

QUARTERLY STATEMENT
OF THE
PENN MUTUAL LIFE INSURANCE
COMPANY

Of
Philadelphia
in the state of PA

to the Insurance Department
of the State of

For the Period Ended
September 30, 2018

2018



QUARTERLY STATEMENT

As of September 30, 2018
of the Condition and Affairs of the

PENN MUTUAL LIFE INSURANCE COMPANY

NAIC Group Code.....850, 850 (Current Period) (Prior Period)	NAIC Company Code..... 67644	Employer's ID Number..... 23-0952300
Organized under the Laws of PA	State of Domicile or Port of Entry PA	Country of Domicile US
Incorporated/Organized..... February 24, 1847	Commenced Business..... May 25, 1847	
Statutory Home Office	The Penn Mutual Life Insurance Company .. Philadelphia .. PA .. US .. 19172 <i>(Street and Number) (City or Town, State, Country and Zip Code)</i>	
Main Administrative Office	600 Dresher Road .. Horsham .. PA .. US .. 19044 <i>(Street and Number) (City or Town, State, Country and Zip Code)</i>	215-956-8000 <i>(Area Code) (Telephone Number)</i>
Mail Address	The Penn Mutual Life Insurance Company .. Philadelphia .. PA .. US .. 19172 <i>(Street and Number or P. O. Box) (City or Town, State, Country and Zip Code)</i>	
Primary Location of Books and Records	600 Dresher Road .. Horsham .. PA .. US .. 19044 <i>(Street and Number) (City or Town, State, Country and Zip Code)</i>	215-956-8000 <i>(Area Code) (Telephone Number)</i>
Internet Web Site Address	www.pennmutual.com	
Statutory Statement Contact	Bethanne Doyle Adamsky <i>(Name)</i> adamsky.bethanne@pennmutual.com <i>(E-Mail Address)</i>	215-956-8120 <i>(Area Code) (Telephone Number) (Extension)</i> 215-956-8145 <i>(Fax Number)</i>

OFFICERS

Name	Title	Name	Title
1. Eileen Claire McDonnell	Chairman & Chief Executive Officer	2. Susan Twine Deakins	Executive VP, Chief Financial Officer and Treasurer
3. Franklin Luther Best Jr.	VP, General Counsel, Insurance Operations, and Cor	4. David Michael O'Malley	President & Chief Operating Officer

OTHER

Thomas Henry Harris	Executive VP, Chief Distribution Officer	Kevin Terance Reynolds	Senior VP, Human Resources and Chief Legal Officer
Nina Marie Mulrooney	Senior VP, General Auditor	Jay T Lewellen	VP & Chief Actuary
Gregory Joseph Driscoll	Senior VP, Service Operations & Chief Information		

DIRECTORS OR TRUSTEES

Joan Pauline Carter	Robert Eugene Chappell	William Roland Cook	Charisse Ranielle Lillie
Anthony M Santomero	Edmond Felix Notebaert	Robert Henry Rock	Eileen Claire McDonnell
Helen Pomerantz Pudlin	Susan Doenges Waring	James Stephen Hunt	David Michael O'Malley

State of..... Pennsylvania
County of..... Montgomery

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

(Signature)	(Signature)	(Signature)
Eileen Claire McDonnell	Susan Twine Deakins	Franklin Luther Best Jr.
1. (Printed Name)	2. (Printed Name)	3. (Printed Name)
Chairman & Chief Executive Officer	Executive VP, Chief Financial Officer and Treasurer	VP, General Counsel, Insurance Operations, and Corporate Secretary
(Title)	(Title)	(Title)

Subscribed and sworn to before me
This 8th day of November 2018

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 _____

Commonwealth of Pennsylvania - Notary Seal
Marianne C. Bechtel, Notary Public
Montgomery County
My commission expires December 26, 2021
Commission number 1008805
Member, Pennsylvania Association of Notaries

ASSETS

	Current Statement Date			4
	1	2	3	December 31 Prior Year Net Admitted Assets
	Assets	Nonadmitted Assets	Net Admitted Assets (Cols. 1 - 2)	
1. Bonds.....	9,933,275,952		9,933,275,952	9,209,553,958
2. Stocks:				
2.1 Preferred stocks.....	114,566,569		114,566,569	112,007,569
2.2 Common stocks.....	623,846,167		623,846,167	568,311,394
3. Mortgage loans on real estate:				
3.1 First liens.....			0	
3.2 Other than first liens.....			0	
4. Real estate:				
4.1 Properties occupied by the company (less \$.....0 encumbrances).....	33,230,292		33,230,292	34,547,218
4.2 Properties held for the production of income (less \$.....0 encumbrances).....			0	
4.3 Properties held for sale (less \$.....0 encumbrances).....			0	
5. Cash (\$.....11,122,937), cash equivalents (\$.....119,930,417) and short-term investments (\$.....0).....	131,053,354		131,053,354	299,313,273
6. Contract loans (including \$.....0 premium notes).....	348,589,905		348,589,905	330,687,228
7. Derivatives.....	214,260,114		214,260,114	95,569,153
8. Other invested assets.....	1,327,402,632	22,376,583	1,305,026,049	1,080,429,207
9. Receivables for securities.....	14,080,074		14,080,074	5,537,761
10. Securities lending reinvested collateral assets.....			0	
11. Aggregate write-ins for invested assets.....	0	0	0	0
12. Subtotals, cash and invested assets (Lines 1 to 11).....	12,740,305,059	22,376,583	12,717,928,476	11,735,956,761
13. Title plants less \$.....0 charged off (for Title insurers only).....			0	
14. Investment income due and accrued.....	136,721,494		136,721,494	104,559,319
15. Premiums and considerations:				
15.1 Uncollected premiums and agents' balances in the course of collection.....	8,376,612	1,336,293	7,040,319	10,316,273
15.2 Deferred premiums, agents' balances and installments booked but deferred and not yet due (including \$.....0 earned but unbilled premiums).....	78,570,112		78,570,112	79,414,647
15.3 Accrued retrospective premiums (\$.....0) and contracts subject to redetermination (\$.....0).....			0	
16. Reinsurance:				
16.1 Amounts recoverable from reinsurers.....	31,240,370		31,240,370	12,916,152
16.2 Funds held by or deposited with reinsured companies.....			0	
16.3 Other amounts receivable under reinsurance contracts.....	15,898,106		15,898,106	16,803,890
17. Amounts receivable relating to uninsured plans.....			0	
18.1 Current federal and foreign income tax recoverable and interest thereon.....	1,471,880		1,471,880	38,852,043
18.2 Net deferred tax asset.....	245,373,435	32,889,483	212,483,952	218,067,567
19. Guaranty funds receivable or on deposit.....	1,070,367		1,070,367	1,115,451
20. Electronic data processing equipment and software.....	16,737,030		16,737,030	18,376,471
21. Furniture and equipment, including health care delivery assets (\$.....0).....	10,176,390	10,176,390	0	
22. Net adjustment in assets and liabilities due to foreign exchange rates.....			0	
23. Receivables from parent, subsidiaries and affiliates.....	15,695,063		15,695,063	22,359,992
24. Health care (\$.....0) and other amounts receivable.....			0	
25. Aggregate write-ins for other than invested assets.....	375,438,199	55,848,944	319,589,255	381,095,619
26. Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 through 25).....	13,677,074,117	122,627,693	13,554,446,424	12,639,834,185
27. From Separate Accounts, Segregated Accounts and Protected Cell Accounts.....	8,109,594,520		8,109,594,520	8,029,574,674
28. Total (Lines 26 and 27).....	21,786,668,637	122,627,693	21,664,040,944	20,669,408,859

DETAILS OF WRITE-INS

1101.....			0	
1102.....			0	
1103.....			0	
1198. Summary of remaining write-ins for Line 11 from overflow page.....	0	0	0	0
1199. Totals (Lines 1101 thru 1103 plus 1198) (Line 11 above).....	0	0	0	0
2501. Executive Benefit Plan.....	222,427,568		222,427,568	221,652,433
2502. Collateral for Derivative Receivable.....	78,489,155		78,489,155	44,943,609
2503. Prepaid Pension Asset.....	41,762,072	41,762,072	0	
2598. Summary of remaining write-ins for Line 25 from overflow page.....	32,759,404	14,086,872	18,672,532	114,499,578
2599. Totals (Lines 2501 thru 2503 plus 2598) (Line 25 above).....	375,438,199	55,848,944	319,589,255	381,095,619

LIABILITIES, SURPLUS AND OTHER FUNDS

	1 Current Statement Date	2 December 31 Prior Year
1. Aggregate reserve for life contracts \$.....8,451,893,559 less \$.....0 included in Line 6.3 (including \$.....956,955,686 Modco Reserve).....	8,451,893,559	8,028,756,960
2. Aggregate reserve for accident and health contracts (including \$.....0 Modco Reserve).....	9,977,299	10,373,042
3. Liability for deposit-type contracts (including \$.....0 Modco Reserve).....	1,172,800,381	846,335,561
4. Contract claims:		
4.1 Life.....	55,089,065	51,430,900
4.2 Accident and health.....	151,187	198,449
5. Policyholders' dividends \$.....0 and coupons \$.....0 due and unpaid.....	1,956,220	21,399,461
6. Provision for policyholders' dividends and coupons payable in following calendar year - estimated amounts:		
6.1 Dividends apportioned for payment (including \$.....0 Modco).....	18,281,250	74,995,648
6.2 Dividends not yet apportioned (including \$.....0 Modco).....	67,635,457	
6.3 Coupons and similar benefits (including \$.....0 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 \$.....0 discount; including \$.....(1,168) accident and health premiums.....	116,617,512	107,739,778
9. Contract liabilities not included elsewhere:		
9.1 Surrender values on canceled contracts.....		
9.2 Provision for experience rating refunds, including the liability of \$.....0 accident and health experience rating refunds of which \$.....0 is for medical loss ratio rebate per the Public Health Service Act.....	250,000	500,000
9.3 Other amounts payable on reinsurance, including \$.....0 assumed and \$.....45,763,478 ceded.....	45,763,478	131,283,265
9.4 Interest Maintenance Reserve.....	157,177,973	160,105,950
10. Commissions to agents due or accrued - life and annuity contracts \$.....0, accident and health \$.....0 and deposit-type contract funds \$.....0.....		
11. Commissions and expense allowances payable on reinsurance assumed.....		
12. General expenses due or accrued.....	58,487,965	86,759,986
13. Transfers to Separate Accounts due or accrued (net) (including \$.....(126,186,257) accrued for expense allowances recognized in reserves, net of reinsured allowances).....	(126,186,257)	(138,342,730)
14. Taxes, licenses and fees due or accrued, excluding federal income taxes.....	5,769,992	3,124,087
15.1 Current federal and foreign income taxes, including \$.....0 on realized capital gains (losses).....		
15.2 Net deferred tax liability.....		
16. Unearned investment income.....		
17. Amounts withheld or retained by company as agent or trustee.....		
18. Amounts held for agents' account, including \$.....0 agents' credit balances.....		
19. Remittances and items not allocated.....	29,916,089	34,095,400
20. Net adjustment in assets and liabilities due to foreign exchange rates.....		
21. Liability for benefits for employees and agents if not included above.....	136,721,172	130,196,489
22. Borrowed money \$.....0 and interest thereon \$.....6,650,000.....	6,650,000	7,137,500
23. Dividends to stockholders declared and unpaid.....		
24. Miscellaneous liabilities:		
24.01 Asset valuation reserve.....	176,673,290	141,481,342
24.02 Reinsurance in unauthorized and certified (\$.....0) companies.....		
24.03 Funds held under reinsurance treaties with unauthorized and certified (\$.....0) reinsurers.....		
24.04 Payable to parent, subsidiaries and affiliates.....	1,105,593	1,456,474
24.05 Drafts outstanding.....	36,009,243	36,895,985
24.06 Liability for amounts held under uninsured plans.....		
24.07 Funds held under coinsurance.....	907,509,392	849,354,404
24.08 Derivatives.....	425,888,452	333,901,238
24.09 Payable for securities.....	36,959,085	2,037,353
24.10 Payable for securities lending.....		
24.11 Capital notes \$.....0 and interest thereon \$.....0.....		
25. Aggregate write-ins for liabilities.....	3,986,857	21,217,507
26. Total liabilities excluding Separate Accounts business (Lines 1 to 25).....	11,797,084,254	10,942,434,049
27. From Separate Accounts statement.....	8,109,594,520	8,029,574,674
28. Total liabilities (Lines 26 and 27).....	19,906,678,774	18,972,008,723
29. Common capital stock.....		
30. Preferred capital stock.....		
31. Aggregate write-ins for other-than-special surplus funds.....	0	0
32. Surplus notes.....	389,982,618	389,815,634
33. Gross paid in and contributed surplus.....		
34. Aggregate write-ins for special surplus funds.....	0	0
35. Unassigned funds (surplus).....	1,367,379,552	1,307,584,502
36. Less treasury stock, at cost:		
36.1 .....0.000 shares common (value included in Line 29 \$.....0).....		
36.2 .....0.000 shares preferred (value included in Line 30 \$.....0).....		
37. Surplus (Total Lines 31 + 32 + 33 + 34 + 35 - 36) (including \$.....0 in Separate Accounts Statement).....	1,757,362,170	1,697,400,136
38. Totals of Lines 29, 30 and 37.....	1,757,362,170	1,697,400,136
39. Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3).....	21,664,040,944	20,669,408,859

DETAILS OF WRITE-INS

2501. Special Group Reserves.....	135,986	207,688
2502. Interest Payable on Death Claims.....	1,103,644	764,163
2503. Low Income Housing Tax Credits Payable.....	1,454,808	19,128,479
2598. Summary of remaining write-ins for Line 25 from overflow page.....	1,292,419	1,117,177
2599. Totals (Lines 2501 thru 2503 plus 2598) (Line 25 above).....	3,986,857	21,217,507
3101.		
3102.		
3103.		
3198. Summary of remaining write-ins for Line 31 from overflow page.....	0	0
3199. Totals (Lines 3101 thru 3103 plus 3198) (Line 31 above).....	0	0
3401.		
3402.		
3403.		
3498. Summary of remaining write-ins for Line 34 from overflow page.....	0	0
3499. Totals (Lines 3401 thru 3403 plus 3498) (Line 34 above).....	0	0

SUMMARY OF OPERATIONS

	1 Current Year to Date	2 Prior Year to Date	3 Prior Year Ended December 31
1. Premiums and annuity considerations for life and accident and health contracts.....	678,166,312	(30,804,660)	821,804,289
2. Considerations for supplementary contracts with life contingencies.....	3,760,157	6,357,470	8,794,426
3. Net investment income.....	440,163,464	430,225,769	565,282,941
4. Amortization of Interest Maintenance Reserve (IMR).....	5,140,454	(3,310,661)	(12,144,968)
5. Separate Accounts net gain from operations excluding unrealized gains or losses.....			
6. Commissions and expense allowances on reinsurance ceded.....	98,489,000	122,806,583	159,533,228
7. Reserve adjustments on reinsurance ceded.....	238,614,131	190,057,502	302,237,212
8. Miscellaneous Income:			
8.1 Income from fees associated with investment management, administration and contract guarantees from Separate Accounts.....	157,629,888	151,519,686	204,391,328
8.2 Charges and fees for deposit-type contracts.....	742,897	1,184,427	1,468,362
8.3 Aggregate write-ins for miscellaneous income.....	6,611,297	6,996,001	9,154,488
9. Totals (Lines 1 to 8.3).....	1,629,317,600	875,032,117	2,060,521,306
10. Death benefits.....	130,941,095	131,460,987	173,390,185
11. Matured endowments (excluding guaranteed annual pure endowments).....			
12. Annuity benefits.....	671,768,690	623,832,337	824,127,342
13. Disability benefits and benefits under accident and health contracts.....	3,113,526	3,156,192	4,321,946
14. Coupons, guaranteed annual pure endowments and similar benefits.....			
15. Surrender benefits and withdrawals for life contracts.....	124,181,787	111,029,855	150,384,191
16. Group conversions.....			
17. Interest and adjustments on contract or deposit-type contract funds.....	28,749,015	(36,974,263)	(53,677,275)
18. Payments on supplementary contracts with life contingencies.....	6,944,091	7,359,486	9,537,632
19. Increase in aggregate reserves for life and accident and health contracts.....	424,904,697	(397,950,499)	408,266,007
20. Totals (Lines 10 to 19).....	1,390,602,901	441,914,095	1,516,350,028
21. Commissions on premiums, annuity considerations and deposit-type contract funds (direct business only).....	110,409,551	107,162,710	146,627,558
22. Commissions and expense allowances on reinsurance assumed.....			
23. General insurance expenses.....	177,658,188	188,893,321	260,779,065
24. Insurance taxes, licenses and fees, excluding federal income taxes.....	35,641,705	29,850,546	43,652,801
25. Increase in loading on deferred and uncollected premiums.....	2,399,601	(181,915)	2,190,601
26. Net transfers to or (from) Separate Accounts net of reinsurance.....	(232,201,149)	(142,621,290)	(200,019,451)
27. Aggregate write-ins for deductions.....	36,264,742	185,161,360	254,451,202
28. Totals (Lines 20 to 27).....	1,520,775,539	810,178,827	2,024,031,804
29. Net gain from operations before dividends to policyholders and federal income taxes (Line 9 minus Line 28).....	108,542,061	64,853,290	36,489,502
30. Dividends to policyholders.....	63,016,331	77,198,492	96,924,072
31. Net gain from operations after dividends to policyholders and before federal income taxes (Line 29 minus Line 30).....	45,525,730	(12,345,202)	(60,434,570)
32. Federal and foreign income taxes incurred (excluding tax on capital gains).....	(19,628,376)	(53,807,125)	(87,847,928)
33. Net gain from operations after dividends to policyholders and federal income taxes and before realized capital gains or (losses) (Line 31 minus Line 32).....	65,154,106	41,461,923	27,413,358
34. Net realized capital gains (losses) (excluding gains (losses) transferred to the IMR) less capital gains tax of \$.....0 (excluding taxes of \$.....588,128 transferred to the IMR).....	(429,810)	(66,568,400)	(67,900,886)
35. Net income (Line 33 plus Line 34).....	64,724,296	(25,106,477)	(40,487,529)

CAPITAL AND SURPLUS ACCOUNT

36. Capital and surplus, December 31, prior year.....	1,697,400,136	1,740,616,030	1,740,616,030
37. Net income (Line 35).....	64,724,296	(25,106,477)	(40,487,529)
38. Change in net unrealized capital gains (losses) less capital gains tax of \$.....13,342,159.....	45,686,167	9,126,922	(40,856,312)
39. Change in net unrealized foreign exchange capital gain (loss).....	(1,741,192)	(1,521,072)	1,882,184
40. Change in net deferred income tax.....	(8,823,048)	17,479,415	(90,706,069)
41. Change in nonadmitted assets.....	941,429	(18,646,233)	96,699,598
42. Change in liability for reinsurance in unauthorized and certified companies.....			
43. Change in reserve on account of change in valuation basis, (increase) or decrease.....			
44. Change in asset valuation reserve.....	(35,191,948)	(28,923,692)	(22,955,101)
45. Change in treasury stock.....			
46. Surplus (contributed to) withdrawn from Separate Accounts during period.....			
47. Other changes in surplus in Separate Accounts Statement.....			
48. Change in surplus notes.....	166,984	155,102	209,402
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.....	(6,483,933)	40,850,000	53,080,896
52. Dividends to stockholders.....			
53. Aggregate write-ins for gains and losses in surplus.....	683,281	655,933	(82,964)
54. Net change in capital and surplus (Lines 37 through 53).....	59,962,035	(5,930,102)	(43,215,895)
55. Capital and surplus as of statement date (Lines 36 + 54).....	1,757,362,170	1,734,685,929	1,697,400,136

DETAILS OF WRITE-INS

08.301. Subsidiary Service Fees & Management Fees.....	6,807,505	6,433,086	8,685,124
08.302. Increase (Decrease) in Expense Charges.....	6,445	6,087	7,983
08.303. Aggregate Other Income.....	(202,653)	556,828	461,381
08.398. Summary of remaining write-ins for Line 8.3 from overflow page.....	0	0	0
08.399. Totals (Lines 08.301 thru 08.303 plus 08.398) (Line 8.3 above).....	6,611,297	6,996,001	9,154,488
2701. Reinsurance Paid on Index Credits.....		141,956,049	198,969,864
2702. Increase (Decrease) in Special Group Reserves.....	(71,702)	(205,743)	1,945
2703. Other Expenses.....		12,783,006	14,125,102
2798. Summary of remaining write-ins for Line 27 from overflow page.....	36,336,444	30,628,048	41,354,291
2799. Totals (Lines 2701 thru 2703 plus 2798) (Line 27 above).....	36,264,742	185,161,360	254,451,202
5301. Net Change in Minimum Pension Liability.....	683,281	655,933	(82,964)
5302.			
5303.			
5398. Summary of remaining write-ins for Line 53 from overflow page.....	0	0	0
5399. Totals (Lines 5301 thru 5303 plus 5398) (Line 53 above).....	683,281	655,933	(82,964)

CASH FLOW

	1 Current Year to Date	2 Prior Year To Date	3 Prior Year Ended December 31
CASH FROM OPERATIONS			
1. Premiums collected net of reinsurance.....	976,673,671	977,404,693	1,341,506,631
2. Net investment income.....	439,191,609	459,204,197	624,375,161
3. Miscellaneous income.....	189,815,991	192,807,798	259,755,006
4. Total (Lines 1 through 3).....	1,605,681,271	1,629,416,687	2,225,636,798
5. Benefit and loss related payments.....	1,063,471,248	1,163,208,129	1,062,133,022
6. Net transfers to Separate Accounts, Segregated Accounts and Protected Cell Accounts.....	(244,357,622)	(156,290,694)	(218,786,584)
7. Commissions, expenses paid and aggregate write-ins for deductions.....	388,554,631	499,571,381	679,537,661
8. Dividends paid to policyholders.....	33,623,375	11,142,460	14,577,998
9. Federal and foreign income taxes paid (recovered) net of \$.....0 tax on capital gains (losses).....	(56,420,414)	(11,238,231)	(4,315,856)
10. Total (Lines 5 through 9).....	1,184,871,218	1,506,393,045	1,533,146,241
11. Net cash from operations (Line 4 minus Line 10).....	420,810,053	123,023,642	692,490,557
CASH FROM INVESTMENTS			
12. Proceeds from investments sold, matured or repaid:			
12.1 Bonds.....	773,173,271	919,749,978	1,318,096,914
12.2 Stocks.....	33,791,745	47,305,770	70,572,717
12.3 Mortgage loans.....			
12.4 Real estate.....			
12.5 Other invested assets.....	26,780,602	48,948,191	108,245,726
12.6 Net gains or (losses) on cash, cash equivalents and short-term investments.....			(1,900)
12.7 Miscellaneous proceeds.....	34,921,732	(9,976,217)	
12.8 Total investment proceeds (Lines 12.1 to 12.7).....	868,667,350	1,006,027,722	1,496,913,457
13. Cost of investments acquired (long-term only):			
13.1 Bonds.....	1,516,836,278	1,552,559,349	1,894,252,860
13.2 Stocks.....	107,166,564	33,726,078	73,761,424
13.3 Mortgage loans.....			
13.4 Real estate.....		2,328,629	2,870,512
13.5 Other invested assets.....	231,628,406	128,831,557	211,369,019
13.6 Miscellaneous applications.....	193,627	3,215,923	(9,896,734)
13.7 Total investments acquired (Lines 13.1 to 13.6).....	1,855,824,875	1,720,661,536	2,172,357,081
14. Net increase or (decrease) in contract loans and premium notes.....	11,232,341	(2,852,380)	4,068,653
15. Net cash from investments (Line 12.8 minus Line 13.7 and Line 14).....	(998,389,866)	(711,781,434)	(679,512,277)
CASH FROM FINANCING AND MISCELLANEOUS SOURCES			
16. Cash provided (applied):			
16.1 Surplus notes, capital notes.....			
16.2 Capital and paid in surplus, less treasury stock.....			
16.3 Borrowed funds.....			
16.4 Net deposits on deposit-type contracts and other insurance liabilities.....	318,462,324	592,746,917	38,349,246
16.5 Dividends to stockholders.....			
16.6 Other cash provided (applied).....	90,857,570	(26,338,088)	34,812,388
17. Net cash from financing and miscellaneous sources (Lines 16.1 through 16.4 minus Line 16.5 plus Line 16.6).....	409,319,894	566,408,829	73,161,634
RECONCILIATION OF CASH, CASH EQUIVALENTS AND SHORT-TERM INVESTMENTS			
18. Net change in cash, cash equivalents and short-term investments (Line 11 plus Line 15 plus Line 17).....	(168,259,919)	(22,348,963)	86,139,915
19. Cash, cash equivalents and short-term investments:			
19.1 Beginning of year.....	299,313,274	213,173,359	213,173,359
19.2 End of period (Line 18 plus Line 19.1).....	131,053,355	190,824,396	299,313,274

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

20.0001	Common stock acquired as a return of capital.....			(5,752,777)
20.0002	Amortization of discount on surplus notes.....	(166,984)	(155,102)	(209,402)
20.0003	Capitalized interest.....	(359,311)	(751,942)	(1,058,546)
20.0004	Premiums paid by dividend.....	(37,915,138)	(30,351,461)	(44,254,972)
20.0005	Premiums paid by waiver.....	(2,352,970)	(2,378,514)	(3,240,852)
20.0006	Premiums paid by benefit.....	(18,281,589)	(14,061,762)	(16,446,983)
20.0007	Premiums paid by policy loan.....	(6,670,336)	(5,696,895)	(7,810,786)
20.0008	Non-Qualified pension expense.....			(6,775,914)
20.0009	Bond exchange.....	(46,359,706)	(31,575,950)	(46,984,804)

EXHIBIT 1

DIRECT PREMIUMS AND DEPOSIT-TYPE CONTRACTS

	1 Current Year To Date	2 Prior Year To Date	3 Prior Year Ended December 31
1. Industrial life.....			
2. Ordinary life insurance.....	1,002,419,938	939,461,282	1,358,278,430
3. Ordinary individual annuities.....	305,156,349	353,676,714	438,883,851
4. Credit life (group and individual).....			
5. Group life insurance.....	784,058	912,122	1,163,110
6. Group annuities.....	751,004,440	700,300,181	349,914
7. A&H - group.....			
8. A&H - credit (group and individual).....			
9. A&H - other.....	6,070,033	6,727,010	8,887,598
10. Aggregate of all other lines of business.....	0	0	0
11. Subtotal.....	2,065,434,818	2,001,077,309	1,807,562,903
12. Deposit-type contracts.....	15,639,937	24,935,300	31,185,957
13. Total.....	2,081,074,755	2,026,012,609	1,838,748,860

DETAILS OF WRITE-INS

1001.			
1002.			
1003.			
1098. Summary of remaining write-ins for Line 10 from overflow page.....	0	0	0
1099. Total (Lines 1001 thru 1003 plus 1098) (Line 10 above).....	0	0	0

NOTES TO FINANCIAL STATEMENTS**Note 1 – Summary of Significant Accounting Policies and Going Concern****A. Accounting Practices**

The financial statements of The Penn Mutual Life Insurance Company ("the Company") have been prepared in conformity with statutory accounting practices ("SAP") prescribed or permitted by the Insurance Department of the Commonwealth of Pennsylvania. Insurance companies domiciled in Pennsylvania are required to prepare their statutory financial statements in accordance with the National Association of Insurance Commissioners' *Accounting Practices and Procedures* manual, (referred to as NAIC SAP), subject to any deviations prescribed or permitted by the Pennsylvania Insurance Commissioner. The Company employs no permitted practices or significant prescribed practices, which differ from NAIC SAP in the preparation of its financial statements.

A reconciliation of the Company's net income and capital and surplus between NAIC SAP and practices prescribed and permitted by the State of Pennsylvania is shown below:

	SSAP #	F/S Page	F/S Line #	Current Year to Date	2017
NET INCOME					
(1) PENN MUTUAL LIFE INSURANCE COMPANY Company state basis (Page 4, Line 35, Columns 1 & 3)	XXX	XXX	XXX	\$ 64,724,296	\$ (40,487,529)
(2) State Prescribed Practices that are an increase/(decrease) from NAIC SAP				\$	\$
(3) State Permitted Practices that are an increase/(decrease) from NAIC SAP				\$	\$
(4) NAIC SAP (1 – 2 – 3 = 4)	XXX	XXX	XXX	\$ 64,724,296	\$ (40,487,529)
SURPLUS					
(5) PENN MUTUAL LIFE INSURANCE COMPANY Company state basis (Page 3, line 38, Columns 1 & 2)	XXX	XXX	XXX	\$ 1,757,362,170	\$ 1,697,400,136
(6) State Prescribed Practices that are an increase/(decrease) from NAIC SAP				\$	\$
(7) State Permitted Practices that are an increase/(decrease) from NAIC SAP				\$	\$
(8) NAIC SAP (5 – 6 – 7 = 8)	XXX	XXX	XXX	\$ 1,757,362,170	\$ 1,697,400,136

B. Use of Estimates in the Preparation of the Financial Statement

The preparation of financial statements in conformity with Statutory Accounting Principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities. It also requires the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenses during the period. Actual results could differ from those estimates. Included among the material reported amounts and disclosures that require extensive use of estimates are:

- Carrying value of certain invested assets and derivatives
- Liabilities for reserves and funds for payment of insurance and annuity benefits
- Accounting for income taxes and valuation of deferred income tax assets and liabilities and unrecognized tax benefits
- Litigation and other contingencies
- Pension and other postretirement and postemployment benefits

C. Accounting Policy

Premiums on products with life contingencies are recognized as revenue over the premium payment period of the related policies. Annuity premium on policies with life contingencies are recognized as revenue as they are received. Both premium and annuity considerations are recorded net of reinsurance premiums. Commissions and other costs related to issuance of new policies, and policy maintenance and settlement costs are charged to current operations when incurred. Surrender fee charges on certain life and annuity products are recorded as a reduction of benefits and expenses. Benefit payments are reported net of the amounts received from reinsurers.

The liability for policyholders' dividends includes the estimated amount of annual dividends and settlement dividends to be paid to policyholders in the following year. Policyholders' dividends incurred are recorded in the Statements of Income. Dividends expected to be paid to policyholders in the following year are approved annually by the Company's Board of Trustees. The allocation of these dividends to policyholders reflects the relative contribution of each group of participating policies to surplus and considers, among other factors, investment returns, mortality and morbidity experience, expenses, and income tax charges.

In addition, the Company uses the following accounting policies:

- (1) Short-term investments, which are carried at amortized cost and approximate fair value, consist primarily of money market funds and investments purchased with maturities of greater than three months and less than or equal to 12 months.
- (2) Bonds with a NAIC designation of 1 to 5 are valued at amortized cost. All other bonds are valued at the lower of cost or fair value. Fair value is determined using an external pricing service or management's pricing model.

NOTES TO FINANCIAL STATEMENTS

For fixed income securities that do not have a fixed schedule of payments, including asset-backed and mortgage-backed securities, the effect on amortization or accretion is revalued three times per year based on the current estimated cash flows, using the retrospective method, except for favorable changes in expected cash flows for structured securities where the possibility of non-interest loss is other than remote. In these cases, income is recognized on the prospective method over the remaining life of the securities. Under the retrospective method, the recalculated effective yield equates the present value of the actual and anticipated cash flows, including new prepayment assumptions, to the original cost of the investment. Prepayment assumptions are based on borrower constraints and economic incentives such as original term, age, and coupon of the loan as affected by the interest rate environment. The current carrying value is then increased or decreased to the amount that would have resulted had the revised yield been applied since inception, and investment income is correspondingly decreased or increased. Cash flow assumptions for structured securities are obtained from broker dealer survey values or internal estimates. These assumptions are consistent with the current interest rate and economic environment.

The carrying values of fixed income, preferred and common stocks are written down when a decline is considered to be other-than-temporary. The Company considers an impairment to be other-than-temporary ("OTTI") if: (a) the Company's intent is to sell, (b) the Company will more likely than not be required to sell, (c) the Company does not have the intent and ability to hold the security for a period of time sufficient to recover the amortized cost basis, or (d) the Company does not expect to recover the entire amortized cost basis. The Company conducts a periodic management review of all securities with a market to book ratio below 80%, or otherwise designated by management. The Company also considers other qualitative and quantitative factors in determining the existence of other-than-temporary impairments including, but not limited to, unrealized loss trend analysis and significant short-term changes in value, default rates, delinquency rates, percentage of nonperforming loans, prepayments, and severities. If the impairment is other-than-temporary, the non-interest loss portion of the impairment is recorded through realized losses and the interest related portion of the loss would be disclosed in the notes to the financial statements.

The non-interest portion is determined based on the Company's "best estimate" of future cash flows discounted to a present value using the appropriate yield. The difference between the present value of the best estimate of cash flows and the amortized cost is the non-interest loss. The remaining difference between the amortized cost and the fair value is the interest loss.

- 3) Common Stock of the Company's insurance affiliates is carried at its underlying audited statutory equity. Common stock of audited non-insurance affiliates is admitted at the GAAP-basis equity. Common stock of unaudited non-insurance affiliates is nonadmitted. Unaffiliated common stock is carried at fair value. Dividends are recognized in net investment income on the ex-dividend date. Other changes in the carrying value of affiliates are recognized as changes in unrealized gains or losses in surplus. The investment in capital stock of the Federal Home Loan Bank of Pittsburgh (FHLB-PGH) is carried at par, which approximates fair value.
- 4) Preferred Stock with a NAIC designation of 1 to 3 are valued at amortized cost. All other preferred stocks are valued at the lower of cost or market. Fair value is determined using an external pricing service or management's pricing model.
- 5) The Company has no investments in mortgage loans.
- 6) Loan-backed securities are stated at either amortized cost or the lower of amortized cost or market. For loan and asset-backed securities of high credit quality, the impact of changes in expected cash flows are recognized on the retrospective adjustment method. For structured securities where the possibility of credit loss is other than remote, the impact of favorable changes in expected cash flows are recognized on the prospective method over the remaining life of the securities.
- 7) The Company has 100% ownership of the subsidiaries listed below, unless noted otherwise:

Subsidiary's Name	Carrying Method
Penn Mutual Asset Management, LLC	GAAP Equity
Independence Square Properties LLC (95.35%)*	GAAP Equity
The Penn Insurance and Annuity Company	Statutory Surplus
Vantis Life Insurance Company	Statutory Surplus
Honor, Townsend & Kent, Inc.	GAAP Equity
Penn Mutual Payroll Administration	Nonadmitted Asset
ILS Holdings, LLC	Nonadmitted Asset
myWorth, LLC	Nonadmitted Asset

* Independence Square Properties is admitted to the extent that underlying investments are audited.

- 8) Alternative Assets consist primarily of limited partnerships. The Company accounts for the value of its investments at their underlying GAAP equity. Dividends/income distributions from limited partnerships are recorded in investment income. Undistributed earnings are included in unrealized gains and losses and are reflected in surplus, net of deferred taxes. Distributions that are recorded as a return of capital reduce the carrying value of the limited partnership investment. Due to the timing of the valuation data received from the general partner, these investments are reported in accordance with the most recent valuations received which are primarily on a one quarter lag. Investments in Low Income Housing Tax Credits ("LIHTC") are included in Other Invested Assets and are accounted for under the cost method. The delayed equity contributions for these investments are unconditional and legally binding and therefore, have been recognized as a liability. LIHTC investments are reviewed for OTTI, which is accounted for as a realized loss.
- 9) All derivatives are recognized at fair value. Derivatives with a positive fair value are reported in other invested assets. Derivatives with a negative fair value are reported in other liabilities. The accounting treatment of specific derivatives depends on whether management elects to follow hedge accounting. Derivatives used in hedging transactions that meet the criteria of a highly effective hedge are reported and valued in a manner that is consistent with the assets hedged.
- 10) Not applicable.
- 11) Not applicable.

NOTES TO FINANCIAL STATEMENTS

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

(13) Not applicable.

D. Going Concern

Not applicable

Note 2 – Accounting Changes and Corrections of Errors

No significant changes

Note 3 – Business Combinations and Goodwill

No significant change.

Note 4 – Discontinued Operations

No significant changes

Note 5 – Investments

D. Loan-Backed Securities

(1) Prepayment assumptions are obtained from broker dealer survey values or internal estimates.

(2) There were no other than temporary impairments recognized on loan-backed securities for the period ended September 30, 2018.

(3) Recognized OTTI securities

There were no securities through September 30, 2018 in which the Company recognized the non-interest portion of other-than-temporary impairments.

(4) All impaired securities (fair value is less than cost or amortized cost) for which an other-than-temporary impairment has not been recognized in earnings as a realized loss (including securities with a recognized other-than-temporary impairment 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	\$ 19,696,000
	2. 12 Months or Longer	\$ 24,312,000
b. The aggregate related fair value of securities with unrealized losses:	1. Less than 12 Months	\$ 1,210,384,000
	2. 12 Months or Longer	\$ 325,900,000

(5) The Company also considers other qualitative and quantitative factors in determining the existence of other-than-temporary impairments including, but not limited to, unrealized loss trend analysis and significant short-term changes in value. If the impairment is other-than-temporary, the non-interest loss portion of the impairment is recorded through realized losses and the interest related portion of the loss would be disclosed in the notes to the financial statements.

E. Dollar Repurchase Agreements and/or Securities Lending Transactions

Not applicable.

F. Repurchase Agreements Transactions Accounted for as Secured Borrowing

Not applicable.

G. Reverse Repurchase Agreements Transactions Accounted for as Secured Borrowing
Repurchase Transactions – Cash Provider – Overview of Secured Borrowing Transactions

Not applicable.

H. Repurchase Agreements Transactions Accounted for as a Sale
Repurchase Transaction – Cash Taker – Overview of Sale Transactions

Not applicable.

I. Reverse Repurchase Agreements Transactions Accounted for as a Sale
Repurchase Transaction – Cash Provider – Overview of Sale Transactions

Not applicable.

M. Working Capital Finance Investments

The Company did not have any Working Capital Finance Investments at September 30, 2018.

NOTES TO FINANCIAL STATEMENTS**N. Offsetting and Netting of Assets and Liabilities**

The Company did not have any assets or liabilities that are offset and reported net in accordance with a valid right to offset as of September 30, 2018.

Note 6 – Joint Ventures, Partnerships and Limited Liability Companies

No significant changes

Note 7 – Investment Income

No significant changes

Note 8 – Derivative Instruments

No significant changes.

