



QUARTERLY STATEMENT

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

ARCH MORTGAGE INSURANCE COMPANY

NAIC Group Code.....1279, 1279 (Current Period) (Prior Period)	NAIC Company Code..... 40266	Employer's ID Number..... 36-3105660
Organized under the Laws of WI	State of Domicile or Port of Entry WI	Country of Domicile US
Incorporated/Organized..... December 30, 1980	Commenced Business..... December 31, 1981	
Statutory Home Office	33 East Main Street, Suite 900 .. Madison .. WI .. US .. 53703 <i>(Street and Number) (City or Town, State, Country and Zip Code)</i>	
Main Administrative Office	230 North Elm Street .. Greensboro .. NC .. US .. 27401 <i>(Street and Number) (City or Town, State, Country and Zip Code)</i>	336-373-0232 <i>(Area Code) (Telephone Number)</i>
Mail Address	Post Office Box 20597 .. Greensboro .. NC .. US .. 27420 <i>(Street and Number or P. O. Box) (City or Town, State, Country and Zip Code)</i>	
Primary Location of Books and Records	230 North Elm Street .. Greensboro .. NC .. US .. 27401 <i>(Street and Number) (City or Town, State, Country and Zip Code)</i>	336-373-0232 <i>(Area Code) (Telephone Number)</i>
Internet Web Site Address	www.archmi.com	
Statutory Statement Contact	Jeffrey Wayne Shaw <i>(Name)</i>	336-412-0800 <i>(Area Code) (Telephone Number) (Extension)</i>
	statutoryaccountingteam@archmi.com <i>(E-Mail Address)</i>	336-217-4402 <i>(Fax Number)</i>

OFFICERS

Name	Title	Name	Title
1. David Evan Gansberg	President & Chief Executive Officer	2. Sara Fitzgerald Millard	Executive Vice President, General Counsel & Secretary
3. Thomas Harrison Jeter	Executive Vice President & Chief Financial Officer	4. Brian Joseph Smith	Senior Vice President & Controller

OTHER

Cheryl Ann Feltgen	Executive Vice President & Chief Risk Officer	John Edward Gaines	Executive Vice President, Chief Credit & Pricing Officer
Carl Edward Tyree #	Executive Vice President & Chief Sales Officer	David William McLaughry	Senior Vice President & Chief Actuary
James Heath Taylor	Vice President & Treasurer		

DIRECTORS OR TRUSTEES

Andrew Thomas Rippert	Dennis Robert Brand	David Evan Gansberg	Thomas Harrison Jeter
Cheryl Ann Feltgen	John Edward Gaines		

State of..... North Carolina
County of..... Guilford

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) David Evan Gansberg 1. (Printed Name) President & Chief Executive Officer _____ (Title)	_____ (Signature) Sara Fitzgerald Millard 2. (Printed Name) Executive Vice President, General Counsel & Secretary _____ (Title)	_____ (Signature) Thomas Harrison Jeter 3. (Printed Name) Executive Vice President & Chief Financial Officer _____ (Title)
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Subscribed and sworn to before me
This _____ day of _____

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

Donna O. Robbins, Notary Public

November 26, 2021

ASSETS

	Current Statement Date			4 December 31 Prior Year Net Admitted Assets
	1 Assets	2 Nonadmitted Assets	3 Net Admitted Assets (Cols. 1 - 2)	
1. Bonds.....	1,948,340,821		1,948,340,821	1,760,547,673
2. Stocks:				
2.1 Preferred stocks.....			0	
2.2 Common stocks.....	32,743,058	32,743,058	0	
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).....			0	
4.2 Properties held for the production of income (less \$.....0 encumbrances).....			0	
4.3 Properties held for sale (less \$.....0 encumbrances).....	247,000		247,000	
5. Cash (\$.....8,190,712), cash equivalents (\$.....58,581,280) and short-term investments (\$.....8,787,825).....	75,559,817		75,559,817	114,110,743
6. Contract loans (including \$.....0 premium notes).....			0	
7. Derivatives.....			0	
8. Other invested assets.....			0	
9. Receivables for securities.....	100,000		100,000	
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).....	2,056,990,696	32,743,058	2,024,247,638	1,874,658,416
13. Title plants less \$.....0 charged off (for Title insurers only).....			0	
14. Investment income due and accrued.....	13,897,502		13,897,502	10,543,562
15. Premiums and considerations:				
15.1 Uncollected premiums and agents' balances in the course of collection.....	103,529,261		103,529,261	180,519,244
15.2 Deferred premiums, agents' balances and installments booked but deferred and not yet due (including \$.....0 earned but unbilled premiums).....			0	
15.3 Accrued retrospective premiums (\$.....0) and contracts subject to redetermination (\$.....0).....			0	
16. Reinsurance:				
16.1 Amounts recoverable from reinsurers.....	2,664,105		2,664,105	6,972,775
16.2 Funds held by or deposited with reinsured companies.....			0	
16.3 Other amounts receivable under reinsurance contracts.....			0	
17. Amounts receivable relating to uninsured plans.....			0	
18.1 Current federal and foreign income tax recoverable and interest thereon.....			0	
18.2 Net deferred tax asset.....	179,389,050	110,889,143	68,499,907	61,556,337
19. Guaranty funds receivable or on deposit.....			0	
20. Electronic data processing equipment and software.....			0	
21. Furniture and equipment, including health care delivery assets (\$.....0).....			0	
22. Net adjustment in assets and liabilities due to foreign exchange rates.....			0	
23. Receivables from parent, subsidiaries and affiliates.....			0	5,126
24. Health care (\$.....0) and other amounts receivable.....			0	
25. Aggregate write-ins for other than invested assets.....	1,685,131	1,672,343	12,788	306,776
26. Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 through 25).....	2,358,155,745	145,304,544	2,212,851,201	2,134,562,236
27. From Separate Accounts, Segregated Accounts and Protected Cell Accounts.....			0	
28. Total (Lines 26 and 27).....	2,358,155,745	145,304,544	2,212,851,201	2,134,562,236

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. Other receivables.....	12,788		12,788	306,776
2502. Licenses purchased.....	1,672,343	1,672,343	0	
2503.....			0	
2598. Summary of remaining write-ins for Line 25 from overflow page.....	0	0	0	0
2599. Totals (Lines 2501 thru 2503 plus 2598) (Line 25 above).....	1,685,131	1,672,343	12,788	306,776

LIABILITIES, SURPLUS AND OTHER FUNDS

	1 Current Statement Date	2 December 31 Prior Year
1. Losses (current accident year \$....44,788,818).....	173,899,757	206,917,894
2. Reinsurance payable on paid losses and loss adjustment expenses.....	17,049,738	58,894,993
3. Loss adjustment expenses.....	9,032,209	9,742,721
4. Commissions payable, contingent commissions and other similar charges.....		
5. Other expenses (excluding taxes, licenses and fees).....	738,608	757,762
6. Taxes, licenses and fees (excluding federal and foreign income taxes).....	3,465,522	3,751,346
7.1 Current federal and foreign income taxes (including \$....(2,423,773) on realized capital gains (losses)).....	4,560,043	
7.2 Net deferred tax liability.....		
8. Borrowed money \$.....0 and interest thereon \$.....0.....		
9. Unearned premiums (after deducting unearned premiums for ceded reinsurance of \$....130,628,744 and including warranty reserves of \$.....0 and accrued accident and health experience rating refunds including \$.....0 for medical loss ratio rebate per the Public Health Service Act).....	173,756,028	209,059,241
10. Advance premium.....	132,441	132,423
11. Dividends declared and unpaid:		
11.1 Stockholders.....		
11.2 Policyholders.....		
12. Ceded reinsurance premiums payable (net of ceding commissions).....	111,839,012	114,922,477
13. Funds held by company under reinsurance treaties.....	67,699,590	67,801,459
14. Amounts withheld or retained by company for account of others.....		
15. Remittances and items not allocated.....	372,198	86,409
16. Provision for reinsurance (including \$.....0 certified).....		
17. Net adjustments in assets and liabilities due to foreign exchange rates.....		
18. Drafts outstanding.....		
19. Payable to parent, subsidiaries and affiliates.....	55,171,213	57,222,152
20. Derivatives.....		
21. Payable for securities.....	2,858,556	
22. Payable for securities lending.....		
23. Liability for amounts held under uninsured plans.....		
24. Capital notes \$.....0 and interest thereon \$.....0.....		
25. Aggregate write-ins for liabilities.....	1,069,961,453	933,341,444
26. Total liabilities excluding protected cell liabilities (Lines 1 through 25).....	1,690,536,370	1,662,630,321
27. Protected cell liabilities.....		
28. Total liabilities (Lines 26 and 27).....	1,690,536,370	1,662,630,321
29. Aggregate write-ins for special surplus funds.....	0	0
30. Common capital stock.....	2,750,000	2,750,000
31. Preferred capital stock.....		
32. Aggregate write-ins for other than special surplus funds.....	0	0
33. Surplus notes.....	49,500,000	49,500,000
34. Gross paid in and contributed surplus.....	429,682,007	426,283,210
35. Unassigned funds (surplus).....	40,382,825	(6,601,295)
36. Less treasury stock, at cost:		
36.1 .....0.000 shares common (value included in Line 30 \$.....0).....		
36.2 .....0.000 shares preferred (value included in Line 31 \$.....0).....		
37. Surplus as regards policyholders (Lines 29 to 35, less 36).....	522,314,832	471,931,915
38. Totals (Page 2, Line 28, Col. 3).....	2,212,851,201	2,134,562,236

DETAILS OF WRITE-INS

2501. Contingency reserve.....	1,052,943,122	920,734,999
2502. Reserve for escheatable and stale checks.....	223,772	209,353
2503. Premium refund reserve.....	218,696	192,746
2598. Summary of remaining write-ins for Line 25 from overflow page.....	16,575,864	12,204,347
2599. Totals (Lines 2501 thru 2503 plus 2598) (Line 25 above).....	1,069,961,453	933,341,444
2901.		
2902.		
2903.		
2998. Summary of remaining write-ins for Line 29 from overflow page.....	0	0
2999. Totals (Lines 2901 thru 2903 plus 2998) (Line 29 above).....	0	0
3201.		
3202.		
3203.		
3298. Summary of remaining write-ins for Line 32 from overflow page.....	0	0
3299. Totals (Lines 3201 thru 3203 plus 3298) (Line 32 above).....	0	0

STATEMENT OF INCOME

	1 Current Year to Date	2 Prior Year to Date	3 Prior Year Ended December 31
UNDERWRITING INCOME			
1. Premiums earned:			
1.1 Direct..... (written \$....372,058,435).....	348,659,034	203,319,645	294,626,731
1.2 Assumed..... (written \$....229,244,518).....	264,215,971	83,369,965	180,025,222
1.3 Ceded..... (written \$....372,189,922).....	348,458,760	139,967,899	238,325,318
1.4 Net..... (written \$....229,113,032).....	264,416,245	146,721,711	236,326,635
DEDUCTIONS:			
2. Losses incurred (current accident year \$....45,461,521):			
2.1 Direct.....	10,274,601	15,509,845	22,542,502
2.2 Assumed.....	22,498,466	(10,276,403)	28,469,394
2.3 Ceded.....	10,038,465	11,556,793	18,393,698
2.4 Net.....	22,734,602	(6,323,351)	32,618,197
3. Loss adjustment expenses incurred.....	1,026,515	23,658,315	8,934,723
4. Other underwriting expenses incurred.....	53,266,986	39,268,499	71,835,409
5. Aggregate write-ins for underwriting deductions.....	132,208,122	73,360,856	118,163,317
6. Total underwriting deductions (Lines 2 through 5).....	209,236,225	129,964,319	231,551,646
7. Net income of protected cells.....			
8. Net underwriting gain (loss) (Line 1 minus Line 6 + Line 7).....	55,180,019	16,757,392	4,774,989
INVESTMENT INCOME			
9. Net investment income earned.....	31,004,919	370,809	8,043,407
10. Net realized capital gains (losses) less capital gains tax of \$....(2,423,773).....	(9,118,004)	510,252	(514,338)
11. Net investment gain (loss) (Lines 9 + 10).....	21,886,915	881,061	7,529,069
OTHER INCOME			
12. Net gain or (loss) from agents' or premium balances charged off (amount recovered \$.....0 amount charged off \$.....0).....	0		
13. Finance and service charges not included in premiums.....			
14. Aggregate write-ins for miscellaneous income.....	0	94,053	94,052
15. Total other income (Lines 12 through 14).....	0	94,053	94,052
16. Net income before dividends to policyholders, after capital gains tax and before all other federal and foreign income taxes (Lines 8 + 11 + 15).....	77,066,934	17,732,506	12,398,111
17. Dividends to policyholders.....			
18. Net income, after dividends to policyholders, after capital gains tax and before all other federal and foreign income taxes (Line 16 minus Line 17).....	77,066,934	17,732,506	12,398,111
19. Federal and foreign income taxes incurred.....	33,373,818	(274,752)	276,951
20. Net income (Line 18 minus Line 19) (to Line 22).....	43,693,116	18,007,258	12,121,160
CAPITAL AND SURPLUS ACCOUNT			
21. Surplus as regards policyholders, December 31 prior year.....	471,931,915	155,506,621	155,506,622
22. Net income (from Line 20).....	43,693,116	18,007,258	12,121,160
23. Net transfers (to) from Protected Cell accounts.....			
24. Change in net unrealized capital gains or (losses) less capital gains tax of \$....(66,735).....	(287,520)	(25,203)	(30,263)
25. Change in net unrealized foreign exchange capital gain (loss).....			
26. Change in net deferred income tax.....	16,361,164	211,049,881	107,745,335
27. Change in nonadmitted assets.....	(12,782,640)	27,217,952	(69,261,013)
28. Change in provision for reinsurance.....			
29. Change in surplus notes.....			
30. Surplus (contributed to) withdrawn from protected cells.....			
31. Cumulative effect of changes in accounting principles.....			
32. Capital changes:			
32.1 Paid in.....			
32.2 Transferred from surplus (Stock Dividend).....			
32.3 Transferred to surplus.....			
33. Surplus adjustments:			
33.1 Paid in.....	3,398,797	265,028,427	265,850,075
33.2 Transferred to capital (Stock Dividend).....			
33.3 Transferred from capital.....			
34. Net remittances from or (to) Home Office.....			
35. Dividends to stockholders.....			
36. Change in treasury stock.....			
37. Aggregate write-ins for gains and losses in surplus.....	0	0	0
38. Change in surplus as regards policyholders (Lines 22 through 37).....	50,382,917	521,278,315	316,425,294
39. Surplus as regards policyholders, as of statement date (Lines 21 plus 38).....	522,314,832	676,784,936	471,931,915
DETAILS OF WRITE-INS			
0501. Change in contingency reserves.....	132,208,122	73,360,856	118,163,317
0502.			
0503.			
0598. Summary of remaining write-ins for Line 5 from overflow page.....	0	0	0
0599. Totals (Lines 0501 thru 0503 plus 0598) (Line 5 above).....	132,208,122	73,360,856	118,163,317
1401. Other rent.....		94,053	94,052
1402.			
1403.			
1498. Summary of remaining write-ins for Line 14 from overflow page.....	0	0	0
1499. Totals (Lines 1401 thru 1403 plus 1498) (Line 14 above).....	0	94,053	94,052
3701.			
3702.			
3703.			
3798. Summary of remaining write-ins for Line 37 from overflow page.....	0	0	0
3799. Totals (Lines 3701 thru 3703 plus 3798) (Line 37 above).....	0	0	0

