTHWESTERN UNIVERSITY UNSEC	1BFE	50,000,000	47,083,432
91278*EJ9	Treasury Bond Forward	1A	50,000,000	50,352,700	38,796,288	07/27/2023	07/26/2027	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(7,997,637)	796253-Z2-1	SAN ANTONIO TX ELEC & GAS REVE City of San Antonio TX El 4.42	1DFE	50,352,700	46,793,925
91278*EK6	Treasury Bond Forward	1A	50,000,000	12,650,000	5,966,095	07/27/2023	01/26/2026	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(7,391,080)	91159H-JR-2	US BANCORP 5.678% Due 1/23/2035 JJ23	1FFE	12,650,000	13,357,175
.....	.....	.....	.....	37,357,060	37,832,617	.....	.....	.....	.....	.....	250847-DZ-0	DTE ELECTRIC CO GENL REF MORT	1FFE	37,357,060	37,832,617
91278*EL4	Treasury Bond Forward	1A	50,000,000	50,219,342	40,566,468	07/27/2023	07/26/2027	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(7,580,284)	79467B-CN-3	SALES TAX SECURITIZATION CORP SERIES A	1AFE	50,219,342	48,146,752
91278*JW5	Treasury Bond Forward	1E	50,000,000	50,012,029	39,545,640	07/27/2023	01/26/2026	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(7,100,677)	45656R-CX-8	INDUSTRY CA SALES TAX REVENUE City of Industry CA 5.125 01/0	1EFE	50,012,029	46,646,317
91278*EP5	Treasury Bond Forward	1G	50,000,000	15,000,000	7,977,320	07/27/2023	07/26/2027	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(7,294,128)	57419T-5S-6	MARYLAND ST CMNTY DEV ADMIN DE SERIES F	1BFE	15,000,000	15,271,448
.....	.....	.....	.....	35,214,109	32,933,814	.....	.....	.....	.....	.....	101137-BA-4	BOSTON SCIENTIFIC CORP 2.65% Due 6/1/2030 JD1	1GFE	35,214,109	32,933,814
91278*HY3	Treasury Bond Forward	1A	50,000,000	50,000,000	37,779,504	07/27/2023	01/26/2026	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(6,858,702)	74071P-AB-9	PRESBYTERIAN HEALTHC SER 4 7/8% Due 8/1/2052 FA1	1DFE	50,000,000	44,638,206
91278*EM2	Treasury Bond Forward	1A	50,000,000	50,000,000	41,913,276	07/27/2023	07/26/2027	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(7,072,294)	231266-LF-2	CURATORS OF THE UNIV OF MISSOU University of Missouri 4.874 1	1BFE	50,000,000	48,985,570
91278*DA9	Treasury Bond Forward	1A	50,000,000	48,300,558	34,638,910	07/28/2023	02/02/2026	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(7,060,309)	912810-TH-1	US TREASURY N B 3 1/8% Due 5/15/2042 MN15	1A	48,300,558	41,699,219
.....	.....	.....	.....	2,247,653	2,065,728	.....	.....	.....	.....	.....	783186-NH-8	RUTGERS NJ ST UNIV Rutgers The State Univers 5.66	1EFE	2,247,653	2,065,728
91278*CZ5	Treasury Bond Forward	1A	50,000,000	48,232,215	33,725,497	07/28/2023	08/02/2027	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(7,248,156)	912810-TH-1	US TREASURY N B 3 1/8% Due 5/15/2042 MN15	1A	48,232,215	40,973,653
.....	.....	.....	.....	1,877,371	1,724,883	.....	.....	.....	.....	.....	783186-NH-8	RUTGERS NJ ST UNIV Rutgers The State Univers 5.66	1EFE	1,877,371	1,724,883

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Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
91278*DB7	Treasury Bond Forward	1A	50,000,000	50,012,082	42,019,239	08/01/2023	02/02/2026	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(6,791,818)	017175-AE-0	ALLEGHANY CORP 3 5/8% Due 5/15/2030 MN15	1FE	50,012,082	48,811,057
91278*DC5	Treasury Bond Forward	1E	50,000,000	5,203,422	(2,245,262)	08/01/2023	08/02/2027	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(7,019,370)	035240-AG-5	ANHEUSER-BUSCH INBEV WOR CO.GUARNT	1GFE	5,203,422	4,774,108
				17,909,312	14,888,781						235241-LW-4	DALLAS TX AREA RAPID TRANSIT S Dallas Area Rapid Transit 5.02	1BFE	17,909,312	14,888,781
				28,970,000	28,631,060						650117-AA-2	NEW YORK TRANSPRTN DEV CORP LE 4.248% Due 9/1/2035 MS1	1EFE	28,970,000	28,631,060
91278*DD3	Treasury Bond Forward	1A	50,000,000	50,000,000	39,520,579	08/01/2023	08/02/2027	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(6,943,451)	04365X-AA-6	ASCOT GROUP LTD SERIES 144A	2AFE	50,000,000	46,464,030
91278*EN0	Treasury Bond Forward	1A	100,000,000	100,008,511	83,235,431	08/01/2023	02/03/2027	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(13,584,959)	249218-BC-1	DENVER CO PUBLIC SCHS COPS Denver City & County Scho 4.24	1DFE	100,008,511	96,820,390
91278*HF4	Treasury Bond Forward	1F	100,000,000	75,810,000	61,551,619	08/01/2023	02/03/2027	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(13,168,536)	544351-RH-4	LOS ANGELES CA SERIES A	1CFE	75,810,000	74,720,155
				24,190,000	24,194,511						79876C-BL-1	SAN MARCOS CA REDEV AGY SUCCES San Marcos Redevelopment 4.85	1CFE	24,190,000	24,194,511
91278*DE1	Treasury Bond Forward	1D	50,000,000	50,000,000	38,841,500	08/01/2023	02/03/2027	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(6,488,668)	650119-AR-1	NEW YORK UNIVERSITY UNSEC	1DFE	50,000,000	45,330,168
91278*DF8	Treasury Bond Forward	2C	50,000,000	46,184,076	31,891,215	08/02/2023	02/04/2028	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(6,398,866)	235241-LW-4	DALLAS TX AREA RAPID TRANSIT S Dallas Area Rapid Transit 5.02	1BFE	46,184,076	38,290,081
				8,585,062	9,199,240						845743-BL-6	SOUTHWESTERN PUBLIC SERV SR UNSEC	2BFE	8,585,062	9,199,240
91278*DG6	Treasury Bond Forward	2B	50,000,000	23,124,294	18,432,351	08/02/2023	08/02/2027	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(6,126,627)	38141G-A9-5	GOLDMAN SACHS GROUP INC 5.851% Due 4/25/2035 A025	2AFE	23,124,294	24,558,978
				21,965,626	21,362,364						78016F-ZQ-0	ROYAL BANK OF CANADA 3 7/8% Due 5/4/2032 MN4	1EFE	21,965,626	21,362,364
				4,993,784	5,214,599						404119-CU-1	HCA INC 5.6% Due 4/1/2034 A01	2CFE	4,993,784	5,214,599
91278*JB1	Treasury Bond Forward	1F	50,000,000	50,858,476	46,921,665	08/02/2023	02/04/2026	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(5,699,366)	13063D-3T-3	CALIFORNIA ST 5.2% Due 3/1/2043 MS1	1CFE	50,858,476	52,621,031
91278*EQ3	Treasury Bond Forward	3A	50,000,000	44,800,000	36,596,927	08/02/2023	02/04/2028	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(5,894,516)	915137-5R-0	UNIV OF TEXAS TX University of Texas Syste 4.79	1AFE	44,800,000	42,491,443
				5,989,240	5,963,512						09659T-2A-8	BNP PARIBAS SUBORD	2AFE	5,989,240	5,963,512
91278*ER1	Treasury Bond Forward	1A	50,000,000	55,269,959	43,496,148	08/02/2023	02/04/2027	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(5,727,678)	00287Y-CY-3	ABBVIE INC SERIES WI	1GFE	55,269,959	49,223,826
91278*ES9	Treasury Bond Forward	1E	100,000,000	33,067,657	22,316,359	08/03/2023	02/04/2027	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(10,227,243)	007110-AD-1	ADMINISTRATORS OF THE TULANE E 5 1/4% Due 2/15/2048 FA15	1EFE	33,067,657	32,543,602
				25,000,000	23,477,340						914729-QP-6	UNIV OF N TEXAS TX University of North Texas 4.83	1CFE	25,000,000	23,477,340
				11,656,888	11,251,810						674599-DD-4	OCCIDENTAL PETROLEUM COR 7 1/2% Due 5/1/2031 MN1	2CFE	11,656,888	11,251,810
				28,390,000	29,247,443						57587G-TN-5	MASSACHUSETTS ST HSG FIN AGY H SERIES 226	1BFE	28,390,000	29,247,443
				2,112,901	2,473,513						097023-AG-0	BOEING CO SR UNSEC	2CFE	2,112,901	2,473,513
91278*ET7	Treasury Bond Forward	1*	50,000,000	36,979,970	27,471,602	08/03/2023	02/04/2028	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(5,252,240)	026874-DA-2	AMERICAN INTL GROUP SR UNSEC	2AFE	36,979,970	32,723,842
				13,031,400	12,342,956						438516-CT-1	HONEYWELL INTERNATIONAL 5 1/4% Due 3/1/2054 MS1	1FFE	13,031,400	12,342,956
91278*EU4	Treasury Bond Forward	2B	50,000,000	26,000,000	18,513,701	08/03/2023	02/04/2027	Treasury Bond Forward T 3 5/8 02/15/53 (912810TN8)		(4,969,215)	35561R-AA-5	FRED HUTCH CNCR CTR SERIES 2022	1FFE	26,000,000	23,482,916
				20,000,000	18,537,454						59333A-MC-2	MIAMI-DADE CNTY FL EDUCTNL FAC Miami-Dade County Educati 5.07	1GFE	20,000,000	18,537,454
				4,096,172	3,890,803						720186-AH-8	PIEDMONT NATURAL GAS CO SR UNSEC	2AFE	4,096,172	3,890,803
91278*EW0	Treasury Bond Forward	3C	50,000,000	20,000,000	13,836,831	08/03/2023	02/04/2028	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(4,814,687)	73358W-EK-6	PORT AUTH OF NEW YORK & NEW JE Port Authority of New Yor 4.92	1DFE	20,000,000	18,651,518
				30,015,330	27,513,678						597749-7F-1	MIDLAND TX SERIES A	1BFE	30,015,330	27,513,678
91278*EX8	Treasury Bond Forward	2B	100,000,000	34,665,971	28,678,996	08/03/2023	05/04/2027	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(8,976,257)	983024-AN-0	WYETH LLC CO.GUARNT	1FFE	34,665,971	37,655,253
				29,176,284	29,001,177						87264A-CW-3	T MOBILE USA INC 5.65% Due 1/15/2053 JJ15	2AFE	29,176,284	29,001,177
				23,000,000	23,025,146						677632-MV-0	OHIO ST UNIV Ohio State University/The 4.91	1BFE	23,000,000	23,025,146