Note 9 – Income Taxes

No significant changes

Note 10 – Information Concerning Parent, Subsidiaries, Affiliates and Other Related Parties

No significant changes

Note 11 – Debt**B. FHLB (Federal Home Loan Bank) Agreements**

The Company is a member of the FHLB-PGH, which provides access to collateralized advances, collateralized funding agreements, and other FHLB-PGH products. Collateralized advances from the FHLB-PGH are classified in 1C Borrowed money. 1D Collateralized funding agreements issued to the FHLB-PGH are classified as liabilities for deposit-type funds and are recorded within Reserves and funds for payment of insurance and annuity benefits. FHLB-PGH is a first priority secured creditor. The Company's 19S membership in FHLB-PGH requires the ownership of member stock, and borrowings from FHLB-PGH require the purchase of FHLB-PGH activity based stock in an amount equal to 4% of the outstanding borrowings. All FHLB-PGH stock purchased by the Company is classified as restricted general account investments within Common Stock - unaffiliated. The Company's 19S borrowing capacity is determined by the lesser of the assets available to be pledged as collateral to FHLB-PGH or 10% of the Company 19s prior period admitted general account assets. The fair value of the qualifying assets pledged as collateral by the Company must be maintained at certain specified levels of the borrowed amount, which can vary, depending on the nature of the assets pledged. The Company 19s agreement allows for the substitution of the assets and the advances are pre-payable. Current borrowings are subject to prepayment penalties.

(2) FHLB Capital Stock**a. Aggregate Totals****1. Current Year to Date**

	1 Total 2 + 3	2 General Account	3 Separate Accounts
(a) Membership Stock – Class A	\$	\$	\$
(b) Membership Stock – Class B	1,767,000	1,767,000	
(c) Activity Stock	28,000,000	28,000,000	
(d) Excess Stock			
(e) Aggregate Total (a+b+c+d)	\$ 29,767,000	\$ 29,767,000	\$
(f) Actual or estimated borrowing capacity as determined by the insurer	1,263,983,000	XXX	XXX

2. Prior Year

	1 Total 2 + 3	2 General Account	3 Separate Accounts
(a) Membership Stock – Class A	\$	\$	\$
(b) Membership Stock – Class B	1,767,000	1,767,000	
(c) Activity Stock	14,000,000	14,000,000	
(d) Excess Stock			
(e) Aggregate Total (a+b+c+d)	\$ 15,767,000	\$ 15,767,000	\$
(f) Actual or estimated borrowing capacity as determined by the insurer	1,180,319,000	XXX	XXX

NOTES TO FINANCIAL STATEMENTS

b. Membership Stock (Class A and B) Eligible for Redemption

Membership Stock	1 Current Year to Date Total (2+3+4+5+6)	2 Not Eligible for Redemption	Eligible for Redemption			
			3 Less than 6 Months	4 6 Months to Less Than 1 Year	5 1 to Less Than 3 Years	6 3 to 5 Years
1. Class A	\$	\$	\$	\$	\$	\$
2. Class B	\$ 1,767,000	\$	\$	\$	\$	\$ 1,767,000

(3) Collateral Pledged to FHLB

a. Amount Pledged as of Reporting Date

	1 Fair Value	2 Carrying Value	3 Aggregate Total Borrowing
1. Current Year Total to Date General and Separate Accounts Total Collateral Pledged (Lines 2+3)	\$ 843,417,000	\$ 806,781,000	\$ 700,000,000
2. Current Year to Date General Account Total Collateral Pledged	843,417,000	806,781,000	700,000,000
3. Current Year to Date Separate Accounts Total Collateral Pledged			
4. Prior Year Total General and Separate Accounts Total Collateral Pledged	\$	\$	\$

b. Maximum Amount Pledged During Reporting Period

	1 Fair Value	2 Carrying Value	3 Amount of Borrowed at Time of Maximum Collateral
1. Current Year to Date Total General and Separate Accounts Total Collateral Pledged (Lines 2+3)	\$ 843,417,000	\$ 806,781,000	\$ 700,000,000
2. Current Year to Date General Account Total Collateral Pledged	843,417,000	806,781,000	700,000,000
3. Current Year to Date Separate Accounts Total Collateral Pledged			
4. Prior Year Total General and Separate Accounts Total Collateral Pledged	\$ 928,375,000	\$ 883,761,000	\$ 800,000,000

(4) Borrowing from FHLB

a. Amount as of the Reporting Date

1. Current Year to Date

	1 Total 2 + 3	2 General Account	3 Separate Accounts	4 Funding Agreements Reserves Established
(a) Debt	\$	\$	\$	XXX
(b) Funding Agreements	700,000,000	700,000,000		\$ 9
(c) Other				XXX
(d) Aggregate Total (a+b+c)	\$ 700,000,000	\$ 700,000,000	\$	\$ 9

2. Prior Year

	1 Total 2 + 3	2 General Account	3 Separate Accounts	4 Funding Agreements Reserves Established
(a) Debt	\$	\$	\$	XXX
(b) Funding Agreements	350,000,000	350,000,000		\$ 4
(c) Other				XXX
(d) Aggregate Total (a+b+c)	\$ 350,000,000	\$ 350,000,000	\$	\$ 4

b. Maximum Amount During Reporting Period (Current Year to Date)

	1 Total 2 + 3	2 General Account	3 Separate Accounts
1. Debt			
2. Funding Agreements	700,000,000	700,000,000	
3. Other			
4. Aggregate Total (Lines 1+2+3)	700,000,000	700,000,000	

NOTES TO FINANCIAL STATEMENTS

c. FHLB – Prepayment Obligations

	Does the Company have Prepayment Obligations under the Following Arrangements (YES/NO)
1. Debt	
2. Funding Agreements	NO
3. Other	

Note 12 – Retirement Plans, Deferred Compensation, Postemployment Benefits and Compensated Absences and Other Postretirement Benefit Plans

A. Defined Benefit Plan

(4) Components of Net Periodic Benefit Cost

	Pension Benefits		Postretirement Benefits		Special or Contractual Benefits per SSAP No. 11	
	2018 Year to Date	2017	2018 Year to Date	2017	2018 Year to Date	2017
a. Service cost	\$	\$	\$	\$ 339,000	\$	\$
b. Interest cost		7,193,000		698,000		
c. Expected return on plan assets		(12,225,000)				
d. Transition asset or obligation						
e. Gains and losses		978,000		(103,000)		
f. Prior service cost or credit				(1,000)		
g. Gain or loss recognized due to a settlement curtailment						
h. Total net periodic benefit cost	\$	\$ (4,054,000)	\$	\$ 933,000	\$	\$

Note 13 – Capital and Surplus, Shareholder's Dividend Restrictions and Quasi-Reorganizations

The Surplus Notes were issued for cash.

Notes sold in reliance upon Rule 144A under the Securities Act will be represented by global certificates deposited with or on behalf of the Depository Trust Company. Notes sold in reliance on Regulation S under the Securities Act will be represented by separate global certificates deposited with or on behalf of the Depository Trust Company. The 2004 Surplus Notes were underwritten by Goldman, Sachs & Co., Janney Montgomery Scott LLC, J.P. Morgan and Lehman Brothers. The 2010 Surplus Notes were underwritten by Goldman, Sachs & Co., Janney Montgomery Scott LLC, and J.P. Morgan.

Interest shall not be recorded as a liability nor an expense until approval for payment of such interest has been granted by the Insurance Commissioner of the Pennsylvania Insurance Department. Unapproved interest shall not be reported through operations, shall not be represented as an addition to the principal or notional amount of the instrument, and shall not accrue further interest.

The Surplus Note issued June 15, 2004 will rank pari passu with the Surplus Note issued July 1, 2010, or any future surplus notes or similar obligations. The notes will be expressly subordinate in right of payment to all indebtedness and policy and other creditor claims of the Company.

Each payment of interest on and principal of the 2004 and 2010 notes is subject to prior approval by the Insurance Commissioner of Pennsylvania.

Bank of New York, JPMCBNA, and SSB&T Co. each owned more than 10% of the outstanding 2004 surplus notes as of September 30, 2018, distributed pursuant to Rule 144A under the Securities Act of 1933.

Note 14 – Liabilities, Contingencies and Assessments

A. Contingent Commitments

The Company is not aware of any actions or allegations that should reasonably give rise to a material adverse impact to the Company's financial position or liquidity, the outcome of litigation cannot be foreseen with certainty.

Note 15 – Leases

No significant changes

Note 16 – Information about Financial Instruments with Off-Balance Sheet Risk and Financial Instruments with Concentrations of Credit Risk

No significant changes

NOTES TO FINANCIAL STATEMENTS**Note 17 – Sale, Transfer and Servicing of Financial Assets and Extinguishments of Liabilities****B. Transfer and Servicing of Financial Assets**

There have been no transfer or servicing of financial assets through September 30, 2018.

C. Wash Sales

- (1) In the course of the Company's asset management, securities are sold and reacquired within 30 days of the sale date to enhance the Company's yield on its investment portfolio.
- (2) The Company did not sell any NAIC designation 3 or below, or unrated of securities during the period ended September 30, 2018 and reacquired within 30 days of the sale date.

Description	NAIC Designation	Number of Transactions	Book Value of Securities Sold	Cost of Securities Repurchased	Gain/(Loss)
Common Stocks		12	\$ 23,074,000	\$ 22,994,000	\$ (74,000)

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

No significant changes

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

Not applicable

Note 20 – Fair Value Measurements

Fair value is defined as 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 value measurement is based on assumptions market participants would make in pricing an asset or liability. Inputs to valuation techniques to measure fair value are prioritized by establishing a three-level fair value hierarchy. The fair value hierarchy gives the highest priority to quoted prices in active markets and the lowest priority to prices derived from unobservable inputs. An asset or liability's classification within the fair value hierarchy is based on the lowest level of significant input to its fair value measurement.

The Company has categorized its assets and liabilities into the three-level fair value hierarchy based upon the priority of the inputs. The following summarizes the types of assets and liabilities included within the three-level hierarchy:

- Level 1 Fair value is based on unadjusted quoted market prices in active markets for identical assets or liabilities that are accessible at the measurement date. These generally provide the most reliable evidence and are used to measure fair value whenever available. Active markets are defined as having the following for the measured asset/liability: i) many transactions, ii) current prices, iii) price quotes not varying substantially among market makers, iv) narrow bid/ask spreads and v) most information publicly available. Prices are obtained from readily available sources for market transactions involving identical assets and liabilities.
- Level 2 Fair value is based on significant inputs, other than quoted prices included in Level 1, that are observable for the asset or liability, either directly or indirectly, for substantially the full term of the asset or liability through corroboration with observable market data. Prices for assets classified as Level 2 are primarily provided by an independent pricing service or are internally priced using observable inputs. In circumstances where prices from pricing services are reviewed for reasonability but cannot be corroborated to observable market data as noted above, these security values are recorded in Level 3 in the fair value hierarchy.
- Level 3 Fair value is based on significant inputs that are unobservable for the asset or liability. These inputs reflect the Company's assumptions about the assumptions market participants would use in pricing the asset or liability. These are typically less liquid fixed maturity securities with very limited trading activity. Prices are determined using valuation methodologies such as option pricing models, discounted cash flow models, market approach and other similar techniques. Prices may be based upon non-binding quotes from brokers or other market makers that are reviewed for reasonableness, based on the Company's understanding of the market but are not further corroborated with other additional observable market information.

The determination of fair value, which for certain assets and liabilities is dependent on the application of estimates and assumptions, can have a significant impact on the Company's results of operations. The following sections describe the valuation methodologies used to determine fair values as well as the key estimates and assumptions surrounding certain assets and liabilities, measured at fair value on a recurring basis, that could have a significant impact on the Company's results of operations or involve the use of significant unobservable inputs.

The fair value process is monitored on a quarterly basis by financial and investment professionals who utilize additional subject matter experts as applicable. The purpose is to monitor the Company's asset valuation policies and procedures by ensuring objective and reliable valuation practices and pricing of financial instruments, as well as addressing fair valuation issues, changes to valuation methodologies and pricing sources. To assess the continuing appropriateness of third party pricing service security valuations, the Company regularly monitors the prices and reviews price variance reports. In addition, the Company performs an initial and ongoing review of the third party pricing services methodologies, reviews inputs and assumptions used for a sample of securities on a periodic basis. Pricing challenges are raised on valuations considered not reflective of market and are monitored by the Company.

NOTES TO FINANCIAL STATEMENTS

BONDS

The fair values of the Company's debt securities are generally based on quoted market prices or prices obtained from independent pricing services or internally developed pricing.

In order to validate reasonability of valuations received from independent pricing services, prices are reviewed by internal investment professionals through comparison with directly observed recent market trades or color or by comparison of significant inputs used by the pricing service to the Company's observations of those inputs in the market. In circumstances where prices from independent pricing services are reviewed for reasonability but cannot be corroborated to observable market data as noted above, these security values are recorded in Level 3 in the Company's fair value hierarchy. Under certain conditions, the Company may conclude pricing information received from third party pricing services is not reflective of market activity and may over-ride that information with an internally developed valuation that utilizes market information and activity. As of December 31, 2017, there were 2 debt securities carried at a fair value of 5,868,000 that were valued in this manner. As of December 31, 2016, there were no debt securities carried at fair value that were valued in this manner.

In circumstances where market data such as quoted market prices or vendor pricing is not available, estimated fair value is calculated internally using internal estimates based on significant observable inputs are used to determine fair value. Inputs considered in developing internal pricing vary by type of security; however generally include: public debt, industrial comparables, underlying assets, credit ratings, yield curves, type of deal structure, collateral performance, loan characteristics and various indices, as applicable. Internally priced securities using significant observable inputs are classified within Level 2 of the fair value hierarchy which generally include the Company's investments in privately-placed corporate securities and investments in certain ABS that are priced using observable market data. Inputs considered for these securities generally include: public corporate bond spreads, industry sectors, average life, internal ratings, security structure, liquidity spreads, credit spreads and yield curves, as applicable. If the discounted cash flow model incorporates significant unobservable inputs, these securities would be reflected within Level 3 in the Company's fair value hierarchy.

In circumstances where significant observable inputs are not available, estimated fair value is calculated internally by using unobservable inputs. These inputs reflect the Company's assumptions about the inputs market participants would use in pricing the asset, and are therefore included in Level 3 in the Company's fair value hierarchy. Circumstances where observable market data is not available may include events such as market illiquidity and credit events related to the security.

The Company's Level 3 debt securities generally include certain ABS priced using one or multiple broker quotes, asset backed trust preferred debt, auction rate securities, and certain public and private debt securities priced internally based on observable and unobservable inputs.

Significant inputs used in valuing the Company's Level 3 debt securities include: issue specific credit adjustments, illiquidity premiums, estimation of future collateral performance cash flows, default rate assumptions, acquisition cost, market activity for securities considered comparable and non-binding quotes from certain market participants. Certain of these inputs are considered unobservable, as not all market participants will have access to this data.

The methodologies followed for valuing the Company's significant Level 3 debt securities include:

- Asset backed securities - These assets are valued based upon broker quotes which are updated regularly. The quoted valuation is based upon a discounted cash flow model and the assumptions underlying the model include swap curve rates, prepayment and default assumptions and an illiquidity premium. On a periodic basis, management reviews the underlying assumptions with the quoting broker and reviews the final quotes for reasonableness.
- Asset backed trust preferred securities - The process used to value these assets consists of determining the current market price and credit spread of the underlying floating rate security that will be received at maturity of the trust. That value is then discounted based upon a rate consisting of the applicable swap yield to maturity, the discount margin and an illiquidity premium established by management.

EQUITY SECURITIES

Equity securities consist principally of investments in common and preferred stock of publicly traded companies, exchange traded funds, closed-end funds, and FHLB-PGH capital stock.

Common Stock The fair values of most publicly traded common stock are based on quoted market prices in active markets for identical assets and are classified within Level 1 in the Company's fair value hierarchy. Fair value for the FHLB capital stock approximates par value and is classified within Level 3 of the Company's fair value hierarchy.

Preferred Stock The fair values of publicly traded preferred stock are based on quoted market prices in active markets for identical assets and are classified within Level 1 in the Company's fair value hierarchy. The fair values of non-exchange traded preferred equity securities are based on prices obtained from independent pricing services and, in order to validate reasonability, are compared with recent market trades we have directly observed. Accordingly, these securities are classified within Level 2 in the Company's fair value hierarchy. Preferred stock that is internally priced utilizes less observable inputs. The specific natures of the inputs are evaluated on a security by security basis by our investment professionals; however, securities of this type are generally classified within Level 3 of the fair value hierarchy.

CASH, CASH EQUIVALENTS AND SHORT-TERM INVESTMENTS

Short-term investments and cash equivalents carried at Level 1 consist of money market funds and investments purchased with maturities less than or equal to 12 months. These are carried at amortized cost and approximate fair value.

DERIVATIVE INSTRUMENTS

The fair values of derivative contracts are determined based on quoted prices in active exchanges or prices provided by counterparties, exchanges or clearing members as applicable, utilizing valuation models. The fair values of derivative contracts can be affected by changes in interest rates, foreign exchange rates, commodity prices, credit spreads, market volatility, expected returns and liquidity as well as other factors.

NOTES TO FINANCIAL STATEMENTS

The Company's exchange traded futures include index futures that are valued using quoted prices in active markets and are classified within Level 1 in our fair value hierarchy.

Derivative positions traded in the OTC derivative market where fair value is determined based upon values received from counterparties are classified within Level 2. These investments include: interest rate swaps, interest rate caps, total return swaps, swaptions, equity options, inflation swaps, forward contracts, and credit default swaps. OTC derivatives classified within Level 2 are valued using models generally accepted in the financial services industry that use actively quoted or observable market input values from external market data providers, broker-dealer quotations, third-party pricing vendors and/or recent trading activity. In order to validate reasonability of prices received by counterparties, prices are reviewed by our investment professionals through comparison with directly observed recent market trades, comparison with internal valuations estimated through use of valuation models maintained on an industry standard analytical and valuation platform, or comparison of all significant inputs used by the pricing service to our observations of those inputs in the market. Fair values can also be affected by changes in estimates and assumptions including those related to counterparty behavior used in valuation models.

SEPARATE ACCOUNT ASSETS

Separate account assets primarily consist of mutual funds. The fair value of mutual funds is based upon quoted prices in an active market, resulting in classification within Level 1 of the Company's fair value hierarchy.

A. Fair Value Measurements**(1) Fair Value Measurements at Reporting Date**

	Level 1	Level 2	Level 3	Total	Net Asset Value (NAV) Included in Level 2
Assets at Fair Value					
Common Stock - Unaffiliated	\$ 48,515,000	\$	\$ 29,767,000	\$ 78,282,000	\$
Corporate	\$	\$	\$	\$	\$
Cash Equivalents	\$ 119,930,000	\$	\$	\$ 119,930,000	\$
Interest Rate Swaps	\$	\$ 114,095,000	\$	\$ 114,095,000	\$
Total Return Swaps	\$	\$ 101,225,000	\$	\$ 101,225,000	\$
Equity Options	\$	\$ 226,000	\$	\$ 226,000	\$
Forwards	\$	\$	\$	\$	\$
Separate Account Assets	\$8,109,595,000	\$	\$	\$8,109,595,000	\$
Total	\$8,278,040,000	\$ 215,546,000	\$ 29,767,000	\$8,523,353,000	\$
Liabilities at Fair Value					
Currency swaps	\$	\$ 63,000	\$	\$ 63,000	\$
Credit default swaps	\$	\$ 232,000	\$	\$ 232,000	\$
Swaptions	\$	\$ 2,497,000	\$	\$ 2,497,000	\$
Equity Options	\$	\$ 444,000	\$	\$ 444,000	\$
Inflation Swaps	\$	\$ 5,454,000	\$	\$ 5,454,000	\$
Interest Rate Swaps	\$	\$ 169,432,000	\$	\$ 169,432,000	\$
Total return swaps	\$	\$ 248,294,000	\$	\$ 248,294,000	\$
Forwards	\$	\$ 758,000	\$	\$ 758,000	\$
Total	\$	\$ 427,174,000	\$	\$ 427,174,000	\$

(2) Fair Value Measurements in (Level 3) of the Fair Value Hierarchy

	Ending Balance as of Prior Period	Transfers Into Level 3	Transfers Out of Level 3	Total Gains and (Losses) Included in Net Income	Total Gains and (Losses) Included in Surplus	Purchases	Issuances	Sales	Settlements	Ending Balance as of End of Current Period
a. Assets										
Common Stock - Unaffiliated	\$25,767,000	\$	\$	\$	\$	\$4,000,000	\$	\$	\$	\$29,767,000
Total	\$25,767,000	\$	\$	\$	\$	\$4,000,000	\$	\$	\$	\$29,767,000
b. Liabilities										
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Total	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$

- (3) The Company recognizes transfers into Level 3 as of the end of the period in which the circumstances leading to the transfer occurred. The Company recognizes transfers out of Level 3 at the beginning of a period in which the circumstances leading to the transfer occurred.

NOTES TO FINANCIAL STATEMENTS

- (4) The following summarizes the fair value, valuation techniques and significant unobservable inputs of the Level 3 fair value measurements that were developed as of September 30, 2018:

	Fair Value	Valuation Technique	Significant Unobservable Inputs	Rate/ Range or /weighted avg.
Assets:				
Investments				
Bonds				
Commercial MBS		Property, appraisal and credit support	Not Available	N/A
Common stock				
Unaffiliated		Cost	Not available	N/A
FHLB Membership Stock	29,767,000	Set by issuer-FHLB-PGH(1)	Not available	N/A
Total investments	\$ 29,767,000			

(1) Fair Value approximates carrying value. The par value of the FHLB capital stock is \$100 and set by the FHLB. The capital stock is issued, redeemed and repurchased at par.

- (5) Derivatives instruments not qualifying as an effective hedge with a positive fair value are recorded as admitted assets. Derivatives instruments not qualifying as an effective hedge with negative fair values are reported as liabilities. The fair values of derivative contracts are determined based on quoted prices in active exchanges or prices provided by counterparties, exchanges or clearing members as applicable, utilizing valuation models. The fair values of derivative contracts can be affected by changes in interest rates, foreign exchange rates, commodity prices, credit spreads, market volatility, expected returns and liquidity as well as other factors. In order to validate reasonability, prices are reviewed by our internal investment professionals through comparison with directly observed recent market trades, comparison with internal valuations estimated through use of valuation models maintained on an industry standard analytical and valuation platform, or comparison of all significant inputs used by the pricing service to our observations of those inputs in the market. Fair values can also be affected by changes in estimates and assumptions including those related to counterparty behavior used in valuation models.

The Company's exchange traded futures include index futures that are valued using quoted prices in active markets and are classified within Level 1 in our fair value hierarchy. Derivative positions traded in the over-the-counter ("OTC") derivative market are classified within Level 2. These investments include: interest rate swaps, interest rate caps, total return swaps, swaptions, equity options, inflation swaps, forward contracts, and credit default swaps. OTC derivatives classified within Level 2 are valued using models generally accepted in the financial services industry that use actively quoted or observable market input values from external market data providers, broker-dealer quotations, third-party pricing vendors and/or recent trading activity.

B. Not applicable

- C. The following table summarizes the aggregate fair value for all financial instruments and the level within the fair value hierarchy in which the fair value measurements in their entirety fall, for which it is practicable to estimate fair value, at September 30, 2018:

Type of Financial Instrument	Aggregate Fair Value	Admitted Assets	(Level 1)	(Level 2)	(Level 3)	Not Practicable (Carrying Value)	Net Asset Value (NAV) Included in Level 2
Financial Assets:	\$	\$	\$	\$	\$	\$	\$
Bonds	\$10,148,204,000	\$9,933,276,000	\$ 837,895,000	\$9,237,208,000	\$ 73,101,000	\$	\$
Preferred Stock	\$114,940,000	\$ 114,567,000	\$ 99,917,000	\$ 6,999,000	\$ 8,024,000	\$	\$
Common Stock - Unaffiliated	\$ 78,282,000	\$ 78,282,000	\$ 48,515,000	\$	\$ 29,767,000	\$	\$
Cash and Short-Term Investments	\$119,930,000	\$ 119,930,000	\$ 119,930,000	\$	\$	\$	\$
Derivatives	\$215,546,000	\$ 215,546,000	\$	\$ 215,546,000	\$	\$	\$
Separate Account Assets	\$8,109,595,000	\$8,109,595,000	\$8,109,595,000	\$	\$	\$	\$
Financial Liabilities:	\$	\$	\$	\$	\$	\$	\$
Investment Type Contracts:	\$	\$	\$	\$	\$	\$	\$
Individual Annuities	\$2,410,006,000	\$2,360,208,000	\$	\$	\$ 2,410,006,000	\$	\$
Derivatives	\$427,174,000	\$ 427,174,000	\$	\$ 427,174,000	\$	\$	\$
Separate Account Liabilities	\$8,109,595,000	\$8,109,595,000	\$8,109,595,000	\$	\$	\$	\$

NOTES TO FINANCIAL STATEMENTS**D. Not Practicable to Estimate Fair Value**

Type of Class or Financial Instrument	Carrying Value	Effective Interest Rate	Maturity Date	Explanation
	\$	%		

Note 21 – Other Items

No significant changes

Note 22 – Events Subsequent

The Company has evaluated events subsequent to September 30, 2018, and has determined that there were no significant events requiring recognition in the financial statements.

Note 23 – Reinsurance

No significant changes

Note 24 – Retrospectively Rated Contracts and Contracts Subject to Redetermination

The Company does not have any retrospectively rated contracts.

Note 25 – Change in Incurred Losses and Loss Adjustment Expenses

Not applicable

Note 26 – Intercompany Pooling Arrangements

No significant changes

Note 27 – Structured Settlements

No significant changes

Note 28 – Health Care Receivables

No significant changes

Note 29 – Participating policies

No significant changes

Note 30 – Premium Deficiency Reserves

No significant changes

Note 31 – Reserves for Life Contracts and Deposit-Type Contracts

No significant changes

Note 32 – Analysis of Annuity Actuarial Reserves and Deposit Liabilities by Withdrawal Characteristics

No significant changes

Note 33 – Premium and Annuity Considerations Deferred and Uncollected

No significant changes

Note 34 – Separate Accounts

No significant changes

Note 35 – Loss/Claim Adjustment Expenses

No significant changes

GENERAL INTERROGATORIES

PART 1 - COMMON INTERROGATORIES

GENERAL

1.1 Did the reporting entity experience any material transactions requiring the filing of Disclosure of Material Transactions with the State of Domicile, as required by the Model Act? Yes [] No [X]

1.2 If yes, has the report been filed with the domiciliary state? Yes [] No []

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

2.2 If yes, date of change:

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

3.2 Have there been any substantial changes in the organizational chart since the prior quarter end? Yes [X] No []

3.3 If the response to 3.2 is yes, provide a brief description of those changes.

Effective July 2, 2018 Penn Mutual has included Penn Mutual Asset Management Unconstrained Bond Fund as an affiliate.

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

3.5 If the response to 3.4 is yes, provide the CIK (Central Index Key) code issued by the SEC for the entity/group.

4.1 Has the reporting entity been a party to a merger or consolidation during the period covered by this statement? Yes [] No [X]

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

1 Name of Entity	2 NAIC Company Code	3 State of Domicile

5. If the reporting entity is subject to a management agreement, including third-party administrator(s), managing general agent(s), attorney-in-fact, or similar agreement, have there been any significant changes regarding the terms of the agreement or principals involved? Yes [] No [X] N/A []
If yes, attach an explanation.

6.1 State as of what date the latest financial examination of the reporting entity was made or is being made. 12/31/2015

6.2 State the as of date that the latest financial examination report became available from either the state of domicile or the reporting entity. This date should be the date of the examined balance sheet and not the date the report was completed or released. 12/31/2015

6.3 State as of what date the latest financial examination report became available to other states or the public from either the state of domicile or the reporting entity. This is the release date or completion date of the examination report and not the date of the examination (balance sheet date). 12/04/2016

6.4 By what department or departments?

Pennsylvania Insurance Department

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

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

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

7.2 If yes, give full information:

8.1 Is the company a subsidiary of a bank holding company regulated with the Federal Reserve Board? Yes [] No [X]

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

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

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

1 Affiliate Name	2 Location (City, State)	3 FRB	4 OCC	5 FDIC	6 SEC
Honor, Townsend & Kent Inc.	Horsham, PA	NO	NO	NO	YES
Janney Montgomery Scott, LLC	Philadelphia, PA	NO	NO	NO	YES
Penn Mutual Asset Management, LLC	Horsham, PA	NO	NO	NO	YES

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

- (a) Honest and ethical conduct, including the ethical handling of actual or apparent conflicts of interest between personal and professional relationships;
- (b) Full, fair, accurate, timely and understandable disclosure in the periodic reports required to be filed by the reporting entity;
- (c) Compliance with applicable governmental laws, rules and regulations;
- (d) The prompt internal reporting of violations to an appropriate person or persons identified in the code; and
- (e) Accountability for adherence to the code.

9.11 If the response to 9.1 is No, please explain:

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

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

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

GENERAL INTERROGATORIES

PART 1 - COMMON INTERROGATORIES

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

FINANCIAL

10.1 Does the reporting entity report any amounts due from parent, subsidiaries or affiliates on Page 2 of this statement? Yes No
 10.2 If yes, indicate any amounts receivable from parent included in the Page 2 amount: \$ 0

INVESTMENT

11.1 Were any of the stocks, bonds, or other assets of the reporting entity loaned, placed under option agreement, or otherwise made available for use by another person? (Exclude securities under securities lending agreements.) Yes No
 11.2 If yes, give full and complete information relating thereto:
 12. Amount of real estate and mortgages held in other invested assets in Schedule BA: \$ 0
 13. Amount of real estate and mortgages held in short-term investments: \$ 0
 14.1 Does the reporting entity have any investments in parent, subsidiaries and affiliates? Yes No

14.2 If yes, please complete the following:

	1 Prior Year End Book/Adjusted Carrying Value	2 Current Quarter Book/Adjusted Carrying Value
14.21 Bonds	\$ 0	\$ 0
14.22 Preferred Stock	0	0
14.23 Common Stock	503,949,112	545,564,546
14.24 Short-Term Investments	0	0
14.25 Mortgage Loans on Real Estate	0	0
14.26 All Other	170,613,369	170,728,987
14.27 Total Investment in Parent, Subsidiaries and Affiliates (Subtotal Lines 14.21 to 14.26)	\$ 674,562,481	\$ 716,293,533
14.28 Total Investment in Parent included in Lines 14.21 to 14.26 above	\$ 0	\$ 0

15.1 Has the reporting entity entered into any hedging transactions reported on Schedule DB? Yes No
 15.2 If yes, has a comprehensive description of the hedging program been made available to the domiciliary state? Yes No
 If no, attach a description with this statement.

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

16.1 Total fair value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2: \$ 0
 16.2 Total book adjusted/carrying value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2: \$ 0
 16.3 Total payable for securities lending reported on the liability page: \$ 0

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

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

1 Name of Custodian(s)	2 Custodian Address
Bank of New York Mellon	101 Barclay Street, New York, NY 10286

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

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

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

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

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

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

1 Name of Firm or Individual	2 Affiliation
Penn Mutual Asset Management, LLC	A

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

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

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

1 Central Registration Depository Number	2 Name of Firm or Individual	3 Legal Entity Identifier (LEI)	4 Registered With	5 Investment Management Agreement (IMA) Filed
107518	Penn Mutual Asset Management, LLC	54930003G37UC4C5EV40	Securities and Exchange Commission	DS

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

18.2 If no, list exceptions:

GENERAL INTERROGATORIES

PART 1 - COMMON INTERROGATORIES

41242*BH4.22160@AA6 The lead lender has not filed within the required number of days from purchase.

19. By self-designating 5*GI securities, the reporting entity is certifying the following elements for each self-designated 5*GI security:
- a. Documentation necessary to permit a full credit analysis of the security does not exist.
 - 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 5*GI securities?

Yes [] No [X]

GENERAL INTERROGATORIES (continued)

PART 2 - LIFE & HEALTH

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

	Amount	
1.1 Long-term mortgages in good standing		
1.11 Farm mortgages.....	\$	
1.12 Residential mortgages.....	\$	
1.13 Commercial mortgages.....	\$	
1.14 Total mortgages in good standing.....	\$0	
1.2 Long-term mortgages in good standing with restructured terms		
1.21 Total mortgages in good standing with restructured terms.....	\$	
1.3 Long-term mortgage loans upon which interest is overdue more than three months		
1.31 Farm mortgages.....	\$	
1.32 Residential mortgages.....	\$	
1.33 Commercial mortgages.....	\$	
1.34 Total mortgages with interest overdue more than three months.....	\$0	
1.4 Long-term mortgage loans in process of foreclosure		
1.41 Farm mortgages.....	\$	
1.42 Residential mortgages.....	\$	
1.43 Commercial mortgages.....	\$	
1.44 Total mortgages in process of foreclosure.....	\$0	
1.5 Total mortgage loans (Lines 1.14 + 1.21 + 1.34 + 1.44) (Page 2, Column 3, Lines 3.1 + 3.2)	\$0	
1.6 Long-term mortgages foreclosed, properties transferred to real estate in current quarter		
1.61 Farm mortgages.....	\$	
1.62 Residential mortgages.....	\$	
1.63 Commercial mortgages.....	\$	
1.64 Total mortgages foreclosed and transferred to real estate.....	\$0	
2. Operating Percentages:		
2.1 A&H loss percent.....	.....
2.2 A&H cost containment percent.....	.....
2.3 A&H expense percent excluding cost containment expenses.....	.....
3.1 Do you act as a custodian for health savings accounts?.....	Yes []	No [X]
3.2 If yes, please provide the amount of custodial funds held as of the reporting date.....	\$	
3.3 Do you act as an administrator for health savings accounts?.....	Yes []	No [X]
3.4 If yes, please provide the balance of the funds administered as of the reporting date.....	\$	
4. Is the reporting entity licensed or chartered, registered, qualified, eligible or writing business in at least two states?.....	Yes [X]	No []
4.1 If no, does the reporting entity assume reinsurance business that covers risks residing in at least one state other than the state of domicile of the reporting entity?.....	Yes []	No []

SCHEDULE S - CEDED REINSURANCE

Showing All New Reinsurance Treaties - Current Year to Date

1 NAIC Company Code	2 ID Number	3 Effective Date	4 Name of Reinsurer	5 Domiciliary Jurisdiction	6 Type of Reinsurance Ceded	7 Type of Reinsurer	8 Certified Reinsurer Rating (1 through 6)	9 Effective Date of Certified Reinsurer Rating
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PENN MUTUAL LIFE INSURANCE COMPANY SCHEDULE T - PREMIUMS AND ANNUITY CONSIDERATIONS

Current Year to Date - Allocated by States and Territories

States, Etc.		1 Active Status (a)	Direct Business Only					
			Life Contracts		4 A&H Insurance Premiums, Including Policy Membership and Other Fees	5 Other Considerations	6 Total Columns 2 through 5	7 Deposit-Type Contracts
			2 Life Insurance Premiums	3 Annuity Considerations				
1. Alabama	AL	L	4,502,074	106,697	24,783		4,633,554	
2. Alaska	AK	L	148,206	90,345	9,718		248,269	
3. Arizona	AZ	L	27,160,167	10,242,898	45,387		37,448,452	
4. Arkansas	AR	L	3,496,342	2,207,400	6,121		5,709,863	
5. California	CA	L	93,872,637	10,589,034	406,841		104,868,512	
6. Colorado	CO	L	14,896,670	124,806	24,496		15,045,972	
7. Connecticut	CT	L	21,864,632	4,780,157	180,719		26,825,508	
8. Delaware	DE	L	14,952,802	17,387,617	22,843	767,000	33,130,262	
9. District of Columbia	DC	L	3,246,199	156,300	16,753		3,419,252	
10. Florida	FL	L	56,519,732	18,062,544	623,807		75,206,083	
11. Georgia	GA	L	13,597,413	5,073,041	27,304		18,697,758	
12. Hawaii	HI	L	1,538,684	7,414	4,984		1,551,082	
13. Idaho	ID	L	2,829,603	607,353	822		3,437,778	
14. Illinois	IL	L	32,674,007	4,472,093	97,166		37,243,266	
15. Indiana	IN	L	5,132,810	4,787,228	40,331		9,960,369	
16. Iowa	IA	L	7,448,990	538,528	47,156		8,034,674	
17. Kansas	KS	L	8,058,153	4,310,204	124,004		12,492,361	
18. Kentucky	KY	L	5,421,022	475,406	41,115		5,937,543	
19. Louisiana	LA	L	5,094,705	539,440	16,662		5,650,807	
20. Maine	ME	L	1,973,677	714,860	93,960		2,782,497	
21. Maryland	MD	L	17,296,477	5,632,710	172,528		23,101,715	
22. Massachusetts	MA	L	19,199,277	13,653,242	18,485		32,871,004	
23. Michigan	MI	L	23,210,675	1,708,973	153,147		25,072,795	
24. Minnesota	MN	L	27,968,847	13,556,502	105,467		41,630,816	
25. Mississippi	MS	L	2,002,305	106,483	49,355		2,158,143	
26. Missouri	MO	L	9,050,095	1,610,670	5,772		10,666,537	
27. Montana	MT	L	3,073,747		2,212		3,075,959	
28. Nebraska	NE	L	2,353,504	535,162	10,550		2,899,216	
29. Nevada	NV	L	15,995,246	162,063	6,753		16,164,062	
30. New Hampshire	NH	L	2,231,824	1,116,323	24,003		3,372,150	
31. New Jersey	NJ	L	57,871,525	25,897,258	531,919		84,300,702	
32. New Mexico	NM	L	2,685,564	695,350	11,028		3,391,942	
33. New York	NY	L	180,425,945	32,799,452	2,044,825	92,152	215,362,374	
34. North Carolina	NC	L	18,638,724	1,515,526	64,316		20,218,566	
35. North Dakota	ND	L	1,083,975		2,594		1,086,569	
36. Ohio	OH	L	27,204,767	25,315,578	104,588		52,624,933	
37. Oklahoma	OK	L	10,073,884	23,590,865	22,572		33,687,321	
38. Oregon	OR	L	5,246,164	1,164,055	31,479		6,441,698	
39. Pennsylvania	PA	L	67,952,503	34,769,730	359,875	76,288	103,158,396	
40. Rhode Island	RI	L	4,497,168	867,013	14,375		5,378,556	
41. South Carolina	SC	L	3,781,084	2,135,612	30,684	30,000	5,977,380	
42. South Dakota	SD	L	2,269,245		21,539		2,290,784	
43. Tennessee	TN	L	6,657,208	2,121,273	56,296		8,834,777	
44. Texas	TX	L	50,754,091	16,198,371	120,174		67,072,636	
45. Utah	UT	L	26,862,665	7,658,354	7,337		34,528,356	
46. Vermont	VT	L	2,063,626	323,978	22,351		2,409,955	
47. Virginia	VA	L	15,670,197	12,244,844	92,976		28,008,017	
48. Washington	WA	L	21,435,532	6,147,930	65,004		27,648,466	
49. West Virginia	WV	L	1,592,278	2,624,184	1,514	39,000	4,256,976	
50. Wisconsin	WI	L	9,307,064	1,257,773	36,847		10,601,684	
51. Wyoming	WY	L	1,620,162	37,968			1,658,130	
52. American Samoa	AS	N					0	
53. Guam	GU	N					0	
54. Puerto Rico	PR	N	113,312		3,125		116,437	
55. US Virgin Islands	VI	N					0	
56. Northern Mariana Islands	MP	N					0	
57. Canada	CAN	N	630				630	
58. Aggregate Other Alien	OT	XXX	1,065,873	75,678	6,489	0	1,148,040	0
59. Subtotal		XXX	965,683,708	320,796,285	6,055,151	1,004,440	1,293,539,584	0
90. Reporting entity contributions for employee benefit plans		XXX					0	
91. Dividends or refunds applied to purchase paid-up additions and annuities		XXX	37,915,138				37,915,138	
92. Dividends or refunds applied to shorten endowment or premium paying period		XXX					0	
93. Premium or annuity considerations waived under disability or other contract provisions		XXX	2,352,970				2,352,970	
94. Aggregate other amounts not allocable by State		XXX	1,716,248	0	0	0	1,716,248	0
95. Totals (Direct Business)		XXX	1,007,668,064	320,796,285	6,055,151	1,004,440	1,335,523,940	0
96. Plus Reinsurance Assumed		XXX	6,105,284				6,105,284	
97. Totals (All Business)		XXX	1,013,773,348	320,796,285	6,055,151	1,004,440	1,341,629,224	0
98. Less Reinsurance Ceded		XXX	637,508,162	49,542	5,816,084		643,373,788	
99. Totals (All Business) less Reinsurance Ceded		XXX	376,265,186	320,746,743	239,067	1,004,440	698,255,436	0