ARCH MORTGAGE INSURANCE COMPANY

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.....	303,045,518	302,029,665	344,051,953
2. Net investment income.....	33,086,564	(2,247,664)	8,487,098
3. Miscellaneous income.....	94,053	94,053	94,052
4. Total (Lines 1 through 3).....	336,132,081	299,876,054	352,633,104
5. Benefit and loss related payments.....	93,289,324	(207,263,681)	(208,536,488)
6. Net transfers to Separate Accounts, Segregated Accounts and Protected Cell Accounts.....			
7. Commissions, expenses paid and aggregate write-ins for deductions.....	50,897,105	49,541,020	204,313,408
8. Dividends paid to policyholders.....			
9. Federal and foreign income taxes paid (recovered) net of \$.....(2,423,773) tax on capital gains (losses).....	26,390,002		
10. Total (Lines 5 through 9).....	170,576,432	(157,722,661)	(4,223,079)
11. Net cash from operations (Line 4 minus Line 10).....	165,555,650	457,598,715	356,856,183
CASH FROM INVESTMENTS			
12. Proceeds from investments sold, matured or repaid:			
12.1 Bonds.....	1,161,743,295	253,733,725	626,016,641
12.2 Stocks.....			1,670,253
12.3 Mortgage loans.....			
12.4 Real estate.....	462,178	232,750	232,750
12.5 Other invested assets.....			
12.6 Net gains or (losses) on cash, cash equivalents and short-term investments.....			(393)
12.7 Miscellaneous proceeds.....			
12.8 Total investment proceeds (Lines 12.1 to 12.7).....	1,162,205,473	253,966,475	627,919,252
13. Cost of investments acquired (long-term only):			
13.1 Bonds.....	1,363,712,979	1,334,737,209	1,909,171,469
13.2 Stocks.....			4,561,502
13.3 Mortgage loans.....			
13.4 Real estate.....	793,250		
13.5 Other invested assets.....			
13.6 Miscellaneous applications.....			
13.7 Total investments acquired (Lines 13.1 to 13.6).....	1,364,506,229	1,334,737,209	1,913,732,971
14. Net increase or (decrease) in contract loans and premium notes.....			
15. Net cash from investments (Line 12.8 minus Line 13.7 and Line 14).....	(202,300,756)	(1,080,770,734)	(1,285,813,719)
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.....	0	263,000,003	265,850,075
16.3 Borrowed funds.....			
16.4 Net deposits on deposit-type contracts and other insurance liabilities.....			
16.5 Dividends to stockholders.....			
16.6 Other cash provided (applied).....	(1,605,820)	617,391,456	751,440,365
17. Net cash from financing and miscellaneous sources (Lines 16.1 through 16.4 minus Line 16.5 plus Line 16.6).....	(1,605,820)	880,391,459	1,017,290,440
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).....	(38,350,926)	257,219,440	88,332,904
19. Cash, cash equivalents and short-term investments:			
19.1 Beginning of year.....	114,110,743	25,777,839	25,777,839
19.2 End of period (Line 18 plus Line 19.1).....	75,759,817	282,997,279	114,110,743
Note: Supplemental disclosures of cash flow information for non-cash transactions:			
20.0001 Change in contingency reserve.....	(132,208,122)	(73,360,856)	(118,163,317)
20.0002 Change in premium refund reserve.....	(25,950)	(121,102)	(284,717)
20.0003 Change in deferred ceding commission.....	(4,371,517)	(4,905,510)	(6,146,500)
20.0004 Change in escheatable and stale checks.....	(14,419)	(29,255)	(20,138)
20.0005 Non-cash transfer of assets for reinsurance agreements.....		785,794,919	785,794,919
20.0006 Change in investment in AMIS.....	(3,398,797)	(2,028,424)	(2,850,075)

NOTES TO FINANCIAL STATEMENTS

Note 1 – Summary of Significant Accounting Policies and Going Concern

A. Accounting Practices

The accompanying financial statements of Arch Mortgage Insurance Company (the "Company") are presented on the basis of accounting practices prescribed or permitted by the Wisconsin Office of the Commissioner of Insurance (the "Department").

The Department recognizes only statutory accounting practices prescribed or permitted by the State of Wisconsin (the "State") for determining and reporting the financial condition and results of operations of an insurance company and for determining its solvency under Wisconsin insurance laws. The National Association of Insurance Commissioners' ("NAIC") Accounting Practices and Procedures manual ("NAIC SAP") has been adopted as a component of prescribed or permitted practices by the State.

The State has adopted certain prescribed accounting practices that differ from those found in NAIC SAP. Specifically, changes in contingency reserves for the year are reported in the annual statement as a reduction of or addition to underwriting income. Under Statement of Statutory Accounting Principles ("SSAP") No. 58, *Mortgage Guaranty Insurance* changes in contingency reserves must be reported directly to unassigned funds (surplus) and not included in income. This modification adopted by the State does not affect the Company's statutory surplus. Reconciliations of net income and policyholder's surplus between the amounts reported in the accompanying financial statements (Wisconsin Basis) and NAIC SAP follow:

	SSAP #	F/S Page	F/S Line #	2018	2017
NET INCOME					
(1) ARCH MORTGAGE INSURANCE COMPANY Company state basis (Page 4, Line 20, Columns 1 & 2)	XXX	XXX	XXX	\$ 43,693,116	\$ 12,121,160
(2) State Prescribed Practice that are an increase/(decrease) from NAIC SAP Change in Contingency Reserve				\$ (132,208,122)	\$ (118,163,317)
(3) State Permitted Practice that are an increase/(decrease) from NAIC SAP				\$	\$
(4) NAIC SAP (1 – 2 – 3 = 4)	XXX	XXX	XXX	\$ 175,901,238	\$ 130,284,477
SURPLUS					
(5) ARCH MORTGAGE INSURANCE COMPANY Company state basis (Page 3, line 37, Columns 1 & 2)	XXX	XXX	XXX	\$ 522,314,832	\$ 471,931,915
(6) State Prescribed Practice that are an increase/(decrease) from NAIC SAP				\$	\$
(7) State Permitted Practice that are an increase/(decrease) from NAIC SAP				\$	\$
(8) NAIC SAP (5 – 6 – 7 = 8)	XXX	XXX	XXX	\$ 522,314,832	\$ 471,931,915

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

Not Applicable

C. Accounting Policy

(6) Basis for Loan-Backed Securities and Adjustment Methodology

Bonds, loan backed and structured securities ("LBaSS") with an NAIC designation (as obtained from the NAIC Investment Analysis Office ("IAO")) of "1" or "2" (considered to be investment grade) are carried at amortized cost. Bonds and LBaSS with an NAIC designation of "3," "4," "5," "5*," "6" or "6*" (considered to be non-investment grade) are carried at the lower of amortized cost or fair value. LBaSS fair values are determined using independent pricing services and broker quotes. Bonds and LBaSS that have not been filed and have not received a designation in over a year, from the NAIC IAO, are assigned a 6* designation and carried at zero, with unrealized losses charged to surplus. Bond and LBaSS securities that have been filed and received a 6* designation can carry a value greater than zero. Bond and LBaSS securities are assigned a 5* designation when the following conditions are met: a) the documentation required for a full credit analysis did not exist, b) the issuer/obligor has made all contracted interest and principal payments, and c) an expectation of repayment of interest and principal exists. Amortization of premium or discount on bonds and LBaSS is calculated using the effective yield method.

Additionally, mortgage-backed securities and asset backed securities prepayment assumptions were obtained from an outside vendor or internal estimates. The retrospective adjustment method is used to account for the effect of unscheduled payments affecting high credit quality accounted for using the prospective adjustment method.

D. Going Concern

Based upon its evaluation of relevant conditions and events, management does not have substantial doubt about the Company's ability to continue as a going concern.

Note 2 – Accounting Changes and Correction of Errors

Not Applicable

Note 3 – Business Combinations and Goodwill

Not Applicable

Note 4 – Discontinued Operations

Not Applicable

NOTES TO FINANCIAL STATEMENTS**Note 5 – Investments**

D. Loan-Backed Securities

(1) Description of Sources Used to Determine Prepayment Assumptions

Prepayment/default projections are based on historical statistics of the underlying collateral and current market data.

(2) The amounts of the other-than-temporary impairment ("OTTI") related to loan backed securities

Not Applicable

(3) Recognized OTTI securities

Not Applicable

(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	\$	(1,063,584)
	2. 12 Months or Longer	\$	(229,044)
b. The aggregate related fair value of securities with unrealized losses:	1. Less than 12 Months	\$	114,675,754
	2. 12 Months or Longer	\$	17,299,680

(5) Information Investor Considered in Reaching Conclusion that Impairments are Not Other-Than-Temporary

Not Applicable

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

Not Applicable

H. Repurchase Agreements Transactions Accounted for as a Sale

Not Applicable

I. Reverse Repurchase Agreements Transactions Accounted for as a Sale

Not Applicable

M. Working Capital Finance Investments

Not Applicable

N. Offsetting and Netting of Assets and Liabilities

Not Applicable

Note 6 – Joint Ventures, Partnerships and Limited Liability Companies

Not Applicable

Note 7 – Investment Income

No significant changes

Note 8 – Derivative Instruments

Not Applicable

Note 9 – Income Taxes

No significant changes

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

B/C At September 30, 2018, the Company reported a receivable of \$0 and a payable of \$55,171,213 from/to affiliated companies. Intercompany balances are settled monthly. Details of the balances are:

<u>Company</u>	<u>Receivable/(Payable)</u>
Arch U.S. MI Services, Inc.	(54,796,652)
United Guaranty Corporation	(227,313)
Arch U.S. MI Holdings, Inc.	(116,787)
Arch Mortgage Guaranty Company	(30,459)

NOTES TO FINANCIAL STATEMENTS**Note 11 – Debt**

- B. FHLB (Federal Home Loan Bank) Agreements

Not Applicable

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

Not Applicable

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

No significant changes

Note 14 – Liabilities, Contingencies and Assessments

No significant changes

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

Not Applicable

Note 17 – Sale, Transfer and Servicing of Financial Assets and Extinguishments of Liabilities

- B. Transfer and Servicing of Financial Assets

Not Applicable

- C. Wash Sales

Not Applicable

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

Not Applicable

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

Not Applicable

Note 20 – Fair Value Measurements

- A. Fair Value Measurements

- (1) Fair Value Measurements at Reporting Date

For the purposes of this Quarterly Statement, the Company provides the following disclosure regarding measurement of certain financial assets at fair value.

The Company's financial assets measured at fair value are based on a hierarchy defined by SSAP No. 100, Fair Value Measurements. The hierarchy gives the highest ranking to fair values determined using unadjusted quoted prices in active markets for identical assets (Level 1) and the lowest ranking to fair values determined using methodologies and models with unobservable inputs (Level 3). An asset's classification is based on the lowest level input that is significant to its measurement. For example, a Level 3 fair value measurement may include inputs that are both observable (Levels 1 and 2) and unobservable (Level 3). The levels of the fair value hierarchy are as follows:

Level 1 Unadjusted quoted prices in active markets for identical assets or liabilities.

Level 2 Observable inputs other than Level 1 prices, such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities. Level 2 assets and liabilities include debt securities with quoted prices that are traded less frequently than exchange-traded instruments and derivative contracts whose value is determined using a pricing model with inputs that are observable in the market or can be derived principally from or corroborated by observable public sources.

Level 3 Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities. Level 3 assets and liabilities include financial instruments whose value is determined using pricing models, as well as instruments for which the determination of fair value requires significant management judgment or estimation.

At September 30, 2018, the Company had no financial assets or liabilities recorded at fair value.

At the end of each reporting period, the Company evaluates whether or not any event has occurred or circumstances have changed that would cause an instrument to be transferred between Levels 1 and 2. There were no transfers of assets or liabilities to or from Levels 1 and 2 for the quarter ended September 30, 2018. This policy also applies to transfers into or out of Level 3 as stated in paragraph 3 below.

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

NOTES TO FINANCIAL STATEMENTS

At September 30, 2018, the Company has no assets or liabilities measured at fair value in this category.

(3) Policies when Transfers Between Levels are Recognized

At the end of each reporting period, the Company evaluates whether or not any event has occurred or circumstances have changed that would cause an instrument to be transferred into or out of Level 3. There were no transfers into or out of Level 3 for the quarter ended September 30, 2018.

(4) Description of Valuation Techniques and Inputs Used in Fair Value Measurement

Not Applicable

(5) Fair Value Disclosures

Not Applicable

B. Fair Value Reporting under SSAP 100 and Other Accounting Pronouncements

Not Applicable

C. Fair Value Level

The table below reflects the fair values and admitted values of all admitted assets and liabilities that are financial instruments, excluding those accounted for under the equity method (subsidiaries, joint ventures and ventures). The fair values are also categorized into the three-level fair value hierarchy as described above in Note 20A.

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
Bonds	\$1,913,405,182	\$ 1,948,340,821	\$ 218,018,333	\$ 1,695,386,849	\$	\$	\$
Cash, Cash equivalent and short-term investments	\$ 75,559,519	\$ 75,559,817	\$ 59,580,756	\$ 15,978,763	\$	\$	\$

D. Not Practicable to Estimate Fair Value

Not Applicable

Note 21 – Other Items

No significant changes

Note 22 – Events Subsequent

On October 3, 2018, the Board of Directors of Arch U.S. MI Holdings, Inc. approved a resolution to dissolve United Guaranty Corporation ("UGC"), an affiliate. Articles of Dissolution are to be filed with the Secretary of State of North Carolina. As part of the dissolution, UGC is authorized to issue a dividend of any and all assets to Arch U.S. MI Holdings, Inc. Arch U.S. MI Holdings Inc. is authorized to contribute any and all assets received in conjunction with the dissolution of UGC to Arch Mortgage Insurance Company, where by Arch Mortgage Insurance Company is authorized to contribute any and all assets received in conjunction with the dissolution to Arch U.S. MI Services Inc. The dividend is contingent upon the approval or non-disapproval from the Department.

On October 3, 2018, the Board of Directors of Arch U.S. MI Holdings, Inc. also approved a resolution authorizing the Company to issue a return of capital to it's shareholder, Arch U.S. MI Holdings Inc., in an amount not exceeding \$200 million. The return of capital is contingent upon the approval or non-disapproval from the Department.

On October 22, 2018, the Company entered into an excess of loss reinsurance agreement with Bellemeade RE 2018-3 Ltd.

Note 23 – Reinsurance

No significant changes

Note 24 – Retrospectively Rated Contracts and Contracts Subject to Redetermination

F. Risk Sharing Provisions of the Affordable Care Act

(1) Did the reporting entity write accident and health insurance premium which is subject to the Affordable Care Act risk sharing provisions?

Yes [] No [X]

Note 25 – Change in Incurred Losses and Loss Adjustment Expenses

Incurred loss and loss adjustment expenses attributable to insured events of prior year's were decreased by \$24.0 million for the nine months ended September 30, 2018, and were decreased by \$11.8 million for the nine months ended September 30, 2017 as a result of re-estimation of unpaid losses and loss adjustment expenses. The change is generally the result of ongoing analysis of recent loss development trends. Original estimates are increased or decreased as additional information becomes known regarding individual claims.