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Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
.....	.....	.....	.....	13,263,525	12,928,217	.....	.....	.....	.....	.....	05330G-AA-2	AUTORIDAD CANAL DE PANAM SR UNSEC	2AFE	13,263,525	12,928,217
91278*FC3	Treasury Bond Forward	2A	50,000,000	29,952,257	24,847,909	08/03/2023	02/04/2028	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(4,676,788)	92343V-EA-8	VERIZON COMMUNICATIONS SR UNSEC	2AFE	29,952,257	29,524,697
.....	.....	.....	.....	20,305,219	20,581,335	.....	.....	.....	.....	.....	260003-AK-4	DOVER CORP SR UNSEC	2AFE	20,305,219	20,581,335
91278*FA7	Treasury Bond Forward	2B	100,000,000	24,798,736	18,043,238	08/03/2023	05/04/2027	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(9,028,367)	25243Y-AH-2	DIAGEO CAPITAL PLC CO.GUARNT	1GFE	24,798,736	27,071,605
.....	.....	.....	.....	26,870,000	28,253,238	.....	.....	.....	.....	.....	64966S-NH-5	NEW YORK NY SERIES H	1CFE	26,870,000	28,253,238
.....	.....	.....	.....	11,918,507	13,666,061	.....	.....	.....	.....	.....	962166-BR-4	WEYERHAEUSER CO SR UNSEC	2BFE	11,918,507	13,666,061
.....	.....	.....	.....	15,244,312	17,002,759	.....	.....	.....	.....	.....	012873-AK-1	ENCANA CORP CO.GUARNT	2CFE	15,244,312	17,002,759
.....	.....	.....	.....	14,620,045	14,847,676	.....	.....	.....	.....	.....	03522A-AH-3	ANHEUSER-BUSCH CO/INBEV CO.GUARNT	2CFE	14,620,045	14,847,676
.....	.....	.....	.....	6,550,000	6,922,888	.....	.....	.....	.....	.....	744320-BP-6	PRUDENTIAL FINANCIAL INC HYB	2BFE	6,550,000	6,922,888
91278*FB5	Treasury Bond Forward	1E	50,000,000	10,627,765	6,498,050	08/07/2023	08/09/2028	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(5,029,989)	927804-FE-9	VIRGINIA ELEC & POWER CO SR UNSEC	2AFE	10,627,765	11,528,039
.....	.....	.....	.....	20,727,613	23,957,958	.....	.....	.....	.....	.....	74727P-AL-5	STATE OF QATAR SR UNSEC	1CFE	20,727,613	23,957,958
.....	.....	.....	.....	18,716,702	19,544,316	.....	.....	.....	.....	.....	404119-CU-1	HCA INC 5.6% Due 4/1/2034 A01	2CFE	18,716,702	19,544,316
91278*FD1	Treasury Bond Forward	2A	50,000,000	14,863,909	11,110,475	08/07/2023	02/09/2027	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(4,626,430)	94106L-AG-4	WASTE MANAGEMENT INC CO.GUARNT	1GFE	14,863,909	15,736,905
.....	.....	.....	.....	19,777,677	16,719,602	.....	.....	.....	.....	.....	361448-AX-1	GATX CORP SR UNSEC	2BFE	19,777,677	16,719,602
.....	.....	.....	.....	15,524,868	15,174,158	.....	.....	.....	.....	.....	035240-AV-2	ANHEUSER BUSCH INBEV WOR 3 1/2% Due 6/1/2030 JD1	1GFE	15,524,868	15,174,158
91278*FE9	Treasury Bond Forward	2A	100,000,000	44,666,667	35,044,799	08/07/2023	05/04/2027	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(9,276,804)	452227-JN-2	ILLINOIS ST SALES TAX REVENUE State of Illinois 4.62 06/15/2	1FFE	44,666,667	44,321,603
.....	.....	.....	.....	13,338,050	14,515,695	.....	.....	.....	.....	.....	583334-AB-3	WESTROCK MWV LLC CO.GUARNT	2BFE	13,338,050	14,515,695
.....	.....	.....	.....	22,935,000	20,714,642	.....	.....	.....	.....	.....	35561R-AA-5	FRED HUTCH CNCR CTR SERIES 2022	1FFE	22,935,000	20,714,642
.....	.....	.....	.....	19,180,403	21,629,752	.....	.....	.....	.....	.....	26442C-AE-4	DUKE ENERGY CAROLINAS 1ST MORTG	1FFE	19,180,403	21,629,752
91278*FF6	Treasury Bond Forward	2B	50,000,000	29,956,456	26,244,407	08/08/2023	05/04/2027	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(5,170,842)	913017-BS-7	RTX CORP SR UNSEC	2AFE	29,956,456	31,415,249
.....	.....	.....	.....	20,709,170	21,451,243	.....	.....	.....	.....	.....	89566E-AD-0	TRISTATE GEN&TRANS ASSN 1ST MORTG	2AFE	20,709,170	21,451,243
91278*FG4	Treasury Bond Forward	3A	50,000,000	30,520,000	24,285,394	08/08/2023	08/09/2028	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(5,336,851)	283062-FN-2	EL DORADO CA IRR DIST REVENUE SERIES A	1CFE	30,520,000	29,622,245
.....	.....	.....	.....	19,560,735	21,018,609	.....	.....	.....	.....	.....	039483-AU-6	ARCHER DANIELS SR UNSEC	1FFE	19,560,735	21,018,609
91278*JA3	Treasury Bond Forward	1G	100,000,000	35,029,169	27,539,887	08/08/2023	11/09/2026	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(10,068,115)	73102Q-AA-4	POLAR TANKERS INC CO.GUARNT	1FFE	35,029,169	37,608,002
.....	.....	.....	.....	44,501,329	47,294,024	.....	.....	.....	.....	.....	760759-AF-7	REPUBLIC SERVICES INC SR UNSEC	1GFE	44,501,329	47,294,024
.....	.....	.....	.....	20,095,610	21,471,040	.....	.....	.....	.....	.....	902917-AH-6	WASTE MANAGEMENT INC CO.GUARNT	1GFE	20,095,610	21,471,040
.....	.....	.....	.....	390,763	403,872	.....	.....	.....	.....	.....	26875P-AQ-4	EOG RESOURCES INC SR UNSEC	1GFE	390,763	403,872
91278*FH2	Treasury Bond Forward	2B	50,000,000	26,000,000	20,391,212	08/08/2023	05/04/2027	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(4,973,868)	73358W-RQ-9	PORT AUTH OF NEW YORK & NEW JE Port Authority of New Yor 5.31	1DFE	26,000,000	25,365,080
.....	.....	.....	.....	24,699,950	25,703,748	.....	.....	.....	.....	.....	92931D-AE-2	PL UK DISTR/WESTERN PWR SR UNSEC	2BFE	24,699,950	25,703,748
91278*FJ8	Treasury Bond Forward	2C	50,000,000	19,800,110	16,262,040	08/08/2023	08/09/2028	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(5,238,185)	13645R-AF-1	CANADIAN PACIFIC RAILWAY SR UNSEC	2AFE	19,800,110	21,500,225
.....	.....	.....	.....	19,939,263	21,745,776	.....	.....	.....	.....	.....	23311R-AA-4	DCP MIDSTREAM OPERATING CO.GUARNT	2BFE	19,939,263	21,745,776
.....	.....	.....	.....	11,045,137	10,085,423	.....	.....	.....	.....	.....	17136M-AB-8	CHURCH & DWIGHT CO INC 5% Due 6/15/2052 JD15	2AFE	11,045,137	10,085,423
91278*JC9	Treasury Bond Forward	1F	100,000,000	40,300,000	26,910,296	08/10/2023	11/09/2026	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(10,399,664)	37310P-AF-8	GEORGETOWN UNIVERSITY 5.115% Due 4/1/2053 A01	1GFE	40,300,000	37,309,960
.....	.....	.....	.....	18,100,000	19,728,490	.....	.....	.....	.....	.....	808513-CH-6	CHARLES SCHWAB CORP 6.136% Due 8/24/2034 FA24	1FFE	18,100,000	19,728,490
.....	.....	.....	.....	7,490,000	7,537,050	.....	.....	.....	.....	.....	91802R-FY-0	UTILITY DEBT SECURITIZATION AU SERIES T	1AFE	7,490,000	7,537,050
.....	.....	.....	.....	1,687,321	2,043,638	.....	.....	.....	.....	.....	718286-AY-3	REPUBLIC OF PHILIPPINES SR UNSEC	2BFE	1,687,321	2,043,638
.....	.....	.....	.....	11,864,553	11,201,806	.....	.....	.....	.....	.....	67077M-AP-3	NUTRIEN LTD SR UNSEC	2BFE	11,864,553	11,201,806
.....	.....	.....	.....	10,594,456	11,664,427	.....	.....	.....	.....	.....	46115H-BZ-9	INTESA SANPAOLO SPA SERIES 144A	1GFE	10,594,456	11,664,427
.....	.....	.....	.....	11,709,942	10,185,178	.....	.....	.....	.....	.....	91324P-EK-4	UNITEDHEALTH GROUP INC 4 3/4% Due 5/15/2052 MN15	1FFE	11,709,942	10,185,178
91278*FL3	Treasury Bond Forward	1B	100,000,000	50,278,181	37,531,029	08/10/2023	11/09/2026	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(10,108,874)	20281P-KG-6	CMWLTH FING AUTH PA Commonwealth Financing Au 4.14	1DFE	50,278,181	47,639,903