DETAILS OF WRITE-INS

58001. Military APO/FPO	XXX	1,065,873	75,678	6,489		1,148,040	
58002.	XXX					0	
58003.	XXX					0	
58998. Summary of remaining write-ins for line 58 from overflow page	XXX	0	0	0	0	0	0
58999. Total (Lines 58001 thru 58003 plus 58998) (Line 58 above)	XXX	1,065,873	75,678	6,489	0	1,148,040	0
9401. Internal Replacements	XXX	1,716,248				1,716,248	
9402.	XXX					0	
9403.	XXX					0	
9498. Summary of remaining write-ins for line 94 from overflow page	XXX	0	0	0	0	0	0
9499. Total (Lines 9401 thru 9403 plus 9498) (Line 94 above)	XXX	1,716,248	0	0	0	1,716,248	0

(a) Active Status Count

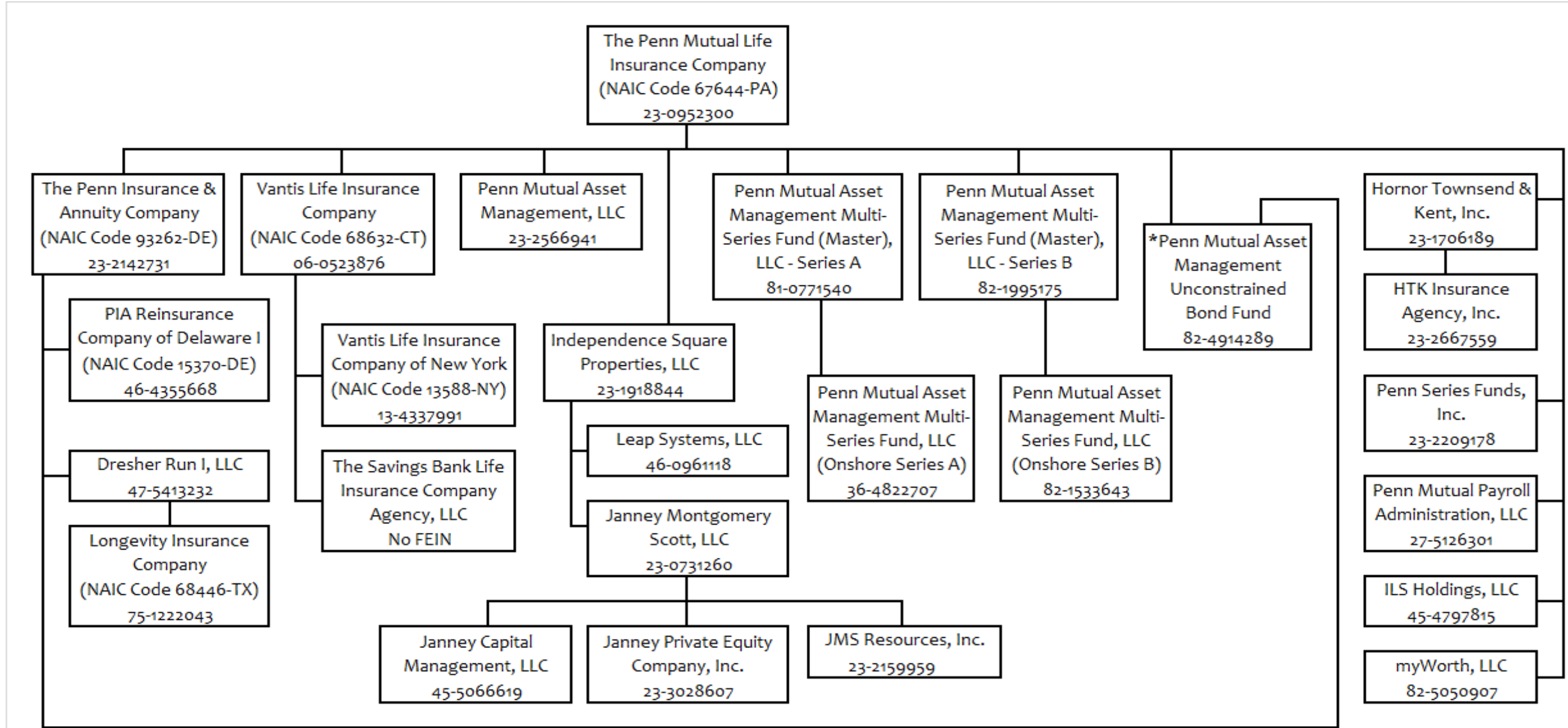
L - Licensed or Chartered - Licensed insurance carrier or domiciled RRG 51
 E - Eligible - Reporting entities eligible or approved to write surplus lines in the state 0

R - Registered - Non-domiciled RRGs 0
 Q - Qualified - Qualified or accredited reinsurer 0
 N - None of the above - Not allowed to write business in the state 6

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

PART 1 – ORGANIZATIONAL CHART

Q12



*Penn Mutual Life and Penn Insurance & Annuity Company each control 46.3% of the entity.

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries or Affiliates	Domiciliary Location	Relationship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Required? (Y/N)	*
Members															
850..	The Penn Mutual Life Insurance Company	67644...	23-0952300..				The Penn Mutual Life Insurance Company.....	PA.....	RE.....					.....N.....	
850..	The Penn Mutual Life Insurance Company	93262...	23-2142731..				The Penn Insurance and Annuity Company.....	DE.....	DS.....	The Penn Mutual Life Insurance Company.....	Ownership.....	....100.000	The Penn Mutual Life Insurance Company.....	.....Y.....	
850..	The Penn Mutual Life Insurance Company	15370...	46-4355668..				PIA Reinsurance Company of Delaware I.....	DE.....	DS.....	The Penn Insurance and Annuity Company.....	Ownership.....	....100.000	The Penn Mutual Life Insurance Company.....	.....Y.....	
850..	The Penn Mutual Life Insurance Company		23-1706189..				Honor Townsend & Kent, Inc.....	PA.....	DS.....	The Penn Mutual Life Insurance Company.....	Ownership.....	....100.000	The Penn Mutual Life Insurance Company.....	.....Y.....	
850..	The Penn Mutual Life Insurance Company		23-2667559..				HTK Insurance Agency, Inc.....	DE.....	DS.....	Honor Townsend & Kent, Inc.....	Ownership.....	....100.000	The Penn Mutual Life Insurance Company.....	.....N.....	
850..	The Penn Mutual Life Insurance Company		23-1918844..				Independence Square Properties, LLC.....	PA.....	DS.....	The Penn Mutual Life Insurance Company.....	Ownership.....	....95.350	The Penn Mutual Life Insurance Company.....	.....N.....	
850..	The Penn Mutual Life Insurance Company		23-2566941..				Penn Mutual Asset Management, LLC.....	PA.....	DS.....	The Penn Mutual Life Insurance Company.....	Ownership.....	....100.000	The Penn Mutual Life Insurance Company.....	.....N.....	
850..	The Penn Mutual Life Insurance Company		23-2209178..				Penn Series Fund, Inc.....	PA.....	DS.....	The Penn Mutual Life Insurance Company.....	Ownership.....	....100.000	The Penn Mutual Life Insurance Company.....	.....N.....	
0850	The Penn Mutual Life Insurance Company		27-5126301..				Penn Mutual Payroll Administration, LLC.....	PA.....	DS.....	The Penn Mutual Life Insurance Company.....	Ownership.....	....100.000	The Penn Mutual Life Insurance Company.....	.....N.....	
0850	The Penn Mutual Life Insurance Company		45-4797815..				ILS Holdings, LLC.....	PA.....	DS.....	The Penn Mutual Life Insurance Company.....	Ownership.....	....100.000	The Penn Mutual Life Insurance Company.....	.....N.....	
0850	The Penn Mutual Life Insurance Company		23-0731260..				Janney Montgomery Scott, LLC.....	PA.....	DS.....	Independence Square Properties, LLC.....	Ownership.....	....100.000	The Penn Mutual Life Insurance Company.....	.....N.....	
0850	The Penn Mutual Life Insurance Company		46-0961118..				Leap Systems, LLC.....	PA.....	DS.....	Independence Square Properties, LLC.....	Ownership.....	....100.000	The Penn Mutual Life Insurance Company.....	.....N.....	
0850	The Penn Mutual Life Insurance Company		45-5066619..				Janney Capital Management, LLC.....	PA.....	DS.....	Janney Montgomery Scott, LLC.....	Ownership.....	....100.000	The Penn Mutual Life Insurance Company.....	.....N.....	
0850	The Penn Mutual Life Insurance Company		23-2159959..				JMS Resources, Inc.....	PA.....	DS.....	Janney Montgomery Scott, LLC.....	Ownership.....	....100.000	The Penn Mutual Life Insurance Company.....	.....N.....	
0850	The Penn Mutual Life Insurance Company		23-3028607..				Janney Private Equity Company, Inc.....	DE.....	DS.....	JMS Resources, Inc.....	Ownership.....	....100.000	The Penn Mutual Life Insurance Company.....	.....N.....	
0850	The Penn Mutual Life Insurance Company		47-5413232..				Dresher Run I, LLC.....	DE.....	DS.....	The Penn Insurance and Annuity Company.....	Ownership.....	....100.000	The Penn Mutual Life Insurance Company.....	.....N.....	
0850	The Penn Mutual Life Insurance Company	68446...	75-1222043..				Longevity Insurance Company.....	TX.....	DS.....	Dresher Run I, LLC.....	Ownership.....	....100.000	The Penn Mutual Life Insurance Company.....	.....N.....	
0850	The Penn Mutual Life Insurance Company		81-0771540..				Penn Mutual Asset Management Multi-Series Fund (Master), LLC - Series A	PA.....	OTH.....	The Penn Mutual Life Insurance Company.....	Influence.....		The Penn Mutual Life Insurance Company.....	.....N.....	1.....
0850	The Penn Mutual Life Insurance Company		36-4822707..				Penn Mutual Asset Management Multi-Series Fund LLC (onshore)	PA.....	OTH.....	Penn Mutual Asset Management Multi-Series Fund (Master), LLC - Series A	Influence.....		The Penn Mutual Life Insurance Company.....N.....	1.....

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SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries or Affiliates	Domiciliary Location	Relationship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Required? (Y/N)	*
0850	The Penn Mutual Life Insurance Company		82-1995175..				Penn Mutual Asset Management Multi-Series Fund (Master), LLC - Series B	PA.....	OTH.....	The Penn Mutual Life Insurance Company.....	Influence.....		The Penn Mutual Life Insurance Company.....	.....N.....	1.....
0850	The Penn Mutual Life Insurance Company		82-1533643..				Penn Mutual Asset Management Multi-Series Fund, LLC (onshore)	PA.....	OTH.....	Penn Mutual Asset Management Multi-Series Fund (Master), LLC - Series B	Influence.....		The Penn Mutual Life Insurance Company.....	.....N.....	1.....
0850	The Penn Mutual Life Insurance Company		82-4914289..				Penn Mutual Asset Management Unconstrained Bond Fund	PA.....	OTH.....	The Penn Mutual Life Insurance Company.....	Influence.....		The Penn Mutual Life Insurance Company.....	.....N.....	1.....
0850	The Penn Mutual Life Insurance Company		82-4914289..				Penn Mutual Asset Management Unconstrained Bond Fund	PA.....	OTH.....	The Penn Insurance & Annuity Company.....	Influence.....		The Penn Mutual Life Insurance Company.....	.....N.....	1.....
0850	The Penn Mutual Life Insurance Company	68632...	06-0523876..				Vantis Life Insurance Company.....	CT.....	DS.....	The Penn Mutual Life Insurance Company.....	Ownership.....	....100.000	The Penn Mutual Life Insurance Company.....	.....Y.....	
0850	The Penn Mutual Life Insurance Company	13588...	13-4337991..				Vantis Life Insurance Company of New York....	NY.....	DS.....	Vantis Life Insurance Company.....	Ownership.....	....100.000	The Penn Mutual Life Insurance Company.....	.....N.....	
0850	The Penn Mutual Life Insurance Company						The Savings Bank Life Insurance Company Agency, LLC	CT.....	DS.....	Vantis Life Insurance Company.....	Ownership.....	....100.000	The Penn Mutual Life Insurance Company.....	.....N.....	
0850	The Penn Mutual Life Insurance Company		82-5050907..				myWorth, LLC.....	PA.....	DS.....	The Penn Mutual Life Insurance Company.....	Ownership.....	....100.000	The Penn Mutual Life Insurance Company.....	.....N.....	

Q13.1

Asteri Explanation

1	Entity over which The Penn Mutual Life Insurance Company has significant influence, but no ownership.
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SUPPLEMENTAL EXHIBITS AND SCHEDULES INTERROGATORIES

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

	Response
1. Will the Trusteed Surplus Statement be filed with the state of domicile and the NAIC with this statement?	NO
2. Will the Medicare Part D Coverage Supplement be filed with the state of domicile and the NAIC with this statement?	NO
3. Will the Reasonableness of Assumptions Certification required by Actuarial Guideline XXXV be filed with the state of domicile and electronically with the NAIC?	NO
4. Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXV be filed with the state of domicile and electronically with the NAIC?	NO
5. Will the Reasonableness of Assumptions Certification for Implied Guaranteed Rate Method required by Actuarial Guideline XXXVI be filed with the state of domicile and electronically with the NAIC?	NO
6. Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Average Market Value) be filed with the state of domicile and electronically with the NAIC?	YES
7. Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Market Value) be filed with the state of domicile and electronically with the NAIC?	NO

Explanations:

1. The data for this supplement is not required to be filed.
2. The data for this supplement is not required to be filed.
3. The data for this supplement is not required to be filed.
4. The data for this supplement is not required to be filed.
5. The data for this supplement is not required to be filed.
- 6.
7. The data for this supplement is not required to be filed.

Bar Code:



Statement as of September 30, 2018 of the **PENN MUTUAL LIFE INSURANCE COMPANY**
Overflow Page for Write-Ins

Additional Write-ins for Assets:

	Current Statement Date			4 December 31, Prior Year Net Admitted Assets
	1 Assets	2 Nonadmitted Assets	3 Net Admitted Assets (Cols. 1 - 2)	
2504. Expense Advances.....	8,809,551	8,809,551	0	
2505. Other Assets.....	2,774,879	36,541	2,738,338	3,583,605
2506. Agents Receivable.....	11,884,602	5,126,132	6,758,470	8,472,036
2507. Collateral for Interest Rate Swaps/Futures.....	3,186,245		3,186,245	93,466,184
2508. Collateral for Repurchase Agreement.....			0	
2509. Suspense.....	6,104,127	114,648	5,989,479	8,977,753
2597. Summary of remaining write-ins for Line 25.....	32,759,404	14,086,872	18,672,532	114,499,578

Additional Write-ins for Liabilities:

	1 Current Statement Date	2 December 31 Prior Year
2504. Other Liabilities.....	1,292,419	1,117,177
2597. Summary of remaining write-ins for Line 25.....	1,292,419	1,117,177

Additional Write-ins for Summary of Operations:

	1 Current Year to Date	2 Prior Year to Date	3 Prior Year Ended December 31
2704. Interest on LLC Note.....	2,363,306	2,192,664	2,957,938
2705. Net Investment Income on Funds Withheld.....	33,973,138	28,435,384	38,396,352
2797. Summary of remaining write-ins for Line 27.....	36,336,444	30,628,048	41,354,291

**PENN MUTUAL LIFE INSURANCE COMPANY
SCHEDULE A - VERIFICATION**

Real Estate

	1 Year to Date	2 Prior Year Ended December 31
1. Book/adjusted carrying value, December 31 of prior year.....	34,547,217	33,441,226
2. Cost of acquired:		
2.1 Actual cost at time of acquisition.....		
2.2 Additional investment made after acquisition.....		2,870,512
3. Current year change in encumbrances.....		
4. Total gain (loss) on disposals.....		
5. Deduct amounts received on disposals.....		
6. Total foreign exchange change in book/adjusted carrying value.....		
7. Deduct current year's other-than-temporary impairment recognized.....		
8. Deduct current year's depreciation.....	1,316,925	1,764,520
9. Book/adjusted carrying value at end of current period (Lines 1+2+3+4-5+6-7-8).....	33,230,292	34,547,217
10. Deduct total nonadmitted amounts.....		
11. Statement value at end of current period (Line 9 minus Line 10).....	33,230,292	34,547,217

SCHEDULE B - VERIFICATION

Mortgage Loans

	1 Year to Date	2 Prior Year Ended December 31
1. Book value/recorded investment excluding accrued interest, December 31 of prior year.....	0	
2. Cost of acquired:		
2.1 Actual cost at time of acquisition.....		
2.2 Additional investment made after acquisition.....		
3. Capitalized deferred interest and other.....		
4. Accrual of discount.....		
5. Unrealized valuation increase (decrease).....		
6. Total gain (loss) on disposals.....		
7. Deduct amounts received on disposals.....		
8. Deduct amortization of premium and mortgage interest points and commitment fees.....		
9. Total foreign exchange change in book value/recorded investment excluding accrued interest.....		
10. Deduct current year's other-than-temporary impairment recognized.....		
11. Book value/recorded investment excluding accrued interest at end of current period (Lines 1+2+3+4+5+6-7-8+9-10).....	0	0
12. Total valuation allowance.....		
13. Subtotal (Line 11 plus Line 12).....	0	0
14. Deduct total nonadmitted amounts.....		
15. Statement value at end of current period (Line 13 minus Line 14).....	0	0

SCHEDULE BA - VERIFICATION

Other Long-Term Invested Assets

	1 Year to Date	2 Prior Year Ended December 31
1. Book/adjusted carrying value, December 31 of prior year.....	1,093,704,708	1,002,104,690
2. Cost of acquired:		
2.1 Actual cost at time of acquisition.....	68,973,626	80,848,320
2.2 Additional investment made after acquisition.....	162,654,780	130,520,699
3. Capitalized deferred interest and other.....		(101,247)
4. Accrual of discount.....		
5. Unrealized valuation increase (decrease).....	37,206,505	7,985,980
6. Total gain (loss) on disposals.....	(280)	
7. Deduct amounts received on disposals.....	28,247,607	109,141,129
8. Deduct amortization of premium and depreciation.....	6,485,032	11,984,637
9. Total foreign exchange change in book/adjusted carrying value.....	(129,753)	(1,740,386)
10. Deduct current year's other-than-temporary impairment recognized.....	274,325	4,787,582
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10).....	1,327,402,623	1,093,704,708
12. Deduct total nonadmitted amounts.....	22,376,583	13,275,512
13. Statement value at end of current period (Line 11 minus Line 12).....	1,305,026,039	1,080,429,196

SCHEDULE D - VERIFICATION

Bonds and Stocks

	1 Year to Date	2 Prior Year Ended December 31
1. Book/adjusted carrying value of bonds and stocks, December 31 of prior year.....	9,889,872,945	9,299,512,707
2. Cost of bonds and stocks acquired.....	1,698,979,950	2,022,705,080
3. Accrual of discount.....	50,853,584	80,039,096
4. Unrealized valuation increase (decrease).....	(6,295,644)	7,179,073
5. Total gain (loss) on disposals.....	(4,423,059)	34,899,630
6. Deduct consideration for bonds and stocks disposed of.....	874,572,991	1,435,654,435
7. Deduct amortization of premium.....	82,608,274	122,235,326
8. Total foreign exchange change in book/adjusted carrying value.....	(1,611,441)	3,622,570
9. Deduct current year's other-than-temporary impairment recognized.....		195,450
10. Total investment income recognized as a result of prepayment penalties and/or acceleration fees.....	1,493,639	
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7+8-9+10).....	10,671,688,709	9,889,872,945
12. Deduct total nonadmitted amounts.....		
13. Statement value at end of current period (Line 11 minus Line 12).....	10,671,688,709	9,889,872,945

SCHEDULE D - PART 1B

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

NAIC Designation	1 Book/Adjusted Carrying Value Beginning of Current Quarter	2 Acquisitions During Current Quarter	3 Dispositions During Current Quarter	4 Non-Trading Activity During Current Quarter	5 Book/Adjusted Carrying Value End of First Quarter	6 Book/Adjusted Carrying Value End of Second Quarter	7 Book/Adjusted Carrying Value End of Third Quarter	8 Book/Adjusted Carrying Value December 31 Prior Year
BONDS								
1. NAIC 1 (a).....	6,597,163,360	473,755,437	193,660,271	(72,521,356)	6,763,854,238	6,597,163,360	6,804,737,170	6,471,272,824
2. NAIC 2 (a).....	2,624,396,852	141,199,965	73,293,930	65,947,535	2,461,813,438	2,624,396,852	2,758,250,422	2,316,497,631
3. NAIC 3 (a).....	263,329,422	21,421,122	17,146,890	(1,753,604)	261,494,345	263,329,422	265,850,050	304,124,775
4. NAIC 4 (a).....	70,201,029		96,402	75,469	80,659,404	70,201,029	70,180,096	81,650,853
5. NAIC 5 (a).....	33,600,669	345,345	3,129,490	(19,908)	31,832,210	33,600,669	30,796,616	28,486,344
6. NAIC 6 (a).....	4,226,208		3,193,935	2,429,327	5,751,060	4,226,208	3,461,600	7,521,532
7. Total Bonds.....	9,592,917,540	636,721,869	290,520,918	(5,842,537)	9,605,404,695	9,592,917,540	9,933,275,954	9,209,553,959
PREFERRED STOCK								
8. NAIC 1.....	22,386,575				17,386,575	22,386,575	22,386,575	24,946,575
9. NAIC 2.....	77,748,880				77,748,880	77,748,880	77,748,880	72,629,880
10. NAIC 3.....	6,048,500				6,048,500	6,048,500	6,048,500	6,048,500
11. NAIC 4.....	7,600,000				7,600,000	7,600,000	7,600,000	7,600,000
12. NAIC 5.....							0	
13. NAIC 6.....	782,614				782,614	782,614	782,614	782,614
14. Total Preferred Stock.....	114,566,569	0	0	0	109,566,569	114,566,569	114,566,569	112,007,569
15. Total Bonds and Preferred Stock.....	9,707,484,109	636,721,869	290,520,918	(5,842,537)	9,714,971,264	9,707,484,109	10,047,842,523	9,321,561,528

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(a) Book/Adjusted Carrying Value column for the end of the current reporting period includes the following amount of short-term and cash equivalent bonds by NAIC designation:
NAIC 1 \$.....0; NAIC 2 \$.....0; NAIC 3 \$.....0; NAIC 4 \$.....0; NAIC 5 \$.....0; NAIC 6 \$.....0.

SCHEDULE DA - PART 1

Short-Term Investments

	1 Book/Adjusted Carrying Value	2 Par Value	3 Actual Cost	4 Interest Collected Year To Date	5 Paid for Accrued Interest Year To Date
9199999.....		.XXX.....			

SCHEDULE DA - VERIFICATION

Short-Term Investments

	1 Year To Date	2 Prior Year Ended December 31
1. Book/adjusted carrying value, December 31 of prior year.....	.0	
2. Cost of short-term investments acquired.....		
3. Accrual of discount.....		
4. Unrealized valuation increase (decrease).....		
5. Total gain (loss) on disposals.....		
6. Deduct consideration received on disposals.....		
7. Deduct amortization of premium.....		
8. Total foreign exchange change in book/adjusted carrying value.....		
9. Deduct current year's other-than-temporary impairment recognized.....		
10. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9).....	.0	.0
11. Deduct total nonadmitted amounts.....		
12. Statement value at end of current period (Line 10 minus Line 11).....	.0	.0

SCHEDULE DB - PART A - VERIFICATION

Options, Caps, Floors, Collars, Swaps and Forwards

1. Book/adjusted carrying value, December 31, prior year (Line 9, prior year).....	(238,704,591)
2. Cost paid/(consideration received) on additions.....	(6,343,003)
3. Unrealized valuation increase/(decrease).....	28,544,469
4. Total gain (loss) on termination recognized.....	7,252,964
5. Considerations received/(paid) on terminations.....	2,378,254
6. Amortization.....	
7. Adjustment to the book/adjusted carrying value of hedge item.....	
8. Total foreign exchange change in book/adjusted carrying value.....	
9. Book/adjusted carrying value at end of current period (Lines 1 + 2 + 3 + 4 - 5 + 6 + 7 + 8).....	(211,628,415)
10. Deduct nonadmitted assets.....	
11. Statement value at end of current period (Line 9 minus Line 10).....	(211,628,415)

SCHEDULE DB - PART B - VERIFICATION

Futures Contracts

1. Book/adjusted carrying value, December 31, prior year (Line 6, prior year).....	372,505
2. Cumulative cash change (Section 1, Broker Name/Net Cash Deposits Footnote - Cumulative Cash Change column).....	(372,500)
3.1 Add:	
Change in variation margin on open contracts - Highly Effective Hedges:	
3.11 Section 1, Column 15, current year to date minus.....	
3.12 Section 1, Column 15, prior year.....	0
Change in variation margin on open contracts - All Other:	
3.13 Section 1, Column 18, current year to date minus.....	(1,080,745)
3.14 Section 1, Column 18, prior year.....	372,501
	(1,453,246)
	(1,453,246)
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.....	0
Change in amount recognized:	
3.23 Section 1, Column 19, current year to date minus.....	(1,080,745)
3.24 Section 1, Column 19, prior year.....	372,500
	(1,453,245)
	(1,453,245)
3.3 Subtotal (Line 3.1 minus Line 3.2).....	(1)
4.1 Cumulative variation margin on terminated contracts during the year.....	
4.2 Less:	
4.21 Amount used to adjust basis of hedged item.....	
4.22 Amount recognized.....	0
4.3 Subtotal (Line 4.1 minus Line 4.2).....	0
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 the 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).....	5
7. Deduct nonadmitted assets.....	
8. Statement value at end of current period (Line 6 minus Line 7).....	5

SCHEDULE DB - PART C - SECTION 1

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

Replication (Synthetic) Asset Transactions								Components of the Replication (Synthetic Asset) Transactions							
1	2	3	4	5	6	7	8	Derivative Instrument(s) Open			Cash Instrument(s) Held				
		NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9	10	11	12	13	14	15	16
Number	Description	Description	Amount	Value	Value	Date	Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value

SCHEDULE DB - PART C - SECTION 2

Reconciliation (Synthetic Asset) Transactions Open

	First Quarter		Second Quarter		Third Quarter		Fourth Quarter		Year-To-Date	
	1	2	3	4	5	6	7	8	9	10
	Number of Positions	Total Replication (Synthetic Asset) Transactions Statement Value	Number of Positions	Total Replication (Synthetic Asset) Transactions Statement Value	Number of Positions	Total Replication (Synthetic Asset) Transactions Statement Value	Number of Positions	Total Replication (Synthetic Asset) Transactions Statement Value	Number of Positions	Total Replication (Synthetic Asset) Transactions Statement Value
1. Beginning Inventory.....	.....0	.....0	.....0	.....0	.....0	.....0	.....0	.....0	.....0	.....0
2. Add: Opened or acquired transactions.....									.....0	.....0
3. Add: Increases in replication (synthetic asset) transactions statement value.....	XXX		XXX		XXX		XXX		XXX	.....0
4. Less: Closed or disposed of transactions.....									.....0	.....0
5. Less: Positions disposed of for failing effectiveness criteria.....									.....0	.....0
6. Less: Decreases in replication (synthetic asset) transactions statement value.....	XXX		XXX		XXX		XXX		XXX	.....0
7. Ending Inventory.....	.....0	.....0	.....0	.....0	.....0	.....0	.....0	.....0	.....0	.....0

Statement as of September 30, 2018 of the **PENN MUTUAL LIFE INSURANCE COMPANY**
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.....	(211,628,407)	
2. Part B, Section 1, Column 15 plus Part B, Section 1 Footnote - Total Ending Cash Balance.....	_____	
3. Total (Line 1 plus Line 2).....	_____	(211,628,407)
4. Part D, Section 1, Column 5.....	214,260,114	
5. Part D, Section 1, Column 6.....	(425,888,522)	
6. Total (Line 3 minus Line 4 minus Line 5).....	_____	1

Fair Value Check

7. Part A, Section 1, Column 16.....	(211,628,407)	
8. Part B, Section 1, Column 13.....	20,500	
9. Total (Line 7 plus Line 8).....	_____	(211,607,907)
10. Part D, Section 1, Column 8.....	216,005,988	
11. Part D, Section 1, Column 9.....	(427,613,896)	
12. Total (Line 9 minus Line 10 minus Line 11).....	_____	1

Potential Exposure Check

13. Part A, Section 1, Column 21.....	95,958,543	
14. Part B, Section 1, Column 20.....	_____	
15. Part D, Section 1, Column 11.....	98,043,542	
16. Total (Line 13 plus Line 14 minus Line 15).....	_____	(2,084,999)

SCHEDULE E - PART 2 - VERIFICATION

Cash Equivalents

	1 Year To Date	2 Prior Year Ended December 31
1. Book/adjusted carrying value, December 31 of prior year.....	218,037,230	
2. Cost of cash equivalents acquired.....	3,072,164,612	1,037,516,918
3. Accrual of discount.....		(11,346)
4. Unrealized valuation increase (decrease).....		
5. Total gain (loss) on disposals.....	5,019	(14,409)
6. Deduct consideration received on disposals.....	3,170,276,444	.819,453,933
7. Deduct amortization of premium.....		
8. Total foreign exchange change in book/ adjusted carrying value.....		
9. Deduct current year's other-than-temporary impairment recognized.....		
10. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9).....	119,930,417	.218,037,230
11. Deduct total nonadmitted amounts.....		
12. Statement value at end of current period (Line 10 minus Line 11).....	119,930,417	.218,037,230

SCHEDULE A - PART 2

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

1 Description of Property	Location		4 Date Acquired	5 Name of Vendor	6 Actual Cost at Time of Acquisition	7 Amount of Encumbrances	8 Book/Adjusted Carrying Value Less Encumbrances	9 Additional Investment Made After Acquisition
	2 City	3 State						

QE01

SCHEDULE A - PART 3

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

1 Description of Property	Location		4 Disposal Date	5 Name of Purchaser	6 Actual Cost	7 Expended for Additions, Permanent Improvements and Changes in Encumbrances	8 Book/Adjusted Carrying Value Less Encumbrances Prior Year	Change in Book/Adjusted Carrying Value Less Encumbrances					14 Book/Adjusted Carrying Value Less Encumbrances on Disposal	15 Amounts Received During Year	16 Foreign Exchange Gain (Loss) on Disposal	17 Realized Gain (Loss) on Disposal	18 Total Gain (Loss) on Disposal	19 Gross Income Earned Less Interest Incurred on Encumbrances	20 Taxes, Repairs, and Expenses Incurred
	2 City	3 State						9 Current Year's Depreciation	10 Current Year's Other-Than-Temporary Impairment Recognized	11 Current Year's Change in Encumbrances	12 Total Change in B./A.C.V. (11 - 9 - 10)	13 Total Foreign Exchange Change in B./A.C.V.							

SCHEDULE B - PART 2

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

1	Location		4	5	6	7	8	9
Loan Number	2	3	Loan Type	Date Acquired	Rate of Interest	Actual Cost at Time of Acquisition	Additional Investment Made After Acquisition	Value of Land and Buildings
	City	State						

QE02

SCHEDULE B - PART 3

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

1	Location		4	5	6	7	Change in Book Value/Recorded Investment					14	15	16	17	18	
Loan Number	2	3	Loan Type	Date Acquired	Disposal Date	Book Value/Recorded Investment Excluding Accrued Interest Prior Year	8	9	10	11	12	13	Book Value / Recorded Investment Excluding Accrued Interest on Disposal	Consideration	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal
	City	State					Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Capitalized Deferred Interest and Other	Total Change in Book Value (8 + 9 - 10 + 11)	Total Foreign Exchange Change in Book Value					

SCHEDULE BA - PART 2

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

1 CUSIP Identification	2 Name or Description		Location		5 Name of Vendor or General Partner	6 NAIC Designation	7 Date Originally Acquired	8 Type and Strategy	9 Actual Cost at Time of Acquisition	10 Additional Investment Made after Acquisition	11 Amount of Encumbrances	12 Commitment for Additional Investment	13 Percentage of Ownership
			3 City	4 State									
Fixed or Variable Interest Rate Investments That Have Underlying Characteristics of Bonds - Affiliated													
000000 00 0	Penn Mutual Unconstrained Bond Fund.....		Oaks.....	PA...	Advisors Inner Circle Fund III.....	2FE.....	07/02/2018.....		50,000,000				46.300
0899999. Total - Fixed or Variable Interest Rate Investments That Have Underlying Characteristics of Bonds - Affiliated.....									50,000,000	0	0	0	XXX.....
Fixed or Variable Interest Rate Investments That Have Underlying Characteristics of Other Fixed Income Instruments - Affiliated													
000000 00 0	Janney Montgomery Scott, LLC.....		Philadelphia.....	PA...			09/15/2016.....			50,000,000			100.000
1299999. Total - Fixed or Variable Interest Rate Investments That Have Underlying Characteristics of Other Fixed Income Instruments - Affiliated.....									0	50,000,000	0	0	XXX.....
Joint Venture or Partnership Interests That Have Underlying Characteristics of Common Stocks - Unaffiliated													
000000 00 0	Atlas Venture Fund X, L.P.....		Cambridge.....	MA...	Atlas Venture Partners.....		03/20/2015.....	1		435,201		787,016	2.800
000000 00 0	Atlas Venture Fund XI, L.P.....		Cambridge.....	MA...	Atlas Venture Partners.....		06/30/2017.....	1		568,345		11,026,707	4.000
000000 00 0	Battery Ventures X, L.P.....		Waltham.....	MA...	Battery Ventures.....		06/13/2013.....	1		107,602		278,500	0.308
000000 00 0	Battery Ventures XI, L.P.....		Waltham.....	MA...	Battery Ventures.....		02/22/2016.....	1		217,000		1,554,000	1.077
000000 00 0	Battery Ventures XII, L.P.....		Waltham.....	MA...	Battery Ventures.....		01/31/2018.....	1		724,500		10,097,000	1.438
000000 00 0	Bessemer Venture Partners IX, L.P.....		Larchmont.....	NY...	Bessemer Venture Partners.....		02/28/2015.....	1		536,470		2,001,693	0.438
000000 00 0	Cross Creek Capital Partners IV, L.P.....		Salt Lake City.....	UT...	Cross Creek Capital.....		03/31/2016.....			451,620		4,215,120	7.527
000000 00 0	Frazier Life Sciences IX, L.P.....		Menlo Park.....	CA...	Frazier Healthcare Partners.....		10/31/2017.....	1		990,000		17,870,000	5.000
000000 00 0	Frazier Life Sciences VIII, L.P.....		Menlo Park.....	CA...	Frazier Healthcare Partners.....		09/30/2015.....	1		1,062,000		2,928,000	5.333
000000 00 0	Glendower Capital Secondary Opportunities Fund IV, L.P.....		London.....	GBR...	Glendower Capital.....		04/01/2018.....			2,163,372		24,436,628	1.400
000000 00 0	GS Vintage Fund V, L.P.....		New York.....	NY...	Goldman Sachs & Co.....		10/29/2008.....			21,717		1,320,040	0.183
000000 00 0	Jackson Square Ventures I, L.P.....		Menlo Park.....	CA...	Jackson Square Ventures.....		11/28/2011.....	1		48,322		417,932	2.416
000000 00 0	Lightspeed Venture Partners X, L.P.....		Menlo Park.....	CA...	Lightspeed Ventures.....		07/07/2014.....	1		112,500		337,500	0.720
000000 00 0	Lightspeed Venture Partners XI, L.P.....		Menlo Park.....	CA...	Lightspeed Ventures.....		03/10/2016.....	1		925,000		1,850,000	0.999
000000 00 0	Lightspeed Venture Partners XII, L.P.....		Menlo Park.....	CA...	Lightspeed Ventures.....		03/31/2018.....	1		1,000,000		8,800,000	1.333
000000 00 0	Longitude Venture Partners II, L.P.....		Menlo Park.....	CA...	Longitude Capital Management Co., LLC.....		04/25/2013.....	1		107,532		390,964	1.558
000000 00 0	Longitude Venture Partners III, L.P.....		Menlo Park.....	CA...	Longitude Capital Management Co., LLC.....		03/31/2016.....	1		598,095		5,199,213	1.524
000000 00 0	Menlo Special Opportunities Fund, L.P.....		Menlo Park.....	CA...	Menlo Ventures.....		03/31/2016.....	1		918,720		1,668,752	4.000
000000 00 0	Menlo Ventures XIV, L.P.....		Menlo Park.....	CA...	Menlo Ventures.....		05/31/2017.....	1		600,000		7,800,000	2.667
000000 00 0	Morgan Stanley Private Markets Fund III LP.....		New York.....	NY...	Morgan Stanley.....		04/26/2006.....			2,619		123,776	0.516
000000 00 0	New Leaf Ventures III, L.P.....		New York.....	NY...	New Leaf Venture Partners.....		11/30/2014.....	1		1,120,000		3,640,000	3.733
000000 00 0	New Leaf Ventures IV, L.P.....		New York.....	NY...	New Leaf Venture Partners.....		03/31/2018.....	1	375,684	549,077		15,075,239	5.818
000000 00 0	Omega Fund V, L.P.....		Boston.....	MA...	Omega Fund Management.....		04/30/2015.....			1,033,900		4,848,573	4.000
000000 00 0	Point 406 Ventures III, L.P.....		Boston.....	MA...	406 Ventures.....		04/30/2015.....	1		294,000		3,816,000	3.429
000000 00 0	Sanderling Ventures VII, L.P.....		San Mateo.....	CA...	Sanderling Ventures.....		09/03/2013.....	1		250,000		1,650,000	6.100
000000 00 0	Shasta Ventures V, L.P.....		Menlo Park.....	CA...	Shasta Ventures Management.....		06/27/2016.....	1		800,000		4,000,000	2.667
000000 00 0	Trinity Ventures XI, L.P.....		Menlo Park.....	CA...	Trinity Ventures.....		04/04/2013.....	1		146,250		675,000	1.371
000000 00 0	Trinity Ventures XII, L.P.....		Menlo Park.....	CA...	Trinity Ventures.....		10/31/2015.....	1		360,000		3,840,000	2.000
000000 00 0	Upfront VI, L.P.....		Los Angeles.....	CA...	Upfront Ventures.....		05/31/2017.....	1		280,355		6,361,001	0.001
000000 00 0	US Venture Partners XI, L.P.....		Menlo Park.....	CA...	US Venture Partners.....		05/20/2015.....	1		525,000		6,675,000	5.455
1599999. Total - Joint Venture or Partnership Interests That Have Underlying Characteristics of Common Stocks - Unaffiliated.....									375,684	16,949,197	0	153,683,654	XXX.....
Joint Venture or Partnership Interests That Have Underlying Characteristics of Other - Unaffiliated													
000000 00 0	ABRY Advanced Securities Fund II, L.P.....		Boston.....	MA...	ABRY Partners, LLC.....		05/04/2011.....	2		14,600		3,121,285	0.553
000000 00 0	ABRY Advanced Securities Fund III, L.P.....		Boston.....	MA...	ABRY Partners, LLC.....		09/14/2011.....	2		54,366		5,438,602	0.667
000000 00 0	ABRY Heritage Partners, L.P.....		Boston.....	MA...	ABRY Partners, LLC.....		07/22/2016.....	3		28,666		4,187,882	1.048
000000 00 0	ABRY Partners VII, L.P.....		Boston.....	MA...	ABRY Partners, LLC.....		08/10/2011.....	3		11,394		640,912	0.490
000000 00 0	ABRY Senior Equity IV, L.P.....		Boston.....	MA...	ABRY Partners, LLC.....		12/12/2012.....	2		23,627		1,019,308	1.022
000000 00 0	Acon Equity Partners IV, L.P.....		Washington.....	DC...	Acon Investments.....		04/22/2016.....	3		3,386,083		12,105,104	3.460