Note 26 – Intercompany Pooling Arrangements

Not Applicable

Note 27 – Structured Settlements

Not Applicable

Note 28 – Health Care Receivables

NOTES TO FINANCIAL STATEMENTS

Not Applicable

Note 29 – Participating policies

Not Applicable

Note 30 – Premium Deficiency Reserves

No significant changes

Note 31 – High Deductibles

Not Applicable

Note 32 – Discounting of Liabilities for Unpaid Losses or Unpaid Loss Adjustment Expenses

Not Applicable

Note 33 – Asbestos/Environmental Reserves

Not Applicable

Note 34 – Subscriber Savings Accounts

Not Applicable

Note 35 – Multiple Peril Crop Insurance

Not Applicable

Note 36 – Financial Guaranty Insurance

B. Schedule of Insured Financial Obligations at the End of the Period:

Not Applicable

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.

On September 30, 2018, United Guaranty Mortgage Indemnity Company was merged into United Guaranty Residential Insurance Company.

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

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. 947484

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). 06/12/2017

6.4 By what department or departments?

Wisconsin Office of the Commissioner of Insurance

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 [X] No [] N/A []

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

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 [] No [X]

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

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]

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

GENERAL INTERROGATORIES

PART 1 - COMMON INTERROGATORIES

FINANCIAL

- 10.1 Does the reporting entity report any amounts due from parent, subsidiaries or affiliates on Page 2 of this statement? Yes [] No [X]
- 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 [X]
- 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 [X] No []
- 14.2 If yes, please complete the following:

- 14.21 Bonds
- 14.22 Preferred Stock
- 14.23 Common Stock
- 14.24 Short-Term Investments
- 14.25 Mortgage Loans on Real Estate
- 14.26 All Other
- 14.27 Total Investment in Parent, Subsidiaries and Affiliates (Subtotal Lines 14.21 to 14.26)
- 14.28 Total Investment in Parent included in Lines 14.21 to 14.26 above

	1 Prior Year End Book/Adjusted Carrying Value	2 Current Quarter Book/Adjusted Carrying Value
\$	0	\$ 0
	0	0
	29,344,261	32,743,058
	0	0
	0	0
	0	0
\$	29,344,261	\$ 32,743,058
\$	0	\$ 0

- 15.1 Has the reporting entity entered into any hedging transactions reported on Schedule DB? Yes [] No [X]
- 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 [X] No []

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

1 Name of Custodian(s)	2 Custodian Address
Bank of New York Mellon	One Mellon Center - Room 1072, Pittsburgh, PA 15258

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)
Not Applicable		

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

17.4 If yes, give full 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
Arch Investment 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
129060	Arch Investment Management, LLC		SEC	DS

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

18.2 If no, list exceptions:

GENERAL INTERROGATORIES

PART 1 - COMMON INTERROGATORIES

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 – PROPERTY & CASUALTY INTERROGATORIES

1. If the reporting entity is a member of a pooling arrangement, did the agreement or the reporting entity's participation change? Yes [] No [] N/A [X]
 If yes, attach an explanation.

2. Has the reporting entity reinsured any risk with any other reporting entity and agreed to release such entity from liability, in whole or in part, from any loss that may occur on the risk, or portion thereof, reinsured? Yes [] No [X]
 If yes, attach an explanation.

3.1 Have any of the reporting entity's primary reinsurance contracts been canceled? Yes [] No [X]

3.2 If yes, give full and complete information thereto:

4.1 Are any of the liabilities for unpaid losses and loss adjustment expenses other than certain workers' compensation tabular reserves (see *Annual Statement Instructions* pertaining to disclosure of discounting for definition of "tabular reserves.") discounted at a rate of interest greater than zero? Yes [] No [X]

4.2 If yes, complete the following schedule:

1 Line of Business	2 Maximum Interest	3 Disc. Rate	Total Discount				Discount Taken During Period			
			4 Unpaid Losses	5 Unpaid LAE	6 IBNR	7 Total	8 Unpaid Losses	9 Unpaid LAE	10 IBNR	11 Total
	0.000	0.000	0	0	0	0	0	0	0	0
Total	XXX	XXX	0	0	0	0	0	0	0	0

5.1 Operating Percentages:

5.1 A&H loss percent 0.000%
 5.2 A&H cost containment percent 0.000%
 5.3 A&H expense percent excluding cost containment expenses 0.000%

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

6.2 If yes, please provide the amount of custodial funds held as of the reporting date. \$ 0

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

6.4 If yes, please provide the amount of funds administered as of the reporting date. \$ 0

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

7.1 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 []

ARCH MORTGAGE INSURANCE COMPANY

SCHEDULE F - CEDED REINSURANCE

Showing All New Reinsurers - Current Year to Date

1 NAIC Company Code	2 ID Number	3 Name of Reinsurer	4 Domiciliary Jurisdiction	5 Type of Reinsurer	6 Certified Reinsurer Rating (1 through 6)	7 Effective Date of Certified Reinsurer Rating
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All Other Insurers

.....	AA-3191367.....	Bellemeade Re 2018-1 Ltd.....	BMU.....	Unauthorized...
.....	AA-3191374.....	Bellemeade Re 2018-2 Ltd.....	BMU.....	Unauthorized...

SCHEDULE T - EXHIBIT OF PREMIUMS WRITTEN

Current Year to Date - Allocated by States and Territories

States, Etc.	1 Active Status (a)	Direct Premiums Written		Direct Losses Paid (Deducting Salvage)		Direct Losses Unpaid	
		2 Current Year to Date	3 Prior Year to Date	4 Current Year to Date	5 Prior Year to Date	6 Current Year to Date	7 Prior Year to Date
1. Alabama.....AL.....L.....		3,323,561	1,765,396		196,082	416,785	271,232
2. Alaska.....AK.....L.....		2,327,767	2,656,317	248,116	414,301	1,161,799	1,322,402
3. Arizona.....AZ.....L.....		11,738,180	6,937,110	148,569	46,298	1,241,374	1,029,657
4. Arkansas.....AR.....L.....		2,270,539	1,262,442	145,092	182,771	369,084	417,529
5. California.....CA.....L.....		28,829,051	17,817,358	9,636	27,231	4,114,067	2,338,727
6. Colorado.....CO.....L.....		8,165,707	4,822,318	(1,277)	87,413	910,554	260,086
7. Connecticut.....CT.....L.....		3,306,781	1,884,569	123,271	168,668	1,027,133	748,084
8. Delaware.....DE.....L.....		1,187,425	824,010			110,138	56,970
9. District of Columbia.....DC.....L.....		1,509,807	926,626		(66)	27,205	45,738
10. Florida.....FL.....L.....		23,334,936	12,247,945	520,981	1,441,097	6,933,509	5,061,278
11. Georgia.....GA.....L.....		13,039,440	6,919,112	45,725	373,993	1,750,211	1,678,732
12. Hawaii.....HI.....L.....		914,710	394,220		87,683	394,986	287,040
13. Idaho.....ID.....L.....		4,859,863	3,411,968	5,450	23,689	492,752	390,425
14. Illinois.....IL.....L.....		11,543,954	7,531,909	399,645	451,249	1,671,125	1,728,428
15. Indiana.....IN.....L.....		8,858,030	5,280,598	228,777	306,021	872,984	819,632
16. Iowa.....IA.....L.....		5,248,957	4,379,164	214,321	209,289	875,389	913,701
17. Kansas.....KS.....L.....		5,033,816	3,541,436	105,588	247,895	913,541	693,940
18. Kentucky.....KY.....L.....		3,713,781	1,965,161	36,474	98,556	354,494	231,226
19. Louisiana.....LA.....L.....		2,725,147	1,906,743	60,762	231,835	835,432	786,217
20. Maine.....ME.....L.....		1,473,971	1,070,710	151,642	171,463	559,628	678,918
21. Maryland.....MD.....L.....		11,260,972	7,551,233	702,191	660,686	926,166	1,962,715
22. Massachusetts.....MA.....L.....		15,929,753	9,303,744	270,912	440,424	2,237,290	2,121,474
23. Michigan.....MI.....L.....		14,095,668	12,481,987	464,732	476,555	1,958,009	2,315,336
24. Minnesota.....MN.....L.....		11,392,720	7,082,980	374,011	489,868	1,511,208	1,787,434
25. Mississippi.....MS.....L.....		867,208	544,601	12,471	25,198	130,863	137,198
26. Missouri.....MO.....L.....		7,566,701	4,981,119	191,353	365,907	606,030	805,067
27. Montana.....MT.....L.....		462,588	276,183		83	15,606	51,442
28. Nebraska.....NE.....L.....		2,418,216	1,335,957	36,515	(332)	347,139	206,356
29. Nevada.....NV.....L.....		2,453,548	1,348,414	222,434	627,449	783,885	925,551
30. New Hampshire.....NH.....L.....		2,931,341	1,951,721	(562)	56,421	153,430	337,723
31. New Jersey.....NJ.....L.....		8,756,902	4,572,429	554,051	512,850	1,527,682	2,058,007
32. New Mexico.....NM.....L.....		2,103,939	1,479,036	86,742	240,192	417,791	467,520
33. New York.....NY.....L.....		8,778,343	5,359,384	997,696	992,098	3,478,746	3,660,269
34. North Carolina.....NC.....L.....		14,399,926	9,243,939	54,126	130,914	1,468,427	951,641
35. North Dakota.....ND.....L.....		477,647	302,408			105,810	60,533
36. Ohio.....OH.....L.....		10,686,290	7,731,990	358,238	617,596	2,495,222	2,282,223
37. Oklahoma.....OK.....L.....		3,017,967	1,804,647	161,252	161,078	607,159	612,240
38. Oregon.....OR.....L.....		8,385,210	4,701,634	93,812	225,017	795,328	537,599
39. Pennsylvania.....PA.....L.....		9,095,439	5,708,650	244,922	640,522	2,391,116	2,533,489
40. Rhode Island.....RI.....L.....		2,612,621	1,952,685	39,156	46,482	425,159	562,973
41. South Carolina.....SC.....L.....		7,662,112	4,496,829	84,973	32,831	1,088,534	937,426
42. South Dakota.....SD.....L.....		1,439,303	762,451			121,716	71,905
43. Tennessee.....TN.....L.....		10,959,832	7,767,484	285,786	266,495	1,436,175	1,106,193
44. Texas.....TX.....L.....		24,675,995	13,656,546	365,014	233,095	2,855,877	2,665,782
45. Utah.....UT.....L.....		8,202,293	4,313,162	67,604	266,119	770,450	595,089
46. Vermont.....VT.....L.....		1,112,742	793,080	175,617	94,533	287,558	471,827
47. Virginia.....VA.....L.....		12,830,335	9,690,329	211,021	333,929	1,302,232	967,677
48. Washington.....WA.....L.....		8,636,592	5,069,075	41,219	318,279	840,424	1,101,618
49. West Virginia.....WV.....L.....		411,996	297,729	22,392	54,407	239,701	188,687
50. Wisconsin.....WI.....L.....		14,677,402	12,004,586	405,222	1,337,253	2,938,738	3,269,589
51. Wyoming.....WY.....L.....		325,949	276,855		25,150	19,760	216,747
52. American Samoa.....AS.....N.....							
53. Guam.....GU.....N.....							
54. Puerto Rico.....PR.....L.....		25,461	18,035			125,311	82,417
55. US Virgin Islands.....VI.....N.....							
56. Northern Mariana Islands.....MP.....N.....							
57. Canada.....CAN.....N.....							
58. Aggregate Other Alien.....OT.....XXX.....		0	0	0	0	0	0
59. Totals.....XXX.....		372,058,435	236,406,014	8,965,673	14,436,565	59,440,728	55,811,713

DETAILS OF WRITE-INS

58001.....XXX.....							
58002.....XXX.....							
58003.....XXX.....							
58998. Summary of remaining write-ins for Line 58 from overflow page.....XXX.....		0	0	0	0	0	0
58999. Totals (Lines 58001 thru 58003+ Line 58998) (Line 58 above).....XXX.....		0	0	0	0	0	0

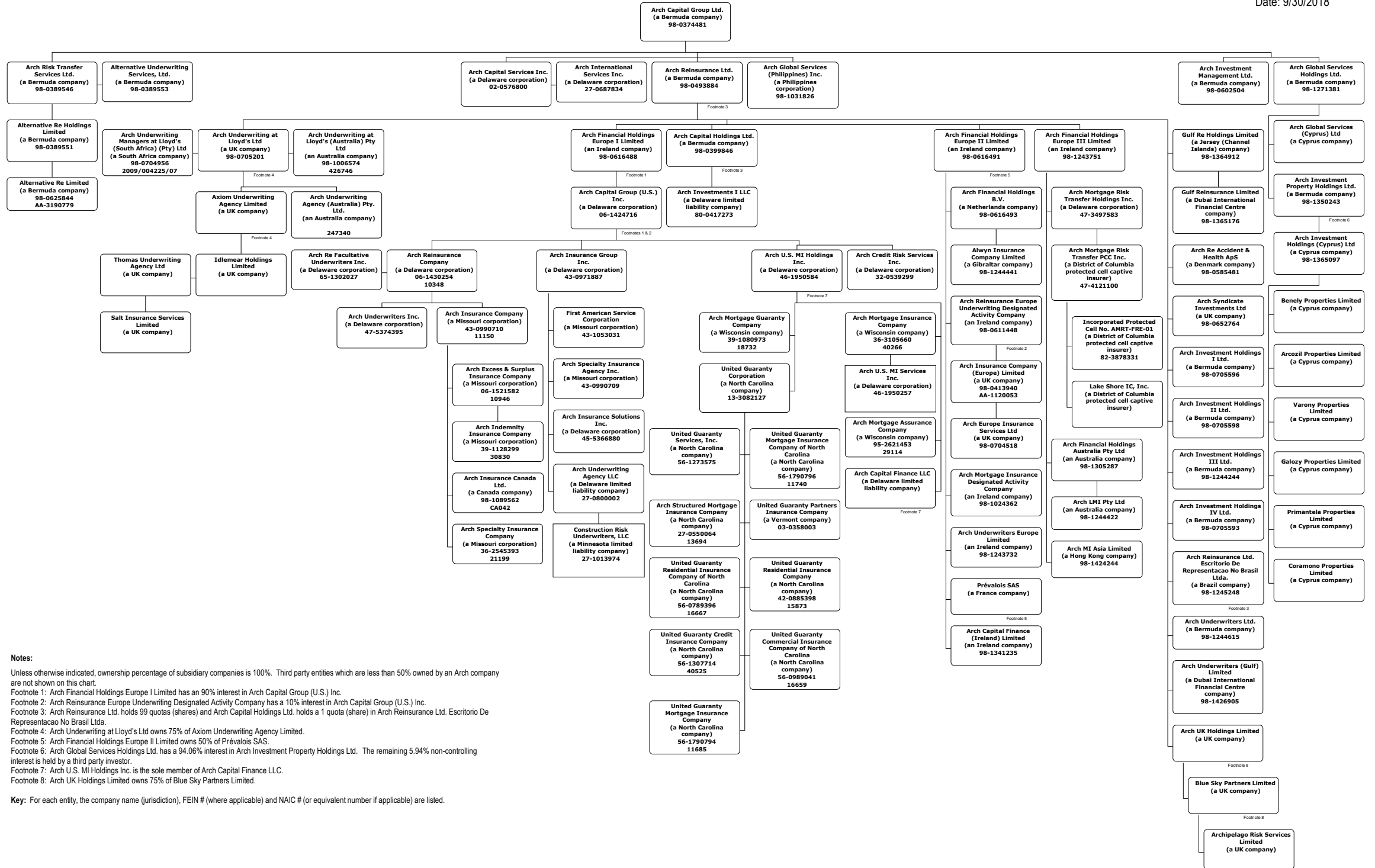
(a) Active Status Count

L - Licensed or Chartered - Licensed insurance carrier or domiciled RRG.....	52	R - Registered - Non-domiciled RRGs.....	0
E - Eligible - Reporting entities eligible or approved to write surplus lines in the state (other than their state of domicile - See DSLI).....	0	Q - Qualified - Qualified or accredited reinsurer.....	0
D - Domestic Surplus Lines Insurer (DSL) - Reporting entities authorized to write surplus lines in the state of domicile.....	0	N - None of the above - Not allowed to write business in the state.....	5

ARCH MORTGAGE INSURANCE COMPANY

SCHEDULE Y – INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY PART 1 – ORGANIZATIONAL CHART

Date: 9/30/2018



Notes:

Unless otherwise indicated, ownership percentage of subsidiary companies is 100%. Third party entities which are less than 50% owned by an Arch company are not shown on this chart.