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Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
				17,107,313	15,511,202						883203-CC-3	TEXTRON INC 2.45% Due 3/15/2031 MS15	2BFE	17,107,313	15,511,202
				33,795,187	32,018,493						235241-LX-2	DALLAS TX AREA RAPID TRANSIT S Dallas Area Rapid Transit 4.92	1BFE	33,795,187	32,018,493
				99,939	87,941						53079E-BF-0	LIBERTY MUTUAL GROUP INC CO.GUARNT	2BFE	99,939	87,941
91278*FK5	Treasury Bond Forward	2A	50,000,000	10,132,018	5,341,942	08/10/2023	08/09/2028	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(5,305,242)	25746U-AV-1	DOMINION ENERGY INC SR UNSEC	2BFE	10,132,018	10,647,184
				14,202,065	15,989,076						69370P-AA-9	PERTAMINA PERSERO PT SR UNSEC	2BFE	14,202,065	15,989,076
				26,045,072	29,646,765						126408-GS-6	CSX CORP SR UNSEC	1GFE	26,045,072	29,646,765
91278*FN9	Treasury Bond Forward	3A	50,000,000	22,880,535	18,933,318	08/10/2023	08/09/2028	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(5,220,296)	79771P-J4-8	SAN FRANCISCO CITY & CNTY CA R San Francisco City & Coun 5.75	1DFE	22,880,535	24,153,614
				26,401,822	29,644,307						126408-GK-3	CSX CORP SR UNSEC	1GFE	26,401,822	29,644,307
				736,556	763,932						91324P-FR-8	UNITEDHEALTH GROUP INC 5.95% Due 6/15/2055 JD15	1FFE	736,556	763,932
91278*FP4	Treasury Bond Forward	2B	100,000,000	39,864,550	33,540,011	08/10/2023	11/09/2026	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(9,681,059)	871829-BT-3	SYSCO CORPORATION 6% Due 1/17/2034 JJ17	2BFE	39,864,550	43,221,070
				24,727,941	21,671,826						031162-CZ-1	AMGEN INC 2% Due 1/15/2032 JJ15	2AFE	24,727,941	21,671,826
				35,948,103	35,963,745						378272-AN-8	GLENCORE FUNDING LLC CO.GUARNT	2AFE	35,948,103	35,963,745
91278*FQ2	Treasury Bond Forward	3A	50,000,000	29,000,000	23,320,431	08/10/2023	08/14/2028	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(4,971,389)	73358W-RQ-9	PORT AUTH OF NEW YORK & NEW JE Port Authority of New Yor 5.31	1DFE	29,000,000	28,291,820
				21,057,688	21,242,258						012653-AE-1	ALBEMARLE CORP 5.05% Due 6/1/2032 JD1	2CFE	21,057,688	21,242,258
91278*FR0	Treasury Bond Forward	2B	50,000,000	43,750,719	41,987,230	08/10/2023	08/09/2028	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(4,930,106)	92857W-AB-6	VODAFONE GROUP PLC SR UNSEC	2BFE	43,750,719	46,917,336
				6,989,574	8,457,050						760942-AS-1	REPUBLICA ORIENT URUGUAY SR UNSEC	2BFE	6,989,574	8,457,050
91278*FS8	Treasury Bond Forward	2B	100,000,000	29,928,008	23,067,849	08/11/2023	05/14/2027	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(9,193,146)	172967-CC-3	CITIGROUP INC SUBORD	2BFE	29,928,008	32,260,995
				5,985,013	6,812,843						15189X-AD-0	CENTERPOINT ENER HOUSTON GENL REF MORT	1FFE	5,985,013	6,812,843
				34,031,646	33,547,188						375558-CD-3	GILEAD SCIENCES INC 5 1/2% Due 11/15/2054 MN15	1GFE	34,031,646	33,547,188
				30,135,208	30,811,113						018820-AD-2	ALLIANZ SE SERIES 144A HYB	1EFE	30,135,208	30,811,113
91278*FT6	Treasury Bond Forward	2A	50,000,000	20,991,216	19,336,658	08/11/2023	02/15/2028	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(4,785,571)	023551-AJ-3	HESS CORP SR UNSEC	1DFE	20,991,216	24,122,229
				29,022,480	32,494,347						26882P-AR-3	ERAC USA FINANCE LLC CO.GUARNT	1GFE	29,022,480	32,494,347
91278*FU3	Treasury Bond Forward	2A	50,000,000	14,749,203	11,134,581	08/11/2023	02/15/2028	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(4,888,593)	875127-AW-2	TAMPA ELECTRIC CO SR UNSEC	1GFE	14,749,203	16,023,174
				17,959,166	19,092,168						292505-AE-4	ENCANA CORP CO.GUARNT	2CFE	17,959,166	19,092,168
				9,996,566	11,042,281						70109H-AJ-4	PARKER-HANNIFIN CORP SR UNSEC	2AFE	9,996,566	11,042,281
				7,937,634	8,613,521						097023-AU-9	BOEING CO SR UNSEC	2CFE	7,937,634	8,613,521
91278*FV1	Treasury Bond Forward	2B	50,000,000	44,962,723	39,523,113	08/14/2023	02/16/2028	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(4,817,819)	666807-BD-3	NORTHROP GRUMMAN CORP SR UNSEC	2AFE	44,962,723	44,340,932
				5,050,781	5,708,904						693627-AK-7	DUKE ENERGY INDIANA INC 1ST MORTG	1FFE	5,050,781	5,708,904
91278* HJ 6	Treasury Bond Forward	1E	50,000,000	45,977,766	43,820,069	08/14/2023	08/15/2028	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(5,017,925)	38143V-AA-7	GOLDMAN SACHS CAPITAL I LTD GUARNT	2CFE	45,977,766	48,837,994
				4,157,180	4,663,407						655844-AX-6	NORFOLK SOUTHERN CORP SR UNSEC	2AFE	4,157,180	4,663,407
91278*JL9	Treasury Bond Forward	1E	50,000,000	59,345,790	49,126,004	08/14/2023	08/15/2028	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(4,936,147)	651639-AW-6	NEWMONT GOLDCORP CORP CO.GUARNT	2AFE	59,345,790	54,062,151
91278*FW9	Treasury Bond Forward	2B	50,000,000	20,600,000	16,883,697	08/15/2023	02/16/2028	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(4,626,159)	62582P-AA-8	MUNICH RE SERIES 144A	1FFE	20,600,000	21,509,856
				22,274,968	21,501,983						13645R-AV-6	CANADIAN PACIFIC RAILWAY SR UNSEC	2AFE	22,274,968	21,501,983
				7,699,870	7,958,618						40434L-AN-5	HP INC 5 1/2% Due 1/15/2033 JJ15	2BFE	7,699,870	7,958,618
91278*HG2	Treasury Bond Forward	1E	50,000,000	45,653,550	43,164,806	08/15/2023	02/16/2028	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(4,721,699)	025932-AP-9	AMERICAN FINANCIAL GROUP 5 1/4% Due 4/2/2030 AO2	2AFE	45,653,550	47,886,505
				4,404,944	4,510,332						257469-AJ-5	DOMINION ENERGY INC SR UNSEC	2BFE	4,404,944	4,510,332
91278*KF0	Treasury Bond Forward	1*	100,000,000	18,000,000	9,282,804	08/15/2023	11/16/2027	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(9,217,626)	745332-BU-9	PUGET SOUND ENERGY INC SR SEC	1FFE	18,000,000	18,500,430

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Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
				19,914,514	20,485,126						040555-CH-5	ARIZONA PUBLIC SERVICE SR UNSEC ...	2AFE	19,914,514	20,485,126
				32,154,209	33,309,484						136385-AG-6	CANADIAN NATL RESOURCES SR UNSEC .	2AFE	32,154,209	33,309,484
				29,998,928	30,562,971						57419T-5T-4	MARYLAND ST CMNTY DEV ADMIN DE SERIES F	1BFE	29,998,928	30,562,971
91278*JM7	Treasury Bond Forward	1E	100,000,000	39,815,474	30,125,702	08/16/2023	02/16/2028	Treasury Bond Forward T 3 08/15/52 (912810TJ7)		(9,025,837)	00287Y-AR-0	ABBVIE INC SR UNSEC	1GFE	39,815,474	39,151,539
				6,000,000	6,455,962						20772G-F4-5	CONNECTICUT ST State of Connecticut 5.85 03/1	1CFE	6,000,000	6,455,962
				1,493,343	1,536,384						040555-CH-5	ARIZONA PUBLIC SERVICE SR UNSEC ...	2AFE	1,493,343	1,536,384
				26,397,404	27,027,767						69369E-AF-6	PERTAMINA PERSERO PT SR UNSEC	2BFE	26,397,404	27,027,767
				24,937,669	25,104,696						21036P-BL-1	CONSTELLATION BRANDS INC 4 3/4% Due 5/9/2032 MN9	2BFE	24,937,669	25,104,696
				1,442,538	1,465,421						655855-FB-5	NORFOLK SOUTHERN RAIL CO SR UNSEC	2AFE	1,442,538	1,465,421
91278*FY5	Treasury Bond Forward	1A	100,000,000	19,976,068	10,497,666	08/16/2023	11/17/2027	Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)		(10,148,171)	001192-AH-6	SOUTHERN CO GAS CAPITAL CO.GUARNT	2AFE	19,976,068	20,645,837
				27,002,287	28,989,468						018820-AC-4	ALLIANZ SE SERIES 144A	1EFE	27,002,287	28,989,468
				25,000,000	25,651,050						361841-AK-5	GLP CAPITAL LP / FIN II CO.GUARNT	2CFE	25,000,000	25,651,050
				3,136,338	3,112,408						39121J-AH-3	GREAT RIVER ENERGY 1ST MORTG	1GFE	3,136,338	3,112,408
				28,584,423	25,247,930						674599-DJ-1	OCCIDENTAL PETROLEUM COR 6.2% Due 3/15/2040 MS15	2CFE	28,584,423	25,247,930
91278*HH0	Treasury Bond Forward	1E	100,000,000	20,000,000	12,339,462	08/16/2023	08/17/2028	Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)		(10,291,123)	03040W-AD-7	AMERICAN WATER CAP CORP SR UNSEC .	2AFE	20,000,000	22,630,585
				15,029,822	15,342,440						845743-BJ-1	SOUTHWESTERN PUBLIC SERV SR UNSEC	2BFE	15,029,822	15,342,440
				15,344,858	15,538,367						189054-AZ-2	CLOROX COMPANY 4.6% Due 5/1/2032 MN1	2AFE	15,344,858	15,538,367
				10,665,888	10,648,463						036752-AX-1	ELEVANCE HEALTH INC 6.1% Due 10/15/2052 AO15	2AFE	10,665,888	10,648,463
				13,231,706	13,537,848						64971Q-6Y-4	NEW YORK CITY NY TRANSITIONAL New York City Transitiona 4.6	1AFE	13,231,706	13,537,848
				25,973,221	28,570,994						760759-AK-6	REPUBLIC SERVICES INC SR UNSEC	1GFE	25,973,221	28,570,994
91278*FZ2	Treasury Bond Forward	1A	100,000,000	70,000,000	58,434,289	08/17/2023	11/18/2027	Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)		(9,252,211)	452227-FT-3	ILLINOIS ST SALES TAX REVENUE State of Illinois 4.08 06/15/2	1FFE	70,000,000	67,686,500
				6,998,656	7,183,186						00388W-AG-6	ABU DHABI NATIONAL ENERG SR UNSEC	1DFE	6,998,656	7,183,186
				25,381,615	24,090,622						67077M-AF-5	NUTRIEN LTD SR UNSEC	2BFE	25,381,615	24,090,622
91278*GA6	Treasury Bond Forward	1A	100,000,000	29,605,956	19,703,759	08/17/2023	05/18/2028	Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)		(9,563,641)	73358W-RQ-9	PORT AUTH OF NEW YORK & NEW JE Port Authority of New Yor 5.31	1DFE	29,605,956	29,267,400
				4,950,667	4,841,189						714264-AK-4	PERNOD RICARD SA SR UNSEC	2AFE	4,950,667	4,841,189
				26,372,077	25,362,617						33938X-AB-1	FLEX LTD 4 7/8% Due 5/12/2030 MN12	2CFE	26,372,077	25,362,617
				10,900,000	10,773,951						61747Y-FV-2	MORGAN STANLEY VAR % Due 11/19/2055 MN19	1EFE	10,900,000	10,773,951
				28,599,818	29,151,728						05523R-AM-9	BAE SYSTEMS PLC SERIES 144A	1GFE	28,599,818	29,151,728
91278*JQ8	Treasury Bond Forward	1E	100,000,000	51,307,669	52,260,057	08/21/2023	11/22/2027	Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)		(8,775,516)	111021-AE-1	BRITISH TELECOMMUNICATIO SR UNSEC	2BFE	51,307,669	61,035,573
				24,866,033	23,526,769						89352H-AL-3	TRANSCANADA PIPELINES SR UNSEC	2BFE	24,866,033	23,526,769
				24,959,907	22,033,664						94973V-BK-2	ANTHEM INC SR UNSEC	2AFE	24,959,907	22,033,664
91278*GP3	Treasury Bond Forward	1*	50,000,000	5,063,937	1,301,938	08/21/2023	08/22/2028	Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)		(4,569,607)	494368-BC-6	KIMBERLY-CLARK CORP SR UNSEC	1FFE	5,063,937	5,871,545
				19,585,246	19,455,040						893574-AB-9	TRANSCONT GAS PIPE LINE SR UNSEC .	2AFE	19,585,246	19,455,040
				19,817,633	20,356,478						29278G-AX-6	ENEL FINANCE INTL NV SERIES 144A .	2AFE	19,817,633	20,356,478
				5,720,370	5,570,014						92826C-AE-2	VISA INC SR UNSEC	1DFE	5,720,370	5,570,014
91278*HK3	Treasury Bond Forward	1E	100,000,000	3,830,137	(5,529,108)	08/21/2023	05/22/2028	Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)		(8,961,410)	75513E-BU-4	RTX CORP SERIES WI	2AFE	3,830,137	3,432,302
				20,200,000	18,244,420						35561R-AA-5	FRED HUTCH CNCR CTR SERIES 2022 ...	1FFE	20,200,000	18,244,420
				22,875,713	22,438,340						73358W-RQ-9	PORT AUTH OF NEW YORK & NEW JE Port Authority of New Yor 5.31	1DFE	22,875,713	22,438,340
				40,000,000	42,928,588						64989K-GR-1	NEW YORK ST PWR AUTH REVENUE New York Power Authority 5.985	1BFE	40,000,000	42,928,588