QE03

SCHEDULE BA - PART 2

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

1 CUSIP Identification	2 Name or Description	3 Location		5 Name of Vendor or General Partner	6 NAIC Designation	7 Date Originally Acquired	8 Type and Strategy	9 Actual Cost at Time of Acquisition	10 Additional Investment Made after Acquisition	11 Amount of Encumbrances	12 Commitment for Additional Investment	13 Percentage of Ownership
		City	State									
000000 00 0	Apollo European Principal Finance Fund II, L.P.....	Purchase	NY....	Apollo Global Management, LLC.....		07/23/2012.....	11		26,316		2,308,328	0.565
000000 00 0	Apollo European Principal Finance Fund III, L.P.....	Purchase	NY....	Apollo Global Management, LLC.....		03/31/2017.....	11		860,383		16,567,134	0.001
000000 00 0	Avenue Europe Special Situations Fund III (U.S.), L.P.....	New York.....	NY....	Avenue Capital Group.....		06/05/2015.....	11		640,000		288,443	0.800
000000 00 0	Beacon Capital Strategic Partners VII, L.P.....	Boston.....	MA....	Beacon Capital Partners, LLC.....		10/20/2015.....			600,000		6,600,000	2.000
000000 00 0	Brynwood Partners VII L.P.....	Greenwich.....	CT....	Brynwood Partners.....		12/27/2013.....	3		464,289		1,446,278	1.667
000000 00 0	Brynwood Partners VIII L.P.....	Greenwich.....	CT....	Brynwood Partners.....		01/31/2018.....	3		1,603,056		5,183,248	1.231
000000 00 0	Carlyle Strategic Partners III, L.P.....	Wilmington.....	DE....	Carlyle Group, L.P.....		09/30/2012.....	11		19,624		2,993,639	0.843
000000 00 0	Carlyle Strategic Partners IV, L.P.....	Wilmington.....	DE....	Carlyle Group, L.P.....		03/31/2016.....	11		932,738		12,689,595	0.800
000000 00 0	Columbia Capital Equity Partners VI, L.P.....	Alexandria.....	VA....	Columbia Capital.....		07/31/2015.....			1,074,316		4,951,170	2.400
000000 00 0	EIF United States Power Fund IV, L.P.....	Needham.....	MA....	Energy Investors Funds.....		11/28/2011.....			262,528	(262,528)		0.350
000000 00 0	EnCap Energy Capital Fund IX, L.P.....	Houston.....	TX....	EnCap Investments, L.P.....		01/08/2013.....			132,696		1,182,128	0.233
000000 00 0	EnCap Energy Capital Fund VIII, L.P.....	Houston.....	TX....	EnCap Investments, L.P.....		11/30/2010.....			159,080		497,763	0.194
000000 00 0	EnCap Energy Capital Fund X, L.P.....	Houston.....	TX....	EnCap Investments, L.P.....		02/28/2015.....			657,570		4,451,574	0.340
000000 00 0	EnCap Energy Capital Fund XI, L.P.....	Houston.....	TX....	EnCap Investments, L.P.....		01/31/2017.....			148,710		14,520,636	0.246
000000 00 0	EnCap Flatrock Midstream Fund III, L.P.....	Houston.....	TX....	EnCap Investments, L.P.....		07/09/2014.....			1,682,660		1,775,877	0.200
000000 00 0	EnCap Flatrock Midstream Fund IV, L.P.....	Houston.....	TX....	EnCap Investments, L.P.....		08/31/2017.....			3,116,098		6,441,243	0.333
000000 00 0	Frazier Healthcare VI, LP.....	Seattle.....	WA....	Frazier Healthcare Partners.....		03/26/2008.....			16,500			0.812
000000 00 0	Frazier Healthcare VII, LP.....	Seattle.....	WA....	Frazier Healthcare Partners.....		08/01/2013.....			240,000		285,000	1.706
000000 00 0	Fulcrum Capital Partners V, LP.....	Toronto.....	ON....	Fulcrum Capital Partners.....		06/11/2015.....	3		1,303,265		3,978,986	4.000
000000 00 0	Graham Partners Annex, LP.....	Newtown Sqaure.....	PA....	Graham Partners.....		03/15/2010.....	3		45,676		211,124	6.667
000000 00 0	Graham Partners IV, L.P.....	Newtown Sqaure.....	PA....	Graham Partners.....		07/31/2015.....	3				5,425,641	3.200
000000 00 0	Gryphon Partners V, L.P.....	San Francisco.....	CA....	Gryphon Investors.....		02/28/2018.....	3	6,711,721			13,288,279	1.003
000000 00 0	GS Mezzanine Partners 2006, L.P.....	New York.....	NY....	Goldman Sachs & Co.....		04/07/2006.....	2		1,144		420,175	0.237
000000 00 0	Highbridge Specialty Loan Fund III LP.....	New York.....	NY....	Highbridge Principal Strategies.....		05/06/2013.....			161,324		465,657	3.594
000000 00 0	MatlinPatterson Global Opportunities Partners III L.P.....	New York.....	NY....	Matlin Patterson Global Advisors.....		06/22/2007.....	11		12,131		229,285	0.200
000000 00 0	MHR Institutional Partners IV, L.P.....	New York.....	NY....	MHR Fund Management.....		06/27/2016.....	11		750,000		11,622,303	2.222
000000 00 0	Miravast ILS Credit Opportunities L.P.....	Ewing.....	NJ....	Miravast LLC.....		12/01/2017.....			56,373		7,864,678	8.000
000000 00 0	NGP Natural Resources XII, L.P.....	Irving.....	TX....	NGP Energy Capital Management.....		08/31/2017.....			(61,505)		12,795,354	0.301
000000 00 0	Patriot Financial Partners III, L.P.....	Philadelphia.....	PA....	Patriot Financial Partners.....		11/01/2017.....	3		1,600,000		12,800,000	5.333
000000 00 0	Resolution Recovery Partners, LP.....	New York.....	NY....	Ranieri Real Estate Partners.....		02/03/2012.....	11		22,339		1,219,523	1.000
000000 00 0	RFE Investment Partners VIII, LP.....	New Canaan.....	CT....	RFE Investment Partners.....		06/29/2012.....	3		24,099		127,113	1.205
000000 00 0	Selene Residential Mortgage Opportunity Fund II L.P.....	New York.....	NY....	Ranieri Real Estate Partners.....		12/27/2010.....	11		31,383		7,180,957	2.521
000000 00 0	Starwood Global Opportunity Fund XI, L.P.....	Greenwich.....	CT....	Starwood Capital.....		05/31/2017.....			420,000		13,580,000	0.001
000000 00 0	Summit Partners Growth Equity Fund IX.....	Boston.....	MA....	Summit Partners.....		09/30/2015.....			662,400		4,209,600	0.267
000000 00 0	TRG Forestry Fund 8.....	Boston.....	MA....	The Rohatyn Group.....		12/13/2004.....		(155)			155	0.760
000000 00 0	Warburg Pincus Financial Sector, L.P.....	New York.....	NY....	Warburg, Pincus LLC.....		09/21/2017.....			369,000		7,659,000	0.563
000000 00 0	Warburg Pincus Private Equity XII, LP.....	New York.....	NY....	Warburg, Pincus LLC.....		12/21/2015.....			2,365,500		6,517,000	0.147
2199999	Total - Joint Venture or Partnership Interests That Have Underlying Characteristics of Other - Unaffiliated.....							6,711,721	27,489,463	0	218,027,451	XXX.....
4499999	Subtotal - Unaffiliated.....							7,087,405	44,438,660	0	371,711,105	XXX.....
4599999	Subtotal - Affiliated.....							50,000,000	50,000,000	0	0	XXX.....
4699999	Totals.....							57,087,405	94,438,660	0	371,711,105	XXX.....

QE03.1

SCHEDULE BA - PART 3

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

1	2	Location		5	6	7	8	Changes in Book/Adjusted Carrying Value						15	16	17	18	19	20				
		3	4					9	10	11	12	13	14										
CUSIP Identification	Name or Description	City	State	Name of Purchaser or Nature of Disposal	Date Originally Acquired	Disposal Date	Book/Adjusted Carrying Value Less Encumbrances, Prior Year	Unrealized Valuation Increase (Decrease)	Current Year's (Depreciation) or (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Capitalized Deferred Interest and Other	Total Change in B./A.C.V. (9+10-11+12)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value Less Encumbrances on Disposal	Consideration	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Investment Income				
Joint Venture or Partnership Interests That Have Underlying Characteristics of Common Stocks - Unaffiliated																							
000000	00 0	Edison Venture Fund V, LP	Lawrenceville	NJ	Return of Capital	05/13/2002	08/01/2018	398,115						398,115	398,115								
000000	00 0	GS Vintage Fund V, L.P.	New York	NY	Return of Capital	10/29/2008	09/13/2018	187,808						187,808	187,808								
000000	00 0	Longitude Venture Partners, L.P.	Menlo Park	CA	Return of Capital	11/20/2007	08/14/2018	235,219						235,219	235,219								
000000	00 0	Morgan Stanley Private Markets Fund III LP	New York	NY	Return of Capital	04/26/2006	09/25/2018	65,081						65,081	65,081								
000000	00 0	Point Judith Venture Fund III, L.P.	Providence	RI	Return of Capital	11/21/2011	08/13/2018	251,886						251,886	251,886								
1599999	Total - Joint Venture or Partnership Interests That Have Underlying Characteristics of Common Stocks - Unaffiliated																	1,138,109	1,138,109				
Joint Venture or Partnership Interests That Have Underlying Characteristics of Other - Unaffiliated																							
000000	00 0	ABRY Advanced Securities Fund II, L.P.	Boston	MA	Return of Capital	05/04/2011	09/27/2018	104,883						104,883	104,883								
000000	00 0	ABRY Partners VII, L.P.	Boston	MA	Return of Capital	08/10/2011	08/17/2018	355,876						355,876	355,876								
000000	00 0	Apollo European Principal Finance Fund II, L.P.	Purchase	NY	Return of Capital	07/23/2012	07/30/2018	470,558						470,558	470,558								
000000	00 0	Apollo European Principal Finance Fund III, L.P.	Purchase	NY	Return of Capital	03/31/2017	09/13/2018	19,500						19,500	19,500								
000000	00 0	Avenue Europe Special Situations Fund II (U.S.), L.P.	New York	NY	Return of Capital	10/04/2011	08/29/2018	230,347						230,347	230,347								
000000	00 0	Avenue Special Situations Fund VI, L.P.	New York	NY	Return of Capital	06/15/2010	09/26/2018	21,830						21,830	21,830								
000000	00 0	BTG Global Timberland Resources Fund - B shares	Luxembourg	Lux	Return of Capital	01/13/2011	09/14/2018	32,892						32,892	32,892								
000000	00 0	BTG Select Timberland Investment Fund II, LLC	Atlanta	GA	Return of Capital	05/02/2007	08/30/2018	529,550						529,550	529,550								
000000	00 0	Carlyle Strategic Partners IV, L.P.	Wilmington	DE	Return of Capital	03/31/2016	07/03/2018	403,226						403,226	403,226								
000000	00 0	EIF United States Power Fund IV, L.P.	Needham	MA	Return of Capital	11/28/2011	08/03/2018	408,865						408,865	408,865								
000000	00 0	EnCap Energy Capital Fund IX, L.P.	Houston	TX	Return of Capital	01/08/2013	06/01/2018	117,757						117,757	117,757								
000000	00 0	Graham Partners III, L.P.	Newtown Square	PA	Return of Capital	09/30/2008	07/31/2018	67,935						67,935	67,935								
000000	00 0	GS Mezzanine Partners 2006, L.P.	New York	NY	Return of Capital	04/07/2006	09/12/2018	23,857						23,857	23,857								
000000	00 0	Highbridge Specialty Loan Fund III LP	New York	NY	Return of Capital	05/06/2013	09/21/2018	259,569						259,569	259,569								
000000	00 0	Kelso Investment Associates VIII, L.P.	New York	NY	Return of Capital	11/29/2007	08/07/2018	20,573						20,573	20,573								
000000	00 0	MatlinPatterson Global Opportunities Partners III L.P.	New York	NY	Return of Capital	06/22/2007	08/24/2018	683,409						683,409	683,409								
000000	00 0	New Canaan Funding Mezzanine V, L.P.	New Canaan	CT	Return of Capital	08/05/2011	07/13/2018	9,448						9,448	9,448								
000000	00 0	Perry Partners L.P. Class C	New York	NY	Return of Capital	12/24/2014	07/18/2018	127,762						127,762	127,762								
000000	00 0	Resolution Recovery Partners, LP	New York	NY	Return of Capital	02/03/2012	09/10/2018	187,856						187,856	187,856								
000000	00 0	TRG Forestry Fund 8	Boston	MA	Return of Capital	12/13/2004	09/26/2018	276,314						276,314	276,314								
2199999	Total - Joint Venture or Partnership Interests That Have Underlying Characteristics of Other - Unaffiliated																	4,352,007	4,352,007				
4499999	Subtotal - Unaffiliated																	5,490,116	5,490,116				
4699999	Totals																	5,490,116	5,490,116				

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SCHEDULE D - PART 3

Showing all Long-Term Bonds and Stocks ACQUIRED During Current Quarter

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation or Market Indicator (a)
Bonds - U.S. Government									
38375U	SC 5		08/01/2018	PAYUP					1
38378B	2W 8		09/01/2018	PAYUP		96,834	96,834		1
38378B	3F 4		09/01/2018	PAYUP		30,710	30,710		1
38378B	M6 3		09/01/2018	PAYUP		60,471	60,471		1
38378B	N5 4		09/01/2018	PAYUP		73,856	73,856		1
912828	4Y 3		09/10/2018	DEUTSCHE BANC/ALEX B.		19,967,969	20,000,000	15,953	1
912828	K3 3		07/25/2018	VARIOUS		79,280,478	80,499,500	27,768	1
912828	Y4 6		08/24/2018	VARIOUS		90,008,008	90,000,000	140,166	1
0599999 Total - Bonds - U.S. Government						189,518,326	190,761,371	183,887	.XXX
Bonds - All Other Government									
46513Y	KP 2	D	07/18/2018	J.P. MORGAN CLEARING		5,000,000	5,000,000		1FE
1099999 Total - Bonds - All Other Government						5,000,000	5,000,000	0	.XXX
Bonds - U.S. Special Revenue and Special Assessment									
3137FG	ZK 4		08/03/2018	CREDIT SUISSE FIRST		3,736,656	16,000,000	13,100	1
3137FH	2C 6		08/15/2018	BARCLAYS CAPITAL FIX		5,092,266		39,857	1
3199999 Total - Bonds - U.S. Special Revenue and Special Assessments						8,828,922	16,000,000	52,957	.XXX
Bonds - Industrial and Miscellaneous									
023135	BF 2		07/11/2018	DEUTSCHE BANC/ALEX B.		2,499,575	2,500,000	37,943	1FE
03349M	AB 1		09/13/2018	CITIGROUP GLOBAL MKT		1,865,140	2,000,000	41,500	2FE
038923	AD 0		07/03/2018	EXCHANGE OFFER		1,999,550	2,000,000	34,375	1FE
05549G	AJ 0		07/13/2018	CITIGROUP GLOBAL MKT		7,500,000	7,500,000		1FE
07274N	AN 3		07/11/2018	WELLS FARGO SECS LLC		3,538,535	3,500,000	8,094	2FE
07274N	AY 9		07/12/2018	NON-BROKER TRADE, BO		3,000,000	3,000,000		2FE
07274N	BC 6		07/12/2018	NON-BROKER TRADE, BO		1,990,000	1,990,000		2FE
07274N	BD 4		07/12/2018	NON-BROKER TRADE, BO		1,729,000	1,729,000		2FE
07274N	BE 2		07/12/2018	NON-BROKER TRADE, BO		10,000,000	10,000,000		2FE
07284R	AA 0		08/23/2018	RAYMOND JAMES & ASSO		4,579,078	4,075,000	60,720	1FE
08162C	AJ 9		09/21/2018	CITIGROUP GLOBAL MKT		3,001,280		12,613	1FE
084423	AP 7		07/30/2018	RAYMOND JAMES & ASSO		2,945,195	2,492,000	71,818	2FE
084659	AQ 4		07/23/2018	WELLS FARGO SECS LLC		1,749,440	1,750,000		1FE
11043H	AA 6		07/09/2018	BARCLAYS CAPITAL FIX		3,633,264	3,667,000	8,824	1FE
12592B	AJ 3		08/09/2018	BANC/AMERICA SECUR.L		1,994,020	2,000,000		3FE
149123	BL 4		07/19/2018	PERSHING & COMPANY		2,832,372	2,450,000	46,169	1FE
21075W	EV 3		09/17/2018	NON-BROKER TRADE, BO			1		2FE
210795	PZ 7		07/17/2018	BAIRD ROBERT W & CO		3,815,106	3,769,532	42,585	1FE
22822R	BH 2		09/14/2018	CREDIT SUISSE FIRST		3,022,950	3,000,000	1,060	1FE
22822V	AF 8		09/13/2018	BANC/AMERICA SECUR.L		1,915,640	2,000,000	32,194	2FE
26442U	AG 9		08/06/2018	JPM SECURITIES-FIXED		2,999,430	3,000,000		1FE
26885B	AE 0		09/13/2018	MORGAN STANLEY & CO		2,129,380	2,000,000	29,611	2FE
291011	BD 5		09/06/2018	WELLS FARGO SECS LLC		8,053,990	7,000,000	117,396	1FE
29736R	AC 4		07/18/2018	CREDIT SUISSE FIRST		3,130,700	2,500,000	27,083	1FE
30231G	AN 2		07/12/2018	UBS SECURITIES LLC		949,550	1,000,000	12,881	1FE
30231G	AW 2		07/13/2018	CITIGROUP GLOBAL MKT		2,607,375	2,500,000	38,854	1FE
30296X	AG 2		07/10/2018	BARCLAYS BANK NEW YO		3,921,844	4,000,000	8,532	2FE
30307R	AE 7		09/13/2018	JPM SECURITIES-FIXED		2,444,023	2,500,000	7,342	2FE
31620R	AG 0		08/08/2018	BANC/AMERICA SECUR.L		3,721,950	3,750,000		2FE

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SCHEDULE D - PART 3

Showing all Long-Term Bonds and Stocks ACQUIRED During Current Quarter

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation or Market Indicator (a)
341081 EY 9	FLORIDA POWER & LIGHT CO.....		07/11/2018.....	PERSHING & COMPANY.....		5,846,278	4,798,000	55,730	1FE.....
369550 AT 5	GENERAL DYNAMICS CORP.....		07/11/2018.....	GOLDMAN SACHS & CO.....		2,434,925	2,500,000	14,500	1FE.....
404121 AJ 4	HCA INC.....		08/09/2018.....	GOLDMAN SACHS & CO.....		1,000,000	1,000,000		3FE.....
437076 AS 1	HOME DEPOT INC/THE.....		07/18/2018.....	CREDIT SUISSE FIRST.....		3,101,975	2,500,000	13,872	1FE.....
437076 BF 8	HOME DEPOT INC/THE.....		07/25/2018.....	WELLS FARGO SECS LLC.....		2,891,692	2,765,000	44,609	1FE.....
438516 AR 7	HONEYWELL INTERNATIONAL INC.....		07/11/2018.....	JEFFERIES & COMPANY.....		2,028,296	1,650,000	30,828	1FE.....
45866F AH 7	INTERCONTINENTAL EXCHANGE INC.....		09/13/2018.....	JPM SECURITIES-FIXED.....		1,996,120	2,000,000	8,028	1FE.....
46650F AJ 1	J.P. MORGAN CHASE COMMERCIAL MORTGAGE SE.....		07/27/2018.....	JPM SECURITIES-FIXED.....		3,000,000	3,000,000		1FE.....
539830 AU 3	LOCKHEED MARTIN CORP.....		08/24/2018.....	PERSHING & COMPANY.....		1,151,230	1,000,000	15,736	2FE.....
546676 AU 1	LOUISVILLE GAS & ELECTRIC CO.....		08/21/2018.....	PERSHING & COMPANY.....		1,750,768	1,546,000	21,569	1FE.....
559080 AM 8	MAGELLAN MIDSTREAM PARTNERS LP.....		08/09/2018.....	BNY/SUNTRUST CAPITAL.....		2,819,760	3,000,000	45,500	2FE.....
581760 AV 7	MCLAREN HEALTH CARE CORP.....		07/18/2018.....	JPM SECURITIES-FIXED.....		4,000,000	4,000,000		1FE.....
61761J ZN 2	MORGAN STANLEY.....		07/18/2018.....	CREDIT SUISSE FIRST.....		1,432,940	1,491,000	14,233	2FE.....
63940V AC 6	NAVIENT PRIVATE EDUCATION REFI LOAN TRUS.....		07/18/2018.....	BARR BROTHERS & CO I.....		6,499,649	6,500,000		1FE.....
641062 AN 4	NESTLE HOLDINGS INC.....		09/17/2018.....	JPM SECURITIES-FIXED.....		1,973,140	2,000,000		1FE.....
68233J BF 0	ONCOR ELECTRIC DELIVERY CO LLC.....		08/07/2018.....	CITIGROUP GLOBAL MKT.....		1,498,530	1,500,000		1FE.....
68389X BH 7	ORACLE CORP.....		07/12/2018.....	GOLDMAN SACHS & CO.....		1,472,265	1,500,000	160	1FE.....
72703P AB 9	PLANET FITNESS MASTER ISSUER LLC.....		07/19/2018.....	NON-BROKER TRADE, BO.....		3,000,000	3,000,000		2AM.....
754730 AF 6	RAYMOND JAMES FINANCIAL INC.....		08/17/2018.....	RAYMOND JAMES & ASSO.....		3,112,440	3,000,000	14,850	2FE.....
776743 AF 3	ROPER TECHNOLOGIES INC.....		08/14/2018.....	JPM SECURITIES-FIXED.....		3,995,680	4,000,000		2FE.....
78408L AC 1	SC JOHNSON & SON INC.....		07/10/2018.....	BNY/SUNTRUST CAPITAL.....		1,544,910	1,500,000	18,488	1FE.....
78443F AJ 6	SLM STUDENT LOAN TRUST 2007-5.....		08/13/2018.....	J.P. MORGAN SECURITIE.....		5,008,318	5,000,000	10,908	3AM.....
78516F AA 7	SABAL TRAIL TRANSMISSION LLC.....		04/26/2018.....	mitsubishi UFJ SECS.....		(1,000,000)	(1,000,000)		2FE.....
79585T AS 2	SALVATION ARMY/UNITED STATES.....		08/16/2018.....	JPM SECURITIES-FIXED.....		4,000,000	4,000,000		1FE.....
81211K AK 6	SEALED AIR CORP.....		07/12/2018.....	VARIOUS.....		350,000	319,000	.61	3FE.....
817565 BT 0	SERVICE CORP INTERNATIONAL/US.....		08/09/2018.....	BAIRD ROBERT W & CO.....		3,360,000	3,000,000	82,500	3FE.....
855244 AS 8	STARBUCKS CORP.....		08/08/2018.....	MORGAN STANLEY & CO.....		1,484,430	1,500,000		2FE.....
867914 AH 6	SUNTRUST BANKS INC.....		08/22/2018.....	RAYMOND JAMES & ASSO.....		934,766	835,000	1,253	2FE.....
871829 AJ 6	SYSCO CORP.....		07/26/2018.....	PERSHING & COMPANY.....		1,107,890	1,000,000	19,260	2FE.....
87422L AK 6	TALEN ENERGY SUPPLY LLC.....		04/10/2018.....	BANC/AMERICA SECUR.L.....		(5,051)	(5,051)		3FE.....
875127 AV 4	TAMPA ELECTRIC CO.....		09/07/2018.....	PERSHING & COMPANY.....		2,605,810	2,135,000	45,060	2FE.....
882508 BD 5	TEXAS INSTRUMENTS INC.....		09/13/2018.....	MORGAN STANLEY & CO.....		1,580,199	1,547,000	23,184	1FE.....
887389 AJ 3	TIMKEN CO/THE.....		08/08/2018.....	BNY/SUNTRUST CAPITAL.....		2,464,650	2,500,000	42,786	2FE.....
887389 AK 0	TIMKEN CO/THE.....		08/22/2018.....	BANC/AMERICA SECUR.L.....		2,996,040	3,000,000		2FE.....
889184 AA 5	TOLEDO HOSPITAL/THE.....		07/10/2018.....	JPM SECURITIES-FIXED.....		5,267,750	5,000,000	39,441	1FE.....
891098 AA 3	TORO MTG FTG TR 2017-RE 4.0.....		01/11/2018.....	NON-BROKER TRADE, BO.....		(19,360)		(32)	1FE.....
90353D BA 2	UBS COMMERCIAL MORTGAGE TRUST 2018-C12.....		08/07/2018.....	UBS SECURITIES LLC C.....		4,952,219		58,241	1FE.....
907818 EB 0	UNION PACIFIC CORP.....		07/11/2018.....	JEFFERIES & COMPANY.....		910,670	1,000,000	15,188	1FE.....
907818 EK 0	UNION PACIFIC CORP.....		07/23/2018.....	CITIGROUP GLOBAL MKT.....		1,689,440	2,000,000	29,778	1FE.....
91324P CQ 3	UNITEDHEALTH GROUP INC.....		07/12/2018.....	VARIOUS.....		1,608,445	1,500,000	22,932	1FE.....
918204 AT 5	VF CORP.....		07/12/2018.....	JEFFERIES & COMPANY.....		1,897,029	1,465,000	19,686	1FE.....
919451 AA 2	VALLEY CHILDREN'S HOSPITAL.....		07/17/2018.....	JPM SECURITIES-FIXED.....		3,500,000	3,500,000		1FE.....
92826C AE 2	VISA INC.....		07/13/2018.....	JEFFERIES & COMPANY.....		2,651,400	2,500,000	9,510	1FE.....
929160 AV 1	VULCAN MATERIALS CO.....		09/13/2018.....	MORGAN STANLEY & CO.....		2,712,690	3,000,000	34,500	2FE.....
970648 AH 4	WILLIS NORTH AMERICA INC.....		09/05/2018.....	BANC/AMERICA SECUR.L.....		1,992,940	2,000,000		2FE.....
98978V AP 8	ZOETIS INC.....		08/13/2018.....	BARCLAYS CAPITAL FIX.....		2,978,850	3,000,000		2FE.....

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SCHEDULE D - PART 3

Showing all Long-Term Bonds and Stocks ACQUIRED During Current Quarter

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation or Market Indicator (a)
00908P AB 3	AIR CANADA 2017-1 CLASS A PASS THROUGH T.....	A.....	07/09/2018.....	BARCLAYS CAPITAL FIX.....	.....	6,303,238	6,593,000	130,029	1FE.....
496902 AQ 0	KINROSS GOLD CORP.....	A.....	07/10/2018.....	EXCHANGE OFFER.....	.....	1,000,000	1,000,000	21,875	2.....
00176A AX 3	AMMC CLO XI LTD.....	D.....	07/26/2018.....	WELLS FARGO SECS LLC.....	.....	12,987,000	13,000,000	.....	1FE.....
11042A AA 2	BRITISH AIRWAYS 2013-1 CLASS A PASS THRO.....	C.....	07/31/2018.....	BARCLAYS CAPITAL FIX.....	.....	1,090,969	1,060,738	5,724	1FE.....
12549J AY 7	CIFC FUNDING 2014 LTD.....	D.....	07/24/2018.....	SG AMERICAS SECURITI.....	.....	7,500,000	7,500,000	5,721	1FE.....
14686P AA 4	CARVAL CLO LTD.....	D.....	09/06/2018.....	GOLDMAN SACHS & CO.....	.....	3,438,750	3,500,000	70,843	3FE.....
268317 AT 1	ELECTRICITE DE FRANCE SA.....	D.....	09/18/2018.....	HSBC SECURITIES (USA.....	.....	2,911,560	3,000,000	.....	1FE.....
42086P AC 7	KINGSLAND VIII LTD.....	D.....	07/20/2018.....	BAIRD ROBERT W & CO.....	.....	7,960,000	8,000,000	3,082	1FE.....
56576L AY 5	MARATHON CLO VIII LTD.....	D.....	08/14/2018.....	BANC/AMERICA SECURL.....	.....	9,950,000	10,000,000	.....	2AM.....
56578K AE 9	MARATHON CLO XII LTD.....	D.....	09/06/2018.....	JPM SECURITIES-FIXED.....	.....	9,000,000	9,000,000	.....	1FE.....
606822 BB 9	MITSUBISHI UFJ FINANCIAL GROUP INC.....	D.....	07/17/2018.....	MORGAN STANLEY & CO.....	.....	3,500,000	3,500,000	.....	1FE.....
62432L AA 9	MOUNTAIN VIEW CLO 2017-2 LLC.....	D.....	07/30/2018.....	VARIOUS.....	.....	10,394,800	10,400,000	16,405	1FE.....
654902 AC 9	NOKIA OYJ.....	D.....	07/20/2018.....	PERSHING & COMPANY.....	.....	42,350	40,000	508	3FE.....
67108B BG 9	OZLM FUNDING II LTD.....	D.....	08/17/2018.....	MORGAN STANLEY & CO.....	.....	4,000,000	4,000,000	.....	1FE.....
67108B BJ 3	OZLM FUNDING II LTD.....	D.....	08/17/2018.....	MORGAN STANLEY & CO.....	.....	7,500,000	7,500,000	.....	1FE.....
71647N AY 5	PETROBRAS GLOBAL FINANCE BV.....	D.....	09/20/2018.....	EXCHANGE OFFER.....	.....	1,500,000	1,500,000	13,248	3FE.....
803169 AS 0	SARANAC CLO III LTD.....	D.....	08/06/2018.....	CITIGROUP GLOBAL MKT.....	.....	5,738,500	5,750,000	31,393	1FE.....
83607E AA 0	SOUND POINT CLO V-R LTD.....	D.....	07/12/2018.....	CITIGROUP GLOBAL MKT.....	.....	15,000,000	15,000,000	.....	1FE.....
83607E AC 6	SOUND POINT CLO V-R LTD.....	D.....	07/12/2018.....	CITIGROUP GLOBAL MKT.....	.....	3,775,000	3,775,000	.....	1FE.....
83607E AG 7	SOUND POINT CLO V-R LTD.....	D.....	07/12/2018.....	CITIGROUP GLOBAL MKT.....	.....	5,000,000	5,000,000	.....	2FE.....
83609T AA 5	SOUND POINT CLO XVIII LTD.....	D.....	08/14/2018.....	VARIOUS.....	.....	18,997,125	19,000,000	21,214	1FE.....
87249Q AA 8	TICP CLO XI LTD.....	D.....	08/17/2018.....	JPM SECURITIES-FIXED.....	.....	15,000,000	15,000,000	.....	1FE.....
87272H AA 8	TIAA CLO III LTD.....	D.....	07/26/2018.....	WELLS FARGO SECS LLC.....	.....	5,000,000	5,000,000	6,785	1FE.....
87938W AT 0	TELEFONICA EMISIONES SAU.....	D.....	09/14/2018.....	JPM SECURITIES-FIXED.....	.....	4,828,550	5,000,000	5,699	2FE.....
886065 AB 7	THUNDERBOLT II AIRCRAFT LEASE LTD.....	D.....	07/19/2018.....	BARCLAYS BANK NEW YO.....	.....	2,999,888	3,000,000	.....	2AM.....
893830 BB 4	TRANSOCEAN INC.....	D.....	09/06/2018.....	UBS SECURITIES LLC.....	.....	345,345	322,000	6,367	5FE.....
89640X AQ 9	TRINITAS CLO IV LTD.....	D.....	08/08/2018.....	RAYMOND JAMES & ASSO.....	.....	4,300,000	4,300,000	.....	1FE.....
92331V AJ 7	VENTURE 31 CLO LTD.....	D.....	08/03/2018.....	MITSUBISHI UFJ SECS.....	.....	6,394,375	6,500,000	115,821	2FE.....
92557R AA 2	VIBRANT CLO VIII LTD.....	D.....	08/21/2018.....	BARCLAYS CAPITAL FIX.....	.....	4,732,734	4,762,500	36,422	3FE.....
92558F AA 7	VIBRANT CLO VIII LTD.....	D.....	07/30/2018.....	BNP PARIBAS SEC CORP.....	.....	9,000,000	9,000,000	9,759	1FE.....
F6861D AP 5	ORANGE SA.....	B.....	09/28/2018.....	DEUTSCHE BANK SA.....	.....	12,849,094	11,614,995	1,591	2FE.....
XS1799 93 9	VOLKSWAGEN INTERNATIONAL FINANCE NV.....	B.....	09/18/2018.....	BC AMERICA SEC, CHAR.....	.....	11,857,443	11,699,505	127,492	2FE.....
3899999	Total - Bonds - Industrial and Miscellaneous.....	.....	.....	.....	.....	420,044,831	405,036,220	2,021,931	XXX.....
Bonds - Hybrid Securities									
22237A AB 2	COUNTRYWIDE CAPITAL III.....	.....	08/23/2018.....	CREDIT SUISSE FIRST.....	.....	3,744,480	3,000,000	48,300	2FE.....
48126H AC 4	JPMORGAN CHASE & CO.....	.....	07/23/2018.....	BANC/AMERICA SECURL.....	.....	9,585,313	9,250,000	178,679	2FE.....
4899999	Total - Bonds - Hybrid Securities.....	.....	.....	.....	.....	13,329,793	12,250,000	226,979	XXX.....
8399997	Total - Bonds - Part 3.....	.....	.....	.....	.....	636,721,872	629,047,591	2,485,754	XXX.....
8399999	Total - Bonds.....	.....	.....	.....	.....	636,721,872	629,047,591	2,485,754	XXX.....
Common Stocks - Industrial and Miscellaneous									
00123Q 10 4	AGNC INVESTMENT CORP.....	.....	08/02/2018.....	WELLS FARGO SECS LLC.....	245,000.000	4,680,844	XXX	.....	L.....
02376R 10 2	AMERICAN AIRLINES GROUP INC.....	.....	08/21/2018.....	NON-BROKER TRADE, BO.....	0.010	.....	XXX	.....	L.....
035710 40 9	ANNALY CAPITAL MANAGEMENT INC.....	.....	07/09/2018.....	WELLS FARGO SECS LLC.....	190,000.000	1,999,864	XXX	.....	L.....
31338@ 10 6	FHLB OF PITTSBURGH.....	.....	08/01/2018.....	NON-BROKER TRADE, BO.....	40,000.000	4,000,000	XXX	.....	U.....
83304A 10 6	SNAP INC.....	.....	09/19/2018.....	MERRILL LYNCH PIERCE.....	45,509.000	419,593	XXX	.....	L.....
98980G 10 2	ZSCALER INC.....	09/18/2018.....	MERRILL LYNCH PIERCE.....	9,966.000	425,598	XXX	L.....

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SCHEDULE D - PART 3

Showing all Long-Term Bonds and Stocks ACQUIRED During Current Quarter

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation or Market Indicator (a)
9099999	Total - Common Stocks - Industrial and Miscellaneous					11,525,899	XXX	0	XXX
Common Stocks - Parent, Subsidiaries and Affiliates									
987654	32 4 VANTIS LIFE INSURANCE COMPANY		09/30/2018	DIRECT		15,000,000	XXX	0	U
9199999	Total - Common Stocks - Parent, Subsidiaries and Affiliates					15,000,000	XXX	0	XXX
9799997	Total - Common Stocks - Part 3					26,525,899	XXX	0	XXX
9799999	Total - Common Stocks					26,525,899	XXX	0	XXX
9899999	Total - Preferred and Common Stocks					26,525,899	XXX	0	XXX
9999999	Total - Bonds, Preferred and Common Stocks					663,247,771	XXX	2,485,754	XXX

(a) For all common stock bearing NAIC market indicator "U" provide the number of such issues:.....19,000,000.