Footnote 1: Arch Financial Holdings Europe I Limited has a 90% interest in Arch Capital Group (U.S.) Inc.

Footnote 2: Arch Reinsurance Europe Underwriting Designated Activity Company has a 10% interest in Arch Capital Group (U.S.) Inc.

Footnote 3: Arch Reinsurance Ltd. holds 99 quotas (shares) and Arch Capital Holdings Ltd. holds a 1 quota (share) in Arch Reinsurance Ltd. Escritorio De Representacao No Brasil Ltda.

Footnote 4: Arch Underwriting at Lloyd's Ltd owns 75% of Axiom Underwriting Agency Limited.

Footnote 5: Arch Financial Holdings Europe II Limited owns 50% of Prévalois SAS.

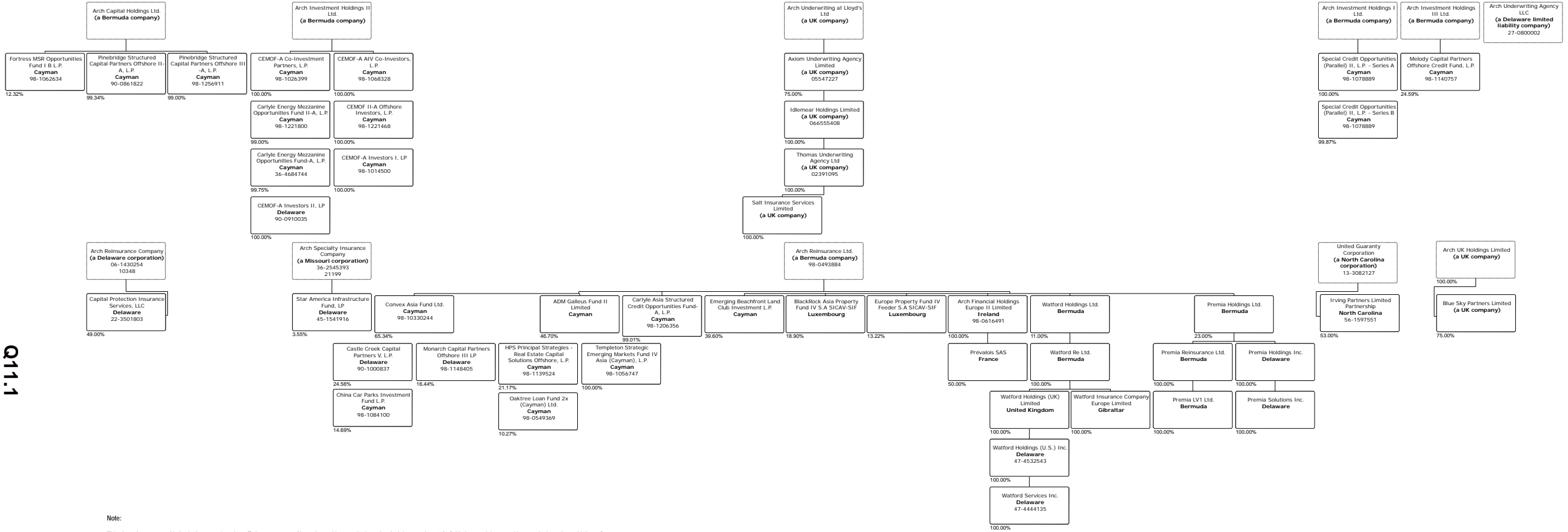
Footnote 6: Arch Global Services Holdings Ltd. has a 94.06% interest in Arch Investment Property Holdings Ltd. The remaining 5.94% non-controlling interest is held by a third party investor.

Footnote 7: Arch U.S. MI Holdings Inc. is the sole member of Arch Capital Finance LLC.

Footnote 8: Arch UK Holdings Limited owns 75% of Blue Sky Partners Limited.

Key: For each entity, the company name (jurisdiction), FEIN # (where applicable) and NAIC # (or equivalent number if applicable) are listed.

SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP PART I - ORGANIZATIONAL CHART



Note:

This chart shows ownership by Arch companies where (i) the percentage of issued securities or units issued to Arch is more than 10% (with the remaining securities or units issued to a third party) or (ii) the ownership is 100% by Arch, but represents ownership in an entity formed for a particular investment purpose where such investment entity has no operations other than to hold an investment. Each Arch entity is in a "dotted line" box with entities owned by it meeting the criteria set forth in the prior sentence in "solid line" boxes below; there is no ownership relationship between "solid line" boxes.

Key: For each entity, the company name (jurisdiction), FEIN # (where applicable) and NAIC # (or equivalent number if applicable) are listed.

The figures in the chart are at December 31, 2017; such figures are updated on an annual basis in line with normal practices.

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															
N/A..	N/A.....	N/A.....	98-0374481..	N/A.....	.....947484	NASDAQ.....	Arch Capital Group Ltd.....	BMU.....	UIP.....	N/A.....	N/A.....	N/A.....	N/A.....		1.....
N/A..	N/A.....	N/A.....	02-0576800..	N/A.....	N/A.....	N/A.....	Arch Capital Services Inc.....	DE.....	NIA.....	Arch Capital Group Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	98-0602504..	N/A.....	N/A.....	N/A.....	Arch Investment Management Ltd.....	BMU.....	NIA.....	Arch Capital Group Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	98-0493884..	N/A.....	N/A.....	N/A.....	Arch Reinsurance Ltd.....	BMU.....	IA.....	Arch Capital Group Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	98-1031826..	N/A.....	N/A.....	N/A.....	Arch Global Services (Philippines) Inc.....	PHL.....	NIA.....	Arch Capital Group Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Arch Global Services (Cyprus) Ltd.....	CYP.....	NIA.....	Arch Global Services Holdings Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Arch Global Services Holdings Ltd.....	BMU.....	NIA.....	Arch Capital Group Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	27-0687834..	N/A.....	N/A.....	N/A.....	Arch International Services Inc.....	DE.....	NIA.....	Arch Capital Services Inc.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	98-1244615..	N/A.....	N/A.....	N/A.....	Arch Underwriters Ltd.....	BMU.....	NIA.....	Arch Reinsurance Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	98-0705201..	N/A.....	N/A.....	N/A.....	Arch Underwriting at Lloyd's Ltd.....	GBR.....	NIA.....	Arch Reinsurance Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Axiom Underwriting Agency Limited.....	GBR.....	NIA.....	Arch Underwriting at Lloyd's Ltd.....	Ownership.....	...75.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Idlemeear Holdings Limited.....	GBR.....	NIA.....	Axiom Underwriting Agency Limited.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Thomas Underwriting Agency Limited.....	GBR.....	NIA.....	Idlemeear Holdings Limited.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Salt Insurance Services Limited.....	GBR.....	NIA.....	Thomas Underwriting Agency Limited.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Arch Underwriting Agency (Australia) Pty. Ltd..	AUS.....	NIA.....	Arch Underwriting at Lloyd's Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	98-0399846..	N/A.....	N/A.....	N/A.....	Arch Capital Holdings Ltd.....	BMU.....	NIA.....	Arch Reinsurance Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	98-0616488..	N/A.....	N/A.....	N/A.....	Arch Financial Holdings Europe I Limited.....	IRL.....	NIA.....	Arch Reinsurance Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	98-0585481..	N/A.....	N/A.....	N/A.....	Arch Re Accident & Health ApS.....	DNK.....	NIA.....	Arch Reinsurance Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	98-0652764..	N/A.....	N/A.....	N/A.....	Arch Syndicate Investments Ltd.....	GBR.....	NIA.....	Arch Reinsurance Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Gulf Re Holdings Limited.....	JEY.....	NIA.....	Arch Reinsurance Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Gulf Reinsurance Limited.....	ARE.....	IA.....	Gulf Re Holdings Limited.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	98-0705596..	N/A.....	N/A.....	N/A.....	Arch Investment Holdings I Ltd.....	BMU.....	NIA.....	Arch Reinsurance Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	98-0705598..	N/A.....	N/A.....	N/A.....	Arch Investment Holdings II Ltd.....	BMU.....	NIA.....	Arch Reinsurance Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	99-1244244..	N/A.....	N/A.....	N/A.....	Arch Investment Holdings III Ltd.....	BMU.....	NIA.....	Arch Reinsurance Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	98-0705593..	N/A.....	N/A.....	N/A.....	Arch Investment Holdings IV Ltd.....	BMU.....	NIA.....	Arch Reinsurance Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Watford Holdings Ltd.....	BMU.....	NIA.....	Arch Reinsurance Ltd.....	Ownership.....	...11.100	Arch Capital Group Ltd.....		2.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Watford Re Ltd.....	BMU.....	IA.....	Watford Holdings Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Watford Holdings (UK) Limited.....	GBR.....	NIA.....	Watford Re Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Watford Holdings (U.S.) Inc.....	DE.....	NIA.....	Watford Holdings (UK) Limited.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Watford Insurance Company Europe Limited....	GIB.....	IA.....	Watford Holdings (UK) Limited.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Watford Services Inc.....	DE.....	NIA.....	Watford Holdings (U.S.) Inc.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	99-1245248..	N/A.....	N/A.....	N/A.....	Arch Reinsurance Ltd. Escritorio De Representacao Ltda.	BRA.....	NIA.....	Arch Reinsurance Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	98-1006574..	N/A.....	N/A.....	N/A.....	Arch Underwriting at Lloyd's (Australia) Pty Ltd.	AUS.....	NIA.....	Arch Underwriting at Lloyd's Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	98-0704956..	N/A.....	N/A.....	N/A.....	Arch Underwriting Managers at Lloyd's (South Africa)(Pty) Limited	ZAF.....	NIA.....	Arch Underwriting at Lloyd's Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....		

Q12

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)	*
N/A..	N/A.....	N/A.....	80-0417273..	N/A.....	N/A.....	N/A.....	Arch Investments I LLC.....	DE.....	NIA.....	Arch Capital Holdings Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	98-0616491..	N/A.....	N/A.....	N/A.....	Arch Financial Holdings Europe II Limited.....	IRL.....	NIA.....	Arch Reinsurance Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	98-1243751..	N/A.....	N/A.....	N/A.....	Arch Financial Holdings Europe III Limited.....	IRL.....	NIA.....	Arch Reinsurance Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	98-1244422..	N/A.....	N/A.....	N/A.....	Arch LMI Pty Ltd.....	AUS.....	NIA.....	Arch Financial Holdings Australia Pty Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	98-1305287..	N/A.....	N/A.....	N/A.....	Arch Financial Holdings Australia Pty Ltd.....	AUS.....	NIA.....	Arch Financial Holdings Europe III Limited.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	47-3497583..	N/A.....	N/A.....	N/A.....	Arch Mortgage Risk Transfer Holdings Inc.....	DE.....	NIA.....	Arch Financial Holdings Europe III Limited.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	47-4121100..	N/A.....	N/A.....	N/A.....	Arch Mortgage Risk Transfer PCC Inc.....	DC.....	IA.....	Arch Mortgage Risk Transfer Holdings Inc.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	82-3878331..	N/A.....	N/A.....	N/A.....	Incorporated Protected Cell No. AMRT-FRE-01	DC.....	IA.....	Arch Mortgage Risk Transfer PCC Inc.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	98-0616493..	N/A.....	N/A.....	N/A.....	Arch Financial Holdings B.V.....	NLD.....	NIA.....	Arch Financial Holdings Europe II Limited.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	98-1024362..	N/A.....	N/A.....	N/A.....	Arch Mortgage Insurance Designated Activity Company	IRL.....	IA.....	Arch Financial Holdings Europe II Limited.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	98-1243732..	N/A.....	N/A.....	N/A.....	Arch Underwriters Europe Limited.....	IRL.....	NIA.....	Arch Financial Holdings Europe II Limited.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	98-0611448..	N/A.....	N/A.....	N/A.....	Arch Reinsurance Europe Underwriting Designated Activity Company	IRL.....	IA.....	Arch Financial Holdings Europe II Limited.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	06-1424716..	N/A.....	N/A.....	N/A.....	Arch Capital Group (U.S.) Inc.....	DE.....	NIA.....	Arch Financial Holdings Europe I Limited.....	Ownership.....	...90.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	06-1424716..	N/A.....	N/A.....	N/A.....	Arch Capital Group (U.S.) Inc.....	DE.....	NIA.....	Arch Reinsurance Europe Underwriting Designated Activity Company	Ownership.....	...10.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	98-0389546..	N/A.....	N/A.....	N/A.....	Arch Risk Transfer Services Ltd.....	BMU.....	NIA.....	Arch Reinsurance Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	98-1244441..	N/A.....	N/A.....	N/A.....	Alwyn Insurance Company Limited.....	GIB.....	IA.....	Arch Financial Holdings B.V.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	98-0413940..	N/A.....	N/A.....	N/A.....	Arch Insurance Company (Europe) Limited.....	GBR.....	IA.....	Arch Reinsurance Europe Underwriting Designated Activity Company	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
1279	Arch Capital Group (U.S.) Inc..	10348..	06-1430254..	N/A.....	N/A.....	N/A.....	Arch Reinsurance Company.....	DE.....	IA.....	Arch Capital Group (U.S.) Inc.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	47-5374395..	N/A.....	N/A.....	N/A.....	Arch Underwriters Inc.....	DE.....	NIA.....	Arch Reinsurance Company.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	98-0389553..	N/A.....	N/A.....	N/A.....	Alternative Underwriting Services Ltd.....	BMU.....	NIA.....	Arch Risk Transfer Services Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	98-0389551..	N/A.....	N/A.....	N/A.....	Alternative Re Holdings Limited.....	BMU.....	NIA.....	Arch Risk Transfer Services Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	98-0704518..	N/A.....	N/A.....	N/A.....	Arch Europe Insurance Services Ltd.....	GBR.....	NIA.....	Arch Insurance Company (Europe) Limited.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	65-1302027..	N/A.....	N/A.....	N/A.....	Arch Re Facultative Underwriters Inc.....	DE.....	NIA.....	Arch Reinsurance Company.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	43-0971887..	N/A.....	N/A.....	N/A.....	Arch Insurance Group Inc.....	DE.....	NIA.....	Arch Capital Group (U.S.) Inc.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	22-3501803..	N/A.....	N/A.....	N/A.....	Capital Protection Insurance Services, LLC.....	DE.....	NIA.....	Arch Reinsurance Company.....	Ownership.....	...49.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	98-0625844..	N/A.....	N/A.....	N/A.....	Alternative Re Limited.....	BMU.....	IA.....	Alternative Re Holdings Limited.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	27-0800002..	N/A.....	N/A.....	N/A.....	Arch Underwriting Agency LLC.....	DE.....	NIA.....	Arch Insurance Group Inc.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	43-0990709..	N/A.....	N/A.....	N/A.....	Arch Specialty Insurance Agency Inc.....	MO.....	NIA.....	Arch Insurance Group Inc.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
1279	Arch Capital Group (U.S.) Inc..	11150..	43-0990710..	N/A.....	N/A.....	N/A.....	Arch Insurance Company.....	MO.....	IA.....	Arch Reinsurance Company.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	43-1053031..	N/A.....	N/A.....	N/A.....	First American Service Corporation.....	MO.....	NIA.....	Arch Insurance Group Inc.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	27-1013974..	N/A.....	N/A.....	N/A.....	Construction Risk Underwriters, LLC.....	MN.....	NIA.....	Arch Underwriting Agency LLC.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	Arch Capital Group (U.S.) Inc..	10946..	06-1521582..	N/A.....	N/A.....	N/A.....	Arch Excess & Surplus Insurance Company.....	MO.....	IA.....	Arch Insurance Company.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....