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Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
.....	.....	.....	.....	13,730,412	15,292,872	.....	.....	.....	.....	.....	264399-ED-4	DUKE ENERGY CAROLINAS CO.GUARNT ...	2AFE	13,730,412	15,292,872
91278*HM9	Treasury Bond Forward	1E	100,000,000	99,129,463	82,860,746	08/24/2023	11/30/2027	Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)		(11,428,316)	91282C-EP-2	US TREASURY N B 2 7/8% Due 5/15/2032 MN15	1A	99,129,463	94,289,062
.....	.....	.....	.....	1,073,790	1,053,007	.....	.....	.....	.....	.....	375558-CA-9	GILEAD SCIENCES INC 5.55% Due 10/15/2053 AO15	1GFE	1,073,790	1,053,007
91278*GR9	Treasury Bond Forward	1*	100,000,000	99,113,350	82,600,175	08/24/2023	05/30/2028	Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)		(11,688,887)	91282C-EP-2	US TREASURY N B 2 7/8% Due 5/15/2032 MN15	1A	99,113,350	94,289,062
.....	.....	.....	.....	1,135,436	1,104,409	.....	.....	.....	.....	.....	375558-CA-9	GILEAD SCIENCES INC 5.55% Due 10/15/2053 AO15	1GFE	1,135,436	1,104,409
91278*GS7	Treasury Bond Forward	1*	100,000,000	25,065,035	15,293,131	08/29/2023	05/31/2028	Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)		(11,495,084)	136385-AE-1	CANADIAN NATL RESOURCES SR UNSEC	2AFE	25,065,035	26,788,215
.....	.....	.....	.....	37,167,228	38,342,369	.....	.....	.....	.....	.....	172070-CQ-5	DUKE ENERGY OHIO INC SR UNSEC	2AFE	37,167,228	38,342,369
.....	.....	.....	.....	38,244,232	40,589,315	.....	.....	.....	.....	.....	717265-AM-4	FREEPORT MINERALS CORP CO.GUARNT	2BFE	38,244,232	40,589,315
TBD	Treasury Bond Forward	1*	150,000,000	30,000,000	13,936,651	09/01/2023	06/05/2028	Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)		(17,445,718)	677050-AG-1	OGLETHORPE POWER CORP 1ST MORTG ...	2AFE	30,000,000	31,382,369
.....	.....	.....	.....	32,921,108	33,366,281	.....	.....	.....	.....	.....	80413T-AH-2	SAUDI INTERNATIONAL BOND SR UNSEC	1EFE	32,921,108	33,366,281
.....	.....	.....	.....	38,820,622	32,129,278	.....	.....	.....	.....	.....	949746-NL-1	WELS FARGO CO NEW ALT TIER 5.95% Due 12/1/2086 JD15	2BFE	38,820,622	32,129,278
.....	.....	.....	.....	32,000,000	33,037,584	.....	.....	.....	.....	.....	452152-QW-4	ILLINOIS ST State of Illinois 5.52 04/01/2	1GFE	32,000,000	33,037,584
.....	.....	.....	.....	24,250,000	24,755,566	.....	.....	.....	.....	.....	88258M-AB-1	TEXAS NATURAL GAS SECURITIZATI SERIES 2023-1 CLASS A2	1AFE	24,250,000	24,755,566
91278*GT5	Treasury Bond Forward	1E	100,000,000	19,757,541	13,031,832	09/05/2023	06/05/2026	Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)		(8,920,647)	084423-AP-7	BERKLEY -WR CORP SR UNSEC	2AFE	19,757,541	21,952,479
.....	.....	.....	.....	37,698,997	40,166,005	.....	.....	.....	.....	.....	13645R-AE-4	CANADIAN PACIFIC RR CO SR UNSEC ...	2AFE	37,698,997	40,166,005
.....	.....	.....	.....	20,414,707	20,871,985	.....	.....	.....	.....	.....	455780-BJ-4	REPUBLIC OF INDONESIA SR UNSEC	2BFE	20,414,707	20,871,985
.....	.....	.....	.....	22,297,317	22,198,450	.....	.....	.....	.....	.....	910860-AV-0	UNITED MEXICAN STATES SR UNSEC	2BFE	22,297,317	22,198,450
91278*GU2	Treasury Bond Forward	2A	100,000,000	40,406,272	33,312,090	09/05/2023	06/05/2026	Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)		(8,940,237)	89352H-AB-5	TRANSCANADA PIPELINES SR UNSEC	2BFE	40,406,272	42,252,327
.....	.....	.....	.....	26,422,704	27,042,971	.....	.....	.....	.....	.....	126408-GU-1	CSX CORP SR UNSEC	1GFE	26,422,704	27,042,971
.....	.....	.....	.....	33,481,771	35,415,136	.....	.....	.....	.....	.....	29250R-AD-8	ENBRIDGE ENERGY PARTNERS SR UNSEC	2AFE	33,481,771	35,415,136
91278*GV0	Treasury Bond Forward	1E	100,000,000	49,360,466	39,517,650	09/05/2023	12/07/2026	Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)		(9,015,323)	225401-AP-3	UBS GROUP AG SERIES 144A	1FFE	49,360,466	48,532,973
.....	.....	.....	.....	51,461,166	49,638,502	.....	.....	.....	.....	.....	13032U-D9-6	CALIFORNIA ST HLTH FACS FING A 4.353% Due 6/1/2041 JD1	1DFE	51,461,166	49,638,502
91278*HA5	Treasury Bond Forward	2B	100,000,000	24,912,409	15,773,731	09/15/2023	12/18/2026	Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)		(8,867,787)	494550-BK-1	KINDER MORGAN ENER PART CO.GUARNT	2BFE	24,912,409	24,641,518
.....	.....	.....	.....	19,965,564	19,758,060	.....	.....	.....	.....	.....	677052-AA-0	OGLETHORPE POWER CORP 1ST MORTG ...	2AFE	19,965,564	19,758,060
.....	.....	.....	.....	34,100,000	33,788,263	.....	.....	.....	.....	.....	744320-BJ-0	PRUDENTIAL FINANCIAL INC HYB	2BFE	34,100,000	33,788,263
.....	.....	.....	.....	11,984,119	12,360,344	.....	.....	.....	.....	.....	929903-AM-4	WELLS FARGO & CO SUBORD	2BFE	11,984,119	12,360,344
.....	.....	.....	.....	9,054,616	9,145,028	.....	.....	.....	.....	.....	37959E-AB-8	GLOBE LIFE INC 4.8% Due 6/15/2032 JD15	1GFE	9,054,616	9,145,028
91278*HB3	Treasury Bond Forward	1D	100,000,000	39,405,684	27,131,804	09/15/2023	12/18/2028	Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)		(10,136,836)	090572-AQ-1	BIO RAD LABS 3.7% Due 3/15/2032 MS15	2BFE	39,405,684	37,268,640
.....	.....	.....	.....	37,721,877	39,152,378	.....	.....	.....	.....	.....	446150-BD-5	HUNTINGTON BANCSHARES 5.709% Due 2/2/2035 FA2	2AFE	37,721,877	39,152,378
.....	.....	.....	.....	23,017,301	22,014,702	.....	.....	.....	.....	.....	94106L-BB-4	WASTE MANAGEMENT INC CO.GUARNT	1GFE	23,017,301	22,014,702
91278*HS6	Treasury Bond Forward	1*	100,000,000	62,000,000	52,293,336	09/18/2023	12/18/2028	Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)		(9,989,006)	235308-UL-5	DALLAS TX INDEP SCH DIST Dallas Independent School 5.04	1BFE	62,000,000	62,282,342
.....	.....	.....	.....	35,877,556	35,720,258	.....	.....	.....	.....	.....	89602N-UM-4	TRIBOROUGH NY BRIDGE & TUNNEL Triborough Bridge & Tunne 5.42	1DFE	35,877,556	35,720,258
.....	.....	.....	.....	3,129,642	3,595,980	.....	.....	.....	.....	.....	91911T-AE-3	VALE OVERSEAS LIMITED CO.GUARNT ..	2BFE	3,129,642	3,595,980
91278*JX3	Treasury Bond Forward	2A	75,000,000	54,237,853	41,724,437	09/19/2023	12/18/2028	Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)		(7,561,832)	94973V-BB-2	ANTHEM INC SR UNSEC	2AFE	54,237,853	49,286,269
.....	.....	.....	.....	17,133,097	22,375,360	.....	.....	.....	.....	.....	59156R-AJ-7	METLIFE INC SR UNSEC	1GFE	17,133,097	22,375,360
.....	.....	.....	.....	4,318,172	4,326,178	.....	.....	.....	.....	.....	13648T-AD-9	CANADIAN PACIFIC RAILWAY 4.3% Due 5/15/2043 MN15	2AFE	4,318,172	4,326,178
91278*HC1	Treasury Bond Forward	2A	75,000,000	45,278,466	35,304,454	09/20/2023	12/18/2028	Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)		(7,798,383)	375558-BJ-1	GILEAD SCIENCES INC SR UNSEC	1GFE	45,278,466	43,102,837