QE04.3

SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	F o r e i g n	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation or Market Indicator (a)
Bonds - U.S. Government																					
30250W AB 9	FDIC GUARANTEED NOTES TRUST 2010-S2		08/31/2018	PAYDOWN		204,106	204,106	204,284	204,284		(178)		(178)		204,106			.0	3,743	07/29/2047	1
36194S PD 4	GINNIE MAE I POOL		09/01/2018	PAYDOWN		40,952	40,952	41,707	41,673		(721)		(721)		40,952			.0	.825	09/01/2041	1
36296U ZX 1	GINNIE MAE I POOL		09/01/2018	PAYDOWN		129,406	129,406	121,601	122,510		6,897		6,897		129,406			.0	2,035	06/01/2039	1
38375U QQ 6	GOVERNMENT NATIONAL MORTGAGE ASSOCIATION		09/01/2018	PAYDOWN				77,326	60,816		(6,206)		(6,206)					.0	7,517	10/01/2064	1
38375U SC 5	GOVERNMENT NATIONAL MORTGAGE ASSOCIATION		09/01/2018	VARIOUS				101,051	78,039		(6,952)		(6,952)					.0	10,698	11/01/2064	1
38378B ZR 3	GOVERNMENT NATIONAL MORTGAGE ASSOCIATION		09/01/2018	PAYDOWN				263,204	199,333		(23,014)		(23,014)					.0	21,434	08/01/2046	1
38378K 6A 2	GOVERNMENT NATIONAL MORTGAGE ASSOCIATION		09/01/2018	PAYDOWN				33,612	13,886		602		602					.0	3,937	05/01/2054	1
38378N NJ 8	GOVERNMENT NATIONAL MORTGAGE ASSOCIATION		09/01/2018	PAYDOWN				112,282	61,299		(4,127)		(4,127)					.0	9,554	09/01/2054	1
38378N XK 4	GOVERNMENT NATIONAL MORTGAGE ASSOCIATION		09/01/2018	PAYDOWN				29,267	10,102		111		111					.0	2,933	06/01/2048	1
38378X MU 2	GOVERNMENT NATIONAL MORTGAGE ASSOCIATION		09/01/2018	PAYDOWN				116,288	66,781		(2,394)		(2,394)					.0	10,882	02/01/2055	1
38378X PE 5	GOVERNMENT NATIONAL MORTGAGE ASSOCIATION		09/01/2018	PAYDOWN				9,945	5,550		(262)		(262)					.0	.754	01/01/2056	1
38378X TX 9	GOVERNMENT NATIONAL MORTGAGE ASSOCIATION		09/01/2018	PAYDOWN				11,679	6,518		(369)		(369)					.0	1,944	10/01/2056	1
38379K JC 3	GOVERNMENT NATIONAL MORTGAGE ASSOCIATION		09/01/2018	PAYDOWN				82,350	51,725		(2,021)		(2,021)					.0	7,604	12/01/2056	1
38379K PR 3	GOVERNMENT NATIONAL MORTGAGE ASSOCIATION		09/01/2018	PAYDOWN				52,858	28,784		(124)		(124)					.0	3,854	11/01/2056	1
38379K TL 2	GOVERNMENT NATIONAL MORTGAGE ASSOCIATION		09/01/2018	PAYDOWN				31,857	16,855		(59)		(59)					.0	2,856	07/01/2057	1
912828 K3 3	UNITED STATES TREASURY INFLATION INDEXED		08/10/2018	WELLS FARGO SECS LLC		5,297,946	5,374,150	5,287,469			1,886		1,886		5,289,355		8,591	8,591	2,147	04/15/2020	1
0599999	Total - Bonds - U.S. Government					5,672,410	5,748,614	6,576,780	968,155	.0	(36,931)	.0	(36,931)	.0	5,663,819	.0	8,591	8,591	92,717	XXX	XXX
Bonds - U.S. Special Revenue and Special Assessment																					
3128PK WJ 9	FREDDIE MAC GOLD POOL		09/01/2018	PAYDOWN		64,725	64,725	62,864	63,460		1,265		1,265		64,725			.0	1,899	05/01/2023	1
3128PL AW 2	FREDDIE MAC GOLD POOL		09/01/2018	PAYDOWN		26,359	26,359	26,171	26,208		151		151		26,359			.0	.864	06/01/2023	1
312903 KY 2	FREDDIE MAC REMICS		08/15/2018	PAYDOWN		1,485	1,485	1,480	1,485						1,485			.0	.45	12/16/2020	1
312945 DN 5	FREDDIE MAC GOLD POOL		09/01/2018	PAYDOWN		316,114	316,114	296,480	296,480		19,634		19,634		316,114			.0	7,351	01/01/2041	1
3133T4 FT 8	FREDDIE MAC REMICS		09/01/2018	PAYDOWN		50,017	50,017	47,821	49,498		519		519		50,017			.0	2,141	02/01/2024	1
31358N W4 0	FANNIE MAE REMICS		09/01/2018	PAYDOWN		8,752	8,752	8,008	8,548		204		204		8,752			.0	350	07/01/2022	1
31359S 6Y 1	FANNIE MAE GRANTOR TRUST 2001-T7		09/01/2018	PAYDOWN				391,290	3,769		(544)		(544)					.0	3,686	02/01/2041	1
3136A7 ML 3	FANNIE MAE-ACES		09/01/2018	PAYDOWN				178,861	29,979		(17,407)		(17,407)					.0	37,964	12/01/2019	1
3136AM LC 1	FANNIE MAE-ACES		09/01/2018	PAYDOWN				57,510	41,105		(3,026)		(3,026)					.0	4,647	09/01/2024	1
3136AM M7 1	FANNIE MAE-ACES		09/01/2018	PAYDOWN				154,408	90,960		(14,509)		(14,509)					.0	31,281	07/01/2022	1

QE05

SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	F o r e i g n	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation or Market Indicator (a)
3136AN LJ 4	FANNIE MAE-ACES		09/01/2018	PAYDOWN				34,101	24,957		(2,602)		(2,602)					.0	3,293	12/01/2024	1
3136AT X2 5	FANNIE MAE-ACES		09/01/2018	PAYDOWN				9,546	9,024		(443)		(443)					.0	786	07/01/2028	1
31371N V2 8	FANNIE MAE POOL		09/01/2018	PAYDOWN		707	707	687	692		15		15		707			.0	20	06/01/2023	1
3137A1 NA 7	FREDDIE MAC MULTIFAMILY STRUCTURED PASS		09/01/2018	PAYDOWN				31,146	12,500		(3,322)		(3,322)					.0	4,807	06/01/2020	1
3137A2 B3 4	FREDDIE MAC MULTIFAMILY STRUCTURED PASS		09/01/2018	PAYDOWN				66,100	26,724		(6,686)		(6,686)					.0	9,329	08/01/2020	1
3137AH 6D 5	FREDDIE MAC MULTIFAMILY STRUCTURED PASS		09/01/2018	PAYDOWN				42,657	23,008		(4,414)		(4,414)					.0	5,308	07/01/2021	1
3137AH 6R 4	FREDDIE MAC MULTIFAMILY STRUCTURED PASS		08/01/2018	PAYDOWN				2,681,622	337,001		(364,550)		(364,550)					.0	562,589	08/01/2018	1
3137AJ MG 6	FREDDIE MAC MULTIFAMILY STRUCTURED PASS		09/01/2018	PAYDOWN				103,232	58,356		(11,939)		(11,939)					.0	14,416	10/01/2021	1
3137AQ T3 2	FREDDIE MAC MULTIFAMILY STRUCTURED PASS		09/01/2018	PAYDOWN				579,361	136,001		(126,221)		(126,221)					.0	118,681	01/01/2019	1
3137AR PZ 3	FREDDIE MAC MULTIFAMILY STRUCTURED PASS		09/01/2018	PAYDOWN				131,136	36,934		(22,451)		(22,451)					.0	22,051	05/01/2019	1
3137AS NK 6	FREDDIE MAC MULTIFAMILY STRUCTURED PASS		09/01/2018	PAYDOWN				46,279	25,639		(4,068)		(4,068)					.0	5,736	03/01/2022	1
3137AT RX 2	FREDDIE MAC MULTIFAMILY STRUCTURED PASS		09/01/2018	PAYDOWN				40,786	28,003		(4,189)		(4,189)					.0	5,466	05/01/2022	1
3137AV XP 7	FREDDIE MAC MULTIFAMILY STRUCTURED PASS		09/01/2018	PAYDOWN				33,079	19,089		(2,736)		(2,736)					.0	3,588	07/01/2022	1FE
3137AY CF 6	FREDDIE MAC MULTIFAMILY STRUCTURED PASS		09/01/2018	PAYDOWN				40,284	23,585		(3,239)		(3,239)					.0	4,223	10/01/2022	1
3137B1 BT 8	FREDDIE MAC MULTIFAMILY STRUCTURED PASS		09/01/2018	PAYDOWN				31,288	18,693		(2,517)		(2,517)					.0	3,294	11/01/2022	1FE
3137B7 N2 1	FREDDIE MAC MULTIFAMILY STRUCTURED PASS		09/01/2018	PAYDOWN				26,791	17,013		(1,900)		(1,900)					.0	2,517	10/01/2023	1
3137B8 G5 0	FREDDIE MAC MULTIFAMILY STRUCTURED PASS		09/01/2018	PAYDOWN				34,238	21,945		(2,347)		(2,347)					.0	3,217	01/01/2024	1
3137BB BE 9	FREDDIE MAC MULTIFAMILY STRUCTURED PASS		09/01/2018	PAYDOWN				32,254	21,183		(2,156)		(2,156)					.0	2,954	03/01/2024	1FE
3137BE VJ 0	FREDDIE MAC MULTIFAMILY STRUCTURED PASS		09/01/2018	PAYDOWN				24,868	19,768		(1,865)		(1,865)					.0	2,487	09/01/2024	1FE
3137BF XU 0	FREDDIE MAC MULTIFAMILY STRUCTURED PASS		09/01/2018	PAYDOWN				12,596	9,017		(782)		(782)					.0	1,083	12/01/2024	1FE
3137BG K3 2	FREDDIE MAC MULTIFAMILY STRUCTURED PASS		09/01/2018	PAYDOWN				8,068	5,809		(511)		(511)					.0	699	12/01/2024	1
3137BH CZ 8	FREDDIE MAC MULTIFAMILY STRUCTURED PASS		09/01/2018	PAYDOWN				7,021	5,147		(466)		(466)					.0	621	01/01/2025	1FE
3137BK GL 8	FREDDIE MAC MULTIFAMILY STRUCTURED PASS		09/01/2018	PAYDOWN				54,686	44,627		(2,446)		(2,446)					.0	3,936	04/01/2030	1

QE05.1

SCHEDULE D - PART 4

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

QE05.2

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	F o r e i g n	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation or Market Indicator (a)
3137BL ME 5	FREDDIE MAC MULTIFAMILY STRUCTURED PASS	..	09/01/2018	PAYDOWN.....				44,348	39,601		(5,470)		(5,470)					0	7,400	08/01/2025	1.....
3137BN 6H 2	FREDDIE MAC MULTIFAMILY STRUCTURED PASS	..	09/01/2018	PAYDOWN.....				5,582	4,629		(325)		(325)					0	509	12/01/2025	1FE.....
3137BN GU 2	FREDDIE MAC MULTIFAMILY STRUCTURED PASS	..	09/01/2018	PAYDOWN.....				6,888	5,765		(402)		(402)					0	615	01/01/2026	1FE.....
3137BP CR 8	FREDDIE MAC MULTIFAMILY STRUCTURED PASS	..	09/01/2018	PAYDOWN.....				7,753	6,426		(467)		(467)					0	768	01/01/2026	1.....
3137BP VP 1	FREDDIE MAC MULTIFAMILY STRUCTURED PASS	..	09/01/2018	PAYDOWN.....				15,205	13,757		(557)		(557)					0	1,131	01/01/2031	1.....
3137BP W3 9	FREDDIE MAC MULTIFAMILY STRUCTURED PASS	..	09/01/2018	PAYDOWN.....				14,599	13,100		(904)		(904)					0	1,381	03/01/2026	1FE.....
3137BQ YV 3	FREDDIE MAC MULTIFAMILY STRUCTURED PASS	..	09/01/2018	PAYDOWN.....				4,652	4,016		(280)		(280)					0	414	05/01/2026	1FE.....
3137BQ ZQ 3	FREDDIE MAC MULTIFAMILY STRUCTURED PASS	..	09/01/2018	PAYDOWN.....				889,104	723,886		(62,195)		(62,195)					0	103,688	09/01/2025	1.....
3137BR QL 2	FREDDIE MAC MULTIFAMILY STRUCTURED PASS	..	09/01/2018	PAYDOWN.....				9,305	8,143		(550)		(550)					0	847	07/01/2026	1.....
3137BS 5P 4	FREDDIE MAC MULTIFAMILY STRUCTURED PASS	..	09/01/2018	PAYDOWN.....				8,242	7,832		(555)		(555)					0	853	08/01/2026	1.....
3137BS PY 3	FREDDIE MAC MULTIFAMILY STRUCTURED PASS	..	09/01/2018	PAYDOWN.....				6,577	5,464		(646)		(646)					0	861	08/01/2023	1FE.....
3137BX R2 0	FREDDIE MAC MULTIFAMILY STRUCTURED PASS	..	09/01/2018	PAYDOWN.....				5,484	5,131		(311)		(311)					0	482	03/01/2027	1.....
3137FA WU 8	FREDDIE MAC MULTIFAMILY STRUCTURED PASS	..	09/01/2018	PAYDOWN.....				2,199	2,130		(123)		(123)					0	188	07/01/2027	1FE.....
3138A2 BE 8	FANNIE MAE POOL.....	..	09/01/2018	PAYDOWN.....		293,432	293,432	274,922	275,438		17,994		17,994		293,432			0	6,849	12/01/2040	1.....
3138A5 4N 9	FANNIE MAE POOL.....	..	09/01/2018	PAYDOWN.....		1,038,646	1,038,646	986,214	989,518		49,127		49,127		1,038,646			0	24,473	01/01/2041	1.....
313920 UM 0	FANNIE MAE GRANTOR TRUST 2001-T8	..	09/01/2018	PAYDOWN.....				51,957					0					0	509	07/01/2041	1.....
31393Y AV 7	FANNIE MAE REMICS.....	..	09/01/2018	PAYDOWN.....		147,925	147,925	132,809	143,317		4,608		4,608		147,925			0	4,207	05/01/2034	1.....
31398Q HC 4	FREDDIE MAC MULTIFAMILY STRUCTURED PASS	..	09/01/2018	PAYDOWN.....				23,153	8,629		(2,663)		(2,663)					0	3,627	04/01/2020	1.....
31410W H9 2	FANNIE MAE POOL.....	..	09/01/2018	PAYDOWN.....		3,474	3,474	3,438	3,438		36		36		3,474			0	139	06/01/2047	1.....
31412B DS 8	FANNIE MAE POOL.....	..	09/01/2018	PAYDOWN.....		1,979	1,979	1,968	1,968		11		11		1,979			0	79	10/01/2047	1.....
31412M 2X 5	FANNIE MAE POOL.....	..	09/01/2018	PAYDOWN.....		3,491	3,491	3,395	3,421		70		70		3,491			0	102	07/01/2023	1.....
31412M K9 8	FANNIE MAE POOL.....	..	09/01/2018	PAYDOWN.....		1,009	1,009	981	987		22		22		1,009			0	31	03/01/2023	1.....
31412M VJ 4	FANNIE MAE POOL.....	..	09/01/2018	PAYDOWN.....		355	355	346	348		7		7		355			0	11	05/01/2023	1.....
31412T CJ 0	FANNIE MAE POOL.....	..	09/01/2018	PAYDOWN.....		46	46	45	45		1		1		46			0	1	07/01/2023	1.....
31412W WB 8	FANNIE MAE POOL.....	..	09/01/2018	PAYDOWN.....		439	439	435	435		4		4		439			0	18	05/01/2047	1.....
31412W WC 6	FANNIE MAE POOL.....	..	09/01/2018	PAYDOWN.....		72,979	72,979	72,316	72,306		673		673		72,979			0	2,557	05/01/2047	1.....
31412X K4 5	FANNIE MAE POOL.....	..	09/01/2018	PAYDOWN.....		2,478	2,478	2,457	2,457		21		21		2,478			0	99	06/01/2047	1.....
31413K RV 5	FANNIE MAE POOL.....	..	09/01/2018	PAYDOWN.....		2,552	2,552	2,525	2,525		27		27		2,552			0	103	10/01/2047	1.....
31413M G6 8	FANNIE MAE POOL.....	..	09/01/2018	PAYDOWN.....		281	281	273	276		5		5		281			0	8	03/01/2023	1.....

SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation or Market Indicator (a)
31414B AN 0	FANNIE MAE POOL		09/01/2018	PAYDOWN		271	271	264	264		6		6		271			0	8	03/01/2023	1
31414B H2 9	FANNIE MAE POOL		09/01/2018	PAYDOWN		262	262	255	257		5		5		262			0	8	05/01/2023	1
31414C 4H 8	FANNIE MAE POOL		09/01/2018	PAYDOWN		162	162	158	159		3		3		162			0	5	04/01/2023	1
31414D 6P 6	FANNIE MAE POOL		09/01/2018	PAYDOWN		5,698	5,698	5,541	5,597		101		101		5,698			0	171	06/01/2023	1
31414D X8 4	FANNIE MAE POOL		09/01/2018	PAYDOWN		982	982	955	963		19		19		982			0	29	05/01/2023	1
31414D Z3 3	FANNIE MAE POOL		09/01/2018	PAYDOWN		587	587	570	575		11		11		587			0	18	06/01/2023	1
31414E 2V 5	FANNIE MAE POOL		09/01/2018	PAYDOWN		84,161	84,161	83,671	83,741		420		420		84,161			0	2,735	07/01/2023	1
31414E BQ 6	FANNIE MAE POOL		09/01/2018	PAYDOWN		4,224	4,224	4,108	4,133		92		92		4,224			0	127	06/01/2023	1
31414E DA 9	FANNIE MAE POOL		09/01/2018	PAYDOWN		652	652	634	640		12		12		652			0	19	06/01/2023	1
31414E JB 1	FANNIE MAE POOL		09/01/2018	PAYDOWN		519	519	505	510		9		9		519			0	16	06/01/2023	1
31414E Q6 4	FANNIE MAE POOL		09/01/2018	PAYDOWN		1,109	1,109	1,079	1,090		20		20		1,109			0	34	07/01/2023	1
31414E V5 0	FANNIE MAE POOL		09/01/2018	PAYDOWN		608	608	591	598		10		10		608			0	18	07/01/2023	1
31414F GF 2	FANNIE MAE POOL		09/01/2018	PAYDOWN		1,421	1,421	1,382	1,397		24		24		1,421			0	43	08/01/2023	1
31414M DH 6	FANNIE MAE POOL		09/01/2018	PAYDOWN		2,523	2,523	2,453	2,483		40		40		2,523			0	75	06/01/2023	1
31414Q X2 8	FANNIE MAE POOL		09/01/2018	PAYDOWN		2,301	2,301	2,238	2,254		47		47		2,301			0	69	03/01/2023	1
31414R CF 0	FANNIE MAE POOL		09/01/2018	PAYDOWN		178	178	174	174		4		4		178			0	5	03/01/2023	1
31414S NB 5	FANNIE MAE POOL		09/01/2018	PAYDOWN		408	408	396	399		8		8		408			0	12	04/01/2023	1
31414T 7H 8	FANNIE MAE POOL		09/01/2018	PAYDOWN		797	797	775	778		19		19		797			0	22	05/01/2023	1
31414T T6 8	FANNIE MAE POOL		09/01/2018	PAYDOWN		169	169	164	165		4		4		169			0	5	05/01/2023	1
31414U K9 8	FANNIE MAE POOL		09/01/2018	PAYDOWN		1,037	1,037	1,008	1,015		22		22		1,037			0	31	05/01/2023	1
31414U LQ 9	FANNIE MAE POOL		09/01/2018	PAYDOWN		1,987	1,987	1,932	1,953		34		34		1,987			0	60	05/01/2023	1
31414V DM 5	FANNIE MAE POOL		09/01/2018	PAYDOWN		188	188	183	185		3		3		188			0	6	04/01/2023	1
31415A 5E 7	FANNIE MAE POOL		09/01/2018	PAYDOWN		681	681	662	667		14		14		681			0	20	05/01/2023	1
31415A TV 3	FANNIE MAE POOL		09/01/2018	PAYDOWN		244	244	237	240		4		4		244			0	7	03/01/2023	1
31415B 4Z 9	FANNIE MAE POOL		09/01/2018	PAYDOWN		384	384	374	377		8		8		384			0	12	06/01/2023	1
31415B AN 9	FANNIE MAE POOL		09/01/2018	PAYDOWN		287	287	279	281		6		6		287			0	9	06/01/2023	1
31415B DY 2	FANNIE MAE POOL		09/01/2018	PAYDOWN		502	502	488	494		9		9		502			0	15	07/01/2023	1
31415B K5 7	FANNIE MAE POOL		09/01/2018	PAYDOWN		2,248	2,248	2,186	2,206		42		42		2,248			0	73	06/01/2023	1
31415C ND 5	FANNIE MAE POOL		09/01/2018	PAYDOWN		1,245	1,245	1,211	1,220		25		25		1,245			0	37	05/01/2023	1
31415C NH 6	FANNIE MAE POOL		09/01/2018	PAYDOWN		78	78	76	76		2		2		78			0	2	05/01/2023	1
31415L 5E 3	FANNIE MAE POOL		09/01/2018	PAYDOWN		177	177	172	173		4		4		177			0	5	06/01/2023	1
31415L GB 7	FANNIE MAE POOL		09/01/2018	PAYDOWN		490	490	477	484		7		7		490			0	15	05/01/2023	1
31415M 5T 8	FANNIE MAE POOL		09/01/2018	PAYDOWN		548	548	533	537		11		11		548			0	16	06/01/2023	1
31415M YH 2	FANNIE MAE POOL		09/01/2018	PAYDOWN		1,317	1,317	1,281	1,293		23		23		1,317			0	40	05/01/2023	1
31415M ZE 8	FANNIE MAE POOL		09/01/2018	PAYDOWN		58,028	58,028	58,077	57,773		254		254		58,028			0	1,927	06/01/2023	1
31415M ZS 7	FANNIE MAE POOL		09/01/2018	PAYDOWN		428	428	416	421		7		7		428			0	13	07/01/2023	1
31415P JD 1	FANNIE MAE POOL		09/01/2018	PAYDOWN		300	300	292	296		4		4		300			0	9	05/01/2023	1
31415Q ME 3	FANNIE MAE POOL		09/01/2018	PAYDOWN		1,724	1,724	1,677	1,695		29		29		1,724			0	52	08/01/2023	1
31415R P7 3	FANNIE MAE POOL		07/01/2018	PAYDOWN		11	11	11	11				0		11			0		07/01/2023	1
31415R UJ 1	FANNIE MAE POOL		09/01/2018	PAYDOWN		1,986	1,986	1,931	1,954		32		32		1,986			0	60	07/01/2023	1
31415T NP 1	FANNIE MAE POOL		09/01/2018	PAYDOWN		673	673	654	658		15		15		673			0	20	08/01/2023	1
31419E XR 5	FANNIE MAE POOL		09/01/2018	PAYDOWN		243,281	243,281	228,865			14,416		14,416		243,281			0	56,326	09/01/2040	1

QE05.3

SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation or Market Indicator (a)
31419J SC 3	FANNIE MAE POOL.....		09/01/2018.	PAYDOWN.....		625,455	625,455	588,155	588,155		37,300		37,300		625,455			0	14,765	11/01/2040.	1.....
31421D WD 5	FANNIE MAE POOL.....		09/01/2018.	PAYDOWN.....		536	536	543	543		(6)		(6)		536			0	18	12/01/2038.	1.....
917435 AA 7	UTAH HOUSING CORP.....		07/01/2018.	SINKING PAYMENT.....		33,243	33,243	33,086	33,385		(141)		(141)		33,243			0	1,792	07/01/2050.	1FE.....
3199999.	Total - Bonds - U.S. Special Revenue and Special Assessments.....					3,121,355	3,121,355	8,904,610	4,683,464	0	(535,412)	0	(535,412)	0	3,121,355	0	0	0	1,112,028	XXX	XXX
Bonds - Industrial and Miscellaneous																					
00214T AA 6	AMERICAN TIRE DISTRIBUTORS INC.....		08/09/2018.	DEUTSCHE BANC/ALEX B.....		1,102,500	3,000,000	3,070,000	3,049,438		(12,965)		(12,965)		3,036,473		(1,933,973)	(1,933,973)	292,125	03/01/2022.	6FE.....
00841U AN 6	AGATE BAY MORTGAGE TRUST 2014-2.....		09/01/2018.	PAYDOWN.....		225,900	225,900	227,453	227,410		(1,511)		(1,511)		225,900			0	4,818	09/01/2044.	1FM.....
00842B AT 4	AGATE BAY MORTGAGE TRUST 2015-5.....		09/01/2018.	PAYDOWN.....		34,748	34,748	35,320	35,209		(461)		(461)		34,748			0	839	07/01/2045.	1FM.....
00842C AC 9	AGATE BAY MORTGAGE TRUST 2015-7.....		09/01/2018.	PAYDOWN.....		847,726	847,726	846,065	447,410		1,938		1,938		847,726			0	15,453	10/01/2045.	1FM.....
023761 AA 7	AMERICAN AIRLINES 2017-1 CLASS AA PASS T.....		08/15/2018.	SINKING PAYMENT.....		111,750	111,750	111,750	111,750				0		111,750			0	4,079	02/15/2029.	1FE.....
023766 AD 0	AMERICAN AIRLINES 2013-1 CLASS B PASS TH.....		07/15/2018.	SINKING PAYMENT.....		55,552	55,552	58,677	56,883		(1,331)		(1,331)		55,552			0	3,125	01/15/2021.	3FE.....
02376T AC 2	AMERICAN AIRLINES 2013-2 CLASS B PASS TH.....		07/15/2018.	SINKING PAYMENT.....		121,886	121,886	123,165	122,683		(797)		(797)		121,886			0	6,826	07/15/2020.	3FE.....
02376Y AA 5	AMERICAN AIRLINES 2016-1 CLASS B PASS TH.....		07/15/2018.	SINKING PAYMENT.....		139,231	139,231	145,682	144,499		(5,268)		(5,268)		139,231			0	7,310	01/15/2024.	2FE.....
023772 AB 2	AMERICAN AIRLINES 2013-1 CLASS A PASS TH.....		07/15/2018.	SINKING PAYMENT.....		76,372	76,372	77,963	77,538		(1,166)		(1,166)		76,372			0	3,055	07/15/2025.	1FE.....
02377B AA 4	AMERICAN AIRLINES 2015-2 CLASS A PASS TH.....		09/22/2018.	SINKING PAYMENT.....		177,643	177,643	177,643	177,643				0		177,643			0	7,106	09/22/2027.	1FE.....
02377B AC 0	AMERICAN AIRLINES 2015-2 CLASS B PASS TH.....		09/22/2018.	SINKING PAYMENT.....		230,204	230,204	230,532	230,062		142		142		230,204			0	10,129	09/22/2023.	2FE.....
02377U AB 0	AMERICAN AIRLINES 2013-2 CLASS A PASS TH.....		07/15/2018.	SINKING PAYMENT.....		7,872	7,872	7,872	7,872				0		7,872			0	390	01/15/2023.	2FE.....
02378A AA 5	AMERICAN AIRLINES 2017-1 CLASS A PASS TH.....		08/15/2018.	SINKING PAYMENT.....		74,500	74,500	74,500	74,500				0		74,500			0	2,980	02/15/2029.	1FE.....
02378W AA 7	AMERICAN AIRLINES 2017-1 CLASS B PASS TH.....		08/15/2018.	SINKING PAYMENT.....		56,250	56,250	56,250	56,250				0		56,250			0	2,784	02/15/2025.	2FE.....
03215P EQ 8	AMRESCO RESIDENTIAL SECURITIES CORP MORT.....		09/01/2018.	PAYDOWN.....		76,335	76,335	76,335	76,335				0		76,335			0	3,596	02/01/2028.	1FM.....
03766K AB 9	APOLLO AVIATION SECURITIZATION EQUITY TR.....		09/15/2018.	PAYDOWN.....		77,200	77,200	75,630	76,010		1,190		1,190		77,200			0	3,345	03/17/2036.	2AM.....
038923 AC 2	ARBOR REALTY TRUST INC.....		07/03/2018.	EXCHANGE OFFER.....		1,999,550	2,000,000	1,999,740			(190)		(190)		1,999,550			0	34,375	05/01/2023.	1FE.....
045424 EX 2	ASSET SECURITIZATION CORP.....		09/11/2018.	PAYDOWN.....		55,261	55,261	54,432	55,261				0		55,261			0	2,771	04/11/2029.	1FM.....
05330K AA 3	AUTOPISTAS METROPOLITANAS DE PUERTO RICO.....		06/30/2018.	SINKING PAYMENT.....		13,500	13,500	13,500	13,500				0		13,500			0	456	06/30/2035.	4FE.....
05544B AG 2	BHMS 2014-ATLS MORTGAGE TRUST.....		07/01/2018.	PAYDOWN.....		4,115,000	4,115,000	4,060,991	4,073,555		41,445		41,445		4,115,000			0	101,809	07/01/2033.	1FM.....
05544B AJ 6	BHMS 2014-ATLS MORTGAGE TRUST.....		07/01/2018.	PAYDOWN.....		2,500,000	2,500,000	2,515,625	2,510,577		(10,577)		(10,577)		2,500,000			0	69,055	07/01/2033.	1FM.....
05947U 6C 7	BANC OF AMERICA COMMERCIAL MORTGAGE TRUS.....		09/01/2018.	PAYDOWN.....		39,244	39,244	37,969			422		422		39,244			0	1,388	09/01/2045.	1FM.....
06540R AF 1	BANK 2017-BNK9.....		09/01/2018.	PAYDOWN.....				4,063	4,024		(245)		(245)					0	371	11/01/2054.	1FE.....
07387B CR 2	BEAR STEARNS COMMERCIAL MORTGAGE SECURIT.....		09/01/2018.	PAYDOWN.....		78,898	78,898	72,783	78,763		135		135		78,898			0	2,824	10/01/2042.	1FM.....

QE05.4

SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	F o r e i g n	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation or Market Indicator (a)
073902 CD 8	BEAR STEARNS COS LLC/THE.....		07/02/2018	MATURITY.....		8,000,000	8,000,000	7,395,180	7,962,061		37,939		37,939		8,000,000			0	372,000	07/02/2018	1FE.....
09179F AW 2	BJ'S WHOLESALE CLUB INC.....		07/05/2018	GOLDMAN SACHS & CO.....		3,000,000	3,000,000	3,060,000	3,055,072		(37,703)		(37,703)		3,017,369		(17,369)	(17,369)	119,303	01/27/2025	5FE.....
11042T AA 1	BRITISH AIRWAYS 2018-1 CLASS AA PASS THR		09/20/2018	SINKING PAYMENT.....		419	419	419					0	419			0	8	09/20/2031	1FE.....	
11043H AA 6	BRITISH AIRWAYS 2018-1 CLASS A PASS THRO		09/20/2018	SINKING PAYMENT.....		428	428	425			3		3	428			0	6	09/20/2031	1FE.....	
12527E AD 0	CFCRE COMMERCIAL MORTGAGE TRUST 2011-C1		09/01/2018	PAYDOWN.....		161,406	161,406	163,827	162,098		(692)		(692)	161,406			0	5,698	04/01/2044	1FM.....	
12531W BC 5	CFCRE COMMERCIAL MORTGAGE TRUST 2016-C3		09/01/2018	PAYDOWN.....				7,285	5,939		(415)		(415)				0	684	01/01/2048	1FE.....	
12532A BD 0	CFCRE COMMERCIAL MORTGAGE TRUST 2016-C6		09/01/2018	PAYDOWN.....				7,442	6,526		(446)		(446)				0	705	11/01/2049	1FE.....	
12532C BE 4	CFCRE COMMERCIAL MORTGAGE TRUST 2017-C8		09/01/2018	PAYDOWN.....				5,407	5,048		(335)		(335)				0	529	06/01/2050	1FE.....	
12591Q AS 1	COMM 2014-UBS4 MORTGAGE TRUST...		09/01/2018	PAYDOWN.....				80,631	49,019		(5,779)		(5,779)				0	7,942	08/01/2047	1FE.....	
12592K BD 5	COMM 2014-UBS5 MORTGAGE TRUST...		09/01/2018	PAYDOWN.....				10,022	5,841		(769)		(769)				0	1,018	09/01/2047	1FE.....	
12592M BL 3	COMM 2014-LC17 MORTGAGE TRUST...		09/01/2018	PAYDOWN.....				15,721	8,791		(1,236)		(1,236)				0	1,661	10/01/2047	1FE.....	
12592U AQ 5	CSMLT 2015-1 TRUST.....		09/01/2018	PAYDOWN.....		245,837	245,837	251,830	251,830		(5,992)		(5,992)	245,837			0	5,732	05/01/2045	1FM.....	
12592U AW 2	CSMLT 2015-1 TRUST.....		09/01/2018	PAYDOWN.....		30,499	30,499	30,100	30,150		349		349	30,499			0	791	05/01/2045	1FM.....	
12592U AX 0	CSMLT 2015-1 TRUST.....		09/01/2018	PAYDOWN.....		32,289	32,289	31,572	31,630		659		659	32,289			0	837	05/01/2045	1FM.....	
12593G AG 7	COMM 2015-PC1 MORTGAGE TRUST....		09/01/2018	PAYDOWN.....				14,499	9,922		(1,056)		(1,056)				0	1,501	07/01/2050	1FE.....	
12595E AE 5	COMM 2017-COR2 MORTGAGE TRUST...		09/01/2018	PAYDOWN.....				3,480	3,364		(197)		(197)				0	313	09/01/2050	1FE.....	
12626B AF 1	COMM 2013-CCRE10 MORTGAGE TRUST		09/01/2018	PAYDOWN.....				176,881	92,219		(12,060)		(12,060)				0	18,500	08/01/2046	1FE.....	
12635F AV 6	CSAIL 2015-C3 COMMERCIAL MORTGAGE TRUST		09/01/2018	PAYDOWN.....				11,913	8,454		(795)		(795)				0	1,235	08/01/2048	1FE.....	
12637L AL 3	CSMLT 2015-2 TRUST.....		09/01/2018	PAYDOWN.....		82,987	82,987	85,010	85,010		(2,023)		(2,023)	82,987			0	1,939	08/01/2045	1FM.....	
12637L AQ 2	CSMLT 2015-2 TRUST.....		09/01/2018	PAYDOWN.....		51,546	51,546	53,221	53,125		(1,579)		(1,579)	51,546			0	1,342	08/01/2045	1FM.....	
12637L AR 0	CSMLT 2015-2 TRUST.....		09/01/2018	PAYDOWN.....		32,350	32,350	31,637	31,123		653		653	32,350			0	841	08/01/2045	1FM.....	
12637U AY 5	CSAIL 2016-C7 COMMERCIAL MORTGAGE TRUST		09/01/2018	PAYDOWN.....				68,667	59,309		(4,821)		(4,821)				0	7,988	11/01/2049	1FE.....	
12646U AD 0	CSMC TRUST 2013-IVR1.....		09/01/2018	PAYDOWN.....		86,683	86,683	83,456	84,016		2,667		2,667	86,683			0	1,959	03/01/2043	1FM.....	
12647P AS 7	CSMC TRUST 2013-7.....		09/01/2018	PAYDOWN.....		52,935	52,935	52,389	52,502		433		433	52,935			0	1,298	08/01/2043	1FM.....	
12648F AR 0	CSMC TRUST 2014-SAF1.....		09/01/2018	PAYDOWN.....		30,036	30,036	31,034	30,708		(672)		(672)	30,036			0	826	03/01/2044	1FM.....	
12648X DD 9	CSMC TRUST 2014-WIN1.....		09/01/2018	PAYDOWN.....		62,631	62,631	62,861	62,758		(127)		(127)	62,631			0	1,643	09/01/2044	1FM.....	
12649D AQ 6	CSMC TRUST 2014-WIN2.....		09/01/2018	PAYDOWN.....		32,004	32,004	32,329	32,284		(280)		(280)	32,004			0	853	10/01/2044	1FM.....	
12649R AV 4	CSMC TRUST 2015-2.....		09/01/2018	PAYDOWN.....		23,053	23,053	23,574	23,447		(394)		(394)	23,053			0	605	02/01/2045	1FM.....	
12649R AW 2	CSMC TRUST 2015-2.....		09/01/2018	PAYDOWN.....		29,262	29,262	28,987	29,030		232		232	29,262			0	767	02/01/2045	1FM.....	
12649X BD 0	CSMC TRUST 2015-3.....		09/01/2018	PAYDOWN.....		28,288	28,288	29,066	29,014		(726)		(726)	28,288			0	742	03/01/2045	1FM.....	
12650U AH 4	CSMLT 2015-3 TRUST.....		09/01/2018	PAYDOWN.....		354,619	354,619	357,500	357,186		(2,567)		(2,567)	354,619			0	7,910	11/01/2045	1FM.....	
126650 BP 4	CVS PASS-THROUGH TRUST.....		09/10/2018	SINKING PAYMENT.....		93,440	93,440	90,729	91,560		1,880		1,880	93,440			0	3,762	12/10/2028	2FE.....	