Q12.1

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)	*
1279	Arch Capital Group (U.S.) Inc.	21199..	36-2545393..	N/A.....	N/A.....	N/A.....	Arch Specialty Insurance Company.....	MO.....	IA.....	Arch Insurance Company.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
1279	Arch Capital Group (U.S.) Inc.	30830..	39-1128299..	N/A.....	N/A.....	N/A.....	Arch Indemnity Insurance Company.....	MO.....	IA.....	Arch Excess & Surplus Insurance Company...	Ownership.....	100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	45-5366880..	N/A.....	N/A.....	N/A.....	Arch Insurance Solutions Inc.....	DE.....	NIA.....	Arch Insurance Group Inc.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	98-1089562..	N/A.....	N/A.....	N/A.....	Arch Insurance Canada Ltd.....	CAN.....	IA.....	Arch Insurance Company.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	46-1950584..	N/A.....	N/A.....	N/A.....	Arch U.S. MI Holdings Inc.....	DE.....	NIA.....	Arch Capital Group (U.S.) Inc.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	46-1950584..	N/A.....	N/A.....	N/A.....	Arch Capital Finance LLC.....	DE.....	NIA.....	Arch U.S. MI Holdings Inc.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	46-1950257..	N/A.....	N/A.....	N/A.....	Arch U.S. MI Services Inc.....	DE.....	NIA.....	Arch Mortgage Insurance Company.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
1279	Arch Capital Group (U.S.) Inc.	40266..	36-3105660..	N/A.....	N/A.....	N/A.....	Arch Mortgage Insurance Company.....	WI.....	IA.....	Arch U.S. MI Holdings Inc.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
1279	Arch Capital Group (U.S.) Inc.	18732..	39-1080973..	N/A.....	N/A.....	N/A.....	Arch Mortgage Guaranty Company.....	WI.....	IA.....	Arch U.S. MI Holdings Inc.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
1279	Arch Capital Group (U.S.) Inc.	29114..	95-2621453..	N/A.....	N/A.....	N/A.....	Arch Mortgage Assurance Company.....	WI.....	IA.....	Arch U.S. MI Holdings Inc.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Arch Investment Holdings (Cyprus) Ltd.....	CYP.....	NIA.....	Arch Investment Property Holdings Ltd.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Arch Investment Property Holdings Ltd.....	BMU.....	NIA.....	Arch Global Services Holdings Ltd.....	Ownership.....	94.060	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Arch Investment Property Holdings Ltd.....	BMU.....	NIA.....	AFP Capital Management Limited.....	Ownership.....	5.940	Individuals.....		
N/A..	N/A.....	N/A.....	98-1341235..	N/A.....	N/A.....	N/A.....	Arch Capital Finance (Ireland) Limited.....	IRL.....	NIA.....	Arch Financial Holdings Europe II Limited.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Benely Properties Limited.....	CYP.....	NIA.....	Arch Investment Holdings (Cyprus) Ltd.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Arcozil Properties Limited.....	CYP.....	NIA.....	Arch Investment Holdings (Cyprus) Ltd.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Varony Properties Limited.....	CYP.....	NIA.....	Arch Investment Holdings (Cyprus) Ltd.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Galozy Properties Limited.....	CYP.....	NIA.....	Arch Investment Holdings (Cyprus) Ltd.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Primantela Properties Limited.....	CYP.....	NIA.....	Arch Investment Holdings (Cyprus) Ltd.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Coramono Properties Limited.....	CYP.....	NIA.....	Arch Investment Holdings (Cyprus) Ltd.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	13-3082127..	N/A.....	N/A.....	N/A.....	United Guaranty Corporation.....	NC.....	NIA.....	Arch U.S. MI Holdings Inc.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
1279	Arch Capital Group (U.S.) Inc.	11685..	56-1790794..	N/A.....	N/A.....	N/A.....	United Guaranty Mortgage Insurance Company	NC.....	IA.....	United Guaranty Corporation.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
1279	Arch Capital Group (U.S.) Inc.	11740..	56-1790796..	N/A.....	N/A.....	N/A.....	United Guaranty Mortgage Insurance Company of North Carolina	NC.....	IA.....	United Guaranty Corporation.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
1279	Arch Capital Group (U.S.) Inc.	11463..	03-0358003..	N/A.....	N/A.....	N/A.....	United Guaranty Partners Insurance Company.	VT.....	IA.....	United Guaranty Corporation.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	56-1273575..	N/A.....	N/A.....	N/A.....	United Guaranty Services, Inc.....	NC.....	NIA.....	United Guaranty Corporation.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
1279	Arch Capital Group (U.S.) Inc.	16667..	56-0789396..	N/A.....	N/A.....	N/A.....	United Guaranty Residential Insurance Company of North Carolina	NC.....	IA.....	United Guaranty Corporation.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
1279	Arch Capital Group (U.S.) Inc.	15873..	42-0885398..	N/A.....	N/A.....	N/A.....	United Guaranty Residential Insurance Company	NC.....	IA.....	United Guaranty Corporation.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
1279	Arch Capital Group (U.S.) Inc.	40525..	56-1307714..	N/A.....	N/A.....	N/A.....	United Guaranty Credit Insurance Company....	NC.....	IA.....	United Guaranty Corporation.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
1279	Arch Capital Group (U.S.) Inc.	16659..	56-0989041..	N/A.....	N/A.....	N/A.....	United Guaranty Commercial Insurance Company of North Carolina	NC.....	IA.....	United Guaranty Corporation.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
1279	Arch Capital Group (U.S.) Inc.	13694..	27-0550064..	N/A.....	N/A.....	N/A.....	Arch Structured Mortgage Insurance Company.	NC.....	IA.....	United Guaranty Corporation.....	Ownership.....	100.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Prévalois SAS.....	FRA.....	NIA.....	Arch Financial Holdings Europe II Limited.....	Ownership.....	50.000	Arch Capital Group Ltd.....		
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Emerging Beachfront Land Club Investment L.P.	CYM.....	OTH.....	Arch Reinsurance Ltd.....	Ownership.....	40.000	Arch Capital Group Ltd.....		3.....

Q12.2

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)	*
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	CEMOF-A Co-Investment Partners, L.P.....	CYM.....	OTH.....	Arch Investment Holdings II Ltd.....	Ownership.....	100.000	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Special Credit Opportunities (Parallel) II, L.P. - Series A	CYM.....	OTH.....	Arch Investment Holdings I Ltd.....	Ownership.....	100.000	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Special Credit Opportunities (Parallel) II, L.P. - Series B	CYM.....	OTH.....	Arch Investment Holdings I Ltd.....	Ownership.....	99.870	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Carlyle Asia Structured Credit Opportunities Fund-A, L.P.	CYM.....	OTH.....	Arch Reinsurance Ltd.....	Ownership.....	99.000	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Fortress MSR Opportunities Fund I B L.P.....	CYM.....	OTH.....	Arch Capital Holdings Ltd.....	Ownership.....	12.330	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	ADM Galleus Fund II Limited.....	CYM.....	OTH.....	Arch Reinsurance Ltd.....	Ownership.....	47.000	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Convex Asia Fund Ltd.....	CYM.....	OTH.....	Arch Reinsurance Ltd.....	Ownership.....	65.340	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Melody Capital Partners Offshore Credit Fund, L.P.	CYM.....	OTH.....	Arch Investment Holdings III Ltd.....	Ownership.....	24.590	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Castle Creek Capital Partners V, L.P.....	DE.....	OTH.....	Arch Reinsurance Ltd.....	Ownership.....	24.560	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	HPS Principal Strategies - Real Estate Capital Solutions Offshore, L.P.	CYM.....	OTH.....	Arch Reinsurance Ltd.....	Ownership.....	21.170	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Pinebridge Structured Capital Partners Offshore II-A, L.P.	CYM.....	OTH.....	Arch Capital Holdings Ltd.....	Ownership.....	99.340	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Monarch Capital Partners Offshore III LP.....	DE.....	OTH.....	Arch Reinsurance Ltd.....	Ownership.....	16.440	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	45-1541916	N/A.....	N/A.....	N/A.....	Star America Infrastructure Fund, LP.....	DE.....	OTH.....	Arch Specialty Insurance Company.....	Ownership.....	4.000	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	China Car Parks Investment Fund L.P.....	CYM.....	OTH.....	Arch Reinsurance Ltd.....	Ownership.....	14.690	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Carlyle Energy Mezzanine Opportunities Fund II-A, L.P.	CYM.....	OTH.....	Arch Investment Holdings II Ltd.....	Ownership.....	99.000	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Templeton Strategic Emerging Markets Fund IV Asia (Cayman), L.P.	CYM.....	OTH.....	Arch Reinsurance Ltd.....	Ownership.....	100.000	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Carlyle Energy Mezzanine Opportunities Fund-A, L.P.	CYM.....	OTH.....	Arch Investment Holdings II Ltd.....	Ownership.....	99.750	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	CEMOF-A Investors I, LP.....	CYM.....	OTH.....	Arch Investment Holdings II Ltd.....	Ownership.....	100.000	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	CEMOF-A Investors II, LP.....	DE.....	OTH.....	Arch Investment Holdings II Ltd.....	Ownership.....	100.000	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	CEMOF-A AIV Co-Investors, LP.....	CYM.....	OTH.....	Arch Investment Holdings II Ltd.....	Ownership.....	100.000	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	CEMOF II-A Offshore Investors, L.P.....	CYM.....	OTH.....	Arch Investment Holdings II Ltd.....	Ownership.....	100.000	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Oaktree Loan Fund 2x (Cayman) Ltd.....	CYM.....	OTH.....	Arch Reinsurance Ltd.....	Ownership.....	10.270	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Pinebridge Structured Capital Partners Offshore III-A, L.P.	CYM.....	OTH.....	Arch Capital Holdings Ltd.....	Ownership.....	99.000	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	BlackRock Asia Property Fund IV S.A SICAV-SIF	LUX.....	OTH.....	Arch Reinsurance Ltd.....	Ownership.....	23.080	Arch Capital Group Ltd.....	.....	3.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Europe Property Fund IV Feeder S.A SICAV-SIF	LUX.....	OTH.....	Arch Reinsurance Ltd.....	Ownership.....	13.000	Arch Capital Group Ltd.....	.....	3.....

Q12.3

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)	*
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Premia Holdings Ltd.....	BMU.....	NIA.....	Arch Reinsurance Ltd.....	Ownership.....	...23.210	Arch Capital Group Ltd.....	.....	4.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Premia Reinsurance Ltd.....	BMU.....	IA.....	Premia Holdings Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Premia LV1 Ltd.....	BMU.....	NIA.....	Premia Reinsurance Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Premia Holdings Inc.....	DE.....	NIA.....	Premia Holdings Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Premia Solutions Inc.....	DE.....	NIA.....	Premia Holdings Inc.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	32-0539299..	N/A.....	N/A.....	N/A.....	Arch Credit Risk Services Inc.....	DE.....	NIA.....	Arch Capital Group (U.S.) Inc.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Arch UK Holdings Limited.....	GBR.....	NIA.....	Arch Reinsurance Ltd.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Blue Sky Partners Limited.....	GBR.....	NIA.....	Arch UK Holdings Limited.....	Ownership.....	...75.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Archipelago Risk Services Limited.....	GBR.....	NIA.....	Blue Sky Partners Limited.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Lake Shore IC, Inc.....	DC.....	IA.....	Arch Mortgage Risk Transfer PCC Inc.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	.....	.....

Aster Explanation

1	Artisan Partners Holdings LP owns over 10% of the common shares of Arch Capital Group Ltd., but disclaims control.
2	Watford Holdings Ltd. is owned by various shareholders, each holding less than 10% of the voting shares, except for Arch Reinsurance Ltd., which holds approximately 11% of the voting shares of Watford Holdings Ltd.
3	Entity is an investment vehicle which is not operated or controlled by Arch.
4	Premia Holdings Ltd. is owned by unaffiliated shareholders, and Arch Reinsurance Ltd. holds approximately 23.21% of the voting shares of Premia Holdings Ltd.