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Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
				9,987,172	10,565,112						682680-AN-3	ONEOK INC CO.GUARNT	2BFE	9,987,172	10,565,112
				9,929,735	9,797,552						718546-AK-0	PHILLIPS 66 CO.GUARNT	2AFE	9,929,735	9,797,552
				10,947,685	9,730,094						75513E-BT-7	RTX CORP SERIES WI	2AFE	10,947,685	9,730,094
91278*HD9	Treasury Bond Forward	2A	75,000,000	21,418,182	14,415,084	09/21/2023	12/18/2028	Treasury Bond Forward T 4 1/8 08/15/53 (912810TT5)		(6,471,227)	225313-AK-1	CREDIT AGRICOLE SA SUBORD	2AFE	21,418,182	20,886,311
				19,975,821	18,753,115						29379V-BC-6	ENTERPRISE PRODUCTS OPER CO.GUARNT	1GFE	19,975,821	18,753,115
				19,962,667	19,300,398						665772-CG-2	NORTHERN STATES PWR-MINN 1ST MORTG	1FFE	19,962,667	19,300,398
				13,898,490	13,319,642						548661-EH-6	LOWE S COS INC 3 3/4% Due 4/1/2032 AO1	2AFE	13,898,490	13,319,642
91278*KC7	Treasury Bond Forward	1A	275,000,000	65,297,528	40,286,856	06/03/2024	03/06/2029	Treasury Bond Forward T 3.625 05/15/53 (912810TR9)		(18,499,281)	91282C-DY-4	US TREASURY N B 1 7/8% Due 2/15/2032 FA15	1A	65,297,528	58,786,137
91278*KD5	Treasury Bond Forward	1F	150,000,000	30,000,121	19,374,897	06/10/2024	03/13/2029	Treasury Bond Forward T 3.625 05/15/53 (912810TR9)		(9,854,095)	06417X-AG-6	BANK OF NOVA SCOTIA 4.588% Due 5/4/2037 MN4	2AFE	30,000,121	29,228,992
				6,000,000	6,346,239						17325F-BG-2	CITIBANK NA SERIES BKNT	1EFE	6,000,000	6,346,239
91278*KE3	Treasury Bond Forward	2B	100,000,000	25,106,377	15,156,754	06/17/2024	03/20/2029	Treasury Bond Forward T 3.625 05/15/53 (912810TR9)		(8,301,859)	68389X-BD-6	ORACLE CORP SR UNSEC	2BFE	25,106,377	23,458,613
91278* KM5	Treasury Bond Forward	1*	200,000,000	48,100,442	27,709,606	12/04/2024	06/05/2029	Treasury Bond Forward T 3.625 05/15/53 (912810TR9)		(15,147,568)	21036P-BH-0	CONSTELLATION BRANDS INC 2 1/4% Due 8/1/2031 FA1	2BFE	48,100,442	42,857,174
91278*KK9	Treasury Bond Forward	1B	200,000,000	48,888,411	13,868,146	12/04/2024	06/05/2029	Treasury Bond Forward T 3.625 05/15/53 (912810TR9)		(15,201,112)	037833-DZ-0	APPLE INC 2.4% Due 8/20/2050 FA20	1BFE	48,888,411	29,069,258
91278*KP8	Treasury Bond Forward	1*	100,000,000	25,000,000	20,889,955	12/12/2024	03/20/2030	Treasury Bond Forward T 4.125 08/15/53 (912810TT5)		(6,784,927)	06738E-CL-7	BARCLAYS PLC VAR % Due 9/13/2034 MS13	2AFE	25,000,000	27,674,882
91278*KG8	Treasury Bond Forward	2A	400,000,000	70,000,000	53,515,782	12/13/2024	12/14/2029	Treasury Bond Forward T 4.125 08/15/53 (912810TT5)		(24,553,493)	12803R-AC-8	CAIXABANK SA SERIES 144A	2AFE	70,000,000	78,069,275
				26,188,248	24,945,987						00287Y-AV-1	ABBVIE INC SR UNSEC	1GFE	26,188,248	24,945,987
TBD	Treasury Bond Forward	1*	100,000,000	23,050,172	11,393,187	12/16/2024	03/20/2030	Treasury Bond Forward T 3.625 05/15/53 (912810TR9)		(5,629,097)	883556-CM-2	THERMO FISHER SCIENTIFIC 2.8% Due 10/15/2041 AO15	1GFE	23,050,172	17,022,284
TBD	Treasury Bond Forward	1*	100,000,000	23,060,955	14,098,454	12/16/2024	06/18/2030	Treasury Bond Forward T 3.625 05/15/53 (912810TR9)		(5,697,415)	001192-AK-9	SOUTHERN CO GAS CAPITAL CO.GUARNT	2AFE	23,060,955	19,795,869
91278*KJ2	Treasury Bond Forward	1A	200,000,000	44,403,887	27,407,834	03/19/2025	06/18/2030	Treasury Bond Forward T 3.625 05/15/53 (912810TR9)		(10,538,455)	912810-TH-1	US TREASURY N B 3 1/8% Due 5/15/2042 MN15	1A	44,403,887	37,946,289
91278*KQ6	Treasury Bond Forward	1*	50,000,000	11,981,341	10,770,738	04/08/2025	06/18/2030	Treasury Bond Forward T 3.625 05/15/53 (912810TN8)		(1,592,778)	74456Q-AP-1	PUBLIC SERVICE EL & GAS SR SEC	1FFE	11,981,341	12,363,516
91278* KR4	Treasury Bond Forward	1*	50,000,000	11,651,043	9,179,273	04/11/2025	07/10/2026	Treasury Bond Forward T 3.625 05/15/53 (912810TR9)		1,082,554	912810-TA-6	US TREASURY N/B 1 3/4% Due 8/15/2041 FA15	1A	11,651,043	8,096,719
TBD	Treasury Bond Forward	1*	100,000,000	22,129,478	15,172,615	06/25/2025	06/26/2028	Treasury Bond Forward T 3.625 05/15/53 (912810TR9)		165,435	570535-AX-2	MARKEL CORP 3.45% Due 5/7/2052 MN7	2BFE	22,129,478	15,007,180
TBD	Treasury Bond Forward	1*	100,000,000	22,063,466	18,217,080	07/02/2025	07/07/2028	Treasury Bond Forward T 3.625 05/15/53 (912810TR9)		(61,049)	589331-AS-6	MERCK & CO INC SR UNSEC	1EFE	22,063,466	18,278,129
TBD	Treasury Bond Forward	1*	100,000,000	22,045,828	21,597,070	07/03/2025	07/07/2028	Treasury Bond Forward T 3.625 05/15/53 (912810TR9)		(152,969)	459200-LK-5	IBM CORP 5.7% Due 2/10/2055 FA10	1GFE	22,045,828	21,750,039
TBD	Treasury Bond Forward	1*	50,000,000	11,981,621	11,716,022	07/03/2025	07/09/2029	Treasury Bond Forward T 3.625 05/15/53 (912810TR9)		(215,072)	91282C-GJ-4	US TREASURY N B 3 1/2% Due 1/31/2030 JJ31	1A	11,981,621	11,931,094
91278*KZ6	Treasury Bond Forward	1*	50,000,000	10,758,766	7,191,405	07/03/2025	07/07/2031	Treasury Bond Forward T 3.625 05/15/53 (912810TR9)		(678,825)	79466L-AK-0	SALESFORCE COM INC 2.7% Due 7/15/2041 JJ15	1EFE	10,758,766	7,870,230
TBD	Treasury Bond Forward	1*	50,000,000	11,037,714	11,401,333	07/09/2025	07/07/2028	Treasury Bond Forward T 3.625 05/15/53 (912810TR9)		309,380	91282C-FY-2	US TREASURY N B 3 7/8% Due 11/30/2029 MN31	1A	11,037,714	11,091,953
91278*LB8	Treasury Bond Forward	1*	50,000,000	11,037,714	11,220,786	07/09/2025	07/09/2029	Treasury Bond Forward T 3.625 05/15/53 (912810TR9)		128,833	91282C-FY-2	US TREASURY N B 3 7/8% Due 11/30/2029 MN31	1A	11,037,714	11,091,953
TBD	Treasury Bond Forward	1*	50,000,000	11,139,696	10,042,016	07/10/2025	07/07/2028	Treasury Bond Forward T 3.625 05/15/53 (912810TR9)		155,516	912810-TK-4	US TREASURY N B 3 3/8% Due 8/15/2042 FA15	1A	11,139,696	9,886,500
91278* LC6	Treasury Bond Forward	1*	250,000,000	48,034,806	36,334,770	07/10/2025	07/11/2030	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		(2,071,450)	637071-AK-7	NATIONAL OILWELL VARCO I SR UNSEC	2BFE	48,034,806	38,406,220
				40,295,162	24,585,500						29366M-AB-4	ENTERGY ARKANSAS LLC 2.65% Due 6/15/2051 JD15	1FFE	40,295,162	24,585,500
91278* LD4	Treasury Bond Forward	1*	150,000,000	6,207,000	5,914,940	07/11/2025	07/16/2029	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		463,108	03115A-AA-1	AMFAM HOLDINGS INC SERIES 144A	2CFE	6,207,000	5,451,832

SCHEDULE DB - PART C - SECTION 1

Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
.....	.....	.....	.....	42,813,564	38,857,986	.....	.....	.....	.....	.....	632525-AU-5	NATIONAL AUSTRALIA BANK SERIES 144A	1GFE	42,813,564	38,857,986
91278* LE2	Treasury Bond Forward	1*	100,000,000	32,363,490	26,121,106	07/11/2025	07/16/2029	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		556,963	93884P-DW-7	WASHINGTON GAS LIGHT CO SR UNSEC	1GFE	32,363,490	25,564,143
91278* LF9	Treasury Bond Forward	1*	100,000,000	32,000,000	29,961,334	07/11/2025	07/16/2029	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		814,809	86562M-CB-4	SUMITOMO MITSUI FINL GRP 2.13% Due 7/8/2030 JJ8	1GFE	32,000,000	29,146,525
91278* LL6	Treasury Bond Forward	1*	50,000,000	16,107,084	16,112,596	07/11/2025	07/16/2029	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		463,788	92343V-GW-8	VERIZON COMMUNICATIONS 5 1/2% Due 2/23/2054 FA23	2AFE	16,107,084	15,648,808
91278* LG7	Treasury Bond Forward	1*	150,000,000	52,908,237	50,397,897	07/14/2025	07/15/2030	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		994,030	91282C-FF-3	US TREASURY NB 2 3/4% Due 8/15/2032 FA15	1A	52,908,237	49,403,867
91278* LH5	Treasury Bond Forward	1*	100,000,000	19,801,207	12,041,757	07/15/2025	07/16/2029	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		934,677	046353-AX-6	ASTRAZENECA PLC 2 1/8% Due 8/6/2050 FA6	1EFE	19,801,207	11,107,080
.....	.....	.....	.....	28,216,907	25,469,882	.....	.....	.....	.....	.....	29278G-AP-3	ENEL FINANCE INTL NV SERIES 144A	2AFE	28,216,907	25,469,882
91278* LJ1	Treasury Bond Forward	1*	100,000,000	32,860,932	31,297,130	07/15/2025	07/25/2029	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		1,165,289	571748-BN-1	MARSH & MCLENNAN COS INC 2 1/4% Due 11/15/2030 MN15	1GFE	32,860,932	30,131,841
91278* LK8	Treasury Bond Forward	1*	100,000,000	32,397,044	31,596,448	07/15/2025	07/25/2029	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		1,353,762	369550-BH-0	GENERAL DYNAMICS CORP 4 1/4% Due 4/1/2040 AO1	1FFE	32,397,044	30,242,686
91278*LM4	Treasury Bond Forward	1*	100,000,000	32,000,000	34,021,795	07/15/2025	07/25/2029	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		1,381,031	251526-CY-3	DEUTSCHE BANK NY VAR % Due 9/11/2035 MS11	2AFE	32,000,000	32,640,764
91278*LN2	Treasury Bond Forward	1*	100,000,000	33,623,484	28,798,081	07/15/2025	07/15/2030	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		900,337	07274N-BG-7	BAYER US FINANCE II LLC CO.GUARNT	2BFE	33,623,484	27,897,744
.....	.....	.....	.....	440,499	373,430	.....	.....	.....	.....	.....	341081-FH-5	FLORIDA POWER & LIGHT CO 1ST MORTG	1EFE	440,499	373,430
91278*LP7	Treasury Bond Forward	1*	200,000,000	32,020,133	35,463,228	07/15/2025	07/25/2029	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		3,035,572	912810-UK-2	US TREASURY N B 4 3/4% Due 5/15/2055 MN15	1A	32,020,133	32,427,656
91278*LQ5	Treasury Bond Forward	1*	100,000,000	32,000,000	30,030,952	07/15/2025	07/15/2030	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		940,960	05971K-AG-4	BANCO SANTANDER SA 2.749% Due 12/3/2030 JD3	2AFE	32,000,000	29,089,992
91278* LR3	Treasury Bond Forward	1*	100,000,000	32,981,052	27,354,185	07/16/2025	07/25/2029	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		2,132,751	031162-CR-9	AMGEN INC 3.15% Due 2/21/2040 FA21	2AFE	32,981,052	25,221,434
91278*LS1	Treasury Bond Forward	1*	100,000,000	31,215,523	21,353,397	07/16/2025	07/25/2029	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		2,411,786	89417E-AQ-2	TRAVELERS COS INC 2.55% Due 4/27/2050 AO27	1FFE	31,215,523	18,941,611
91278*LT9	Treasury Bond Forward	1*	100,000,000	34,490,515	35,492,583	07/17/2025	07/25/2030	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		1,025,378	72284K-AB-7	PINE STREET TRUST III SERIES 144A	2AFE	34,490,515	34,467,205
TBD	Treasury Bond Forward	1*	100,000,000	22,966,135	22,100,435	07/17/2025	07/25/2030	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		1,015,605	907818-EB-0	UNION PACIFIC CORP SR UNSEC	1GFE	22,966,135	21,084,830
.....	.....	.....	.....	11,134,641	10,112,779	.....	.....	.....	.....	.....	29444U-BH-8	EQUINIX INC 2.15% Due 7/15/2030 JJ15	2BFE	11,134,641	10,112,779
91278*LV4	Treasury Bond Forward	1*	100,000,000	34,005,196	23,265,101	07/18/2025	07/25/2030	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		1,124,785	00206R-KE-1	AT&T INC 3.3% Due 2/1/2052 FA1	2BFE	34,005,196	22,140,316
91278*LW2	Treasury Bond Forward	1*	100,000,000	34,573,780	36,506,771	07/18/2025	07/25/2030	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		995,772	75968N-AG-6	RENAISSANCERE HOLDINGS L 5.8% Due 4/1/2035 AO1	1GFE	34,573,780	35,510,999
TBD	Treasury Bond Forward	1*	100,000,000	36,189,911	22,877,693	07/23/2025	07/24/2031	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		(385,663)	912810-SR-0	US TREASURY N/B 1 1/8% Due 5/15/2040 MN15	1A	36,189,911	23,263,356
TBD	Treasury Bond Forward	1*	200,000,000	71,504,159	45,645,557	07/23/2025	07/24/2031	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		(766,912)	912810-SR-0	US TREASURY N/B 1 1/8% Due 5/15/2040 MN15	1A	71,504,159	46,412,469
91278*LZ5	Treasury Bond Forward	1*	100,000,000	36,221,567	23,181,285	07/24/2025	07/24/2031	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		(142,648)	912810-SR-0	US TREASURY N/B 1 1/8% Due 5/15/2040 MN15	1A	36,221,567	23,323,933
TBD	Treasury Bond Forward	1*	100,000,000	36,076,980	35,125,324	07/31/2025	08/12/2031	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		(1,546,780)	901928-AA-9	200 PARK FUNDING TRUST SERIES 144A	1GFE	36,076,980	36,672,104
91278*MA9	Treasury Bond Forward	1*	100,000,000	36,071,012	24,716,181	07/31/2025	08/12/2031	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		(1,540,846)	29280H-AB-8	ENEL FINANCE AMERICA LLC SERIES 144A	2BFE	36,071,012	26,257,027
91278*MB7	Treasury Bond Forward	1*	100,000,000	36,007,799	23,450,092	07/31/2025	08/12/2031	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		(1,493,999)	53079E-BK-9	LIBERTY MUTUAL GROUP INC SERIES 144A	2BFE	36,007,799	24,944,091
TBD	Treasury Bond Forward	1*	100,000,000	36,798,107	23,317,651	07/31/2025	08/12/2031	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		(1,430,724)	29670G-AE-2	ESSENTIAL UTLITIES INC 3.351% Due 4/15/2050 AO15	2BFE	36,798,107	24,748,375
TBD	Treasury Bond Forward	1*	50,000,000	12,000,000	11,476,636	08/04/2025	08/02/2027	Treasury Bond Forward T 3.625 02/15/53 (91810TN8)		(207,115)	632525-AS-0	NATIONAL AUSTRALIA BANK SUBORD	1GFE	12,000,000	11,683,751
TBD	Treasury Bond Forward	1*	100,000,000	37,000,000	20,601,425	08/06/2025	08/12/2031	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		(2,030,504)	644188-BG-8	NEW ENGLAND POWER CO SERIES 144A	1GFE	37,000,000	22,631,929