QE05.5

SCHEDULE D - PART 4

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

QE05.6

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	For Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation or Market Indicator (a)
126650 BQ 2	CVS PASS-THROUGH TRUST.....		09/10/2018	SINKING PAYMENT.....		20,053	20,053	19,938	19,969		.83		.83		20,053			.0	.929	01/10/2030	2FE.....
126650 BY 5	CVS PASS-THROUGH TRUST.....		09/10/2018	SINKING PAYMENT.....		8,152	8,152	8,152	8,152				.0		8,152			.0	.322	01/10/2034	2FE.....
12677# AA 1	CVS CAREMARK CORP.....		09/15/2018	SINKING PAYMENT.....		23,594	23,594	23,594	23,594				.0		23,594			.0	.860	01/15/2040	2.....
12695* AA 3	CVS LEASE BACK.....		09/10/2018	SINKING PAYMENT.....		24,327	24,327	24,327	24,327				.0		24,327			.0	.554	10/10/2038	2.....
13342B AC 9	CAMERON INTERNATIONAL CORP.....		07/15/2018	MATURITY.....		2,000,000	2,000,000	1,997,980	1,999,865		.135		.135		2,000,000			.0	127,500	07/15/2018	2FE.....
14855J AB 1	CASTLELAKE AIRCRAFT SECURITIZATION TRUST.....		09/15/2018	PAYDOWN.....		290,980	290,980	290,895	290,919		.62		.62		290,980			.0	4,102	08/15/2041	1FE.....
16164A AC 9	CHASE MORTGAGE TRUST 2016-2.....		09/01/2018	PAYDOWN.....		211,072	211,072	216,709	216,615		(5,544)		(5,544)		211,072			.0	5,272	12/01/2045	1FE.....
17290X AY 6	CITIGROUP COMMERCIAL MORTGAGE TRUST 2016.....		09/01/2018	PAYDOWN.....				5,624	4,619		(317)		(317)					.0	533	04/01/2049	1FE.....
173067 EQ 8	CITIGROUP COMMERCIAL MORTGAGE TRUST 2004.....		09/01/2018	PAYDOWN.....		306,533	306,533	257,487	301,022		5,510		5,510		306,533			.0	10,247	10/01/2041	1FM.....
17312D AC 2	CITICORP MORTGAGE SECURITIES TRUST SERIE.....		09/01/2018	PAYDOWN.....		19,300	19,300	17,988	16,631		2,670		2,670		19,300			.0	.774	09/01/2037	1FM.....
17322Y AJ 9	CITIGROUP COMMERCIAL MORTGAGE TRUST 2014.....		09/01/2018	PAYDOWN.....				9,936	6,608		(551)		(551)					.0	.874	10/01/2047	1FE.....
17323T AF 7	CITIGROUP MORTGAGE LOAN TRUST 2015-RP2.....		09/01/2018	PAYDOWN.....		49,883	49,883	48,494	48,745		1,138		1,138		49,883			.0	1,413	01/01/2053	1FM.....
17324R AA 1	CITI HELD FOR ASSET ISSUANCE 2016-MF1.....		07/15/2018	PAYDOWN.....		9,135	9,135	9,113	9,128		.7		.7		9,135			.0	.239	08/15/2022	1FE.....
17324V AQ 7	CITIGROUP MORTGAGE LOAN TRUST 2015-PS1.....		09/01/2018	PAYDOWN.....		89,993	89,993	91,613	91,275		(1,282)		(1,282)		89,993			.0	3,143	09/01/2042	1FM.....
17326D AJ 1	CITIGROUP COMMERCIAL MORTGAGE TRUST 2017.....		09/01/2018	PAYDOWN.....				5,866	3,628		(340)		(340)					.0	.520	09/01/2050	1FE.....
19458L BD 1	COLLEGIATE FUNDING SERVICES EDUCATION LO.....		09/28/2018	PAYDOWN.....		265,630	265,630	251,518			14,112		14,112		265,630			.0	4,869	12/28/2037	1FE.....
20047B AC 2	COMM 2004-LNB2 MORTGAGE TRUST.....		08/01/2018	PAYDOWN.....		5,000,000	5,000,000	4,937,500	4,983,971		16,029		16,029		5,000,000			.0	184,667	03/01/2039	1FM.....
20047P AP 2	COMM 2005-LP5 MORTGAGE TRUST.....		09/01/2018	PAYDOWN.....		360,462	360,462	326,218	360,462				.0		360,462			.0	11,629	05/01/2043	1FM.....
20854P AN 9	CNX RESOURCES CORP.....		09/05/2018	CALL 106.....		424,000	400,000	278,000	300,518		9,072		9,072		309,589		90,411	90,411	53,689	04/01/2023	3FE.....
21075W EV 3	CONTIMORTGAGE HOME EQUITY LOAN TRUST 199.....		09/17/2018	NON-BROKER TRADE, BO.....			1						.0					.0	113,985	04/01/2028	2FE.....
21079V AB 9	CONTINENTAL AIRLINES 2010-1 CLASS B PASS.....		07/12/2018	SINKING PAYMENT.....		159,374	159,374	164,113	161,454		(2,080)		(2,080)		159,374			.0	9,562	01/12/2019	1FE.....
212015 AH 4	CONTINENTAL RESOURCES INC/OK.....		08/16/2018	CALL 101.667.....		814,353	801,000	828,034	811,542		(2,877)		(2,877)		808,665		(7,665)	(7,665)	50,176	09/15/2022	2FE.....
22536# AA 1	CREDIT LEASE-BACK PASS-THRU TR.....		09/10/2018	SINKING PAYMENT.....		66,577	66,577	66,578	66,578		(1)		(1)		66,577			.0	1,761	12/10/2035	2.....
228027 AA 6	VESSEL MANAGEMENT SERVICES INC.....		08/15/2018	CALL 100.....		80,000	80,000	80,000	80,000				.0		80,000			.0	2,746	08/15/2036	1.....
22944P AE 7	CSMC TRUST 2013-TH1.....		09/01/2018	PAYDOWN.....		84,702	84,702	86,064	85,954		(1,251)		(1,251)		84,702			.0	1,985	02/01/2043	1FE.....
233046 AD 3	DB MASTER FINANCE LLC.....		08/20/2018	PAYDOWN.....		12,500	12,500	12,520			(20)		(20)		12,500			.0	.125	02/20/2045	3AM.....
233046 AE 1	DB MASTER FINANCE LLC.....		08/20/2018	PAYDOWN.....		10,000	10,000	10,000	10,000				.0		10,000			.0	.299	11/20/2047	2AM.....
23312L AW 8	DBJPM 16-C1 MORTGAGE TRUST.....		09/01/2018	PAYDOWN.....				24,824	20,325		(1,420)		(1,420)					.0	2,376	05/01/2049	1FE.....
247367 BH 7	DELTA AIR LINES 2007-1 CLASS A PASS THRO.....		08/10/2018	SINKING PAYMENT.....		320,885	320,885	367,179	343,328		(22,443)		(22,443)		320,885			.0	21,888	08/10/2022	1FE.....
247367 BJ 3	DELTA AIR LINES 2007-1 CLASS B PASS THRO.....		08/10/2018	SINKING PAYMENT.....		392,695	392,695	443,642	429,553		(36,858)		(36,858)		392,695			.0	31,498	08/10/2022	2FE.....

SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	F o r e i g n	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation or Market Indicator (a)
24737A AA 5	DELTA AIR LINES 2015-1 CLASS B PASS THRO		07/30/2018	SINKING PAYMENT.....		30,105	30,105	31,159	30,975		(870)		(870)		30,105			0	1,279	07/30/2023	2FE.....
255396 AB 9	DIVIDEND SOLAR LOANS 2018-1 LLC.....		09/20/2018	PAYDOWN.....		74,234	74,234	73,766			468		468		74,234			0	1,054	07/20/2038	1FE.....
25755T AK 6	DOMINO'S PIZZA MASTER ISSUER LLC.....		07/25/2018	PAYDOWN.....		15,000	15,000	15,000					0		15,000			0	164	07/25/2048	2AM.....
290408 AB 9	ELWOOD ENERGY LLC.....		07/05/2018	SINKING PAYMENT.....		4,860	4,860	4,882	4,875		(15)		(15)		4,860			0	397	07/05/2026	3FE.....
29429C AJ 4	CITIGROUP COMMERCIAL MORTGAGE TRUST 2016		09/01/2018	PAYDOWN.....				8,456	7,050		(532)		(532)					0	836	04/01/2049	1FE.....
302471 CA 3	FMAC LOAN RECEIVABLES TRUST 1998-B		09/01/2018	PAYDOWN.....		2,178	191	156	153				0		153		2,025	2,025	8	11/01/2020	6*.....
30261G AL 9	FREMF 2012-K705 MORTGAGE TRUST...		09/01/2018	PAYDOWN.....		5,000,000	5,000,000	5,131,641	5,123,706		(123,706)		(123,706)		5,000,000			0	157,830	09/01/2044	1FM.....
30261G AN 5	FREMF 2012-K705 MORTGAGE TRUST...		09/01/2018	PAYDOWN.....		15,058,000	15,058,000	12,949,022	14,740,047		317,953		317,953		15,058,000			0	475,322	09/01/2044	1FM.....
33767C AV 9	FIRSTKEY MORTGAGE TRUST 2015-1.....		09/01/2018	PAYDOWN.....		44,860	44,860	46,244	46,021		(1,161)		(1,161)		44,860			0	1,174	03/01/2045	1FM.....
33767C AW 7	FIRSTKEY MORTGAGE TRUST 2015-1.....		09/01/2018	PAYDOWN.....		32,181	32,181	31,286	31,306		875		875		32,181			0	843	03/01/2045	1FM.....
345397 WW 9	FORD MOTOR CREDIT CO LLC.....		08/30/2018	BANC/AMERICA SECUR.L.....		4,740,750	5,000,000	4,921,840	4,944,237		5,134		5,134		4,949,371		(208,621)	(208,621)	181,164	09/08/2024	2FE.....
35040T AA 2	FOUNDATION FINANCE TRUST 2016-1.....		09/15/2018	PAYDOWN.....		153,181	153,181	153,161	153,168		13		13		153,181			0	4,048	06/15/2035	1FE.....
36186X AD 9	GMAC COMMERCIAL MORTGAGE ASSET CORP		09/10/2018	PAYDOWN.....		25,223	25,223	25,754	25,745		(522)		(522)		25,223			0	870	07/10/2050	1FE.....
36192K AW 7	GS MORTGAGE SECURITIES TRUST 2012-GCJ7		09/01/2018	PAYDOWN.....				100,977	62,077		(8,724)		(8,724)					0	19,730	05/01/2045	1FE.....
36244W AA 7	GSAMP TRUST 2006-S5.....		09/25/2018	PAYDOWN.....		9,095	9,095	327	327				0		327		8,768	8,768	4	09/25/2036	1FM.....
36249@ AA 1	GSA GTH I U S GOVT LEA 4.56 15MAY38		09/15/2018	SINKING PAYMENT.....		40,021	40,021	40,021	40,021				0		40,021			0	912	05/15/2038	1.....
36252W AZ 1	GS MORTGAGE SECURITIES TRUST 2014-GC20		09/01/2018	PAYDOWN.....				917,188	552,691		(48,146)		(48,146)					0	121,285	04/01/2047	1FE.....
36298G AA 7	GSPA MONETIZATION TRUST.....		09/09/2018	SINKING PAYMENT.....		61,953	61,953	63,192	62,751		(798)		(798)		61,953			0	2,654	10/09/2029	2FE.....
36416U AG 0	GALTON FUNDING MORTGAGE TRUST 2017-1		09/01/2018	PAYDOWN.....		334,650	334,650	338,269	338,152		(3,502)		(3,502)		334,650			0	8,061	07/01/2056	1FE.....
36416U BG 9	GALTON FUNDING MORTGAGE TRUST 2017-1		09/01/2018	PAYDOWN.....		30,613	30,613	31,360	31,322		(708)		(708)		30,613			0	776	07/01/2056	1FE.....
36877* AA 2	GENCONN ENERGY LLC 4.73 25JUL41.....		07/16/2018	CALL 100.....		118,421	118,421	118,421	118,421				0		118,421			0	5,461	07/25/2041	2FE.....
39121J AE 0	GREAT RIVER ENERGY.....		07/01/2018	SINKING PAYMENT.....		74,821	74,821	73,324	73,946		874		874		74,821			0	4,679	07/01/2038	1FE.....
393505 JM 5	CONSECO FINANCE CORP.....		09/15/2018	PAYDOWN.....		339,766	339,766	326,003	346,129		(6,363)		(6,363)		339,766			0	17,080	10/15/2026	1FE.....
393505 NC 2	CONSECO FINANCE CORP.....		09/15/2018	PAYDOWN.....		157,309	157,309	153,806	145,281		12,028		12,028		157,309			0	8,723	07/15/2027	6FE.....
396789 FY 0	COMMERCIAL MORTGAGE TRUST 2004-GG1		09/01/2018	PAYDOWN.....		20,577	20,577	19,549	20,577				0		20,577			0	887	06/01/2036	1FM.....
46590K AN 4	JP MORGAN CHASE COMMERCIAL MORTGAGE SECU		09/01/2018	PAYDOWN.....				7,585	5,523		(596)		(596)					0	863	01/01/2049	1FE.....
46590R AG 4	JP MORGAN CHASE COMMERCIAL MORTGAGE SECU		09/01/2018	PAYDOWN.....				6,434	5,482		(396)		(396)					0	643	08/01/2049	1FE.....
46625Y DG 5	JP MORGAN CHASE COMMERCIAL MORTGAGE SECU		09/01/2018	PAYDOWN.....		191,409	191,409	170,833	191,409				0		191,409			0	6,531	01/01/2037	1FM.....
46625Y FK 4	JP MORGAN CHASE COMMERCIAL MORTGAGE SECU		08/09/2018	VARIOUS.....		5,289,786	5,289,969	5,012,246	5,143,912		66,383		66,383		5,210,294		79,492	79,492	218,097	01/01/2042	1FM.....

QE05.7

SCHEDULE D - PART 4

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

QE05.8

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	F o r e i g n	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation or Market Indicator (a)
46629P AE 8	JP MORGAN CHASE COMMERCIAL MORTGAGE SECU		09/01/2018	PAYDOWN.....		296,794	296,794	233,663	296,794				0		296,794		0	0	11,032	05/01/2047	1FM.....
46630J AE 9	JP MORGAN CHASE COMMERCIAL MORTGAGE SECU		09/01/2018	PAYDOWN.....		275,234	275,234	222,294	275,234				0		275,234		0	0	8,832	01/01/2049	1FM.....
46631B AJ 4	JP MORGAN CHASE COMMERCIAL MORTGAGE SECU		09/01/2018	PAYDOWN.....		96,701	96,701	97,547	96,701				0		96,701		0	0	4,404	06/01/2049	1FM.....
46638U AE 6	JP MORGAN CHASE COMMERCIAL MORTGAGE SECU		09/01/2018	PAYDOWN.....				127,286	75,600		(7,108)		(7,108)				0	0	19,954	10/01/2045	1FE.....
46639E AG 6	JP MORGAN CHASE COMMERCIAL MORTGAGE SECU		09/01/2018	PAYDOWN.....				177,166	115,381		(15,324)		(15,324)				0	0	28,695	12/01/2047	1FE.....
46640B AK 0	JP MORGAN MORTGAGE TRUST 2013-2		09/01/2018	PAYDOWN.....		46,612	46,612	46,928	46,741		(130)		(130)		46,612		0	0	1,140	05/01/2043	1FM.....
46640M AS 9	JP MORGAN MORTGAGE TRUST 2013-3		09/01/2018	PAYDOWN.....		124,216	124,216	124,039	124,200		16		16		124,216		0	0	2,915	07/01/2043	1FM.....
46641C BP 5	JP MORGAN MORTGAGE TRUST 2014-1		09/01/2018	PAYDOWN.....		40,738	40,738	40,738	40,738				0		40,738		0	0	1,016	01/01/2044	1FM.....
46643A BG 7	JPMBB COMMERCIAL MORTGAGE SECURITIES TRU		09/01/2018	PAYDOWN.....				73,302	40,635		(4,593)		(4,593)				0	0	7,133	09/01/2047	1FE.....
46643D AS 6	JP MORGAN MORTGAGE TRUST 2014-OAK4		09/01/2018	PAYDOWN.....		159,271	159,271	163,264	162,576		(3,305)		(3,305)		159,271		0	0	3,886	09/01/2044	1FM.....
46643D BE 6	JP MORGAN MORTGAGE TRUST 2014-OAK4		09/01/2018	PAYDOWN.....		59,614	59,614	59,737	59,662		(48)		(48)		59,614		0	0	1,558	09/01/2044	1FM.....
46643P BG 4	JPMBB COMMERCIAL MORTGAGE SECURITIES TRU		09/01/2018	PAYDOWN.....				11,751	7,501		(747)		(747)				0	0	1,124	11/01/2047	1FE.....
46643T BC 5	JPMBB COMMERCIAL MORTGAGE SECURITIES TRU		09/01/2018	PAYDOWN.....				43,683	27,062		(3,284)		(3,284)				0	0	4,990	01/01/2048	1FE.....
46644F AF 8	JPMBB COMMERCIAL MORTGAGE SECURITIES TRU		09/01/2018	PAYDOWN.....				7,910	5,203		(609)		(609)				0	0	920	10/01/2048	1FE.....
46645L BA 4	JPMBB COMMERCIAL MORTGAGE SECURITIES TRU		09/01/2018	PAYDOWN.....				14,797	11,705		(947)		(947)				0	0	1,613	03/01/2049	1FE.....
46646R AL 7	JPMBB COMMERCIAL MORTGAGE SECURITIES TRU		09/01/2018	PAYDOWN.....				6,791	5,975		(384)		(384)				0	0	628	12/01/2049	1FE.....
478045 AA 5	JOHN SEVIER COMBINED CYCLE GENERATION LL		07/15/2018	SINKING PAYMENT.....		41,175	41,175	41,175	41,175				0		41,175		0	0	1,905	01/15/2042	1FE.....
48128K AV 3	JPMCC COMMERCIAL MORTGAGE SECURITIES TRU		09/01/2018	PAYDOWN.....				7,632	7,042		(524)		(524)				0	0	843	07/01/2050	1FE.....
49549C AA 6	KING INTERNATIONAL LEASING LLC.....		07/15/2018	SINKING PAYMENT.....		291,895	291,895	291,895	291,895				0		291,895		0	0	6,029	10/15/2022	1.....
50190D AL 0	LCCM 2017-LC26.....		08/01/2018	PAYDOWN.....				5,594	5,215		(356)		(356)				0	0	472	07/03/2050	1FE.....
50543L AB 8	LABRADOR AVIATION FINANCE LTD 2016-1A		09/15/2018	PAYDOWN.....		70,313	70,313	70,310	70,310		3		3		70,313		0	0	2,663	01/15/2042	2AM.....
52108H F8 2	LB-UBS COMMERCIAL MORTGAGE TRUST 2004-C4		09/11/2018	PAYDOWN.....		649,678	649,678	651,708	651,708		(2,030)		(2,030)		649,678		0	0	29,049	06/11/2036	1FM.....
52465# AA 3	CGA CAPITAL CORP.....		08/10/2018	SINKING PAYMENT.....		14,474	14,474	7,092	13,408		1,066		1,066		14,474		0	0	695	03/10/2019	4.....
52465# AZ 8	LEGG MASON MTG CAP CORP.....		09/08/2018	SINKING PAYMENT.....		45,425	45,425	45,427	45,427		(2)		(2)		45,425		0	0	455	06/10/2021	1.....
524660 AT 4	LEGGETT & PLATT INC.....		07/01/2018	MATURITY.....		2,500,000	2,500,000	2,325,232	2,491,623		8,377		8,377		2,500,000		0	0	110,000	07/01/2018	2FE.....
585498 BH 0	MELLO MORTGAGE CAPITAL ACCEPTANCE 2018-M		09/01/2018	PAYDOWN.....		31,416	31,416	30,796			619		619		31,416		0	0	409	05/01/2048	1FE.....

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	F o r e i g n	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation or Market Indicator (a)
589929 PX 0	MERRILL LYNCH MORTGAGE INVESTORS TRUST S		09/05/2018	PAYDOWN		3,103,841	3,103,841	2,948,649	3,068,381		35,460		35,460		3,103,841			0	139,747	11/05/2026	1FE
59010R AA 2	MERLIN AVIATION HOLDINGS DAC		09/15/2018	PAYDOWN		299,575	299,575	288,057	289,727		9,849		9,849		299,575			0	8,224	12/15/2032	1FE
59524E AB 8	MID-ATLANTIC MILITARY FAMILY COMMUNITIES		08/01/2018	SINKING PAYMENT		37,135	37,135	31,014	31,526		5,609		5,609		37,135			0	1,946	08/01/2050	1FE
606935 AL 8	ML-CFC COMMERCIAL MORTGAGE TRUST 2006-1		09/01/2018	PAYDOWN		89,252	89,252	88,694	88,917		335		335		89,252			0	3,503	02/01/2039	1FM
61166W AE 1	MONSANTO CO		07/12/2018	NON-BROKER TRADE, BO		3,003,000	3,000,000	2,839,350	2,912,173		4,949		4,949		2,917,122		85,878	85,878	82,500	08/15/2025	2FE
61166W AG 6	MONSANTO CO		07/12/2018	NON-BROKER TRADE, BO		1,991,990	1,990,000	2,043,173	2,035,656		(658)		(658)		2,034,997		(43,007)	(43,007)	58,456	04/15/2038	2FE
61166W AJ 0	MONSANTO CO		07/12/2018	NON-BROKER TRADE, BO		1,730,729	1,729,000	1,483,240	1,502,712		2,755		2,755		1,505,467		225,262	225,262	62,244	07/15/2042	2FE
61166W AK 7	MONSANTO CO		07/12/2018	NON-BROKER TRADE, BO		10,010,000	10,000,000	10,180,050	10,167,734		(2,011)		(2,011)		10,165,723		(155,723)	(155,723)	232,500	11/15/2043	2FE
61690A AF 1	MORGAN STANLEY BANK OF AMERICA MERRILL L		09/01/2018	PAYDOWN				9,768	7,390		(617)		(617)					0	966	12/01/2047	1FE
61690V BA 5	MORGAN STANLEY BANK OF AMERICA MERRILL L		09/01/2018	PAYDOWN				67,034	51,234		(3,945)		(3,945)					0	7,608	10/01/2048	1FE
61690Y BV 3	MORGAN STANLEY CAPITAL I TRUST 2016-BNK2		09/01/2018	PAYDOWN				14,878	12,860		(928)		(928)					0	1,499	11/01/2049	1FE
61691A BM 4	MORGAN STANLEY CAPITAL I TRUST 2015-UBS8		09/01/2018	PAYDOWN				17,880	13,963		(1,070)		(1,070)					0	1,867	12/01/2048	1FE
61691G AT 7	MORGAN STANLEY BANK OF AMERICA MERRILL L		09/01/2018	PAYDOWN				8,936	7,878		(550)		(550)					0	878	12/01/2049	1FE
61691J AW 4	MORGAN STANLEY CAPITAL I TRUST 2017-H1		09/01/2018	PAYDOWN				5,259	4,899		(337)		(337)					0	519	06/01/2050	1FE
61761A AA 6	MORGAN STANLEY BANK OF AMERICA MERRILL L		09/01/2018	PAYDOWN				29,315	18,120		(2,242)		(2,242)					0	4,500	08/01/2045	1FE
61761D AJ 1	MORGAN STANLEY BANK OF AMERICA MERRILL L		09/01/2018	PAYDOWN				31,623	20,425		(2,216)		(2,216)					0	4,965	11/01/2045	1FE
61764P BV 3	MORGAN STANLEY BANK OF AMERICA MERRILL L		09/01/2018	PAYDOWN				14,032	8,508		(984)		(984)					0	1,454	12/01/2047	1FE
61765L AV 2	MORGAN STANLEY BANK OF AMERICA MERRILL L		09/01/2018	PAYDOWN				6,859	5,042		(403)		(403)					0	649	05/01/2048	1FE
61766C AH 2	MORGAN STANLEY CAPITAL I TRUST 2016-UBS9		09/01/2018	PAYDOWN				17,075	13,606		(1,112)		(1,112)					0	1,722	03/01/2049	1FE
61766E BF 1	MORGAN STANLEY BANK OF AMERICA MERRILL L		09/01/2018	PAYDOWN				11,898	9,754		(759)		(759)					0	1,163	05/01/2049	1FE
61766L BT 5	MORGAN STANLEY BANK OF AMERICA MERRILL L		09/01/2018	PAYDOWN				30,728	24,406		(1,913)		(1,913)					0	3,225	01/01/2049	1FE
61766N BC 8	MORGAN STANLEY BANK OF AMERICA MERRILL L		09/01/2018	PAYDOWN				16,882	14,480		(961)		(961)					0	1,564	09/01/2049	1FE
61766R BA 3	MORGAN STANLEY BANK OF AMERICA MERRILL L		09/01/2018	PAYDOWN				11,323	9,848		(687)		(687)					0	1,128	11/01/2049	1FE
61911B AA 3	MORTGAGE EQUITY CONVERSION ASSET TRUST 2		09/01/2018	PAYDOWN		112,121	112,121	110,141	112,121				0		112,121			0	3,341	07/01/2060	5AM

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SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation or Market Indicator (a)	
61946F AA 3	MOSAIC SOLAR LOAN TRUST 2018-1	09/20/2018	PAYDOWN		119,274	119,274	119,268			6		6		119,274				1,600	06/22/2043	1FE	
62942K AG 1	NRP MORTGAGE TRUST 2013-1	09/01/2018	PAYDOWN		45,369	45,369	43,873	44,134		1,235		1,235		45,369				983	07/01/2043	1FM	
641423 BW 7	NEVADA POWER CO	08/01/2018	MATURITY		3,000,000	3,000,000	2,999,190	2,999,240		760		760		3,000,000				195,000	08/01/2018	1FE	
64829F AJ 0	NEW RESIDENTIAL MORTGAGE LOAN TRUST 2016	09/01/2018	PAYDOWN		78,622	78,622	82,251	81,957		(3,336)		(3,336)		78,622				2,517	03/01/2056	1FM	
64829G AL 3	NEW RESIDENTIAL MORTGAGE LOAN TRUST 2016	09/01/2018	PAYDOWN		108,564	108,564	111,772	111,272		(2,708)		(2,708)		108,564				3,475	11/02/2035	1FE	
64829L BM 9	NEW RESIDENTIAL MORTGAGE LOAN TRUST 2016	09/01/2018	PAYDOWN		64,766	64,766	65,536	65,527		(760)		(760)		64,766				2,252	11/01/2056	1FM	
65536H BE 7	NOMURA HOME EQUITY LOAN INC HOME EQUITY	09/25/2018	PAYDOWN		236,763	236,763	159,223	224,499		12,264		12,264		236,763				4,258	09/25/2035	1FM	
65536W AA 3	NOMURA ASSET ACCEPTANCE CORP ALTERNATIVE	09/25/2018	PAYDOWN		14	32,136	10,059	10,059				0		10,059		(10,046)	(10,046)	1	08/25/2036	1FM	
67085K AA 0	OFFUTT AFB AMERICA FIRST COMMUNITY LLC	09/01/2018	SINKING PAYMENT		13,539	13,539	12,930	12,938		601		601		13,539				739	09/01/2050	2FE	
68233J AD 6	ONCOR ELECTRIC DELIVERY CO LLC	09/01/2018	MATURITY		2,000,000	2,000,000	1,997,900	1,999,809		191		191		2,000,000				136,000	09/01/2018	1FE	
72650T AA 6	PLAINS END FINANCING LLC	07/15/2018	SINKING PAYMENT		64,870	64,870	61,464	62,959		1,911		1,911		64,870				2,924	04/15/2028	3FE	
73019# AA 0	PNC EQUIP FIN LLC 3.0 13SEP27	09/13/2018	SINKING PAYMENT		43,264	43,264	43,264	43,264				0		43,264				649	09/13/2027	1	
73019# AB 8	PNC EQUIP FIN LLC 3.0 13SEP27	09/13/2018	SINKING PAYMENT		44,892	44,892	44,892	44,892				0		44,892				673	09/13/2027	1	
73019# AC 6	PNC EQUIP FIN LLC 3.0 13SEP27	09/13/2018	SINKING PAYMENT		41,008	41,008	41,008	41,008				0		41,008				615	09/13/2027	1	
74890B AE 3	RAIT 2015-FL5 TRUST	07/16/2018	CALL 100		3,000,000	3,000,000	3,000,000	3,000,000				0		3,000,000				112,446	01/15/2031	1FE	
767759 AB 9	RITE AID PASS THROUGH CERTIFICATES	09/01/2018	PAYDOWN		68,428	68,428	37,122	57,328		11,100		11,100		68,428				3,101	01/01/2021	4FE	
77340R AC 1	ROCKIES EXPRESS PIPELINE LLC	07/15/2018	MATURITY		2,000,000	2,000,000	1,833,960	1,987,038		12,962		12,962		2,000,000				137,000	07/15/2018	3FE	
78419C AG 9	SG COMMERCIAL MORTGAGE SECURITIES TRUST	09/01/2018	PAYDOWN				7,973	6,608		(502)		(502)						806	10/01/2048	1FE	
78442G FJ 0	SLM STUDENT LOAN TRUST 2003-1	09/17/2018	PAYDOWN		36,816	36,816	34,239	34,289		2,527		2,527		36,816				740	06/15/2037	1AM	
78443B AK 2	SLM STUDENT LOAN TRUST 2006-10	07/25/2018	PAYDOWN		272,154	272,154	241,197	244,505		27,649		27,649		272,154				4,314	03/25/2044	1FE	
78443C AP 9	SLM PRIVATE CREDIT STUDENT LOAN TRUST 20	09/27/2018	CALL 100		950,000	950,000	948,813	950,000				0		950,000				28,289	03/15/2033	2AM	
797224 AC 6	SAN CLEMENTE LEASING LLC	08/22/2018	SINKING PAYMENT		332,676	332,676	332,676	332,676				0		332,676				7,560	11/22/2022	1	
80306A AC 4	SAPPHIRE AVIATION FINANCE I LTD	09/15/2018	PAYDOWN		232,143	232,143	232,141			1		1		232,143				6,823	03/15/2040	3AM	
805564 GA 3	SAXON ASSET SECURITIES TR 2000-2 MORT LN	09/01/2018	PAYDOWN		99,038	119,632	96,902			9,802		9,802		119,632		(20,593)	(20,593)	1,390	07/01/2030	3FM	
81744N AH 3	SEQUOIA MORTGAGE TRUST 2012-6	09/01/2018	PAYDOWN		46,432	46,432	46,896	46,744		(312)		(312)		46,432				1,133	12/01/2042	1FM	
81744V AH 5	SEQUOIA MORTGAGE TRUST	09/01/2018	PAYDOWN		69,350	69,350	71,085	70,273		(923)		(923)		69,350				1,886	09/01/2042	1FM	
81745A AF 4	SEQUOIA MORTGAGE TRUST 2013-5	09/01/2018	PAYDOWN		92,147	92,147	90,535	91,521		626		626		92,147				2,201	05/01/2043	1FM	
81745E AD 1	SEQUOIA MORTGAGE TRUST 2013-8	09/01/2018	PAYDOWN		105,320	105,320	104,201	104,610		710		710		105,320				2,375	06/01/2043	1FM	
81745L BN 2	SEQUOIA MORTGAGE TRUST 2014-4	09/01/2018	PAYDOWN		34,536	34,536	34,722	34,633		(97)		(97)		34,536				890	11/01/2044	1FM	
81745M AE 1	SEQUOIA MORTGAGE TRUST 2013-2	09/01/2018	PAYDOWN		180,480	180,480	180,029	180,459		21		21		180,480				4,332	02/01/2043	1FM	
81745Q AA 0	SEQUOIA MORTGAGE TRUST 2015-1	09/01/2018	PAYDOWN		213,864	213,864	216,270	213,864				0		213,864				5,296	01/01/2045	1FM	
81745Y AZ 8	SEQUOIA MORTGAGE TRUST 2013-12	09/01/2018	PAYDOWN		41,596	41,596	42,882	42,497		(900)		(900)		41,596				1,171	12/01/2043	1FM	

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	F o r e i g n	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation or Market Indicator (a)
81746R CB 3	SEQUOIA MORTGAGE TRUST 2016-2.....		09/01/2018	PAYDOWN.....		29,714	29,714	29,742			(28)		(28)		29,714				582	08/01/2046	1FE.....
817521 AA 5	SERIES RR 2012-1 TRUST.....		09/01/2018	PAYDOWN.....		39,928,962	39,928,962	27,400,914	37,896,121		2,032,841		2,032,841		39,928,962					10/01/2044	1FE.....
81753N AA 6	SERIES RRX 2014-1 TRUST.....		07/01/2018	PAYDOWN.....		11,612,007	11,612,007	9,715,480	11,338,964		273,043		273,043		11,612,007					08/01/2044	1AM.....
82280Q BZ 3	SHELLPOINT CO-ORIGINATOR TRUST 2015-1		09/01/2018	PAYDOWN.....		27,034	27,034	26,446	26,525		509		509		27,034				690	08/01/2045	1FM.....
82280Q CB 5	SHELLPOINT CO-ORIGINATOR TRUST 2015-1		09/01/2018	PAYDOWN.....		23,761	23,761	23,675	23,675		85		85		23,761				607	08/01/2045	2AM.....
837004 BY 5	SOUTH CAROLINA ELECTRIC & GAS CO		09/28/2018	CALL 100.281.....		5,014,050	5,000,000	5,080,054	5,006,194		(5,707)		(5,707)		5,000,488		(488)	(488)	252,488	11/01/2018	2FE.....
837004 CC 2	SOUTH CAROLINA ELECTRIC & GAS CO		09/28/2018	CALL 100.372.....		3,011,160	3,000,000	2,991,390	2,999,037		658		658		2,999,696		304	304	188,285	11/01/2018	2FE.....
86212U AB 2	STORE MASTER FUNDING LLC.....		09/20/2018	PAYDOWN.....		9,722	9,722	9,719	9,723				0		9,722				301	03/20/2043	1FE.....
86213A AB 5	STORE MASTER FUNDING LLC.....		09/20/2018	PAYDOWN.....		9,100	9,100	9,091	9,100				0		9,100				316	11/20/2043	1FE.....
86213C AB 1	STORE MASTER FUNDING I LLC.....		09/20/2018	PAYDOWN.....		6,250	6,250	6,247	6,249		1		1		6,250				174	04/20/2045	1FE.....
87422L AK 6	TALEN ENERGY SUPPLY LLC.....		09/28/2018	NON-BROKER TRADE, BO.....		20,013	20,013	20,013	20,013				0		20,013				174	07/06/2023	3FE.....
88607J AA 8	THUNDERROAD MOTORCYCLE TRUST 2016-1		09/15/2018	PAYDOWN.....		461,382	461,382	461,559	461,559		(177)		(177)		461,382				12,311	09/15/2022	1FE.....
88732J AL 2	TIME WARNER CABLE LLC.....		07/01/2018	MATURITY.....		6,000,000	6,000,000	6,049,800	6,003,356		(3,356)		(3,356)		6,000,000				405,000	07/01/2018	2FE.....
891098 AA 3	TORO MTG FTG TR 2017-RE 4.0.....		09/01/2018	PAYDOWN.....		315,518	315,518	316,665			(1,147)		(1,147)		315,518				7,166	04/01/2074	1FE.....
90272* AA 0	UHC (SENIOR NT) CTL PA 3.5 15MAY33		09/17/2018	SINKING PAYMENT.....		33,663	33,663	33,664	33,664				0		33,663				786	05/15/2033	1.....
90276W AT 4	UBS COMMERCIAL MORTGAGE TRUST 2017-C7		09/01/2018	PAYDOWN.....				7,907	7,899		(501)		(501)						765	12/01/2050	1FE.....
90353D BA 2	UBS COMMERCIAL MORTGAGE TRUST 2018-C12		09/01/2018	PAYDOWN.....				2,272			(2)		(2)						30	08/01/2051	1FE.....
907818 DA 3	UNION PACIFIC CORP.....		08/15/2018	MATURITY.....		2,000,000	2,000,000	1,992,660	1,999,446		554		554		2,000,000				114,000	08/15/2018	1FE.....
907818 EN 4	UNION PACIFIC CORP.....		07/23/2018	BANC/AMERICA SECUR.L.....		1,898,620	2,000,000	1,973,100	1,973,469		269		269		1,973,738		(75,118)	(75,118)	62,222	04/15/2047	1FE.....
90783W AA 1	UNION PACIFIC RAILROAD CO 2006 PASS THRO		07/02/2018	SINKING PAYMENT.....		4,229	4,229	4,232	4,232		(3)		(3)		4,229				248	07/02/2030	1FE.....
909287 AA 2	UAL 2007-1 PASS THROUGH TRUST.....		07/02/2018	SINKING PAYMENT.....		42,550	42,550	45,773	44,442		(1,892)		(1,892)		42,550				2,824	07/02/2022	2FE.....
90932Q AB 2	UNITED AIRLINES 2014-2 CLASS B PASS THRO		09/03/2018	SINKING PAYMENT.....		144,628	144,628	144,037	144,037		591		591		144,628				6,689	09/03/2022	2FE.....
90933H AA 3	UNITED AIRLINES 2016-1 CLASS B PASS THRO		07/07/2018	SINKING PAYMENT.....		85,648	85,648	85,648	85,648				0		85,648				2,093	01/07/2026	2FE.....
91474@ AA 2	UNIVERSITY OF MICHIGAN.....		09/15/2018	SINKING PAYMENT.....		38,410	38,410	38,410	38,410				0		38,410				876	06/15/2039	1.....
92211M AC 7	VANTAGE DATA CENTERS ISSUER LLC.....		09/15/2018	PAYDOWN.....		10,000	10,000	10,044			(44)		(44)		10,000				191	02/16/2043	1FE.....
92890K BD 6	WFRBS COMMERCIAL MORTGAGE TRUST 2014-C22		09/01/2018	PAYDOWN.....				17,007	13,428		(1,338)		(1,338)						2,140	09/01/2057	1FE.....
92890N AA 7	WFRBS COMMERCIAL MORTGAGE TRUST 2012-C10		09/01/2018	PAYDOWN.....				54,943	35,291		(3,515)		(3,515)						6,713	12/01/2045	1FE.....
92930R AF 9	WFRBS COMMERCIAL MORTGAGE TRUST 2012-C9		09/01/2018	PAYDOWN.....				27,169	15,065		(1,770)		(1,770)						3,283	11/01/2045	1FE.....
92935J AE 5	WF-RBS COMMERCIAL MORTGAGE TRUST 2011-C2		09/01/2018	PAYDOWN.....				21,498	13,433		(2,226)		(2,226)						4,012	02/01/2044	1FE.....
92939K AH 1	WFRBS COMMERCIAL MORTGAGE TRUST 2014-C24		09/01/2018	PAYDOWN.....				17,843	12,793		(1,382)		(1,382)						2,306	11/01/2047	1FE.....