Q12.4

ARCH MORTGAGE INSURANCE COMPANY

PART 1 - LOSS EXPERIENCE

Lines of Business	Current Year to Date			4 Prior Year to Date Direct Loss Percentage
	1 Direct Premiums Earned	2 Direct Losses Incurred	3 Direct Loss Percentage	
1. Fire.....			0.000	
2. Allied lines.....			0.000	
3. Farmowners multiple peril.....			0.000	
4. Homeowners multiple peril.....			0.000	
5. Commercial multiple peril.....			0.000	
6. Mortgage guaranty.....	348,659,034	10,274,601	2.947	7.628
8. Ocean marine.....			0.000	
9. Inland marine.....			0.000	
10. Financial guaranty.....			0.000	
11.1. Medical professional liability - occurrence.....			0.000	
11.2. Medical professional liability - claims-made.....			0.000	
12. Earthquake.....			0.000	
13. Group accident and health.....			0.000	
14. Credit accident and health.....			0.000	
15. Other accident and health.....			0.000	
16. Workers' compensation.....			0.000	
17.1 Other liability-occurrence.....			0.000	
17.2 Other liability-claims made.....			0.000	
17.3 Excess workers' compensation.....			0.000	
18.1 Products liability-occurrence.....			0.000	
18.2 Products liability-claims made.....			0.000	
19.1, 19.2 Private passenger auto liability.....			0.000	
19.3, 19.4 Commercial auto liability.....			0.000	
21. Auto physical damage.....			0.000	
22. Aircraft (all perils).....			0.000	
23. Fidelity.....			0.000	
24. Surety.....			0.000	
26. Burglary and theft.....			0.000	
27. Boiler and machinery.....			0.000	
28. Credit.....			0.000	
29. International.....			0.000	
30. Warranty.....			0.000	
31. Reinsurance-nonproportional assumed property.....	XXX	XXX	XXX	XXX
32. Reinsurance-nonproportional assumed liability.....	XXX	XXX	XXX	XXX
33. Reinsurance-nonproportional assumed financial lines.....	XXX	XXX	XXX	XXX
34. Aggregate write-ins for other lines of business.....	0	0	0.000	
35. Totals.....	348,659,034	10,274,601	2.947	7.628

DETAILS OF WRITE-INS

3401.....			0.000	
3402.....			0.000	
3403.....			0.000	
3498 Sum. of remaining write-ins for Line 34 from overflow page.....	0	0	0.000	XXX
3499 Totals (Lines 3401 thru 3403 plus 3498) (Line 34).....	0	0	0.000	

PART 2 - DIRECT PREMIUMS WRITTEN

Lines of Business	1	2	3
	Current Quarter	Current Year to Date	Prior Year Year to Date
1. Fire.....			
2. Allied lines.....			
3. Farmowners multiple peril.....			
4. Homeowners multiple peril.....			
5. Commercial multiple peril.....			
6. Mortgage guaranty.....	147,216,024	372,058,435	236,406,015
8. Ocean marine.....			
9. Inland marine.....			
10. Financial guaranty.....			
11.1 Medical professional liability - occurrence.....			
11.2 Medical professional liability - claims made.....			
12. Earthquake.....			
13. Group accident and health.....			
14. Credit accident and health.....			
15. Other accident and health.....			
16. Workers' compensation.....			
17.1 Other liability-occurrence.....			
17.2 Other liability-claims made.....			
17.3 Excess workers' compensation.....			
18.1 Products liability-occurrence.....			
18.2 Products liability-claims made.....			
19.1 19.2 Private passenger auto liability.....			
19.3 19.4 Commercial auto liability.....			
21. Auto physical damage.....			
22. Aircraft (all perils).....			
23. Fidelity.....			
24. Surety.....			
26. Burglary and theft.....			
27. Boiler and machinery.....			
28. Credit.....			
29. International.....			
30. Warranty.....			
31. Reinsurance-nonproportional assumed property.....	XXX	XXX	XXX
32. Reinsurance-nonproportional assumed liability.....	XXX	XXX	XXX
33. Reinsurance-nonproportional assumed financial lines.....	XXX	XXX	XXX
34. Aggregate write-ins for other lines of business.....	0	0	0
35. Totals.....	147,216,024	372,058,435	236,406,015

DETAILS OF WRITE-INS

3401.....			
3402.....			
3403.....			
3498 Sum. of remaining write-ins for Line 34 from overflow page.....	0	0	0
3499 Totals (Lines 3401 thru 3403 plus 3498) (Line 34).....	0	0	0

PART 3 (000 omitted)

LOSS AND LOSS ADJUSTMENT EXPENSE RESERVES SCHEDULE

	1	2	3	4	5	6	7	8	9	10	11	12	13
Years in Which Losses Occurred	Prior Year-End Known Case Loss and LAE Reserves	Prior Year-End IBNR Loss and LAE Reserves	Total Prior Year-End Loss and LAE Reserves (Cols. 1 + 2)	2018 Loss and LAE Payments on Claims Reported as of Prior Year-End	2018 Loss and LAE Payments on Claims Unreported as of Prior Year-End	Total 2018 Loss and LAE Payments (Cols. 4 + 5)	Q.S. Date Known Case Loss and LAE Reserves on Claims Reported and Open as of Prior Year-End	Q.S. Date Known Case Loss and LAE Reserves on Claims Reported or Reopened Subsequent to Prior Year-End	Q.S. Date IBNR Loss and LAE Reserves	Total Q.S. Loss and LAE Reserves (Cols. 7 + 8 + 9)	Prior Year-End Known Case Loss and LAE Reserves Developed (Savings)/Deficiency (Cols. 4 + 7 minus Col. 1)	Prior Year-End IBNR Loss and LAE Reserves Developed (Savings)/Deficiency (Cols. 5 + 8 + 9 minus Col. 2)	Prior Year-End Total Loss and LAE Reserve Developed (Savings)/Deficiency (Cols. 11 + 12)
1. 2015 + Prior.....	85,242	2,850	88,092	26,969	518	27,487	54,312	301	4,473	59,086	(3,961)	2,442	(1,519)
2. 2016.....	46,404	1,792	48,196	16,425	151	16,576	20,623	150	1,899	22,672	(9,356)	408	(8,948)
3. Subtotals 2016 + Prior.....	131,646	4,642	136,288	43,394	669	44,063	74,935	451	6,372	81,758	(13,317)	2,850	(10,467)
4. 2017.....	67,750	12,620	80,370	12,196	534	12,730	42,486	6,091	5,506	54,083	(13,068)	(489)	(13,557)
5. Subtotals 2017 + Prior.....	199,396	17,262	216,658	55,590	1,203	56,793	117,421	6,542	11,878	135,841	(26,385)	2,361	(24,024)
6. 2018.....	XXX	XXX	XXX	XXX	697	697	XXX	38,591	8,500	47,091	XXX	XXX	XXX
7. Totals.....	199,396	17,262	216,658	55,590	1,900	57,490	117,421	45,133	20,378	182,932	(26,385)	2,361	(24,024)
8. Prior Year-End's Surplus As Regards Policyholders	471,932										Col. 11, Line 7 As % of Col. 1, Line 7	Col. 12, Line 7 As % of Col. 2, Line 7	Col. 13, Line 7 As % of Col. 3, Line 7
											1. ....(13.2)%	2. ....13.7%	3. ....(11.1)%
													Col. 13, Line 7 Line 8
													4. ....(5.1)%

Q14

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 Supplement A to Schedule T (Medical Professional Liability Supplement) be filed with this statement?	NO
3. Will the Medicare Part D Coverage Supplement be filed with the state of domicile and the NAIC with this statement?	NO
4. Will the Director and Officer Insurance Coverage Supplement be filed with the state of domicile and the NAIC with this statement?	NO

Explanation:

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.

Bar Code:



ARCH MORTGAGE INSURANCE COMPANY
Overflow Page for Write-Ins

Additional Write-ins for Liabilities:

	1 Current Statement Date	2 December 31, Prior Year
2504. Deferred Ceding Commission.....	16,575,864	12,204,347
2597. Summary of remaining write-ins for Line 25.....	16,575,864	12,204,347

ARCH MORTGAGE 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.....	0	232,750
2. Cost of acquired:		
2.1 Actual cost at time of acquisition.....	755,130	
2.2 Additional investment made after acquisition.....		
3. Current year change in encumbrances.....		
4. Total gain (loss) on disposals.....	(84,072)	
5. Deduct amounts received on disposals.....	462,178	232,750
6. Total foreign exchange change in book/adjusted carrying value.....		
7. Deduct current year's other-than-temporary impairment recognized.....	(38,120)	
8. Deduct current year's depreciation.....		
9. Book/adjusted carrying value at end of current period (Lines 1+2+3+4-5+6-7-8).....	247,000	0
10. Deduct total nonadmitted amounts.....		
11. Statement value at end of current period (Line 9 minus Line 10).....	247,000	0

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.....	NONE	
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.....	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.....	NONE	
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 depreciation.....		
9. Total foreign exchange change in book/adjusted carrying value.....		
10. Deduct current year's other-than-temporary impairment recognized.....		
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10).....	0	0
12. Deduct total nonadmitted amounts.....		
13. Statement value at end of current period (Line 11 minus Line 12).....	0	0

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.....	1,789,891,933	511,199,135
2. Cost of bonds and stocks acquired.....	1,366,571,531	1,910,882,897
3. Accrual of discount.....	1,550,775	661,612
4. Unrealized valuation increase (decrease).....	3,123,243	2,820,069
5. Total gain (loss) on disposals.....	(11,541,381)	(791,157)
6. Deduct consideration for bonds and stocks disposed of.....	1,161,643,290	627,686,895
7. Deduct amortization of premium.....	6,986,360	7,193,729
8. Total foreign exchange change in book/adjusted carrying value.....		
9. Deduct current year's other-than-temporary impairment recognized.....		
10. Total investment income recognized as a result of prepayment penalties and/or acceleration fees.....	117,428	
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10).....	1,981,083,879	1,789,891,933
12. Deduct total nonadmitted amounts.....	32,743,058	29,344,261
13. Statement value at end of current period (Line 11 minus Line 12).....	1,948,340,821	1,760,547,672

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).....	1,524,446,479	339,311,114	306,801,655	2,043,979	1,562,472,062	1,524,446,479	1,558,999,918	1,535,757,037
2. NAIC 2 (a).....	334,001,608	37,087,900	51,389,328	(1,810,123)	294,569,142	334,001,608	317,890,057	245,464,260
3. NAIC 3 (a).....	13,998,868	43,280,997	2,636,112	(1,599,859)	28,252,957	13,998,868	53,043,894	7,830,104
4. NAIC 4 (a).....	996,407	56,482,492	1,132,848	(494,897)	996,379	996,407	55,851,154	996,280
5. NAIC 5 (a).....							0	
6. NAIC 6 (a).....	1,000,000				1,000,000	1,000,000	1,000,000	1,000,000
7. Total Bonds.....	1,874,443,362	476,162,504	361,959,943	(1,860,900)	1,887,290,540	1,874,443,362	1,986,785,023	1,791,047,681
PREFERRED STOCK								
8. NAIC 1.....							0	
9. NAIC 2.....							0	
10. NAIC 3.....							0	
11. NAIC 4.....							0	
12. NAIC 5.....							0	
13. NAIC 6.....							0	
14. Total Preferred Stock.....	0	0	0	0	0	0	0	0
15. Total Bonds and Preferred Stock.....	1,874,443,362	476,162,504	361,959,943	(1,860,900)	1,887,290,540	1,874,443,362	1,986,785,023	1,791,047,681

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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 \$.....33,653,818; NAIC 2 \$.....0; NAIC 3 \$.....2,366,722; NAIC 4 \$.....2,423,663; NAIC 5 \$.....0; NAIC 6 \$.....0.

ARCH MORTGAGE INSURANCE COMPANY
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.....	8,787,825	XXX	8,804,885	32,938	75,208

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.....	10,501,994	2,285,187
2. Cost of short-term investments acquired.....	9,055,823	14,081,538
3. Accrual of discount.....	17,135	2,517
4. Unrealized valuation increase (decrease).....	(11,967)	(260)
5. Total gain (loss) on disposals.....	(472)	(132)
6. Deduct consideration received on disposals.....	10,736,000	5,858,275
7. Deduct amortization of premium.....	38,688	8,580
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).....	8,787,825	10,501,994
11. Deduct total nonadmitted amounts.....		
12. Statement value at end of current period (Line 10 minus Line 11).....	8,787,825	10,501,994

**Sch. DB - Pt. A - Verification
NONE**

**Sch. DB - Pt. B - Verification
NONE**

**Sch. DB - Pt. C - Sn. 1
NONE**

**Sch. DB - Pt. C - Sn. 2
NONE**

**Sch. DB - Verification
NONE**

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.....	76,670,834	
2. Cost of cash equivalents acquired.....	1,380,948,081	1,362,663,879
3. Accrual of discount.....	175,588	62,084
4. Unrealized valuation increase (decrease).....		
5. Total gain (loss) on disposals.....	76	0
6. Deduct consideration received on disposals.....	1,399,208,598	1,286,054,904
7. Deduct amortization of premium.....	4,700	225
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).....	58,581,280	76,670,834
11. Deduct total nonadmitted amounts.....		
12. Statement value at end of current period (Line 10 minus Line 11).....	58,581,280	76,670,834

SCHEDULE A - PART 2

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

1 Description of Property	2 Location		3 State	4 Date Acquired	5 Name of Vendor	6 Actual Cost at Time of Acquisition	7 Amount of Encumbrances	8 Book/Adjusted Carrying Value Less Encumbrances	9 Additional Investment Made After Acquisition
	City								
Acquired by Purchase									
Certificate 71808459-Real Estate Owned.....	Canton.....	GA...	08/31/2018....	Federal Home Loan Mortgage Corp.....218,731247,000
0199999. Totals.....					218,7310247,0000
0399999. Totals.....					218,7310247,0000

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SCHEDULE A - PART 3

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

1 Description of Property	2 Location		3 State	4 Disposal Date	5 Name of Purchaser	6 Actual Cost	7 Expended for Additions, Permanent Improvements and Changes in Encumbrances	8 Book/Adjusted Carrying Value Less Encumbrances Prior Year	9 Change in Book/Adjusted Carrying Value Less Encumbrances					14 Book/Adjusted Carrying Value Less Encumbrances on Disposal	15 Amounts Received During Year	16 Foreign Exchange Gain (Loss) on Disposal	17 Realized Gain (Loss) on Disposal	18 Total Gain (Loss) on Disposal	19 Gross Income Earned Less Interest Incurred on Encumbrances	20 Taxes, Repairs, and Expenses Incurred
	City								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.							
Certificate 72290917 Real Estate Owned.	Morris Plains.....	NJ..	07/31/2018	Joshua & Kristen Winner.....	.....536,399	.....	.....	.....	.....9,851	.....	.....(9,851)	.....	.....546,250	.....462,178	.....	.....(84,072)	.....(84,072)	.....	.....1,780
0199999. Totals.....					.....536,399	.....0	.....0	.....0	.....9,851	.....0	.....(9,851)	.....0	.....546,250	.....462,178	.....0	.....(84,072)	.....(84,072)	.....0	.....1,780
0399999. Totals.....					.....536,399	.....0	.....0	.....0	.....9,851	.....0	.....(9,851)	.....0	.....546,250	.....462,178	.....0	.....(84,072)	.....(84,072)	.....0	.....1,780