SCHEDULE DB - PART C - SECTION 1

Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
TBD	Treasury Bond Forward	1*	100,000,000	36,047,990	35,768,392	08/06/2025	08/12/2031	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		(1,679,391)	87088Q-AB-0	SWISS RE SUB FIN PLC SERIES 144A	2AFE	36,047,990	37,447,783
TBD	Treasury Bond Forward	1*	100,000,000	36,103,887	30,660,700	08/06/2025	08/12/2031	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		(1,636,564)	04316J-AA-7	ARTHUR J GALLAGHER & CO 2.4% Due 11/9/2031 MN9	2BFE	36,103,887	32,297,264
TBD	Treasury Bond Forward	1*	100,000,000	17,258,776	13,922,240	08/07/2025	08/12/2031	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		(1,725,264)	456837-AW-3	ING GROEP NV VAR % Due 4/1/2032 A01	1GFE	17,258,776	15,647,504
				19,064,613	18,728,055						65249B-AB-5	NEWS CORP SERIES 144A	2CFE	19,064,613	18,728,055
TBD	Treasury Bond Forward	1*	100,000,000	21,203,169	19,626,940	08/08/2025	08/19/2031	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		(1,490,361)	025816-EH-8	AMERICAN EXPRESS CO VAR % Due 4/25/2036 A025	1FFE	21,203,169	21,117,301
				16,000,000	14,933,389						95000U-2U-6	WELLS FARGO & COMPANY SERIES MTN	2AFE	16,000,000	14,933,389
TBD	Treasury Bond Forward	1*	100,000,000	25,539,035	24,876,206	08/08/2025	08/19/2031	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		(1,456,001)	29250N-BR-5	ENBRIDGE INC 5.7% Due 3/8/2033 MS8	2AFE	25,539,035	26,332,207
				11,000,000	11,682,075						98971D-AC-4	ZIONS BANCORP NA VAR % Due 11/19/2035 MN19	2BFE	11,000,000	11,682,075
91278*MK7	Treasury Bond Forward	1*	100,000,000	6,059,355	4,871,040	08/08/2025	08/19/2031	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		(1,347,788)	892938-AB-7	TRANE TECH FIN LTD 5.1% Due 6/13/2034 JD13	1GFE	6,059,355	6,218,828
				30,772,927	31,382,025						056121-AB-2	BPCE SA SERIES 144A	2AFE	30,772,927	31,382,025
TBD	Treasury Bond Forward	1*	100,000,000	25,283,363	25,046,751	08/08/2025	08/19/2031	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		(1,337,066)	00135T-AE-4	AIB GROUP PLC SERIES 144A	2AFE	25,283,363	26,383,817
				10,851,637	11,262,429						92345Y-AJ-5	VERISK ANALYTICS INC 5 1/4% Due 6/5/2034 JD5	2BFE	10,851,637	11,262,429
91278*ML5	Treasury Bond Forward	1*	100,000,000	34,586,604	34,128,913	08/08/2025	08/19/2031	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		(1,436,414)	55261F-AV-6	M&T BANK CORPORATION SERIES MTN	2AFE	34,586,604	35,565,327
				2,173,726	2,109,134						70109H-AM-7	PARKER-HANNIFIN CORP SR UNSEC	2AFE	2,173,726	2,109,134
91278*MM3	Treasury Bond Forward	1*	100,000,000	36,056,446	20,549,510	08/12/2025	08/19/2031	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		(1,425,199)	71427Q-AC-2	PERNOD RIC INTL FIN LLC SERIES 144A	2AFE	36,056,446	21,974,709
91278*MN1	Treasury Bond Forward	1*	100,000,000	36,078,718	20,081,101	08/12/2025	08/19/2031	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		(1,454,984)	136375-CZ-3	CANADIAN NATL RAILWAY 2.45% Due 5/1/2050 MN1	1FFE	36,078,718	21,536,085
91278*MP6	Treasury Bond Forward	1*	100,000,000	36,196,899	26,101,531	08/12/2025	08/19/2031	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		(1,132,384)	009158-AZ-9	AIR PRODUCTS & CHEMICALS 2.7% Due 5/15/2040 MN15	1FFE	36,196,899	27,233,915
91278*MQ4	Treasury Bond Forward	1*	100,000,000	36,417,682	28,641,384	08/12/2025	08/19/2031	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		(845,611)	23291K-AJ-4	DH EUROPE FINANCE II 3 1/4% Due 11/15/2039 MN15	1GFE	36,417,682	29,486,995
91278*MR2	Treasury Bond Forward	1*	100,000,000	36,043,851	29,362,037	08/12/2025	08/19/2031	Treasury Bond Forward T 4.75 05/15/55 (912810UK2)		(926,957)	95709T-AJ-9	WESTAR ENERGY INC 1ST MORTG	1FFE	36,043,851	30,288,994
TBD	Treasury Bond Forward	1*	100,000,000	15,000,000	12,089,439	08/14/2025	08/26/2031	Treasury Bond Forward T 4.75 08/15/55 (912810UM8)		(1,560,885)	556079-AD-3	MACQUARIE BANK LTD SERIES 144A	2AFE	15,000,000	13,650,324
				21,301,064	20,201,758						373334-KR-1	GEORGIA POWER CO 5 1/8% Due 5/15/2052 MN15	1FFE	21,301,064	20,201,758
91278*MT8	Treasury Bond Forward	1*	100,000,000	14,408,924	12,895,867	08/14/2025	08/26/2031	Treasury Bond Forward T 4.75 08/15/55 (912810UM8)		(1,501,516)	912834-PZ-5	STRIPS Due 2/15/2046 At Mat	1A	14,408,924	14,397,383
				21,592,124	18,092,548						126408-GY-3	CSX CORP SR UNSEC	1GFE	21,592,124	18,092,548
91278*MU5	Treasury Bond Forward	1*	100,000,000	36,827,106	36,607,668	08/14/2025	08/26/2031	Treasury Bond Forward T 4.75 08/15/55 (912810UM8)		(1,315,309)	912810-UF-3	US TREASURY N B 4 5/8% Due 11/15/2044 MN15	1A	36,827,106	37,922,977
91278*MV3	Treasury Bond Forward	1*	100,000,000	36,136,458	36,149,509	08/14/2025	08/26/2031	Treasury Bond Forward T 4.75 08/15/55 (912810UM8)		(1,087,522)	912810-UF-3	US TREASURY N B 4 5/8% Due 11/15/2044 MN15	1A	36,136,458	37,237,031
TBD	Treasury Bond Forward	1*	100,000,000	27,916,279	29,160,252	08/15/2025	11/10/2027	Treasury Bond Forward T 4.75 08/15/55 (912810UM8)		878,575	58933Y-BT-1	MERCK & CO INC 5.7% Due 9/15/2055 MS15	1EFE	27,916,279	28,281,677
TBD	Treasury Bond Forward	1*	100,000,000	27,177,008	25,696,035	08/15/2025	11/10/2027	Treasury Bond Forward T 4.75 08/15/55 (912810UM8)		988,202	045054-AP-8	ASHTEAD CAPITAL INC SERIES 144A	2CFE	27,177,008	24,707,833
TBD	Treasury Bond Forward	1*	50,000,000	16,050,000	13,593,755	11/06/2025	08/05/2033	Treasury Bond Forward T 3 08/15/2052 (912810TJ7)		(2,044,588)	59447T-CZ-4	MICHIGAN ST FIN AUTH REVENUE Michigan Finance Authorit 4.19	1CFE	16,050,000	15,638,343
TBD	Treasury Bond Forward	1*	100,000,000	22,120,408	19,993,455	11/13/2025	11/17/2026	Treasury Bond Forward T 3 08/15/2052 (912810TJ7)		(1,962,656)	824348-AW-6	SHERWIN-WILLIAMS CO SR UNSEC	2BFE	22,120,408	21,956,111
TBD	Treasury Bond Forward	1*	100,000,000	25,000,000	24,132,321	11/21/2025	11/19/2027	Treasury Bond Forward T 4.125 08/15/53 (912810TT5)		(1,903,997)	74815H-CP-5	PROVINCE OF QUEBEC UNSEC	1DFE	25,000,000	26,036,318
TBD	Treasury Bond Forward	1*	100,000,000	25,733,423	21,260,759	11/25/2025	06/05/2026	Treasury Bond Forward T 4.125 08/15/53 (912810TT5)		(2,862,071)	716973-AH-5	PFIZER INVESTMENT ENTER 5.34% Due 5/19/2063 MN19	1FFE	25,733,423	24,122,830
				333,998	283,145						341081-FH-5	FLORIDA POWER & LIGHT CO 1ST MORTG	1EFE	333,998	283,145