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SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	F o r e i g n	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation or Market Indicator (a)
929766 7N 7	WACHOVIA BANK COMMERCIAL MORTGAGE TRUST		09/01/2018	PAYDOWN.....		893,520	893,520	846,610	893,520				0		893,520		0	0	29,099	10/01/2044	1FM.....
929766 KS 1	WACHOVIA BANK COMMERCIAL MORTGAGE TRUST		09/01/2018	PAYDOWN.....		871,005	871,005	852,346	867,286		3,720		3,720		871,005		0	0	31,107	10/01/2035	1FM.....
929766 WU 3	WACHOVIA BANK COMMERCIAL MORTGAGE TRUST		09/01/2018	PAYDOWN.....		12,016	12,016	11,362	12,016				0		12,016		0	0	404	10/05/2041	1FM.....
94982D AA 4	WELLS FARGO MORTGAGE BACKED SECURITIES 2		09/01/2018	PAYDOWN.....		203,167	203,167	185,928	153,564		49,602		49,602		203,167		0	0	4,846	08/01/2035	1FM.....
949834 AA 3	WELLS FARGO MORTGAGE BACKED SECURITIES 2		09/01/2018	PAYDOWN.....		77,099	87,595	80,364	67,760		19,834		19,834		87,595		(10,496)	(10,496)	3,477	10/01/2037	1FM.....
94983D AL 9	WELLS FARGO MORTGAGE BACKED SECURITIES 2		09/01/2018	PAYDOWN.....		28,319	28,319	25,693	21,322		6,997		6,997		28,319		0	0	705	05/01/2035	1FM.....
94986L AK 0	WELLS FARGO MORTGAGE BACKED SECURITIES 2		09/01/2018	PAYDOWN.....		136,076	137,783	129,927	106,191		31,592		31,592		137,783		(1,707)	(1,707)	5,256	12/04/2037	1FM.....
94989T BC 7	WELLS FARGO COMMERCIAL MORTGAGE TRUST 20		09/01/2018	PAYDOWN.....				15,953			(693)		(693)				0	0	1,759	09/01/2058	1FE.....
94989W AV 9	WELLS FARGO COMMERCIAL MORTGAGE TRUST 20		09/01/2018	PAYDOWN.....				6,335	4,871		(366)		(366)				0	0	600	11/01/2048	1FE.....
94989Y BC 6	WELLS FARGO COMMERCIAL MORTGAGE TRUST 20		09/01/2018	PAYDOWN.....				9,894	7,856		(620)		(620)				0	0	984	01/01/2059	1FE.....
95000C BE 2	WELLS FARGO COMMERCIAL MORTGAGE TRUST 20		09/01/2018	PAYDOWN.....				23,502	18,248		(1,515)		(1,515)				0	0	2,485	01/01/2059	1FE.....
95000D BG 5	WELLS FARGO COMMERCIAL MORTGAGE TRUST 20		09/01/2018	PAYDOWN.....				26,291	21,239		(1,685)		(1,685)				0	0	2,708	06/01/2049	1FE.....
95000H BJ 0	WELLS FARGO COMMERCIAL MORTGAGE TRUST 20		09/01/2018	PAYDOWN.....				52,375	44,673		(3,120)		(3,120)				0	0	5,370	10/01/2049	1FE.....
95000J AY 4	WELLS FARGO COMMERCIAL MORTGAGE TRUST 20		09/01/2018	PAYDOWN.....				10,271	8,907		(733)		(733)				0	0	1,120	12/01/2059	1FE.....
95000K BE 4	WELLS FARGO COMMERCIAL MORTGAGE TRUST 20		09/01/2018	PAYDOWN.....				21,255	18,780		(1,474)		(1,474)				0	0	2,188	11/01/2049	1FE.....
95829T AA 3	WESTERN GROUP HOUSING LP.....		09/15/2018	SINKING PAYMENT.....		5,457	5,457	5,457	5,457				0		5,457		0	0	368	03/15/2057	1FE.....
96221Q AH 6	WFRBS COMMERCIAL MORTGAGE TRUST 2013-C18		09/01/2018	PAYDOWN.....				595,073	482,788		(69,191)		(69,191)				0	0	96,314	12/01/2046	1FE.....
96928* FR 3	WALGREEN CO.....		09/15/2018	SINKING PAYMENT.....		39,022	39,022	39,022	39,022				0		39,022		0	0	1,370	09/15/2038	2.....
97063Q AB 8	WILLIS ENGINE STRUCTURED TRUST III		09/15/2018	PAYDOWN.....		28,125	28,125	27,646	27,658		467		467		28,125		0	0	1,195	08/15/2042	2AM.....
97652Q BK 4	WINWATER MORTGAGE LOAN TRUST 2014-2		09/01/2018	PAYDOWN.....		23,416	23,416	24,441	24,359		(943)		(943)		23,416		0	0	641	09/01/2044	1FM.....
97652R BA 4	WINWATER MORTGAGE LOAN TRUST 2014-3		09/01/2018	PAYDOWN.....		32,332	32,332	32,752	32,656		(324)		(324)		32,332		0	0	857	11/01/2044	1FM.....
97652R BB 2	WINWATER MORTGAGE LOAN TRUST 2014-3		09/01/2018	PAYDOWN.....		26,513	26,513	27,516	27,495		(982)		(982)		26,513		0	0	702	11/01/2044	1FE.....
97652T BD 4	WINWATER MORTGAGE LOAN TRUST 2015-1		09/01/2018	PAYDOWN.....		28,496	28,496	27,763	27,763		734		734		28,496		0	0	742	01/01/2045	1FM.....

QE05.12

SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	F o r e i g n	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation or Market Indicator (a)
97652U BE 9	WINWATER MORTGAGE LOAN TRUST 2015-2	..	09/01/2018	PAYDOWN.....		35,162	35,162	35,962	35,781		(619)		(619)		35,162			0	917	02/01/2045	1FM.....
97652U BF 6	WINWATER MORTGAGE LOAN TRUST 2015-2	..	09/01/2018	PAYDOWN.....		39,426	39,426	39,537	39,504		(78)		(78)		39,426			0	1,028	02/01/2045	1FM.....
97654D AQ 9	WINWATER MORTGAGE LOAN TRUST 2015-5	..	09/01/2018	PAYDOWN.....		113,118	113,118	114,037	113,118				0		113,118			0	2,543	08/01/2045	1FE.....
G0014F AB 9	AABS 1/13 SERIES A TL.....	..	05/01/2018	PAYDOWN.....		1,462,858	1,462,858	1,477,486	1,462,858				0		1,462,858			0		01/10/2038	1FE.....
496902 AP 2	KINROSS GOLD CORP.....	A	07/10/2018	EXCHANGE OFFER.....		1,000,000	1,000,000	1,000,000	1,000,000				0		1,000,000			0	45,500	07/15/2027	2FE.....
02014Q AA 0	ALM XVII LTD.....	D	07/16/2018	PAYDOWN.....		3,750,000	3,750,000	3,344,481	3,571,070		178,930		178,930		3,750,000			0	231,997	01/15/2028	3AM.....
03765M AA 8	APIDOS CLO XX.....	D	07/16/2018	PAYDOWN.....		3,000,000	3,000,000	2,783,301	2,829,447		170,553		170,553		3,000,000			0	168,535	01/16/2027	2AM.....
09228Y AB 8	BLACKBIRD CAPITAL AIRCRAFT LEASE SECURIT	D	09/15/2018	PAYDOWN.....		117,188	117,188	117,187	117,187		1		1		117,188			0	3,291	12/16/2041	1FE.....
09228Y AC 6	BLACKBIRD CAPITAL AIRCRAFT LEASE SECURIT	D	09/15/2018	PAYDOWN.....		46,875	46,875	46,873	46,873		2		2		46,875			0	1,776	12/16/2041	2AM.....
11042A AA 2	BRITISH AIRWAYS 2013-1 CLASS A PASS THRO	C	09/20/2018	SINKING PAYMENT.....		33,288	33,288	33,934	14,476		(603)		(603)		33,288			0	718	06/20/2024	1FE.....
12550A AG 1	CIFC FUNDING 2014-V LTD.....	D	09/17/2018	CALL 100.....		6,000,000	6,000,000	5,753,751	5,871,108		16,031		16,031		5,887,139		112,861	112,861	253,030	01/17/2027	3AM.....
25156P AL 7	DEUTSCHE TELEKOM INTERNATIONAL FINANCE B	D	08/20/2018	MATURITY.....		2,000,000	2,000,000	1,999,700	1,999,976		24		24		2,000,000			0	135,000	08/20/2018	2FE.....
25264V AB 5	DIAMOND HEAD AVIATION 2015 LTD.....	D	09/14/2018	PAYDOWN.....		143,742	143,742	143,719	143,742				0		143,742			0	5,673	07/14/2028	2AM.....
277345 AB 3	EASTLAND CLO LTD.....	D	08/01/2018	PAYDOWN.....		2,321,173	2,321,173	2,196,410	2,253,590		67,583		67,583		2,321,173			0	44,653	05/01/2022	1FE.....
29100X AA 3	EMERALD AVIATION FINANCE LTD.....	D	09/15/2018	PAYDOWN.....		92,466	92,466	94,951	94,144		(1,677)		(1,677)		92,466			0	2,866	10/15/2038	1FE.....
389669 AD 4	GRAYSON CLO LTD.....	D	08/01/2018	PAYDOWN.....		10,117,469	10,117,469	9,721,056	9,792,809		324,660		324,660		10,117,469			0	194,631	11/01/2021	1FE.....
393647 AC 6	GREENBRIAR CLO LTD.....	D	08/01/2018	PAYDOWN.....		2,690,212	2,690,212	2,546,829	2,606,125		84,087		84,087		2,690,212			0	73,173	11/01/2021	1FE.....
43132W AC 4	HILDENE CLO IV LTD.....	D	07/23/2018	PAYDOWN.....		7,000,000	7,000,000	7,035,000		(35,000)		(35,000)			7,000,000			0	216,126	07/23/2027	1FE.....
48244X AB 8	KDAC AVIATION FINANCE LTD.....	D	09/15/2018	PAYDOWN.....		445,474	445,474	445,474		0			0		445,474			0	13,661	12/15/2042	2AM.....
56576L AA 7	MARATHON CLO VIII LTD.....	D	09/18/2018	CALL 100.....		14,500,000	14,500,000	14,550,750		(6,042)		(6,042)		14,544,708		(44,708)	(44,708)	353,266	07/18/2027	1FE.....	
56576L AL 3	MARATHON CLO VIII LTD.....	D	09/18/2018	CALL 100.....		6,000,000	6,000,000	6,075,000	6,054,441		(22,646)		(22,646)		6,031,796		(31,796)	(31,796)	332,719	07/18/2027	3AM.....
59111R AA 0	METAL 2017-1 LLC.....	D	09/15/2018	PAYDOWN.....		123,248	123,248	123,248	123,248				0		123,248			0	3,766	10/15/2042	1FE.....
59111R AB 8	METAL 2017-1 LLC.....	D	09/15/2018	PAYDOWN.....		134,587	134,587	133,241		1,346		1,346		134,587			0	5,110	10/15/2042	2AM.....	
67706F AA 0	OHA LOAN FUNDING 2013-1 LTD.....	D	08/10/2018	CALL 100.....		2,000,000	2,000,000	1,869,807	1,906,613		12,418		12,418		1,919,031		80,969	80,969	113,231	07/23/2025	3AM.....
71647N AW 9	PETROBRAS GLOBAL FINANCE BV.....	D	09/20/2018	EXCHANGE OFFER.....		1,500,000	1,500,000	1,500,000	1,500,000				0		1,500,000			0	88,235	01/27/2028	3FE.....
77426N AC 7	ROCKWALL CDO II LTD.....	C	08/01/2018	PAYDOWN.....		6,982,824	6,982,824	6,431,592	6,667,665		315,159		315,159		6,982,824			0	134,330	08/01/2024	1FE.....
805649 AA 8	SAYARRA LTD.....	D	07/29/2018	SINKING PAYMENT.....		96,234	96,234	96,234	96,234				0		96,234			0	2,002	10/29/2021	1.....
805649 AB 6	SAYARRA LTD.....	D	07/29/2018	SINKING PAYMENT.....		334,344	334,344	334,344	334,344				0		334,344			0	6,457	04/14/2022	1.....
83238P AB 0	SMITHS GROUP PLC.....	D	09/04/2018	CALL 102.971.....		4,530,724	4,400,000	4,190,680	4,360,735		16,570		16,570		4,377,305		22,695	22,695	385,044	05/15/2019	2FE.....
85572R AA 7	START LTD/BERMUDA.....	D	09/15/2018	PAYDOWN.....		95,238	95,238	94,358		880		880		95,238			0		455	05/15/2043	1FE.....
88606W AB 8	THUNDERBOLT AIRCRAFT LEASE LTD.....	D	09/15/2018	PAYDOWN.....		24,107	24,107	23,922	24,107				0		24,107			0	924	05/17/2032	2AM.....
88606W AC 6	THUNDERBOLT AIRCRAFT LEASE LTD.....	D	09/15/2018	PAYDOWN.....		35,714	35,714	32,489	32,747		2,967		2,967		35,714			0	1,071	05/17/2032	1AM.....
92916X AC 1	VOYA CLO 2013-3 LTD.....	D	09/20/2018	CALL 100.....		3,100,000	3,100,000	3,103,100		(446)		(446)		3,102,654		(2,654)	(2,654)	76,395	01/18/2026	1FE.....	
95736X AE 8	WESTCHESTER CLO LTD.....	D	08/01/2018	PAYDOWN.....		2,311,471	2,311,471	2,162,612	2,223,184		88,288		88,288		2,311,471			0	47,095	08/01/2022	1FE.....
3899999	Total - Bonds - Industrial and Miscellaneous.....					261,606,077	263,717,767	246,041,573	232,410,098	0	3,766,668	0	3,766,668	0	263,268,089	0	(1,855,299)	(1,855,299)	8,810,613	XXX	XXX

QE05.13

SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	For rei gn	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than- Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation or Market Indicator (a)
Bonds - Hybrid Securities																					
293791 AV 1	ENTERPRISE PRODUCTS OPERATING LLC		08/23/2018	CALL 100.....		5,000,000	5,000,000	4,918,750	4,918,750		1,048		1,048		4,919,798		80,202	80,202	229,548	08/01/2066	2FE.....
46625H JQ 4	JPMORGAN CHASE & CO.....		07/23/2018	BANC/AMERICA SECUR.L.....		10,105,625	9,250,000	9,977,229	9,756,819		(39,851)		(39,851)		9,716,968		388,657	388,657	613,969	01/29/2049	2FE.....
693475 AK 1	PNC FINANCIAL SERVICES GROUP INC/THE		08/15/2018	BANC/AMERICA SECUR.L.....		3,915,765	3,609,000	4,028,546	3,874,313		(43,427)		(43,427)		3,830,886		84,879	84,879	254,435	07/29/2049	2FE.....
4899999	Total - Bonds - Hybrid Securities.....					19,021,390	17,859,000	18,924,525	18,549,882	0	(82,230)	0	(82,230)	0	18,467,652	0	553,738	553,738	1,097,952	XXX	XXX
8399997	Total - Bonds - Part 4.....					289,421,232	290,446,736	280,447,488	256,611,599	0	3,112,095	0	3,112,095	0	290,520,915	0	(1,292,970)	(1,292,970)	11,113,310	XXX	XXX
8399999	Total - Bonds.....					289,421,232	290,446,736	280,447,488	256,611,599	0	3,112,095	0	3,112,095	0	290,520,915	0	(1,292,970)	(1,292,970)	11,113,310	XXX	XXX
Common Stocks - Industrial and Miscellaneous																					
02376R 10 2	AMERICAN AIRLINES GROUP INC.....		08/21/2018	NON-BROKER TRADE, BO.....	0.010								0				0		1	XXX	L.....
032724 10 6	ANAPTYSBIO INC.....		09/25/2018	MERRILL LYNCH PIERCE.....	11,560,000	1,128,209	1,042,712						0		1,042,712		85,497	85,497		XXX	L.....
04010L 10 3	ARES CAPITAL CORP.....		09/18/2018	WELLS FARGO SECS LLC.....	143,000,000	2,466,146	2,354,205	2,247,960	106,245				106,245		2,354,205		111,941	111,941	164,450	XXX	L.....
19459J 10 4	COLLEGIUM PHARMACEUTICAL INC.....		09/06/2018	VARIOUS.....	23,788,000	373,846	605,527						0		605,527		(231,681)	(231,681)		XXX	L.....
29278N 10 3	ENERGY TRANSFER PARTNERS LP.....		08/02/2018	WELLS FARGO SECS LLC.....	115,000,000	2,709,066	1,978,023						0		1,978,023		731,043	731,043	64,975	XXX	L.....
49456B 10 1	KINDER MORGAN INC/DE.....		09/14/2018	WELLS FARGO SECS LLC.....	120,000,000	2,171,036	1,960,896						0		1,960,896		210,140	210,140	48,000	XXX	L.....
726503 10 5	PLAINS ALL AMERICAN PIPELINE LP.....		08/21/2018	WELLS FARGO SECURITI.....	59,700,000	1,633,263	1,310,081						0		1,310,081		323,182	323,182	35,820	XXX	L.....
83304A 10 6	SNAP INC.....		09/13/2018	MERRILL LYNCH PIERCE.....	128,505,000	1,517,300	1,876,699						0		1,876,699		(359,399)	(359,399)		XXX	L.....
85571B 10 5	STARWOOD PROPERTY TRUST INC.....		09/19/2018	WELLS FARGO SECS LLC.....	25,000,000	544,798	523,940	533,750	(9,810)				(9,810)		523,940		20,858	20,858	36,000	XXX	L.....
96812T 10 2	WILDHORSE RESOURCE DEVELOPMENT CORP		07/30/2018	J.P MORGAN SECURITIE.....	10,421,000	220,081	286,578						0		286,578		(66,497)	(66,497)		XXX	L.....
98980G 10 2	ZSCALER INC.....		09/25/2018	MERRILL LYNCH PIERCE.....	498,000	21,357	21,842						0		21,842		(485)	(485)		XXX	L.....
9099999	Total - Common Stocks - Industrial and Miscellaneous.....					12,785,102	11,960,503	2,781,710	96,435	0	0	0	96,435	0	11,960,503	0	824,599	824,599	349,246	XXX	XXX
9799997	Total - Common Stocks - Part 4.....					12,785,102	11,960,503	2,781,710	96,435	0	0	0	96,435	0	11,960,503	0	824,599	824,599	349,246	XXX	XXX
9799999	Total - Common Stocks.....					12,785,102	11,960,503	2,781,710	96,435	0	0	0	96,435	0	11,960,503	0	824,599	824,599	349,246	XXX	XXX
9899999	Total - Preferred and Common Stocks.....					12,785,102	11,960,503	2,781,710	96,435	0	0	0	96,435	0	11,960,503	0	824,599	824,599	349,246	XXX	XXX
9999999	Total - Bonds, Preferred and Common Stocks.....					302,206,334	292,407,991	259,393,309	259,393,309	96,435	3,112,095	0	3,208,530	0	302,481,418	0	(468,371)	(468,371)	11,462,556	XXX	XXX

QE05.14

(a) For all common stock bearing the NAIC market indicator "U" provide: the number of such issues:0.

SCHEDULE DB - PART A - SECTION 1

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule / Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate of Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Premium (Received) Paid	Current Year Initial Cost of Premium (Received) Paid	Current Year Income	Book/Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization) / Accretion	Adjustment to Carrying Value of Hedged Items	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Year-end (b)
Purchased Options - Hedging Other - Call Options and Warrants																						
VIX US C 20 10/17/18.....				GOLDMAN SACHS & CO. W22LROWP2IHZNBB6K528...	09/06/2018	10/17/2018	.250,000	5,000,000	20.0000		282,500		82,892		82,892	(199,608)						
VIX US C 27 11/21/18.....				CITIBANK N.A. E57ODZWZ7FF32TWEFA76..	08/29/2018	11/21/2018	.300,000	8,100,000	27.0000		231,000		143,408		143,408	(87,592)						
0089999. Total-Purchased Options-Hedging Other-Call Options and Warrants.....										0	513,500	0	226,300	XX	226,300	(287,200)	0	0	0	0	XXX	XXX
Purchased Options - Hedging Other - Put Options																						
IRS PUT SWO USD 3.15% 10/26/2018.....				BANK OF AMERICA, N.A. B4TYDEB6GKMZO031MB27..	08/31/2018	10/26/2018	#####	25,000,000	3.1500		98,125		200,491		200,491	102,366						
0099999. Total-Purchased Options-Hedging Other-Put Options.....										0	98,125	0	200,491	XX	200,491	102,366	0	0	0	0	XXX	XXX
0149999. Total-Purchased Options-Hedging Other.....										0	611,625	0	426,791	XX	426,791	(184,834)	0	0	0	0	XXX	XXX
0369999. Total-Purchased Options-Call Options and Warrants.....										0	513,500	0	226,300	XX	226,300	(287,200)	0	0	0	0	XXX	XXX
0379999. Total-Purchased Options-Put Options.....										0	98,125	0	200,491	XX	200,491	102,366	0	0	0	0	XXX	XXX
0429999. Total-Purchased Options.....										0	611,625	0	426,791	XX	426,791	(184,834)	0	0	0	0	XXX	XXX
Written Options - Hedging Other - Call Options and Warrants																						
IRS CALL SWO USD 2.83% 12/06/2018.....				GOLDMAN SACHS & CO. W22LROWP2IHZNBB6K528...	09/06/2018	12/06/2018	#####	200,000,000	2.8300		(375,000)		(79,237)		(79,237)	295,763						
0509999. Total-Written Options-Hedging Other-Call Options and Warrants.....										0	(375,000)	0	(79,237)	XX	(79,237)	295,763	0	0	0	0	XXX	XXX
Written Options - Hedging Other - Put Options																						
IRS PUT SWO USD 3.0% 12/06/2018.....				GOLDMAN SACHS & CO. W22LROWP2IHZNBB6K528...	09/06/2018	12/06/2018	#####	200,000,000	3.0000		(435,000)		(756,523)		(756,523)	(321,523)						
IRS PUT SWO USD 3.02% 11/27/2018.....				CITIBANK N.A. E57ODZWZ7FF32TWEFA76..	08/27/2018	11/27/2018	#####	30,000,000	3.0200		(462,000)		(884,975)		(884,975)	(422,975)						
IRS PUT SWO USD 3.05% 11/30/2018.....				BARCLAYS BANK NEW YO G5GSEF7VJP5I7OUK5573....	08/31/2018	11/30/2018	#####	30,000,000	3.0500		(384,000)		(776,043)		(776,043)	(392,043)						
IRS PUT SWO USD 3.15% 10/26/2018.....				CITIBANK N.A. E57ODZWZ7FF32TWEFA76..	07/26/2018	10/26/2018	#####	25,000,000	3.1500		(305,000)		(200,491)		(200,491)	104,509						
QQQ US P 167 12/07/18.....				GOLDMAN SACHS & CO. W22LROWP2IHZNBB6K528...	09/06/2018	12/07/2018	.165,000	27,555,000	167.0000		(439,143)		(192,474)		(192,474)	246,668						
QQQ US P 170 12/10/2018.....				CANADIAN IMPERIAL BA 2IG19DL77OX0HC3ZE78.....	09/11/2018	12/10/2018	.165,000	28,050,000	170.0000		(478,023)		(251,393)		(251,393)	226,630						
0519999. Total-Written Options-Hedging Other-Put Options.....										0	(2,503,166)	0	(3,061,899)	XX	(3,061,899)	(558,734)	0	0	0	0	XXX	XXX
0569999. Total-Written Options-Hedging Other.....										0	(2,878,166)	0	(3,141,136)	XX	(3,141,136)	(262,971)	0	0	0	0	XXX	XXX
0789999. Total-Written Options-Call Options and Warrants.....										0	(375,000)	0	(79,237)	XX	(79,237)	295,763	0	0	0	0	XXX	XXX
0799999. Total-Written Options-Put Options.....										0	(2,503,166)	0	(3,061,899)	XX	(3,061,899)	(558,734)	0	0	0	0	XXX	XXX
0849999. Total-Written Options.....										0	(2,878,166)	0	(3,141,136)	XX	(3,141,136)	(262,971)	0	0	0	0	XXX	XXX
Swaps - Hedging Other - Interest Rate																						
IRS USD REC 2.456 PAY USD LIBOR 3M 12202017 12222027 LCH				LCH..... F226TOH6YD6XJB17KS62....	12/31/2017	12/22/2027		150,000,000	2.456 / (LIB3).			359,323		(7,874,570)		(7,874,570)	(8,681,575)				2,278,924	
IRS USD PAY 2.46 REC USD LIBOR 3M 01262017 01222047 LCH				LCH..... F226TOH6YD6XJB17KS62....	12/31/2017	01/22/2047		70,000,000	LIB3 / (2.456).			(181,089)		9,199,013		9,199,013	7,907,195				1,862,957	
IRS_USD_PAY_2.4219_REC_USD LIBOR 3M_01/17/2017_01/17/2047_LCH				LCH..... F226TOH6YD6XJB17KS62....	12/31/2017	01/17/2047		30,000,000	LIB3 / (2.422).			(69,537)		4,139,595		4,139,595	3,365,999				798,217	
IRS_USD_PAY_2.4229_REC_USD LIBOR 3M_01/17/2017_01/17/2047_LCH				LCH..... F226TOH6YD6XJB17KS62....	12/31/2017	01/17/2047		25,000,000	LIB3 / (2.423).			(58,135)		3,444,802		3,444,802	2,805,522				665,181	
IRS_USD_PAY_2.4242_REC_USD LIBOR 3M_01/17/2017_01/17/2047_LCH				LCH..... F226TOH6YD6XJB17KS62....	12/31/2017	01/17/2047		15,000,000	LIB3 / (2.424).			(35,028)		2,063,090		2,063,090	1,683,721				399,109	

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SCHEDULE DB - PART A - SECTION 1

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule / Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate of Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Premium (Received) Paid	Current Year Initial Cost of Premium (Received) Paid	Current Year Income	Book/Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization) / Accretion	Adjustment to Carrying Value of Hedged Items	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Year-end (b)
IRS_USD_PAY_2.4255_REC_USD LIBOR 3M_01/17/2017_01/17/2047_LCH			LCH.....	F226TOH6YD6XJB17KS62....	12/31/2017	01/17/2047		15,000,000	LIB3 / (2.426).			(35,174)	2,059,298		2,059,298	1,684,129				399,109		
IRS_USD_PAY_2.4261_REC_USD LIBOR 3M_01/17/2017_01/17/2047_LCH			LCH.....	F226TOH6YD6XJB17KS62....	12/31/2017	01/17/2047		25,000,000	LIB3 / (2.426).			(58,735)	3,429,248		3,429,248	2,807,196				665,181		
IRS_USD_PAY_2.4266_REC_USD LIBOR 3M_01/17/2017_01/17/2047_LCH			LCH.....	F226TOH6YD6XJB17KS62....	12/31/2017	01/17/2047		15,000,000	LIB3 / (2.427).			(35,298)	2,056,090		2,056,090	1,684,474				399,109		
IRS_USD_PAY_2.4285_REC_USD LIBOR 3M_01/17/2017_01/17/2047_LCH			LCH.....	F226TOH6YD6XJB17KS62....	12/31/2017	01/17/2047		20,000,000	LIB3 / (2.429).			(47,348)	2,734,065		2,734,065	2,246,761				532,145		
IRS_USD_PAY_2.4341_REC_USD LIBOR 3M_01/17/2017_01/17/2047_LCH			LCH.....	F226TOH6YD6XJB17KS62....	12/31/2017	01/17/2047		25,000,000	LIB3 / (2.434).			(60,235)	3,390,361		3,390,361	2,811,380				665,181		
IRS_USD_PAY_2.4355_REC_USD LIBOR 3M_01/17/2017_01/17/2047_LCH			LCH.....	F226TOH6YD6XJB17KS62....	12/31/2017	01/17/2047		25,000,000	LIB3 / (2.436).			(60,498)	3,383,556		3,383,556	2,812,112				665,181		
IRS_USD_PAY_2.4447_REC_USD LIBOR 3M_05/24/2017_05/24/2047_LCH			LCH.....	F226TOH6YD6XJB17KS62....	12/31/2017	05/24/2047		100,000,000	LIB3 / (2.445).			(292,816)	13,422,328		13,422,328	11,347,283				2,677,020		
IRS_USD_PAY_2.455891_REC_USD LIBOR 3M_01/19/2017_01/22/2047_LCH			LCH.....	F226TOH6YD6XJB17KS62....	12/31/2017	05/24/2047		10,000,000	LIB3 / (2.456).			(25,870)	1,314,145		1,314,145	1,129,597				267,702		
IRS_USD_PAY_2.4564_REC_USD LIBOR 3M_01/17/2017_01/17/2047_LCH			LCH.....	F226TOH6YD6XJB17KS62....	12/31/2017	01/17/2047		30,000,000	LIB3 / (2.456).			(77,300)	3,938,360		3,938,360	3,387,651				798,217		
IRS_USD_PAY_2.461_REC_USD LIBOR 3M_01/17/2017_01/17/2047_LCH			LCH.....	F226TOH6YD6XJB17KS62....	12/31/2017	01/17/2047		30,000,000	LIB3 / (2.461).			(78,335)	3,911,528		3,911,528	3,390,538				798,217		
IRS_USD_PAY_2.47386_REC_USD LIBOR 3M_01/17/2017_01/17/2047_LCH			LCH.....	F226TOH6YD6XJB17KS62....	12/31/2017	01/17/2047		25,000,000	LIB3 / (2.474).			(67,692)	3,197,098		3,197,098	2,832,174				665,181		
IRS_USD_PAY_2.534447_REC_USD LIBOR 3M_01/17/2017_01/17/2047_LCH			LCH.....	F226TOH6YD6XJB17KS62....	12/31/2017	01/17/2047		120,000,000	LIB3 / (2.534).			(379,442)	13,932,474		13,932,474	13,746,532				3,192,869		
IRS_USD_PAY_2.534448_REC_USD LIBOR 3M_01/17/2017_01/17/2047_LCH			LCH.....	F226TOH6YD6XJB17KS62....	12/31/2017	01/17/2047		20,000,000	LIB3 / (2.534).			(63,241)	2,322,079		2,322,079	2,291,093				532,145		
IRS_USD_PAY_2.66450_REC_USD LIBOR 3M_02/28/2018_03/02/2021_LCH			LCH.....	F226TOH6YD6XJB17KS62....	02/28/2018	03/02/2021		200,000,000	LIB3 / (2.665).			(505,755)	1,649,610		1,649,610	1,649,610				1,556,251		
IRS_USD_PAY_2.73583_REC_USD LIBOR 3M_02/15/2018_02/20/2023_LCH			LCH.....	F226TOH6YD6XJB17KS62....	02/15/2018	02/20/2023		100,000,000	LIB3 / (2.736).			(352,309)	1,333,195		1,333,195	1,333,195				1,048,156		
IRS_USD_PAY_2.761_REC_USD LIBOR 3M_05/21/2015_05/21/2045_CME			CME.....	SNZ2OJLFK8MNNCLQOF39..	12/31/2017	05/21/2045		20,000,000	LIB3 / (2.761).			(106,914)	1,549,958		1,549,958	2,325,010				516,309		
IRS_USD_PAY_2.78450_REC_USD LIBOR 3M_02/27/2018_03/01/2023_LCH			LCH.....	F226TOH6YD6XJB17KS62....	02/27/2018	03/01/2023		150,000,000	LIB3 / (2.785).			(495,751)	1,682,399		1,682,399	1,682,399				1,576,638		
IRS_USD_PAY_2.81530_REC_USD LIBOR 3M_02/09/2018_02/13/2028_LCH			LCH.....	F226TOH6YD6XJB17KS62....	02/09/2018	02/13/2028		98,000,000	LIB3 / (2.815).			(408,618)	2,346,489		2,346,489	2,346,489				1,500,559		
IRS_USD_PAY_2.835_REC_USD LIBOR 3M_02/09/2018_02/13/2028_LCH			LCH.....	F226TOH6YD6XJB17KS62....	02/09/2018	02/13/2028		226,000,000	LIB3 / (2.835).			(970,519)	5,045,747		5,045,747	5,045,747				3,460,473		
IRS_USD_PAY_2.84029_REC_USD LIBOR 3M_02/15/2018_02/20/2025_LCH			LCH.....	F226TOH6YD6XJB17KS62....	02/15/2018	02/20/2025		100,000,000	LIB3 / (2.835).			(413,060)	1,394,695		1,394,695	1,394,695				1,264,640		
IRS_USD_PAY_2.84029_REC_USD LIBOR 3M_02/15/2018_02/20/2025_LCH			LCH.....	F226TOH6YD6XJB17KS62....	02/15/2018	02/20/2025		100,000,000	LIB3 / (2.840).			(416,436)	1,362,649		1,362,649	1,362,649				1,264,640		
IRS_USD_PAY_2.86130_REC_US LIBOR 3M_2/2/2018_2/6/2028_LCH			LCH.....	F226TOH6YD6XJB17KS62....	02/02/2018	02/06/2021		81,900,000	LIB3 / (2.861).			(376,956)	1,649,283		1,649,283	1,649,283				628,574		

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SCHEDULE DB - PART A - SECTION 1

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule / Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate of Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Premium (Received) Paid	Current Year Initial Cost of Premium (Received) Paid	Current Year Income	Book/Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization) / Accretion	Adjustment to Carrying Value of Hedged Items	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Year-end (b)	
IRS_USD_PAY_2.892_REC_US LIBOR 3M_2/8/2018_2/12/2018_LCH			LCH.....	F226TOH6YD6XJB17KS62....	02/08/2018	02/12/2028	.....	..50,000,000	LIB3 / (2.892).	.....	.....	.....(235,456)	.....882,680	.....	.....882,680	.....882,680	.....	.....	.....	.....	.....765,480	.....	.....
IRS_USD_PAY_2.892_REC_USD LIBOR 3M_02/15/2018_02/20/2028_LCH			LCH.....	F226TOH6YD6XJB17KS62....	02/15/2018	02/20/2028	.....	..63,600,000	LIB3 / (2.920).	.....	.....	.....(295,975)	.....976,656	.....	.....976,656	.....976,656	.....	.....	.....	.....	.....974,827	.....	.....
IRS_USD_PAY_2.89499_REC_USD LIBOR 3M_08/30/2018_08/30/2023_LCH			LCH.....	F226TOH6YD6XJB17KS62....	08/28/2018	08/30/2023	.....	..124,400,000	LIB3 / (2.895).	.....	.....	.....(54,158)	.....929,891	.....	.....929,891	.....929,891	.....	.....	.....	.....	.....1,379,355	.....	.....
IRS_USD_PAY_2.95150_REC_US LIBOR 3M_2/5/2018_2/7/2048_LCH			LCH.....	F226TOH6YD6XJB17KS62....	02/05/2018	02/07/2048	.....	..176,000,000	LIB3 / (2.952).	.....	.....	.....(917,516)	.....6,173,077	.....	.....6,173,077	.....6,173,077	.....	.....	.....	.....	.....4,769,514	.....	.....
IRS_USD_PAY_2.96300_REC_US LIBOR 2/5/2018_2/7/2033_LCH			LCH.....	F226TOH6YD6XJB17KS62....	02/07/2018	02/07/2033	.....	..152,000,000	LIB3 / (2.963).	.....	.....	.....(793,869)	.....3,298,880	.....	.....3,298,880	.....3,298,880	.....	.....	.....	.....	.....2,880,703	.....	.....
IRS_USD_PAY_2.9833_REC_USD LIBOR 3M_09/06/2018_09/06/2048_LCH			LCH.....	F226TOH6YD6XJB17KS62....	09/04/2018	09/06/2048	.....	..48,200,000	LIB3 / (2.983).	.....	.....	.....(22,110)	.....1,376,310	.....	.....1,376,310	.....1,376,310	.....	.....	.....	.....	.....1,319,047	.....	.....
IRS_USD_PAY_2.9844_REC_USD LIBOR 3M_06/15/2018_06/15/2025_LCH			LCH.....	F226TOH6YD6XJB17KS62....	06/13/2018	06/15/2025	.....	..80,000,000	LIB3 / (2.984).	.....	.....	.....(141,443)	.....442,457	.....	.....442,457	.....442,457	.....	.....	.....	.....	.....1,036,326	.....	.....
IRS_USD_PAY_3.0235_REC_USD LIBOR 3M_06/15/2018_06/15/2028_LCH_P			LCH.....	F226TOH6YD6XJB17KS62....	06/13/2018	06/15/2028	.....	..110,000,000	LIB3 / (3.024).	.....	.....	.....(207,148)	.....802,556	.....	.....802,556	.....802,556	.....	.....	.....	.....	.....1,714,295	.....	.....
IRS_USD_PAY_3.03080_REC_USD LIBOR 3M_04/26/2018_04/30/2028_LCH			LCH.....	F226TOH6YD6XJB17KS62....	04/26/2018	04/30/2028	.....	..65,700,000	LIB3 / (3.031).	.....	.....	.....(174,566)	.....422,417	.....	.....422,417	.....422,417	.....	.....	.....	.....	.....1,017,239	.....	.....
IRS_USD_PAY_3.07_REC_USD LIBOR 3M_07/31/2020_07/31/2030_LCH			LCH.....	F226TOH6YD6XJB17KS62....	07/27/2018	07/31/2030	.....	..66,500,000	LIB3 / (3.070).	.....	.....	.....	.....530,398	.....	.....530,398	.....530,398	.....	.....	.....	.....	.....1,144,162	.....	.....
IRS_USD_PAY_3.105_REC_USD LIBOR 3M_08/07/2019_08/07/2034_LCH			LCH.....	F226TOH6YD6XJB17KS62....	08/03/2018	08/07/2034	.....	..47,500,000	LIB3 / (3.105).	.....	.....	.....	.....431,611	.....	.....431,611	.....431,611	.....	.....	.....	.....	.....945,924	.....	.....
IRS_USD_PAY_3.1139_REC_USD LIBOR 3M_08/01/2019_08/01/2034_LCH			LCH.....	F226TOH6YD6XJB17KS62....	07/30/2018	08/01/2034	.....	..48,000,000	LIB3 / (3.114).	.....	.....	.....	.....384,650	.....	.....384,650	.....384,650	.....	.....	.....	.....	.....955,386	.....	.....
IRS_USD_PAY_3.163980_REC_USD LIBOR 3M_09/25/2018_09/25/2033_LCH			LCH.....	F226TOH6YD6XJB17KS62....	09/21/2018	09/25/2033	.....	..39,800,000	LIB3 / (3.164).	.....	.....	.....(5,249)	.....(73,217)	.....	.....(73,217)	.....(73,217)	.....	.....	.....	.....	.....770,653	.....	.....
IRS_USD_PAY_3.3253_REC_USD LIBOR 3M_09/15/2014_09/15/2044_CME			CME.....	SNZ2OJLFK8MNNCLQOF39..	12/31/2017	09/15/2044	.....	..25,000,000	LIB3 / (3.253).	.....	.....	.....(217,091)	.....(334,195)	.....	.....(334,195)	.....3,095,921	.....	.....	.....	.....	.....637,109	.....	.....
IRS_USD_PAY_3.346_REC_USD LIBOR 3M_05/19/2014_05/19/2044_CME			CME.....	SNZ2OJLFK8MNNCLQOF39..	12/31/2017	05/19/2044	.....	..6,000,000	LIB3 / (3.306).	.....	.....	.....(56,657)	.....(135,232)	.....	.....(135,232)	.....744,779	.....	.....	.....	.....	.....151,944	.....	.....
IRS_USD_PAY_3.346_REC_USD LIBOR 3M_05/19/2014_05/19/2044_CME			CME.....	SNZ2OJLFK8MNNCLQOF39..	12/31/2017	05/19/2044	.....	..8,000,000	LIB3 / (3.346).	.....	.....	.....(77,794)	.....(238,982)	.....	.....(238,982)	.....999,199	.....	.....	.....	.....	.....202,591	.....	.....
IRS_USD_PAY_USD LIBOR 3M_REC_2.98512_03/23/2018_03/23/2033_LCH			LCH.....	F226TOH6YD6XJB17KS62....	03/21/2018	03/23/2033	.....	..40,000,000	2.985 / (LIB3).	.....	.....	.....131,844	.....(763,428)	.....	.....(763,428)	.....(763,428)	.....	.....	.....	.....	.....761,253	.....	.....
IRS_USD_REC_1.4725_PAY_USD LIBOR 3M_11/07/2016_11/07/2023_LCH			LCH.....	F226TOH6YD6XJB17KS62....	12/31/2017	11/07/2023	.....	..150,000,000	1.473 / (LIB3).	.....	.....	.....(663,194)	.....(11,311,271)	.....	.....(11,311,271)	.....(4,745,572)	.....	.....	.....	.....	.....1,694,875	.....	.....
IRS_USD_REC_1.4835_PAY_USD LIBOR 3M_07/01/2016_07/01/2028_LCH			LCH.....	F226TOH6YD6XJB17KS62....	12/31/2017	07/01/2028	.....	..170,000,000	1.484 / (LIB3).	.....	.....	.....(829,096)	.....(23,538,591)	.....	.....(23,538,591)	.....(8,687,647)	.....	.....	.....	.....	.....2,655,336	.....	.....
IRS_USD_REC_1.585_PAY_USD LIBOR 3M_06/23/2016_06/23/2031_LCH			LCH.....	F226TOH6YD6XJB17KS62....	12/31/2017	06/23/2031	.....	..100,000,000	1.585 / (LIB3).	.....(2,248)	.....	.....(421,964)	.....(16,556,879)	.....	.....(16,556,879)	.....(6,218,130)	.....	.....	.....	.....	.....1,784,446	.....	.....
IRS_USD_REC_1.675_PAY_USD LIBOR 3M_11/07/2016_11/07/2026_LCH			LCH.....	F226TOH6YD6XJB17KS62....	12/31/2017	11/07/2026	.....	..228,000,000	1.675 / (LIB3).	.....	.....	.....(660,497)	.....(23,343,078)	.....	.....(23,343,078)	.....(10,693,689)	.....	.....	.....	.....	.....3,246,417	.....	.....
IRS_USD_REC_1.725_PAY_USD LIBOR 3M_11/01/2016_11/01/2026_LCH			LCH.....	F226TOH6YD6XJB17KS62....	12/31/2017	11/01/2026110,500,000	1.725 / (LIB3).(294,701)(10,891,438)(10,891,438)(5,218,594)1,571,778