**Sch. B - Pt. 2
NONE**

**Sch. B - Pt. 3
NONE**

**Sch. BA - Pt. 2
NONE**

**Sch. BA - Pt. 3
NONE**

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											
912828	4K	3	UNITED STATES TREASURY		09/27/2018	VARIOUS		34,003,662	34,000,000	116,444	1
912828	4N	7	UNITED STATES TREASURY		07/17/2018	WELLS FARGO SECURITIES LLC		550,646	550,000	2,750	1
912828	4V	9	UNITED STATES TREASURY		08/17/2018	Amherst Pierpont Securities		50,093,750	50,000,000	19,531	1
912828	4W	7	UNITED STATES TREASURY		08/31/2018	Citigroup (SSB)		801,283	800,000	1,196	1
912828	Y4	6	UNITED STATES TREASURY		08/03/2018	Cantor Fitzgerald		1,599,375	1,600,000	799	1
912828	Y5	3	UNITED STATES TREASURY		09/26/2018	VARIOUS		42,499,403	42,500,000	105,455	1
912828	Y6	1	UNITED STATES TREASURY		08/07/2018	BANC OF AMERICA/FIXED INCOME		4,683,109	4,700,000	3,161	1
0599999			Total - Bonds - U.S. Government					134,231,228	134,150,000	249,336	XXX
Bonds - U.S. States, Territories and Possessions											
93974D	YR	3	WASHINGTON ST		07/12/2018	BARCLAYS CAPITAL INC		1,139,650	1,000,000	22,917	1FE
1799999			Total - Bonds - U.S. States, Territories & Possessions					1,139,650	1,000,000	22,917	XXX
Bonds - U.S. Political Subdivisions of States											
44256P	DL	4	HOWARD CNTY MD		07/01/2018	Fidelity Capital Markets		1,467,288	1,200,000	22,500	1FE
2499999			Total - Bonds - U.S. Political Subdivisions of States					1,467,288	1,200,000	22,500	XXX
Bonds - U.S. Special Revenue and Special Assessment											
167562	QX	8	CHICAGO ILL MIDWAY ARPT REV		08/30/2018	JANNEY MONTGOMERY SCOTT INC		1,687,264	1,545,000	13,519	1FE
249182	KN	5	DENVER COLO CITY & CNTY ARPT REV		09/06/2018	SAMUEL A RAMIREZ & COMPANY INC		1,155,940	1,000,000	15,972	1FE
249182	LL	8	DENVER COLO CITY & CNTY ARPT REV		08/15/2018	MERRILL LYNCH PIERCE FENNER & SMITH INC		1,011,710	1,000,000		1FE
44256P	DL	4	HOWARD CNTY MD		07/01/2018	Fidelity Capital Markets		(1,467,288)	(1,200,000)	(22,500)	1FE
45203H	E7	3	ILLINOIS FIN AUTH REV		09/21/2018	Stifel Nicolaus & Co		2,340,603	2,125,000	15,938	1FE
469466	FH	4	JACKSONVILLE FLA PORT AUTH REV		07/25/2018	MERRILL LYNCH PIERCE FENNER & SMITH INC		2,824,600	2,500,000		1FE
586111	NC	6	MEMPHIS-SHELBY CNTY TENN ARPT AUTH ARPT		08/22/2018	RAYMOND JAMES & ASSOCIATES		2,800,825	2,500,000		1FE
59447T	SM	6	MICHIGAN FIN AUTH REV		08/09/2018	GOLDMAN		1,124,110	1,000,000		1FE
60636A	QH	9	MISSOURI ST HEALTH & EDL FACS AUTH EDL F		07/13/2018	BAUM, GEORGE K., & COMPANY		1,695,635	1,500,000		1FE
66528P	BC	1	NORTHERN IND COMMUTER TRANSN DIST IND RE		08/21/2018	RAYMOND JAMES & ASSOCIATES		3,610,425	3,250,000	23,472	1FE
976596	BB	1	WISCONSIN CTR DIST WIS APPROPRIATION REV		07/02/2018	CITIGROUP GLOBAL MARKETS, INC./CORRESPON		2,305,248	2,200,000	4,889	1FE
3199999			Total - Bonds - U.S. Special Revenue and Special Assessments					19,089,071	17,420,000	51,290	XXX
Bonds - Industrial and Miscellaneous											
00130H	CA	1	AES CORP		07/13/2018	PERSHING DIV OF DLJ SEC LNDING		498,640	500,000	7,625	3FE
00165A	AF	5	AMC ENTERTAINMENT INC	C	07/18/2018	JP MORGAN SECURITIES INC		509,785	500,000	12,648	4FE
00206R	ER	9	AT&T INC		07/09/2018	GOLDMAN		356,373	370,000	6,152	2FE
00206R	GD	8	AT&T INC		08/16/2018	MORGAN STANLEY CO		420,000	420,000		2FE
00287Y	BF	5	ABBVIE INC		09/13/2018	JP MORGAN SECURITIES LLC		649,400	655,000		2FE
00404A	AE	9	ACADIA HEALTHCARE LLC		08/20/2018	VARIOUS		490,684	485,000	11,552	4FE
00404A	AJ	8	ACADIA HEALTHCARE COMPANY INC		07/11/2018	JP MORGAN SECURITIES INC		251,668	250,000	5,781	4FE
00507U	AR	2	ACTAVIS FUNDING SCS	C	08/01/2018	CREDIT SUISSE SECURITIES (USA)		544,912	550,000	7,274	2FE
00508X	AF	1	ACTUANT CORP		07/25/2018	WELLS FARGO SECURITIES LLC		511,250	500,000	3,281	4FE
00774M	AG	0	AERCAP IRELAND CAPITAL DAC	C	08/14/2018	RBC CAPITAL MARKETS		219,747	220,000		2FE
007903	AX	5	ADVANCED MICRO DEVICES INC		07/18/2018	JP MORGAN SECURITIES INC		500,620	450,000	14,531	4FE
00912X	BE	3	AIR LEASE CORP		09/10/2018	WELLS FARGO SECURITIES LLC		511,343	515,000		2FE
00928Q	AG	6	AIRCASTLE LTD		07/12/2018	GOLDMAN		529,840	500,000	9,637	2FE
00928Q	AK	7	AIRCASTLE LTD		07/26/2018	MERRILL LYNCH PIERCE FENNER		671,938	650,000	6,658	2FE
00928Q	AM	3	AIRCASTLE LTD		07/12/2018	MERRILL LYNCH PIERCE FENNER		358,417	350,000	6,029	2FE
013817	AV	3	ARCONIC INC		07/26/2018	GOLDMAN		255,000	250,000	3,938	3FE
02005N	AJ	9	ALLY FINANCIAL INC		07/16/2018	JP MORGAN SECURITIES INC		1,345,312	1,250,000	32,031	3FE

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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)
023765 AA 8	AMERICAN AIRLINES 2016-2 PASS THROUGH TR		09/13/2018	BAIRD, ROBERT W. & COMPANY IN		1,749,145	1,844,000	15,080	1FE
02406P AL 4	AMERICAN AXLE & MANUFACTURING INC		07/12/2018	SUNTRUST ROBINSON HUMPHREY INC		514,675	500,000	8,373	4FE
03232P AD 0	AMSURG CORP		07/13/2018	PERSHING DIV OF DLJ SEC LNDING		512,400	500,000	156	4FE
037411 BE 4	APACHE CORP		08/14/2018	JP MORGAN SECURITIES INC		144,775	145,000		2FE
04017J AJ 0	ARES 49 D - CDO	C	07/06/2018	Bank of New York/Natixis, New		1,000,000	1,000,000		2AM
05369A AD 3	AVIATION CAPITAL GROUP LLC		07/25/2018	MIZUHO SECURITIES USA/FIXED INCOME		355,093	360,000		2FE
06051G GZ 6	BANK OF AMERICA CORP		08/21/2018	MITSUBISHI UFJ SECURITIES (USA), INC		5,560,748	5,726,000	16,061	1FE
06051G HL 6	BANK OF AMERICA CORP		09/14/2018	VARIOUS		8,005,010	8,000,000	17,710	1FE
06738E AE 5	BARCLAYS PLC	C	08/01/2018	BARCLAYS CAPITAL INC		189,486	200,000	2,778	2FE
06738E AQ 8	BARCLAYS PLC	C	08/01/2018	BNP Paribas		491,025	500,000	7,689	2FE
06738E BC 8	BARCLAYS PLC	C	08/03/2018	JP MORGAN SECURITIES INC		419,156	420,000	3,593	2FE
07274N AG 8	BAYER US FINANCE II LLC	C	07/18/2018	MORGAN STANLEY CO		553,052	550,000	1,278	2FE
073685 AB 5	BEACON ROOFING SUPPLY INC		07/19/2018	RBC CAPITAL MARKETS		520,145	500,000	9,917	4FE
085790 BA 0	BERRY PLASTICS ESCROW CORP		07/17/2018	DEUTSCHE BANK SECURITIES, INC		1,030,000	1,000,000	15,667	4FE
095370 AB 8	BLUE CUBE SPINCO INC		07/16/2018	BARCLAYS CAPITAL INC		798,000	700,000	17,631	3FE
095796 AA 6	BLUE RACER MIDSTREAM LLC		07/18/2018	SUNTRUST ROBINSON HUMPHREY INC		303,375	300,000	3,318	4FE
097751 AV 3	BOMBARDIER INC	C	07/18/2018	UBS SECURITIES LLC		530,150	500,000	13,455	4FE
097751 BJ 9	BOMBARDIER INC	C	07/12/2018	UBS SECURITIES LLC		454,050	450,000	6,825	4FE
10112R AY 0	BOSTON PROPERTIES LP		07/02/2018	US BANCORP INVESTMENTS INC		149,165	165,000	1,185	2FE
103304 BK 6	BOYD GAMING CORP		07/10/2018	SUNTRUST ROBINSON HUMPHREY INC		1,795,625	1,700,000	18,505	4FE
10373Q AB 6	BP CAPITAL MARKETS AMERICA INC	C	09/18/2018	MERRILL LYNCH PIERCE FENNER SMITH INC		2,000,000	2,000,000		1FE
11134L AP 4	BROADCOM CORP		09/12/2018	CREDIT SUISSE SECURITIES (USA)		665,942	720,000	3,688	2FE
1248EP AY 9	CCO HOLDINGS LLC		07/19/2018	CREDIT SUISSE SECURITIES (USA)		252,188	250,000	4,120	3FE
1248EP BB 8	CCO HOLDINGS LLC		07/31/2018	VARIOUS		1,717,250	1,700,000	30,683	3FE
12505F AB 7	OUTFRONT MEDIA CAPITAL LLC		07/31/2018	GOLDMAN		505,575	500,000	5,615	4FE
126307 AF 4	CSC HOLDINGS LLC		07/19/2018	PERSHING DIV OF DLJ SEC LNDING		392,213	375,000	4,781	4FE
126650 CX 6	CVS HEALTH CORP		09/10/2018	MORGAN STANLEY CO		562,457	565,000	12,350	2FE
12685J AA 3	CABLE ONE INC		07/18/2018	PERSHING DIV OF DLJ SEC LNDING		512,245	500,000	2,795	4FE
14042R FJ 5	CAPITAL ONE NA		07/20/2018	MIZUHO SECURITIES USA/FIXED INCOME		657,582	650,000	5,385	2FE
146900 AM 7	CASCADES INC	C	07/19/2018	BARCLAYS CAPITAL INC		497,150	500,000	611	3FE
15135B AD 3	CENTENE CORP		07/18/2018	SUNTRUST ROBINSON HUMPHREY INC		379,500	375,000	3,216	3FE
15135B AF 8	CENTENE CORP		07/17/2018	JP MORGAN SECURITIES INC		1,533,750	1,500,000	36,094	3FE
15135U AJ 8	CENOVUS ENERGY INC	C	08/01/2018	PERSHING DIV OF DLJ SEC LNDING		244,620	250,000	3,642	2FE
153527 AL 0	CENTRAL GARDEN & PET CO		07/12/2018	Jefferies		362,355	350,000	3,632	4FE
156700 AN 6	CENTURYTEL INC		07/25/2018	GOLDMAN		256,870	250,000	5,638	4FE
156700 AR 7	CENTURYLINK INC		08/21/2018	VARIOUS		567,937	550,000	3,745	4FE
163851 AB 4	CHEMOURS CO LLC		07/11/2018	GOLDMAN		262,183	250,000	2,668	3FE
172441 AX 5	CINEMARK USA INC		08/24/2018	UBS SECURITIES LLC		100,625	100,000	1,039	4FE
19240C AA 1	COGENT COMMUNICATIONS GROUP INC		08/14/2018	MORGAN STANLEY CO		254,375	250,000	6,308	4FE
202795 JN 1	COMMONWEALTH EDISON CO		08/24/2018	Cantor Fitzgerald		5,057,550	5,000,000	7,194	1FE
203372 AL 1	COMMSCOPE INC		07/19/2018	MORGAN STANLEY CO		752,813	750,000	3,958	3FE
212015 AN 1	CONTINENTAL RESOURCES INC		08/01/2018	BAIRD, ROBERT W. & COMPANY IN		637,214	650,000	4,254	2FE
21685W DF 1	RABOBANK NEDERLAND	C	08/01/2018	CREDIT SUISSE SECURITIES (USA)		275,179	275,000	2,535	2FE
22025Y AM 2	CORRECTIONS CORP OF AMERICA		07/11/2018	BARCLAYS CAPITAL INC		757,500	750,000	8,766	3FE
22282E AE 2	COVANTA HOLDING CORP		07/17/2018	BARCLAYS CAPITAL INC		1,279,687	1,250,000	23,906	4FE
225433 AC 5	CREDIT SUISSE GROUP FUNDING (GUERNSEY) L	C	08/01/2018	HSBC SECURITIES		704,294	725,000	9,591	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)
22822V AK 7	CROWN CASTLE INTERNATIONAL CORP.....		08/02/2018.....	SUNTRUST ROBINSON HUMPHREY INC.....		309,030	325,000	6,861	2FE.....
233331 BA 4	DTE ENERGY CO.....		08/02/2018.....	JP MORGAN SECURITIES INC.....		169,733	170,000		2FE.....
235825 AD 8	DANA HOLDING CORP.....		07/27/2018.....	VARIOUS.....		671,980	650,000	14,633	3FE.....
237266 AG 6	DARLING INTERNATIONAL INC.....		07/30/2018.....	WELLS FARGO SECURITIES LLC.....		661,375	650,000	1,553	3FE.....
23918K AP 3	DAVITA INC.....		09/19/2018.....	VARIOUS.....		1,512,515	1,480,000	32,579	4FE.....
24422E UE 7	JOHN DEERE CAPITAL CORP.....		09/05/2018.....	GOLDMAN.....		9,974,600	10,000,000	169,625	1FE.....
24422E UK 3	JOHN DEERE CAPITAL CORP.....		09/05/2018.....	GOLDMAN SACHS & CO, NY.....		4,498,605	4,500,000		1FE.....
25272K AK 9	DIAMOND 1 FINANCE CORP.....		07/17/2018.....	VARIOUS.....		1,305,685	1,230,000	6,217	2FE.....
25272K AU 7	DIAMOND 1 FINANCE CORP.....		07/18/2018.....	WELLS FARGO SECURITIES LLC.....		768,750	750,000	4,284	3FE.....
25466A AN 1	DISCOVER BANK.....		08/06/2018.....	Citigroup (SSB).....		250,000	250,000		2FE.....
254709 AJ 7	DISCOVER FINANCIAL SERVICES.....		08/02/2018.....	UBS SECURITIES LLC.....		273,578	275,000	2,206	2FE.....
25470D AM 1	DISCOVERY COMMUNICATIONS, LLC.....		07/10/2018.....	GOLDMAN.....		827,946	840,000	10,551	2FE.....
25470X AB 1	DISH DBS CORP.....		07/16/2018.....	JP MORGAN SECURITIES INC.....		1,040,000	1,000,000	29,969	4FE.....
25470X AE 5	DISH DBS CORP.....		07/30/2018.....	VARIOUS.....		607,220	600,000	5,203	4FE.....
25470X AJ 4	DISH DBS CORP.....		07/19/2018.....	PERSHING DIV OF DLJ SEC LNDING.....		423,720	450,000	588	4FE.....
26441Y BB 2	DUKE REALTY LP.....		09/04/2018.....	WELLS FARGO SECURITIES LLC.....		64,302	65,000		2FE.....
26817R AN 8	DYNEGY FINANCE I INC.....		07/24/2018.....	DEUTSCHE BANK SECURITIES, INC.....		1,257,000	1,200,000	20,896	3FE.....
28470R AC 6	ELDORADO RESORTS INC.....		07/19/2018.....	SUNTRUST ROBINSON HUMPHREY INC.....		845,000	800,000	26,756	4FE.....
29278G AJ 7	ENEL FINANCE INTERNATIONAL NV.....	C.....	09/11/2018.....	JP MORGAN SECURITIES LLC.....		536,592	540,000		2FE.....
29355X AD 9	ENPRO INDUSTRIES INC.....		07/27/2018.....	WELLS FARGO SECURITIES LLC.....		408,620	400,000	8,878	4FE.....
30212P AP 0	EXPEDIA INC.....		08/03/2018.....	MORGAN STANLEY CO.....		141,372	150,000	2,723	2FE.....
302941 AM 1	FTI CONSULTING INC.....		07/31/2018.....	VARIOUS.....		872,343	850,000	10,783	3FE.....
319963 BP 8	FIRST DATA CORP.....		07/13/2018.....	JP MORGAN SECURITIES INC.....		1,047,500	1,000,000	8,944	4FE.....
336130 AA 7	FIRST QUALITY FINANCE CO INC.....		09/28/2018.....	VARIOUS.....		498,054	500,000	7,391	4FE.....
337738 AQ 1	FISERV INC.....		09/20/2018.....	WELLS FARGO SECURITIES LLC.....		199,908	200,000		2FE.....
345397 ZC 0	FORD MOTOR CREDIT COMPANY LLC.....		07/11/2018.....	MIZUHO SECURITIES USA/FIXED INCOME.....		1,428,594	1,420,000	10,050	2FE.....
345397 ZG 1	FORD MOTOR CREDIT COMPANY LLC.....		08/06/2018.....	GOLDMAN.....		550,000	550,000		2FE.....
345397 ZJ 5	FORD MOTOR CREDIT COMPANY LLC.....		09/12/2018.....	RBC CAPITAL MARKETS.....		457,175	465,000	1,933	2FE.....
35671D CB 9	FREEMPORT-MCMORAN INC.....		07/17/2018.....	VARIOUS.....		269,526	253,000	7,441	3FE.....
36159R AK 9	GEO GROUP INC.....		07/11/2018.....	BARCLAYS CAPITAL INC.....		765,000	750,000	21,786	4FE.....
361841 AD 1	GLP CAPITAL LP.....		07/16/2018.....	MERRILL LYNCH PIERCE FENNER.....		760,312	750,000	7,820	3FE.....
361841 AJ 8	GLP CAPITAL LP.....		09/17/2018.....	MERRILL LYNCH PIERCE FENNER.....		214,511	210,000	3,828	2FE.....
364725 BA 8	TEGNA INC.....		09/21/2018.....	VARIOUS.....		1,691,344	1,675,000	6,947	3FE.....
370334 CF 9	GENERAL MILLS INC.....		09/10/2018.....	VARIOUS.....		957,448	965,000	12,644	2FE.....
37045V AR 1	GENERAL MOTORS CO.....		09/10/2018.....	TORONTO DOMINION SECS USA INC.....		1,105,309	1,105,000	198	2FE.....
37045X BX 3	GENERAL MOTORS FINANCIAL COMPANY INC.....		07/11/2018.....	BARCLAYS CAPITAL INC.....		1,189,902	1,170,000	1,658	2FE.....
37185L AH 5	GENESIS ENERGY LP.....		07/30/2018.....	MORGAN STANLEY CO.....		615,000	600,000		4FE.....
380881 ER 9	GCCT 184 A - ABS.....	A.....	09/10/2018.....	RBC CAPITAL MARKETS.....		4,997,944	5,000,000		1FE.....
38141G VR 2	GOLDMAN SACHS GROUP INC.....		07/02/2018.....	Amherst Pierpont Securities.....		518,007	525,000	4,586	2FE.....
38141G WJ 9	GOLDMAN SACHS GROUP INC.....		08/24/2018.....	DEUTSCHE BANK SECURITIES, INC.....		3,894,720	4,000,000	26,818	1FE.....
38148L AB 2	GOLDMAN SACHS GROUP INC.....		07/11/2018.....	MIZUHO SECURITIES USA/FIXED INCOME.....		663,935	655,000	5,190	1FE.....
382550 BA 8	GOODYEAR TIRE & RUBBER CO.....		07/24/2018.....	Citigroup (SSB).....		547,500	500,000	19,566	3FE.....
397624 AG 2	GREIF INC.....		07/31/2018.....	WELLS FARGO SECURITIES LLC.....		522,025	500,000	108	3FE.....
398433 AH 5	GRIFFON CORP.....		07/20/2018.....	PERSHING DIV OF DLJ SEC LNDING.....		487,445	500,000	10,427	4FE.....
404121 AC 9	HCA INC.....		07/17/2018.....	DEUTSCHE BANK SECURITIES, INC.....		365,050	350,000	9,732	3FE.....
404121 AD 7	HCA INC.....		07/12/2018.....	JP MORGAN SECURITIES INC.....		1,644,375	1,500,000	46,719	3FE.....