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Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
TBD	Treasury Bond Forward	1*	100,000,000	23,909,535	18,427,251	12/05/2025	06/08/2033	Treasury Bond Forward T 4.125 08/15/53 (912810TT5)		(3,617,788)	254687-EF-9	WALT DISNEY COMPANY THE SERIES WI	1FFE	23,909,535	22,045,039
				14,253,138	13,499,378						06368D-H7-2	BANK OF MONTREAL 3.088% Due 1/10/2037 JJ10	2AFE	14,253,138	13,499,378
91283#AD5	Asset Swap	1A	10,000,000	10,054,027	6,436,706	11/04/2016	07/15/2026	Asset Swap Receive 2.158% Pay floating		(3,504,736)	912828-S5-0	TSY INFL IX N/B United States Treasury In .125	1A	10,054,027	9,941,442
81379LA@5	Interest Rate Swap	1D	25,000,000	24,563,563	19,947,217	08/26/2020	08/28/2030	Interest Rate Swap Pay SOFR Receive 0.4565%		(3,206,103)	912810-QK-7	US TREASURY N/B United States Treasury No 3.87	1A	24,563,563	23,153,320
				1,000,550	1,075,994						20772G-F4-5	CONNECTICUT ST State of Connecticut 5.85 03/1	1CFE	1,000,550	1,075,994
81379LA*7	Interest Rate Swap	1D	25,000,000	23,547,782	19,977,150	08/26/2020	08/28/2030	Interest Rate Swap Pay SOFR Receive 0.476%		(3,176,170)	912810-QK-7	US TREASURY N/B United States Treasury No 3.87	1A	23,547,782	23,153,320
				2,075,293	2,205,787						20772G-F4-5	CONNECTICUT ST State of Connecticut 5.85 03/1	1CFE	2,075,293	2,205,787
TBD	Interest Rate Swap	1*	150,000,000	10,944,040	8,771,926	06/26/2025	06/30/2030	Interest Rate Swap Pay SOFR Receive 3.4435%		63,518	775109-BG-5	ROGERS COMMUNICATIONS IN CO.GUARNT	2CFE	10,944,040	8,708,408
TBD	Interest Rate Swap	1*	150,000,000	10,387,178	6,115,800	06/26/2025	06/30/2030	Interest Rate Swap Pay SOFR Receive 3.4578%		152,165	92826C-AQ-5	VISA INC 2% Due 8/15/2050 FA15	1DFE	10,387,178	5,963,635
TBD	Interest Rate Swap	1*	100,000,000	7,000,000	6,238,435	06/27/2025	07/01/2030	Interest Rate Swap Pay SOFR Receive 3.4650%		129,038	91159H-JB-7	US BANCORP 2.491% Due 11/3/2036 MN3	1GFE	7,000,000	6,109,397
TBD	Interest Rate Swap	1*	100,000,000	7,007,399	6,911,658	06/27/2025	07/01/2030	Interest Rate Swap Pay SOFR Receive 3.4613%		113,656	437076-DF-6	HOME DEPOT INC 5.3% Due 6/25/2054 JD25	1FFE	7,007,399	6,798,002
TBD	Interest Rate Swap	1*	100,000,000	7,093,180	7,295,528	06/30/2025	07/02/2030	Interest Rate Swap Pay SOFR Receive 3.4546%		85,205	7591EP-AV-2	REGIONS FINANCIAL CORP VAR % Due 9/6/2035 MS6	2AFE	7,093,180	7,210,323
TBD	Interest Rate Swap	1*	250,000,000	27,012,624	26,254,517	12/05/2025	12/12/2035	Interest Rate Swap Receive 3.724 Pay SOFR		(1,525,412)	60687Y-DM-8	MIZUHO FINANCIAL GROUP VAR % Due 7/8/2036 JJ8	1GFE	27,012,624	27,779,929
TBD	Interest Rate Swap	1*	250,000,000	27,014,185	26,192,581	12/08/2025	12/12/2035	Interest Rate Swap Receive 3.757 Pay SOFR		(850,723)	55354G-AS-9	MSCI INC 5.15% Due 3/15/2036 MS15	2CFE	27,014,185	27,043,304
TBD	Interest Rate Swap	1*	250,000,000	27,746,952	27,278,172	12/09/2025	12/12/2035	Interest Rate Swap Receive 3.76 Pay SOFR		(783,742)	91159H-JU-5	US BANCORP VAR % Due 2/12/2036 FA12	1FFE	27,746,952	28,061,914
TBD	Interest Rate Swap	1*	250,000,000	27,019,838	26,505,312	12/09/2025	12/12/2035	Interest Rate Swap Receive 3.77 Pay SOFR		(579,137)	502431-AV-1	L3HARRIS TECH INC 5 1/2% Due 8/15/2054 FA15	2BFE	27,019,838	27,084,449
TBD	Interest Rate Swap	1*	250,000,000	97,402,305	86,757,572	09/22/2025	09/24/2055	Interest Rate Swap FED FUND RATES Receive 4.0815%		(8,605,553)	912810-UM-8	US TREASURY N B 4 3/4% Due 8/15/2055 FA15	1A	97,402,305	95,363,125
TBD	Interest Rate Swap	1*	250,000,000	34,092,887	11,840,166	09/22/2025	09/24/2055	Interest Rate Swap FED FUND RATE Receive 4.083%		(8,557,210)	191216-DC-1	COCA COLA CO THE 2 1/2% Due 3/15/2051 MS15	1FFE	34,092,887	20,397,376
				5,767,275	3,331,879						278865-BG-4	ECOLAB INC 2 1/8% Due 8/15/2050 FA15	1GFE	5,767,275	3,331,879
				28,932,130	24,946,584						58013M-FK-5	MCDONALD'S CORP SR UNSEC	2AFE	28,932,130	24,946,584
				28,812,913	18,285,413						695114-CX-4	PACIFICORP 3.3% Due 3/15/2051 MS15	2AFE	28,812,913	18,285,413
TBD	Interest Rate Swap	1*	250,000,000	25,157,914	13,239,226	09/22/2025	09/24/2055	Interest Rate Swap FED FUND RATE Receive 4.072%		(8,911,725)	05583J-AJ-1	BPCE SA SERIES 144A	2AFE	25,157,914	22,150,951
				24,956,600	22,420,834						431282-AT-9	HIGHWOODS REALTY LP 2.6% Due 2/1/2031 FA1	2CFE	24,956,600	22,420,834
				31,585,801	24,631,634						744320-BA-9	PRUDENTIAL FINANCIAL INC SR UNSEC	1GFE	31,585,801	24,631,634
				15,339,442	12,091,617						743315-AQ-6	PROGRESSIVE CORP SR UNSEC	1FFE	15,339,442	12,091,617
TBD	Interest Rate Swap	1*	100,000,000	19,491,269	14,123,717	09/22/2025	09/24/2055	Interest Rate Swap FED FUND RATE Receive 4.068%		(3,616,256)	05523R-AF-4	BAE SYSTEMS PLC SERIES 144A	1GFE	19,491,269	17,739,973
				20,352,448	18,472,897						075887-CL-1	BECTON DICKINSON AND CO 1.957% Due 2/11/2031 FA11	2BFE	20,352,448	18,472,897
TBD	Interest Rate Swap	1*	200,000,000	4,456,593	(4,937,176)	09/23/2025	09/23/2030	Interest Rate Swap FED FUND RATE Receive 4.055%		(7,568,113)	713448-EP-9	PEPSICO INC 2 7/8% Due 10/15/2049 AO15	1EFE	4,456,593	2,630,937
				32,291,206	29,031,767						681919-BD-7	OMNICOM GROUP INC 2.6% Due 8/1/2031 FA1	2AFE	32,291,206	29,031,767
				29,896,518	26,767,008						74460D-AJ-8	PUBLIC STORAGE 2 1/4% Due 11/9/2031 MN9	1FFE	29,896,518	26,767,008
				11,983,983	10,662,218						521865-BC-8	LEAR CORP 2.6% Due 1/15/2032 JJ15	2BFE	11,983,983	10,662,218

SCHEDULE DB - PART C - SECTION 1

Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
TBD	Interest Rate Swap	1*	250,000,000	44,285,240	35,672,377	09/23/2025	09/25/2055	Interest Rate Swap FED FUND RATE Receive 4.0625%		(9,218,427)	14149Y-BT-4	CARDINAL HEALTH INC 5 3/4% Due 11/15/2054 MN15	2BFE	44,285,240	44,890,804
				45,882,012	45,979,634						65473P-AU-9	NISOURCE INC 5.85% Due 4/1/2055 A01	2BFE	45,882,012	45,979,634
				6,841,665	6,857,298						69448F-AB-7	PACIFIC LIFE INSURANCE C SERIES 144A	1FFE	6,841,665	6,857,298
TBD	Interest Rate Swap	1*	250,000,000	34,215,911	23,462,879	09/24/2025	09/26/2055	Interest Rate Swap FED FUND RATE Receive 4.044%		(9,816,590)	438516-CU-8	HONEYWELL INTERNATIONAL 5.35% Due 3/1/2064 MS1	1FFE	34,215,911	33,279,469
				33,538,558	32,587,591						713448-FZ-6	PEPSICO INC 5 1/4% Due 7/17/2054 JJ17	1EFE	33,538,558	32,587,591
				30,139,513	29,791,658						75513E-CS-8	RTX CORP 5 3/8% Due 2/27/2053 FA27	2AFE	30,139,513	29,791,658
TBD	Interest Rate Swap	1*	200,000,000	15,962,170	8,573,912	09/24/2025	09/26/2055	Interest Rate Swap FED FUND RATE Receive 4.044%		(7,891,940)	29273V-BA-7	ENERGY TRANSFER LP 5.6% Due 9/1/2034 MS1	2BFE	15,962,170	16,465,852
				34,982,096	36,076,820						571676-BA-2	MARS INC SERIES 144A	1FFE	34,982,096	36,076,820
				27,094,287	27,023,040						532457-CY-2	ELI LILLY & CO 5 1/2% Due 2/12/2055 FA12	1EFE	27,094,287	27,023,040
TBD	Interest Rate Swap	1*	250,000,000	36,540,293	27,206,894	09/24/2025	09/26/2055	Interest Rate Swap FED FUND RATE Receive 4.041%		(9,913,260)	571676-BB-0	MARS INC SERIES 144A	1FFE	36,540,293	37,120,154
				36,382,515	36,273,195						87268L-AB-3	TR FINANCE LLC 5.85% Due 4/15/2040 A015	1GFE	36,382,515	36,273,195
				25,400,629	26,318,524						82622R-AF-3	SIEMENS FUNDING BV SERIES 144A	1DFE	25,400,629	26,318,524
TBD	Interest Rate Swap	1*	200,000,000	36,717,470	23,325,789	09/25/2025	09/27/2055	Interest Rate Swap FED FUND RATE Receive 4.038%		(8,047,657)	75884R-AW-3	REGENCY CENTERS LP CO.GUARNT	1GFE	36,717,470	31,373,446
				30,521,477	31,193,583						87268L-AE-7	TR FINANCE LLC 5 1/2% Due 8/15/2035 FA15	1GFE	30,521,477	31,193,583
				11,116,323	10,077,573						35805B-AB-4	FRESENIUS MED CARE III SERIES 144A	2CFE	11,116,323	10,077,573
TBD	Interest Rate Swap	1*	200,000,000	34,329,758	23,058,708	09/26/2025	09/26/2030	Interest Rate Swap FED FUND RATE Receive 4.045%		(7,830,839)	502431-AN-9	L3HARRIS TECH INC 1.8% Due 1/15/2031 JJ15	2BFE	34,329,758	30,889,547
				34,756,173	30,322,180						0778FP-AG-4	BELL CANADA SERIES US-5	2BFE	34,756,173	30,322,180
				9,791,541	8,376,328						92940P-AG-9	WRKCO INC 3% Due 6/15/2033 JD15	2BFE	9,791,541	8,376,328
TBD	Interest Rate Swap	1*	200,000,000	34,147,878	20,613,709	09/26/2025	09/26/2030	Interest Rate Swap FED FUND RATE Receive 4.044%		(7,856,602)	07274N-BE-2	BAYER US FINANCE II LLC CO.GUARNT	2BFE	34,147,878	28,470,311
				30,815,353	23,046,835						23338V-AL-0	DTE ELECTRIC CO 2.95% Due 3/1/2050 MS1	1FFE	30,815,353	23,046,835
				13,101,908	11,127,132						66989H-AK-4	NOVARTIS CAPITAL CORP CO.GUARNT	1DFE	13,101,908	11,127,132
TBD	Interest Rate Swap	1*	200,000,000	11,114,846	1,302,698	09/26/2025	09/26/2030	Interest Rate Swap FED FUND RATE Receive 4.0458%		(7,495,922)	025932-AL-8	AMERICAN FINANCIAL GROUP SR UNSEC	2AFE	11,114,846	8,798,620
				34,809,107	20,508,511						58933Y-BB-0	MERCK & CO INC 2.45% Due 6/24/2050 JD24	1EFE	34,809,107	20,508,511
				32,135,393	28,434,176						760759-AZ-3	REPUBLIC SERVICES INC 1 3/4% Due 2/15/2032 FA15	1GFE	32,135,393	28,434,176
TBD	Interest Rate Swap	1*	200,000,000	32,768,812	20,466,642	09/30/2025	09/30/2030	Interest Rate Swap FED FUND RATE Receive 4.052%		(7,653,059)	00185A-AC-8	AON PLC CO.GUARNT	2AFE	32,768,812	28,119,701
				12,321,043	8,053,644						375558-BT-9	GILEAD SCIENCES INC 2.8% Due 10/1/2050 A01	1GFE	12,321,043	8,053,644
				33,017,348	25,202,291						874060-AY-2	TAKEDA PHARMACEUTICAL 3.025% Due 7/9/2040 JJ9	2AFE	33,017,348	25,202,291
TBD	Swaption (Receiver)	1*	500,000,000	20,759,423	13,586,219	10/28/2025	10/28/2030	Swaption (Receiver) Receive 3 Pay SOFR	17,552,136	11,337,731		THERMO FISHER SCIENTIFIC 2.382% Due 10/18/2052 A018	1GFE	3,207,287	2,248,488
				16,469,761	13,914,095						460146-CK-7	INTERNATIONAL PAPER CO SR UNSEC	2BFE	16,469,761	13,914,095
TBD	Swaption (Payer)	1*	500,000,000	(14,358,982)	(18,717,984)	10/28/2025	10/28/2030	Swaption (Payer) Pay 5.506 Receive SOFR	(17,552,136)	(20,956,564)		THERMO FISHER SCIENTIFIC 2.382% Due 10/18/2052 A018	1GFE	3,193,154	2,238,580
				27,340,887	28,226,711						49803X-AE-3	KITE REALTY GROUP LP 5 1/2% Due 3/1/2034 MS1	2BFE	27,340,887	28,226,711
				27,259,503	21,537,621						126408-HF-3	CSX CORP SR UNSEC	1GFE	27,259,503	21,537,621
				27,475,000	22,972,114						30231G-AW-2	EXXON MOBIL CORP SR UNSEC	1DFE	27,475,000	22,972,114
				28,593,089	19,076,605						00206R-MN-9	AT&T INC 3.8% Due 12/1/2057 JD1	2BFE	28,593,089	19,076,605