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SCHEDULE DB - PART A - SECTION 1

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule / Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate of Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Premium (Received) Paid	Current Year Initial Cost of Premium (Received) Paid	Current Year Income	Book/Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization) / Accretion	Adjustment to Carrying Value of Hedged Items	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Year-end (b)
IRS_USD_REC_1.885_PAY_USD LIBOR 3M_09/07/2017_09/07/2024_LCH				LCH..... F226TOH6YD6XJB17KS62....	12/31/2017	09/07/2024		200,000,000	1.885 / (LIB3).			(262,449)	(12,904,303)		(12,904,303)	(7,764,754)				2,437,717		
IRS_USD_REC_1.91_PAY_USD LIBOR 3M_08/23/2017_08/23/2024_LCH				LCH..... F226TOH6YD6XJB17KS62....	12/31/2017	08/23/2024		170,000,000	1.910 / (LIB3).			(182,561)	(10,657,714)		(10,657,714)	(6,605,287)				2,064,883		
IRS_USD_REC_1.971_PAY_USD LIBOR 3M_04/20/2015_04/20/2025_CME				CME..... SNZ2OJLFK8MNNCLQOF39..	12/31/2017	04/20/2025		50,000,000	1.971 / (LIB3).			(51,870)	(3,347,817)		(3,347,817)	(2,117,296)				640,259		
IRS_USD_REC_2.037_PAY_USD LIBOR 3M_02/09/2016_02/09/2031_CME				CME..... SNZ2OJLFK8MNNCLQOF39..	12/31/2017	02/09/2031		210,000,000	2.037 / (LIB3).			(48,727)	(24,770,236)		(24,770,236)	(13,978,861)				3,692,936		
IRS_USD_REC_2.112_PAY_USD LIBOR 3M_08/30/2017_08/31/2027_LCH				LCH..... F226TOH6YD6XJB17KS62....	12/31/2017	08/31/2027		170,700,000	2.112 / (LIB3).			81,558	(13,235,691)		(13,235,691)	(9,192,152)				2,549,564		
IRS_USD_REC_2.319500_PAY_USD LIBOR 3M_1/30/2018_2/01/2020_LCH				LCH..... F226TOH6YD6XJB17KS62....	01/30/2018	02/01/2020		400,000,000	2.320 / (LIB3).			433,065	(2,974,154)		(2,974,154)	(2,974,154)				2,314,931		
IRS_USD_REC_2.9335_PAY_USD LIBOR 3M_08/24/2018_08/24/2033_LCH				LCH..... F226TOH6YD6XJB17KS62....	08/22/2018	08/24/2033		121,300,000	2.934 / (LIB3).			69,724	(3,155,267)		(3,155,267)	(3,155,267)				2,341,875		
IRS_USD_REC_2.9456_PAY_USD LIBOR 3M_09/06/2018_09/06/2028_LCH				LCH..... F226TOH6YD6XJB17KS62....	09/04/2018	09/06/2028		114,000,000	2.946 / (LIB3).			49,309	(1,619,161)		(1,619,161)	(1,619,161)				1,797,306		
IRS_USD_REC_2.983170_PAY_USD LIBOR 3M_06/15/2018_06/15/2025_LCH				LCH..... F226TOH6YD6XJB17KS62....	09/21/2018	09/25/2020		250,000,000	2.983 / (LIB3).			25,439	(17,599)		(17,599)	(17,599)				1,762,917		
IRS_USD_REC_3.0475_PAY_USD LIBOR 3M_07/31/2020_07/31/2022_LCH				LCH..... F226TOH6YD6XJB17KS62....	07/27/2018	07/31/2022		300,000,000	3.048 / (LIB3).				(518,429)		(518,429)	(518,429)				2,937,709		
IRS_USD_REC_3.07_PAY_USD LIBOR 3M_08/07/2019_08/07/2021_LCH				LCH..... F226TOH6YD6XJB17KS62....	08/03/2018	08/07/2021		300,000,000	3.070 / (LIB3).				(658,806)		(658,806)	(658,806)				2,534,421		
IRS_USD_REC_3.095_PAY_USD LIBOR 3M_08/01/2019_08/01/2021_LCH				LCH..... F226TOH6YD6XJB17KS62....	07/30/2018	08/01/2021		300,000,000	3.095 / (LIB3).				(512,096)		(512,096)	(512,096)				2,527,113		
IRS_USD_REC_3.1285_PAY_USD LIBOR 3M_10/01/2018_10/01/2048_LCH				LCH..... F226TOH6YD6XJB17KS62....	09/27/2018	10/01/2048		20,000,000	3.129 / (LIB3).				13,000		13,000	13,000				547,948		
IRS_USD_REC_3.1317_PAY_USD LIBOR 3M_10/01/2018_10/01/2048_LCH				LCH..... F226TOH6YD6XJB17KS62....	09/27/2018	10/01/2048		20,000,000	3.132 / (LIB3).				25,926		25,926	25,926				547,948		
IRS_USD_REC_USD LIBOR 3M_PAY_2.8533_04/16/2018_04/18/2025_LCH				LCH..... F226TOH6YD6XJB17KS62....	04/16/2018	04/18/2025		110,000,000	LIB3 / (2.853).			(231,695)	1,453,646		1,453,646	1,453,646				1,407,981		
0919999. Total-Swaps-Hedging Other-Interest Rate										(2,248)	0	(11,367,615)	(55,336,844)	XX	(55,336,844)	15,510,774	0	0	0	93,562,053	XXX	XXX
Swaps - Hedging Other - Credit Default																						
CDS BOA 5 M 09-20-2019				BANK OF AMERICA, N.A B4TYDEB6GKMZO031MB27..	12/31/2017	09/20/2019		5,000,000				232,700	(190,278)		(231,776)	161,200				24,655	3FE	
0929999. Total-Swaps-Hedging Other-Credit Default												232,700	(190,278)	XX	(231,776)	161,200	0	0	0	24,655	XXX	XXX
Swaps - Hedging Other - Foreign Exchange																						
XCCY_EUR_PAY_4.625_REC_USD_7.55_06/27/2018_06/27/2028				BANK OF AMERICA, N.A B4TYDEB6GKMZO031MB27..	09/18/2018	06/27/2028		11,765,000	7.550 / (4.625)			90,845	(23,340)		(23,340)	(23,340)				183,662		
XCCY_EUR_PAY_5.00_REC_USD_8.197_10/01/2018_10/01/2026				CITIBANK N.A..... E57ODZWZ7FF32TWEFA76..	09/28/2018	10/01/2026		11,531,000	8.197 / (5.000)				(40,140)		(40,140)	(40,140)				163,157		
0939999. Total-Swaps-Hedging Other-Foreign Exchange												90,845	(63,480)	XX	(63,480)	(63,480)	0	0	0	346,819	XXX	XXX
Swaps - Hedging Other - Total Return																						
GDDUEAFE - USD LIBOR 3M + 0.35 BP MAT 09/24/2020 - FLT				GOLDMAN SACHS & CO, W22LROWP2IHZNBB6K528..	09/20/2018	09/24/2020		25,339,612	LIB3+35.000 / (GDDUEAFE)			11,498	47,430		47,430	47,430				178,563		

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SCHEDULE DB - PART A - SECTION 1

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule / Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate of Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Premium (Received) Paid	Current Year Initial Cost of Premium (Received) Paid	Current Year Income	Book/Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization) / Accretion	Adjustment to Carrying Value of Hedged Items	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Year-end (b)
GDDUEAFE - USD LIBOR 3M + 0.57 BP MAT 08/29/2019 - FLT				BARCLAYS BANK NEW YO	G5GSEF7VJP5I7OUK5573....	12/31/2017	08/29/2019	..54,954,121	LIB3+57.000 / (GDDUEAFE)			1,092,495	(3,575,371)		(3,575,371)	..566,450				..262,450		
RU20INTR- USD LIBOR 3M +1 BP MAT 02-07-2020				JP MORGAN CHASE BK,	7H6GLXDRUGQFU57RNE97.	02/05/2018	02/07/2020	..45,541,957	LIB3+1.000 / (RU20INTR)			..642,159	(6,728,392)		(6,728,392)	..(6,728,392)				..265,178		
SPTR - US0003M - 41 M 01/06/2020.....				DEUTSCHE BANK SA	7LTWFZYICNSX8D621K86....	01/02/2018	01/06/2020	(111,170,407)	SPTR / (LIB3+41.000)			..(2,096,669)	10,725,969		10,725,969	..10,725,969				..(626,042)		
SPTR - USD LIBOR 3M + .185 BP MAT 03/02/2020 - FLT				JP MORGAN CHASE BK,	7H6GLXDRUGQFU57RNE97.	08/27/2018	03/02/2020	..100,087,785	LIB3+18.500 / (SPTR)			..229,574	(772,100)		(772,100)	..(772,100)				..596,744		
SPTR - USD LIBOR 3M + .22 BP MAT 05/29/2020				WELLS FARGO BANK, N.	KB1H1DSPRFMYMCFXT09.	08/27/2018	05/29/2020	(100,087,785)	SPTR / (LIB3+22.000)			..(232,785)	..772,100		..772,100	..772,100				..(645,355)		
SPTR - USD LIBOR 3M + 0.23 BP MAT 02/27/2019 - FLT				BANK OF AMERICA, N.A	B4TYDEB6GKMZO031MB27..	12/31/2017	02/27/2019	..64,102,985	LIB3+23.000 / (SPTR)			..1,100,313	(17,472,490)		(17,472,490)	..(7,806,178)				..205,470		
SPTR - USD LIBOR 3M + 0.23 BP MAT 06/13/2019 - FLT				CITIBANK N.A....	E57ODZWZ7FF32TWEFA76..	09/11/2018	06/13/2019	..(64,043,819)	SPTR / (LIB3+23.000)			..(82,112)	..633,302		..633,302	..633,302				..(268,177)		
SPTR - USD LIBOR 3M + 0.235 BP MAT 09/02/2020 - FLT				CANADIAN IMPERIAL BA	2IG19DL77OX0HC3ZE78....	08/29/2018	09/02/2020	(120,833,958)	SPTR / (LIB3+23.500)			..(265,085)	..197,904		..197,904	..197,904				..(838,475)		
SPTR - USD LIBOR 3M + 0.24 BP MAT 03/23/2020 - FLT				WELLS FARGO BANK, N.	KB1H1DSPRFMYMCFXT09.	09/19/2018	03/23/2020	..73,500,163	LIB3+24.000 / (SPTR)			..52,948	(179,423)		(179,423)	..(179,423)				..447,001		
SPTR - USD LIBOR 3M + 0.29 BP MAT 02/22/2019 - FLT				WELLS FARGO BANK, N.	KB1H1DSPRFMYMCFXT09.	12/31/2017	02/22/2019	..126,797,940	LIB3+29.000 / (SPTR)			..2,225,531	(28,814,454)		(28,814,454)	(14,861,673)				..399,595		
SPTR - USD LIBOR 3M + 0.305 BP MAT 06/24/2019 - FLT				CANADIAN IMPERIAL BA	2IG19DL77OX0HC3ZE78....	12/31/2017	06/24/2019	..100,134,231	LIB3+30.500 / (SPTR)			..1,837,053	(21,762,119)		(21,762,119)	(11,678,831)				..428,215		
SPTR - USD LIBOR 3M + 0.31 BP MAT 06/11/2019 - FLT				BANK OF AMERICA, N.A	B4TYDEB6GKMZO031MB27..	12/31/2017	06/11/2019	..100,000,013	LIB3+31.000 / (SPTR)			..1,787,485	(23,045,877)		(23,045,877)	(11,466,436)				..417,100		
SPTR - USD LIBOR 3M + 0.31 BP MAT 07/22/2020 - FLT				GOLDMAN SACHS & CO,	W22LROWP21HZNB6K528....	12/31/2017	07/22/2020	..99,839,733	LIB3+31.000 / (SPTR)			..1,826,415	(21,192,129)		(21,192,129)	(21,192,129)				..671,781		
SPTR - USD LIBOR 3M + 0.34 BP MAT 09/10/2019 - FLT				CANADIAN IMPERIAL BA	2IG19DL77OX0HC3ZE78....	06/08/2018	09/10/2019	(131,170,080)	SPTR / (LIB3+34.000)			..(1,088,440)	..7,152,048		..7,152,048	..7,152,048				..(637,629)		
SPTR - USD LIBOR 3M + 0.34 BP MAT 09/12/2018 - FLT				CREDIT SUISSE INTERN	E58DKGMJYYYJLN8C3868....	12/31/2017	12/12/2018	..79,914,568	LIB3+34.000 / (SPTR)			..1,447,482	(16,622,750)		(16,622,750)	..(9,227,731)				..178,694		
SPTR - USD LIBOR 3M + 0.345 BP MAT 12/11/2019 - FLT				CANADIAN IMPERIAL BA	2IG19DL77OX0HC3ZE78....	12/31/2017	12/11/2019	..100,021,138	LIB3+34.500 / (SPTR)			..1,814,507	(20,630,330)		(20,630,330)	(11,513,891)				..547,213		
SPTR - USD LIBOR 3M + 0.355 BP MAT 08/15/2019 - FLT				CREDIT SUISSE INTERN	E58DKGMJYYYJLN8C3868....	12/31/2017	08/15/2019	..120,605,544	LIB3+33.500 / (SPTR)			..2,152,276	(17,713,143)		(17,713,143)	(13,221,103)				..563,750		
SPTR - USD LIBOR 3M + 0.4 BP MAT 09/12/2019 - FLT				BANK OF AMERICA, N.A	B4TYDEB6GKMZO031MB27..	12/31/2017	06/12/2019	..129,999,983	LIB3+40.000 / (SPTR)			..2,401,901	(15,619,962)		(15,619,962)	(13,805,961)				..543,297		
SPTR - USD LIBOR 3M + 0.42 BP MAT 08/08/2019				CITIBANK N.A....	E57ODZWZ7FF32TWEFA76..	02/06/2018	08/08/2019	..205,218,663	LIB3+42.000 / (SPTR)			..3,431,215	(19,554,795)		(19,554,795)	(19,554,795)				..948,676		
SPTR - USD LIBOR 3M + .20 BP MAT 08/26/2020				CANADIAN IMPERIAL BA	2IG19DL77OX0HC3ZE78....	08/24/2018	08/26/2020	..(49,872,963)	SPTR / (LIB3+20.000)			..(118,292)	..775,989		..775,989	..775,989				..(344,345)		
SPTR-US0003M - 40 BP M 06/12/2019.....				DEUTSCHE BANK SA	7LTWFZYICNSX8D621K86....	01/02/2018	06/12/2019	..(99,869,396)	SPTR / (LIB3+40.000)			..(1,842,514)	..9,635,622		..9,635,622	..9,635,622				..(417,375)		
SPTR-USD LIBOR 3M +38 BP MAT 09-11-2019				DEUTSCHE BANK SA	7LTWFZYICNSX8D621K86....	03/27/2018	09/11/2019	(107,114,045)	SPTR / (LIB3+38.000)			..(1,425,992)	..13,537,432		..13,537,432	..13,537,432				..(521,444)		

QE06.4

SCHEDULE DB - PART A - SECTION 1

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

1 Description	2 Description of Item(s) Hedged, Used for Income Generation or Replicated	3 Schedule / Exhibit Identifier	4 Type(s) of Risk(s) (a)	5 Exchange, Counterparty or Central Clearinghouse	6 Trade Date	7 Date of Maturity or Expiration	8 Number of Contracts	9 Notional Amount	10 Strike Price, Rate of Index Received (Paid)	11 Cumulative Prior Year(s) Initial Cost of Premium (Received) Paid	12 Current Year Initial Cost of Premium (Received) Paid	13 Current Year Income	14 Book/Adjusted Carrying Value	15 Code	16 Fair Value	17 Unrealized Valuation Increase (Decrease)	18 Total Foreign Exchange Change in B./A.C.V.	19 Current Year's (Amortization) / Accretion	20 Adjustment to Carrying Value of Hedged Items	21 Potential Exposure	22 Credit Quality of Reference Entity	23 Hedge Effectiveness at Inception and at Year-end (b)
SPTR- USD LIBOR 3M +41 BP MAT 02-12-2020				GOLDMAN SACHS & CO, W22LROWP2IHZNB6K528	02/09/2018	02/12/2020		102,339,820	LIB3+41.000 / (SPTR)			1,666,104	(12,928,620)		(12,928,620)	(12,928,620)				598,899		
SPTR- USD LIBOR 3M +42 BP MAT 02-13-2019				DEUTSCHE BANK SA 7LWTFZYICNSX8D621K86	02/09/2018	02/13/2019		(102,339,820)	(LIB3+42.000)			(1,711,795)	12,928,620		12,928,620	12,928,620				(312,347)		
SPTR- USD LIBOR 3M +43 BP MAT 12-11-2019				DEUTSCHE BANK SA 7LWTFZYICNSX8D621K86	02/20/2018	12/11/2019		(99,999,984)	(LIB3+43.000)			(1,586,580)	8,539,142		8,539,142	8,539,142				(547,097)		
SPTR- USD LIBOR 3M +49 BP MAT 02-10-2020				CANADIAN IMPERIAL BA 2IG19DL77OX0HC3ZE78	02/06/2018	02/10/2020		(205,218,663)	(LIB3+49.000)			(3,516,398)	19,554,795		19,554,795	19,554,795				(1,198,547)		
SPTR- USD LIBOR 3M +51.5 BP MAT 03-05-2019				DEUTSCHE BANK SA 7LWTFZYICNSX8D621K86	03/01/2018	03/05/2019		(99,525,420)	(LIB3+51.500)			(1,562,149)	9,979,598		9,979,598	9,979,598				(325,327)		
SPTR -USD3M LIBOR + 39 BP MAT 20190705				BANK OF AMERICA, N.A B4TYDEB6GKMZ0031MB27	01/02/2018	07/05/2019		(69,908,577)	(LIB3+39.000)			(1,313,471)	6,744,935		6,744,935	6,744,935				(305,054)		
USS0FE15- FEDL01 + 0.14 BP MAT 04/19/2019				BARCLAYS BANK NEW YO G5GSEF7VJP5I7OUK5573	04/12/2018	04/11/2019		(76,000,000)	912810RZ3 / (USD FF+14.000)			379,894	(2,610,324)		(2,610,324)	(2,610,324)				(276,322)		
XNDX - USD LIBOR 3M + 0.21 BP MAT 12/07/2018 - FLT				CANADIAN IMPERIAL BA 2IG19DL77OX0HC3ZE78	12/31/2017	12/07/2018		20,000,016	LIB3+21.000 / (XNDX)			340,962	(12,820,903)		(12,820,903)	(5,511,490)				43,163		
XNDX - USD LIBOR 3M + 0.23 BP MAT 09/16/2020 - FLT				CITIBANK N.A.... E57ODZWZ7FF32TWEFA76	09/12/2018	09/16/2020		32,235,039	LIB3+23.000 / (XNDX)			38,991	(610,299)		(610,299)	(610,299)				225,897		
XNDX- USD LIBOR 3M +48 BP MAT 02/05/2019				JP MORGAN CHASE BK, 7H6GLXDRUGQUF57RNE97	02/01/2018	02/05/2019		49,740,884	LIB3+48.000 / (XNDX)			863,279	(5,640,927)		(5,640,927)	(5,640,927)				147,279		
0949999. Total-Swaps-Hedging Other-Total Return										0	0	8,499,800	(147,069,522)	XX	(147,069,522)	(67,518,967)	0	0	0	405,429	XXX	XXX
Swaps - Hedging Other - Other																						
ILS_USD_PAY_2.64_REC_CPURNSA_04/26/2013_04/30/2023				DEUTSCHE BANK SA 7LWTFZYICNSX8D621K86	12/31/2017	04/30/2023		50,000,000	CPURNSA / (2.640)			(24,607)	(2,153,288)		(2,153,288)	739,089				535,231		
SL103V5P CONTRACT SWCOIR				CREDIT SUISSE INTERN E58DKGMJYYYJLN8C3868	12/31/2017	04/29/2023		75,000,000	CPURNSA / (2.660)			(53,338)	(3,300,914)		(3,300,914)	1,012,746				802,607		
0959999. Total-Swaps-Hedging Other-Other										0	0	(77,945)	(5,454,202)	XX	(5,454,202)	1,751,835	0	0	0	1,337,838	XXX	XXX
0969999. Total-Swaps-Hedging Other										230,452	0	(3,045,193)	(208,155,824)	XX	(208,155,824)	(50,158,638)	0	0	0	95,676,794	XXX	XXX
1159999. Total-Swaps-Interest Rate										(2,248)	0	(11,367,615)	(55,336,844)	XX	(55,336,844)	15,510,774	0	0	0	93,562,053	XXX	XXX
1169999. Total-Swaps-Credit Default										232,700	0	(190,278)	(231,776)	XX	(231,776)	161,200	0	0	0	24,655	XXX	XXX
1179999. Total-Swaps-Foreign Exchange										0	0	90,845	(63,480)	XX	(63,480)	(63,480)	0	0	0	346,819	XXX	XXX
1189999. Total-Swaps-Total Return										0	0	8,499,800	(147,069,522)	XX	(147,069,522)	(67,518,967)	0	0	0	405,429	XXX	XXX
1199999. Total-Swaps-Other										0	0	(77,945)	(5,454,202)	XX	(5,454,202)	1,751,835	0	0	0	1,337,838	XXX	XXX
1209999. Total-Swaps										230,452	0	(3,045,193)	(208,155,824)	XX	(208,155,824)	(50,158,638)	0	0	0	95,676,794	XXX	XXX
Forwards - Hedging Other																						
US T-LOCK 912810SC3 99.195158 06/07/19				BANK OF AMERICA, N.A B4TYDEB6GKMZ0031MB27	06/06/2018	06/07/2019		27,000,000	99.1950				(269,899)		(269,899)	(269,899)				111,727		
US TREASURY LOCK 30Y M 5/6/2019 OTC				BANK OF AMERICA, N.A B4TYDEB6GKMZ0031MB27	05/03/2018	05/06/2019		44,000,000	92.3500				(488,339)		(488,339)	(488,339)				170,022		
12229999. Total-Forwards-Hedging Other										0	0	0	(758,238)	XX	(758,238)	(758,238)	0	0	0	281,749	XXX	XXX
1269999. Total-Forwards										0	0	0	(758,238)	XX	(758,238)	(758,238)	0	0	0	281,749	XXX	XXX
1409999. Total-Hedging Other										230,452	(2,266,541)	(3,045,193)	(211,628,407)	XX	(211,628,407)	(51,364,681)	0	0	0	95,958,543	XXX	XXX

QE06.5

SCHEDULE DB - PART A - SECTION 1

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule / Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate of Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Premium (Received) Paid	Current Year Initial Cost of Premium (Received) Paid	Current Year Income	Book/Adjusted Carrying Value	C o d e	Fair Value	Unrealized Valuation Increase (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization) / Accretion	Adjustment to Carrying Value of Hedged Items	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Year-end (b)
1449999. TOTAL										230,452	(2,266,541)	(3,045,193)	(211,628,407)	XX	(211,628,407)	(51,364,681)	0	0	0	95,958,543	XXX	XXX

QE06.6

SCHEDULE DB - PART B - SECTION 1

Futures Contracts Open as of the Current Statement Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	Highly Effective Hedges			18	19	20	21	22
														15	16	17					
Ticker Symbol	Number of Contracts	Notional Amount	Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule / Exhibit Identifier	Type(s) of Risk(s) (a)	Date of Maturity or Expiration	Exchange	Trade Date	Transaction Price	Reporting Date Price	Fair Value	Book/Adjusted Carrying Value	Cumulative Variation Margin	Deferred Variation Margin	Change in Variation Margin Gain (Loss) Used to Adjust Basis of Hedged Item	Cumulative Variation Margin for All Other Hedges	Change in Variation Margin Gain (Loss) Recognized in Current Year	Potential Exposure	Hedge Effectiveness at Inception and at Year-end (b)	Value of One (1) Point
Long Futures																					
Hedging Other																					
EDH0.....	1,000	2,500,000	90DAY EURODOLLAR FUTURE (CME) EXP MAR 20				03/16/2020	CME	SNZ2OJLKF8MNNCLQOF3 9	08/31/2018	97.0450	96.8350	50,000				(525,000)	(525,000)			2,500
EDZ9.....	4,000	#####	90DAY EURODOLLAR FUTURE (CME) EXP DEC 19				12/16/2019	CME	SNZ2OJLKF8MNNCLQOF3 9	03/22/2018	97.1040	96.8600	200,000				(2,437,500)	(2,437,500)			2,500
MFSZ8.....	100	5,000	MSCI EAFE FUTURE (NYF) EXP DEC 18				12/21/2018	ICE	5493000F4ZO33MV32P92	09/27/2018	1,995.6490	1,975.5000	(88,500)				(100,745)	(100,745)			50
12829999. Total-Long Futures-Hedging Other.....												161,500	0	0	0	(3,063,245)	(3,063,245)	0	XXX	XXX	
1329999. Total-Long Futures.....												161,500	0	0	0	(3,063,245)	(3,063,245)	0	XXX	XXX	
Short Futures																					
Hedging Other																					
EDZ0.....	4,000	#####	90DAY EURO\$ FUTURE (CME) EXP DEC 20				12/14/2020	CME	SNZ2OJLKF8MNNCLQOF3 9	03/22/2018	97.0360	96.8350	(150,000)				2,012,500	2,012,500			2,500
ESZ8.....	200	10,000	S & P 500 EMINI INDEX FUT(CME) EXP DEC 18				12/21/2018	CME	SNZ2OJLKF8MNNCLQOF3 9	09/18/2018	2,916.0000	2,919.0000	9,000				(30,000)	(30,000)			50
13429999. Total-Short Futures-Hedging Other.....												(141,000)	0	0	0	1,982,500	1,982,500	0	XXX	XXX	
1389999. Total-Short Futures.....												(141,000)	0	0	0	1,982,500	1,982,500	0	XXX	XXX	
1409999. Total-Hedging Other.....												20,500	0	0	0	(1,080,745)	(1,080,745)	0	XXX	XXX	
1449999. TOTAL.....												20,500	0	0	0	(1,080,745)	(1,080,745)	0	XXX	XXX	

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Broker Name	Beginning Cash Balance	Cumulative Cash Change	Ending Cash Balance
BANK OF AMERICA MERR	37,500	(37,500)	
WELLS FARGO BANK	335,000	(335,000)	
Total Net Cash Deposits.....	372,500	(372,500)	0

SCHEDULE DB - PART D - SECTION 1
Counterparty Exposure for Derivative Instruments Open as of Current Statement Date

1 Description of Exchange, Counterparty or Central Clearinghouse	2 Master Agreement (Y or N)	3 Credit Support Annex (Y or N)	4 Fair Value of Acceptable Collateral	Book Adjusted Carrying Value			Fair Value			11 Potential Exposure	12 Off-Balance Sheet Exposure	
				5 Contracts with Book/Adjusted Carrying Value > 0	6 Contracts with Book/Adjusted Carrying Value < 0	7 Exposure Net of Collateral	8 Contracts with Fair Value > 0	9 Contracts with Fair Value < 0	10 Exposure Net of Collateral			
Exchange Traded Derivatives												
0199999. Aggregate Sum of Exchange Traded.....	XXX	XXX	XXX	2,085,000		2,085,000	259,000	(238,500)	259,000	2,085,000	2,085,000	
NAIC 1 Designation												
BANK OF AMERICA, N.A.....	B4TYDEB6GKMZO031MB27	Y.....	Y.....		6,945,427	(57,151,684)	0	6,945,427	(57,151,684)	0	1,350,878	0
BARCLAYS BANK NEW YO.....	G5GSEF7VJP5I7OUK5573...	Y.....	Y.....			(6,961,739)	0		(6,961,739)	0	(13,873)	0
CANADIAN IMPERIAL BA.....	2IGI19DL77OX0HC3ZE78....	Y.....	Y.....		27,680,736	(55,464,744)	0	27,680,736	(55,464,744)	0	(2,000,406)	0
CITIBANK N.A.....	E57ODZWZ7FF32TWEFA76	Y.....	Y.....		776,710	(21,290,701)	0	776,710	(21,290,701)	0	1,069,553	0
Credit Suisse Intern.....	E58DKGMJYYYJLN8C3868..	Y.....	Y.....			(37,636,808)	0		(37,636,808)	0	1,545,051	0
DEUTSCHE BANK SA.....	7LTFWZYICNSX8D621K86...	Y.....	Y.....	59,050,000	65,346,382	(2,153,288)	4,143,094	65,346,382	(2,153,288)	4,143,094	(2,214,400)	0
GOLDMAN SACHS & CO.....	W22LROWP2IHZNBB6K528.	Y.....	Y.....		130,322	(35,148,983)	0	130,322	(35,148,983)	0	1,449,243	0
JP MORGAN CHASE BK.....	7H6GLXDRUGQFU57RNE97	Y.....	Y.....			(13,141,419)	0		(13,141,419)	0	1,009,202	0
WELLS FARGO BANK, N.....	KB1H1DSPRFMYMCUFXT09	Y.....	Y.....		772,100	(28,993,877)	0	772,100	(28,993,877)	0	201,241	0
0299999. Total NAIC 1 Designation.....				59,050,000	101,651,677	(257,943,243)	4,143,094	101,651,677	(257,943,243)	4,143,094	2,396,489	0
0899999. Aggregate Sum of Central Clearinghouse.....	XXX	XXX	XXX		110,523,437	(167,945,279)	0	114,095,311	(169,432,153)	0	93,562,053	36,140,211
0999999. Gross Totals.....				59,050,000	214,260,114	(425,888,522)	6,228,094	216,005,988	(427,613,896)	4,402,094	98,043,542	38,225,211
1. Offset per SSAP No. 64.....												
2. Net after right of offset per SSAP No. 64.....					214,260,114	(425,888,522)						

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SCHEDULE DB - PART D - SECTION 2

Collateral for Derivative Instruments Open as of Current Statement Date

1	2	3	4	5	6	7	8	9
Exchange, Counterparty or Central Clearinghouse	Type of Asset Pledged	CUSIP Identification	Description	Fair Value	Par Value	Book/Adjusted Carrying Value	Maturity Date	Type of Margin (I, V or IV)
Collateral Pledged by Reporting Entity								
LCH.....	F226TOH6YD6XJB17KS62....	CASH.....	CASHUSD.....	57,678,938	57,678,938	57,678,938		V.....
BARCLAYS BANK NEW YO.....	G5GSEF7VJP517OUK5573....	CASH.....	CASHUSD.....	7,850,000	7,850,000	7,850,000		V.....
CANADIAN IMPERIAL BA.....	2IGI19DL77OX0HC3ZE78....	CASH.....	CASHUSD.....	30,160,000	30,160,000	30,160,000		V.....
CREDIT SUISSE INTERN.....	E58DKGMJYYYJLN8C3868....	CASH.....	CASHUSD.....	2,420,000	2,420,000	2,420,000		V.....
LCH.....	F226TOH6YD6XJB17KS62....	CASH.....	CASHUSD.....	2,471,974	2,471,974	2,471,974		IV.....
CITIBANK N.A.....	E57ODZWZ7FF32TWEFA76....	CASH.....	CASHUSD.....	551,244	551,244	551,244		V.....
BANK OF AMERICA, N.A.....	B4TYDEB6GKMZO031MB27....	CASH.....	CASHUSD.....	32,807,000	32,807,000	32,807,000		V.....
GOLDMAN SACHS & CO.....	KD3XUN7C6T14HNAYLU02....	CASH.....	CASHUSD.....	3,600,000	3,600,000	3,600,000		V.....
CME.....	SNZ2QJLJK8MNNCLQOF39....	CASH.....	CASHUSD.....	2,085,000	2,085,000	2,085,000		I.....
LCH.....	F226TOH6YD6XJB17KS62....	LOAN-BACKED AND STRUCTURED.....	GINNIE MAE I POOL.....	1,601,758	1,574,333	1,501,862	06/01/2039.	V.....
WELLS FARGO BANK, N.....	KB1H1DSPRFMYMCFXT09....	TREASURY.....	UNITED STATES TREASURY INFLATION INDEXED BONDS.....	10,495,521	10,000,000	11,034,264	02/15/2046.	V.....
LCH.....	F226TOH6YD6XJB17KS62....	TREASURY.....	UNITED STATES TREASURY INFLATION INDEXED BONDS.....	115,450,736	110,000,000	120,930,368	02/15/2046.	V.....
CREDIT SUISSE INTERN.....	E58DKGMJYYYJLN8C3868....	TREASURY.....	UNITED STATES TREASURY INFLATION INDEXED BONDS.....	14,972,409	15,000,000	15,508,830	02/15/2047.	V.....
CITIBANK N.A.....	E57ODZWZ7FF32TWEFA76....	TREASURY.....	UNITED STATES TREASURY INFLATION INDEXED BONDS.....	19,683,207	20,000,000	20,490,353	07/15/2027.	V.....
MORGAN J P SECS, NEW.....	7H6GLXDRUGQU57RNE97....	TREASURY.....	UNITED STATES TREASURY INFLATION INDEXED BONDS.....	15,746,566	16,000,000	16,346,733	07/15/2027.	V.....
BANK OF AMERICA, N.A.....	B4TYDEB6GKMZO031MB27....	TREASURY.....	UNITED STATES TREASURY INFLATION INDEXED BONDS.....	20,667,368	21,000,000	21,464,600	07/15/2027.	V.....
CREDIT SUISSE INTERN.....	E58DKGMJYYYJLN8C3868....	TREASURY.....	UNITED STATES TREASURY INFLATION INDEXED BONDS.....	24,604,009	25,000,000	25,541,770	07/15/2027.	V.....
GOLDMAN SACHS & CO.....	KD3XUN7C6T14HNAYLU02....	TREASURY.....	UNITED STATES TREASURY NOTE/BOND.....	29,570,689	29,668,000	29,677,551	07/31/2020.	V.....
WELLS FARGO BANK, N.....	KB1H1DSPRFMYMCFXT09....	TREASURY.....	UNITED STATES TREASURY NOTE/BOND.....	20,169,626	20,236,000	20,232,057	07/31/2020.	V.....
0199999. Totals.....				412,586,045	408,102,489	422,352,544	XXX	XXX
Collateral Pledged to Reporting Entity								
DEUTSCHE BANK SA.....	7LTWFZYICNSX8D621K86....	CASH.....	CASHUSD.....	59,050,000	59,050,000	XXX		V.....
0299999. Totals.....				59,050,000	59,050,000	XXX	XXX	XXX

QE09

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

Reinvested Collateral Assets Owned Current Statement Date

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

1	2	3	4	5	6	7
CUSIP Identification	Description	Code	NAIC Designation / Market Indicator	Fair Value	Book/Adjusted Carrying Value	Maturity Date

General Interrogatories:

1. The activity for the year: Fair Value \$.....0 Book/Adjusted Carrying Value \$.....0
2. Average balance for the year: Fair Value \$.....0 Book/Adjusted Carrying Value \$.....0
3. Reinvested securities lending collateral assets book/adjusted carrying value included in this schedule by NAIC designation:
 NAIC 1: \$.....0 NAIC 2: \$.....0 NAIC 3: \$.....0 NAIC 4: \$.....0 NAIC 5: \$.....0 NAIC 6: \$.....0

**SCHEDULE DL - PART 2
SECURITIES LENDING COLLATERAL ASSETS**

Reinvested Collateral Assets Owned Current Statement Date

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

1	2	3	4	5	6	7
CUSIP Identification	Description	Code	NAIC Designation / Market Indicator	Fair Value	Book/Adjusted Carrying Value	Maturity Date

General Interrogatories:

1. The activity for the year: Fair Value \$.....0 Book/Adjusted Carrying Value \$.....0
2. Average balance for the year: Fair Value \$.....0 Book/Adjusted Carrying Value \$.....0

SCHEDULE E - PART 1 - CASH

Month End Depository Balances

1 Depository	2 Code	3 Rate of Interest	4 Amount of Interest Received During Current Quarter	5 Amount of Interest Accrued at Current Statement Date	Book Balance at End of Each Month During Current Quarter			9 *	
					6 First Month	7 Second Month	8 Third Month		
Open Depositories									
State Street.....	Kansas City, MO.....								XXX
JP Morgan Chase.....	Springfield, IL.....				4,598,520	6,537,038	6,884,441		XXX
Northern Trust.....	Chicago, IL.....				55,714	56,617	64,700		XXX
PNC Bank.....	Philadelphia, PA.....				(7,592,605)	(4,159,608)	3,138,262		XXX
JP Morgan Futures Excess.....					48,057	47,841	47,628		XXX
Bank of America Merrill Lynch.....	O.....								XXX
Bank of America Merrill Lynch.....					193,125	140,000			XXX
Bank of America.....					300,375	298,721	669,874		XXX
Wells Fargo.....	Minneapolis, MN.....				204,953	199,497	152,888		XXX
FHLB.....	Pittsburgh, PA.....				2,557,373	164,943	165,144		XXX
0199999. Total Open Depositories.....	XXX	XXX	0	0	365,512	3,285,049	11,122,937		XXX
0399999. Total Cash on Deposit.....	XXX	XXX	0	0	365,512	3,285,049	11,122,937		XXX
0599999. Total Cash.....	XXX	XXX	0	0	365,512	3,285,049	11,122,937		XXX

SCHEDULE E - PART 2 - CASH EQUIVALENTS

Show Investments Owned End of Current Quarter

1 CUSIP	2 Description	3 Code	4 Date Acquired	5 Rate of Interest	6 Maturity Date	7 Book/Adjusted Carrying Value	8 Amount of Interest Due & Accrued	9 Amount Received During Year
Exempt Money Market Mutual Funds as Identified by the SVO								
38141W 27 3	GOLDMAN SACHS FINANCIAL SQUARE FUNDS - G.....		09/28/2018.....			65,637,805		134,853
09248U 70 0	BLACKROCK FEDFUND.....		09/28/2018.....			54,292,612		
8599999	Total - Exempt Money Market Mutual Funds as Identified by the SVO.....					119,930,417	0	134,853
8899999	Total - Cash Equivalents.....					119,930,417	0	134,853

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