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Replication (Synthetic Asset) Transactions Open as of December 31 of Current Year

Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
								Derivative Instrument(s) Open			Cash Instrument(s) Held				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
				16,245,045	16,155,908						546676-BA-4	LOUISVILLE GAS & ELEC 5.85% Due 8/15/2055 FA15	1FE	16,245,045	16,155,908
TBD	Swaption (Receiver)	1*	500,000,000	20,084,341	13,586,219	10/28/2025	10/28/2030	Swaption (Receiver) Receive 3 Pay SOFR	16,877,054	11,337,731		THERMO FISHER SCIENTIFIC 2.382% Due 10/18/2052 A018	1GFE	3,207,287	2,248,488
				14,697,486	11,327,000						454889-AR-7	INDIANA MICHIGAN POWER SR UNSEC	1GFE	14,697,486	11,327,000
TBD	Swaption (Payer)	1*	500,000,000	(14,528,054)	(19,523,918)	10/28/2025	10/28/2030	Swaption (Payer) Pay 5.49 Receive SOFR	(16,877,054)	(21,170,699)		THERMO FISHER SCIENTIFIC 2.382% Due 10/18/2052 A018	1GFE	2,349,000	1,646,781
				26,499,054	28,443,682						013817-AK-7	ALCOA INC 5.95% Due 2/1/2037 FA1	2AFE	26,499,054	28,443,682
				26,265,673	19,463,542						20030N-CG-4	COMCAST CORP CO.GUARNT	1GFE	26,265,673	19,463,542
				26,087,592	25,469,363						437076-DG-4	HOME DEPOT INC 5.4% Due 6/25/2064 JD25	1FE	26,087,592	25,469,363
				26,715,582	17,377,653						0778FP-AH-2	BELL CANADA SERIES US-6	2BFE	26,715,582	17,377,653
				22,258,108	18,844,237						91324P-CA-8	UNITEDHEALTH GROUP INC SR UNSEC	1FE	22,258,108	18,844,237
TBD	Swaption (Receiver)	1*	1,000,000,000	62,076,601	50,186,189	10/29/2025	04/29/2030	Swaption (Receiver) Receive 3 Pay SOFR	33,108,065	21,262,354	191216-DZ-0	COCA COLA CO THE 5.2% Due 1/14/2055 JJ14	1EFE	28,968,536	28,923,835
				5,059,106	5,013,705						532457-CZ-9	ELI LILLY & CO 5.6% Due 2/12/2065 FA12	1EFE	5,059,106	5,013,705
TBD	Swaption (Payer)	1*	1,000,000,000	(3,151,599)	(22,403,404)	10/29/2025	04/29/2030	Swaption (Payer) Pay 5.451 Receive SOFR	(33,108,065)	(40,250,359)	040555-DC-5	ARIZONA PUBLIC SERVICE 2.65% Due 9/15/2050 MS15	2AFE	29,956,466	17,846,955
				30,780,024	23,090,831						219350-BP-9	CORNING INC 3.9% Due 11/15/2049 MN15	2AFE	30,780,024	23,090,831
				14,341,901	14,360,927						92857W-BY-5	VODAFONE GROUP PLC 5 5/8% Due 2/10/2053 FA10	2BFE	14,341,901	14,360,927
				30,079,683	24,592,136						460146-CQ-4	INTERNATIONAL PAPER CO SR UNSEC	2BFE	30,079,683	24,592,136
				30,427,894	24,863,576						65473Q-BF-9	NISOURCE INC SR UNSEC	2BFE	30,427,894	24,863,576
				29,778,581	16,301,592						744538-AD-1	PUB SVC NEW HAMP SERIES U	1EFE	29,778,581	16,301,592
				29,936,388	18,599,157						92343V-FU-3	VERIZON COMMUNICATIONS 2 7/8% Due 11/20/2050 MN20	2AFE	29,936,388	18,599,157
				29,917,133	24,858,716						927804-FT-6	VIRGINIA ELEC & POWER CO SR UNSEC	2AFE	29,917,133	24,858,716
				25,407,812	24,689,290						717081-EK-5	PFIZER INC 4.2% Due 9/15/2048 MS15	1FFE	25,407,812	24,689,290
				15,900,000	12,883,480						93884P-DV-9	WASHINGTON GAS LIGHT CO UNSEC	1GFE	15,900,000	12,883,480
TBD	Swaption (Receiver)	1*	500,000,000	30,892,388	24,204,518	10/30/2025	10/30/2029	Swaption (Receiver) Receive 3.05 Pay SOFR	14,927,310	10,150,433	126408-GX-5	CSX CORP SR UNSEC	1GFE	15,965,078	14,054,085
TBD	Swaption (Payer)	1*	500,000,000	14,699,312	5,189,825	10/30/2025	10/30/2029	Swaption (Payer) Pay 5.46 Receive SOFR	(14,927,310)	(17,840,770)	136375-BW-1	CANADIAN NATL RAILWAY SR UNSEC	1FFE	29,626,622	23,030,595
				31,254,657	23,748,819						666807-BJ-0	NORTHROP GRUMMAN CORP SR UNSEC	2AFE	31,254,657	23,748,819
				33,029,204	25,505,992						92857W-BD-1	VODAFONE GROUP PLC 4 3/8% Due 2/19/2043 FA19	2BFE	33,029,204	25,505,992
				6,880,527	6,297,499						74340X-BZ-3	PROLOGIS LP 1 3/4% Due 7/1/2030 JJ1	1FFE	6,880,527	6,297,499
				26,647,261	26,434,489						29364W-BQ-0	ENTERGY LOUISIANA LLC 5.8% Due 3/15/2055 MS15	1FFE	26,647,261	26,434,489
TBD	Swaption (Receiver)	1*	500,000,000	30,728,589	24,992,812	10/30/2025	10/30/2029	Swaption (Receiver) Receive 3.05 Pay SOFR	14,735,927	10,150,408	37940X-AD-4	GLOBAL PAYMENTS INC 2.9% Due 5/15/2030 MN15	2CFE	15,992,662	14,842,404
TBD	Swaption (Payer)	1*	500,000,000	14,809,215	10,157,335	10/30/2025	10/30/2029	Swaption (Payer) Pay 5.468 Receive SOFR	(14,735,934)	(17,743,403)	037389-BE-2	AON CORP 2.8% Due 5/15/2030 MN15	2AFE	29,545,149	27,900,738
				29,391,047	20,554,590						29366W-AB-2	ENTERGY MISSISSIPPI LLC 3 1/2% Due 6/1/2051 JD1	1FFE	29,391,047	20,554,590
				29,938,866	18,853,503						459200-KL-4	IBM CORP 2.95% Due 5/15/2050 MN15	1GFE	29,938,866	18,853,503
				29,356,549	28,903,243						491674-BG-1	KENTUCKY UTILITIES CO 1ST MORTG	1FFE	29,356,549	28,903,243
				9,301,119	8,520,409						609207-AT-2	MONDELEZ INTERNATIONAL INC 2 3/4% Due 4/13/2030 A013	2BFE	9,301,119	8,520,409
9999999999 - Totals				25,239,214,818	22,254,489,133	XXX	XXX	XXX	933,003,273	15,293,071	XXX	XXX	XXX	24,306,211,545	22,239,196,062

SCHEDULE DB - PART C - SECTION 2

Replication (Synthetic Asset) Transactions Open

	First Quarter		Second Quarter		Third Quarter		Fourth Quarter		Year To Date	
	1 Number of Positions	2 Total Replication (Synthetic Asset) Transactions Statement Value	3 Number of Positions	4 Total Replication (Synthetic Asset) Transactions Statement Value	5 Number of Positions	6 Total Replication (Synthetic Asset) Transactions Statement Value	7 Number of Positions	8 Total Replication (Synthetic Asset) Transactions Statement Value	9 Number of Positions	10 Total Replication (Synthetic Asset) Transactions Statement Value
1. Beginning inventory	315	22,121,364,243	311	22,276,026,732	312	21,831,885,080	359	24,309,754,877	315	22,121,364,243
2. Add: Opened or acquired transactions	17	1,472,262,541	13	419,255,843	78	4,346,832,478	47	4,571,043,203	155	10,809,394,065
3. Add: Increases in replication (synthetic asset) transactions statement value	XXX		XXX		XXX		XXX		XXX	
4. Less: Closed or disposed of transactions	21	1,285,584,576	12	829,835,184	31	1,817,009,536	56	3,592,078,369	120	7,524,507,665
5. Less: Positions disposed of for failing effectiveness criteria										
6. Less: Decreases in replication (synthetic asset) transactions statement value	XXX	32,015,476	XXX	33,562,311	XXX	51,953,145	XXX	49,504,893	XXX	167,035,825
7. Ending inventory	311	22,276,026,732	312	21,831,885,080	359	24,309,754,877	350	25,239,214,818	350	25,239,214,818

SCHEDULE DB - VERIFICATION

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

		Book/Adjusted Carrying Value Check	
1.	Part A, Section 1, Column 14	617,147,736	
2.	Part B, Section 1, Column 15 plus Part B, Section 1 Footnote - Total Ending Cash Balance		
3.	Total (Line 1 plus Line 2)		617,147,736
4.	Part D, Section 1, Column 6	1,447,667,407	
5.	Part D, Section 1, Column 7	(830,519,672)	
6.	Total (Line 3 minus Line 4 minus Line 5)		1

		Fair Value Check	
7.	Part A, Section 1, Column 16	(624,125,020)	
8.	Part B, Section 1, Column 13		
9.	Total (Line 7 plus Line 8)		(624,125,020)
10.	Part D, Section 1, Column 9	1,686,162,910	
11.	Part D, Section 1, Column 10	(2,310,287,943)	
12	Total (Line 9 minus Line 10 minus Line 11)		13

		Potential Exposure Check	
13.	Part A, Section 1, Column 21	13,378,572,438	
14.	Part B, Section 1, Column 20		
15.	Part D, Section 1, Column 12	13,378,572,454	
16.	Total (Line 13 plus Line 14 minus Line 15)		(16)

SCHEDULE E - PART 2 - VERIFICATION BETWEEN YEARS

(Cash Equivalents)

	1 Total	2 Bonds	3 Money Market Mutual funds	4 Other
1. Book/adjusted carrying value, December 31 of prior year	526,670,381	526,670,381		
2. Cost of cash equivalents acquired	23,429,505,656	23,429,505,656		
3. Accrual of discount	9,939,356	9,939,356		
4. Unrealized valuation increase/(decrease)				
5. Total gain (loss) on disposals	12,831	12,831		
6. Deduct consideration received on disposals	23,920,563,380	23,920,563,380		
7. Deduct amortization of premium	449	449		
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)	45,564,395	45,564,395		
11. Deduct total nonadmitted amounts				
12. Statement value at end of current period (Line 10 minus Line 11)	45,564,395	45,564,395		

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