QE04.2

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)
40412C AC 5	HCA HOLDINGS INC.....		07/30/2018.....	DEUTSCHE BANK SECURITIES, INC.....		104,330	100,000	2,882	3FE.....
40573L AS 5	HALFMOON PARENT INC.....		09/12/2018.....	NATWEST SECURITIES.....		408,561	410,000		2FE.....
406216 BG 5	HALLIBURTON CO.....		07/25/2018.....	VARIOUS.....		314,521	316,000	2,233	2FE.....
42806L AA 9	HERC SPINOFF ESCROW ISSUER LLC.....		07/10/2018.....	MERRILL LYNCH PIERCE FENNER.....		677,600	640,000	5,467	4FE.....
42824C BB 4	HEWLETT PACKARD ENTERPRISE CO.....		09/10/2018.....	Citigroup (SSB).....		1,430,000	1,430,000		2FE.....
444454 AA 0	HUGHES SATELLITE SYSTEMS CORP.....		08/23/2018.....	VARIOUS.....		1,327,383	1,235,000	11,442	4FE.....
44701Q AZ 5	HUNTSMAN INTERNATIONAL LLC.....		07/30/2018.....	MERRILL LYNCH PIERCE FENNER.....		483,312	475,000	4,889	3FE.....
45672N AF 8	INFOR (US) INC.....		09/28/2018.....	VARIOUS.....		711,313	700,000	16,260	4FE.....
457030 AJ 3	INGLES MARKET INC.....		07/19/2018.....	BAIRD, ROBERT W., & COMPANY IN.....		251,250	250,000	1,517	3FE.....
460599 AA 1	INTERNATIONAL GAME TECHNOLOGY PLC.....	C.....	07/31/2018.....	VARIOUS.....		870,757	850,000	21,164	3FE.....
460690 BP 4	INTERPUBLIC GROUP OF COMPANIES INC.....		09/20/2018.....	VARIOUS.....		760,949	760,000	178	2FE.....
46284P AQ 7	IRON MOUNTAIN INC.....		09/21/2018.....	VARIOUS.....		1,613,175	1,570,000	34,425	3FE.....
482539 AA 1	KLX INC.....		09/13/2018.....	VARIOUS.....		1,493,697	1,435,000	14,069	4FE.....
512807 AN 8	LAM RESEARCH CORP.....		07/10/2018.....	MITSUBISHI UFJ SECURITIES.....		290,476	290,000	3,582	2FE.....
521865 AY 1	LEAR CORP.....		08/01/2018.....	BARCLAYS CAPITAL INC.....		141,140	150,000	2,185	2FE.....
526057 BN 3	LENNAR CORP.....		07/13/2018.....	BARCLAYS CAPITAL INC.....		750,937	750,000	6,135	3FE.....
527298 AY 9	LEVEL 3 FINANCING INC.....		07/18/2018.....	PERSHING DIV OF DLJ SEC LNDING.....		505,210	500,000	8,082	3FE.....
527298 BD 4	LEVEL 3 ESCROW II INC.....		08/07/2018.....	VARIOUS.....		504,437	500,000	6,133	3FE.....
53219L AM 1	LIFEPOINT HOSPITALS INC.....		07/18/2018.....	PERSHING DIV OF DLJ SEC LNDING.....		505,400	500,000	3,743	3FE.....
532776 AZ 4	LIN TELEVISION CORP.....		07/26/2018.....	SUNTRUST ROBINSON HUMPHREY INC.....		714,875	700,000	8,568	4FE.....
538034 AG 4	LIVE NATION ENTERTAINMENT INC.....		07/31/2018.....	JP MORGAN SECURITIES INC.....		255,313	250,000	1,754	4FE.....
552953 BX 8	MGM RESORTS INTERNATIONAL.....		07/13/2018.....	JP MORGAN SECURITIES INC.....		710,937	650,000	17,072	3FE.....
552953 BY 6	MGM RESORTS INTERNATIONAL.....		07/16/2018.....	JP MORGAN SECURITIES INC.....		789,375	750,000	15,047	3FE.....
55305B AM 3	M/I HOMES INC.....		07/23/2018.....	JP MORGAN SECURITIES INC.....		257,112	250,000	469	3FE.....
55342U AF 1	MPT OPERATING PARTNERSHIP LP.....		07/31/2018.....	JP MORGAN SECURITIES INC.....		526,870	500,000	13,370	3FE.....
565122 AB 4	KEURIG DR PEPPER INC.....	C.....	09/10/2018.....	MORGAN STANLEY CO.....		141,196	140,000	1,913	2FE.....
96950G AB 8	WILLIAMS SCOTSMAN INTERNATIONAL INC.....		07/31/2018.....	Unknown.....		80,000	80,000		4FE.....
575385 AA 7	MASONITE INTERNATIONAL CORP.....		07/20/2018.....	PERSHING DIV OF DLJ SEC LNDING.....		512,020	500,000	10,078	3FE.....
58013M EU 4	MCDONALD'S CORP.....		07/02/2018.....	GOLDMAN.....		230,624	235,000	859	2FE.....
594087 AT 5	MICHAELS STORES INC.....		07/31/2018.....	Jefferies.....		1,010,000	1,000,000	7,670	4FE.....
59565X AB 6	MIDCONTINENT COMMUNICATIONS INVESTOR LLC.....		07/13/2018.....	BARCLAYS CAPITAL INC.....		790,125	750,000	21,771	4FE.....
60855R AG 5	MOLINA HEALTHCARE INC.....		07/18/2018.....	Jefferies.....		510,000	500,000	4,852	4FE.....
615394 AK 9	MOOG INC.....		09/17/2018.....	VARIOUS.....		340,909	335,000	3,220	3FE.....
617446 7Y 9	MORGAN STANLEY.....		07/02/2018.....	MORGAN STANLEY CO.....		470,240	475,000	6,715	2FE.....
617446 8C 6	MORGAN STANLEY.....		08/21/2018.....	FTN Financial.....		2,014,140	2,000,000	6,667	1FE.....
62886E AR 9	NCR CORP.....		07/26/2018.....	MERRILL LYNCH PIERCE FENNER.....		664,625	650,000	4,773	4FE.....
62886H AN 1	NCL CORPORATION LTD.....		07/20/2018.....	CREDIT SUISSE SECURITIES (USA).....		501,875	500,000	2,573	4FE.....
62913T AC 6	NGL ENERGY PARTNERS LP.....		07/20/2018.....	PERSHING DIV OF DLJ SEC LNDING.....		510,620	500,000	9,453	4FE.....
629377 BW 1	NRG ENERGY INC.....		07/31/2018.....	VARIOUS.....		981,466	950,000	1,922	4FE.....
63530Q AE 9	NATIONAL CINEMEDIA LLC.....		07/23/2018.....	BARCLAYS CAPITAL INC.....		510,625	500,000	8,333	4FE.....
637417 AH 9	NATIONAL RETAIL PROPERTIES INC.....		07/02/2018.....	SUNTRUST ROBINSON HUMPHREY INC.....		172,545	175,000	972	2FE.....
637417 AL 0	NATIONAL RETAIL PROPERTIES INC.....		09/18/2018.....	MERRILL LYNCH PIERCE FENNER.....		347,508	350,000		2FE.....
63860U AK 6	NATIONSTAR MORTGAGE LLC.....		07/13/2018.....	CREDIT SUISSE SECURITIES (USA).....		1,006,250	1,000,000	2,889	4FE.....
63938C AD 0	NAVIENT CORP.....		07/26/2018.....	MERRILL LYNCH PIERCE FENNER.....		774,375	750,000	552	3FE.....
64072T AE 5	CSC HOLDINGS LLC.....	C.....	07/12/2018.....	BARCLAYS CAPITAL INC.....		1,105,000	1,000,000	281	4FE.....
641062 AD 6	NESTLE HOLDINGS INC.....	C.....	09/17/2018.....	MERRILL LYNCH PIERCE FENNER SMITH INC.....		7,998,560	8,000,000		1FE.....

QE04.3

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)
641062 AE 4	NESTLE HOLDINGS INC.....	C.....	09/17/2018.....	MERRILL LYNCH PIERCE FENNER.....		8,975,070	9,000,000		1FE.....
641062 AJ 3	NESTLE HOLDINGS INC.....	C.....	09/17/2018.....	JP Morgan Securities Inc.....		2,998,890	3,000,000		1FE.....
64110L AJ 5	NETFLIX INC.....		08/20/2018.....	VARIOUS.....		289,175	280,000	4,172	4FE.....
65409Q BA 9	NIELSEN FINANCE LLC.....	C.....	07/11/2018.....	BARCLAYS CAPITAL INC.....		903,375	900,000	11,475	4FE.....
65409Q BB 7	NIELSEN FINANCE LLC.....	C.....	09/06/2018.....	WELLS FARGO SECURITIES LLC.....		136,325	140,000	2,819	4FE.....
65410C AA 8	NIELSEN CO (LUXEMBOURG) SARL.....	C.....	07/19/2018.....	GOLDMAN.....		760,313	750,000	12,833	4FE.....
654740 BN 8	NISSAN MOTOR ACCEPTANCE CORP.....	C.....	09/18/2018.....	JP Morgan Securities Inc.....		2,500,000	2,500,000		1FE.....
67020Y AD 2	NUANCE COMMUNICATIONS INC (NEW).....		07/24/2018.....	BARCLAYS CAPITAL INC.....		752,812	750,000	18,029	3FE.....
67059T AB 1	NUSTAR LOGISTICS LP.....		07/20/2018.....	PERSHING DIV OF DLJ SEC LNDING.....		504,520	500,000	9,533	3FE.....
67077M AD 0	NUTRIEN LTD.....	C.....	08/13/2018.....	JP MORGAN SECURITIES INC.....		185,992	200,000	2,233	2FE.....
693522 AG 9	PQ CORP.....		07/17/2018.....	CREDIT SUISSE SECURITIES (USA).....		525,625	500,000	6,000	4FE.....
69371R P5 9	PACCAR FINANCIAL CORP.....		08/06/2018.....	CITIGROUP GLOBAL MARKETS INC.....		9,995,900	10,000,000		1FE.....
694308 HP 5	PACIFIC GAS AND ELECTRIC CO.....		07/11/2018.....	Jefferies.....		485,732	535,000	5,787	1FE.....
694308 HZ 3	PACIFIC GAS AND ELECTRIC CO.....		08/02/2018.....	GOLDMAN.....		498,825	500,000		1FE.....
694308 JA 6	PACIFIC GAS AND ELECTRIC CO.....		08/02/2018.....	GOLDMAN.....		209,404	210,000		1FE.....
70959W AE 3	PENSKE AUTOMOTIVE GROUP INC.....		07/24/2018.....	MERRILL LYNCH PIERCE FENNER.....		765,000	750,000	13,776	4FE.....
70959W AH 6	PENSKE AUTOMOTIVE GROUP INC.....		07/17/2018.....	SUNTRUST ROBINSON HUMPHREY INC.....		248,500	250,000	4,010	4FE.....
717081 EN 9	PFIZER INC.....		09/04/2018.....	CITIGROUP GLOBAL MARKETS INC.....		5,987,820	6,000,000		1FE.....
744320 AM 4	PRUDENTIAL FINANCIAL INC.....		09/13/2018.....	VARIOUS.....		318,725	305,000	3,728	2FE.....
74456Q BW 5	PUBLIC SERVICE ELECTRIC AND GAS CO.....		09/05/2018.....	MITSUBISHI UFJ SECURITIES.....		7,486,725	7,500,000		1FE.....
749571 AB 1	RHP HOTEL PROPERTIES LP.....		07/20/2018.....	BARCLAYS CAPITAL INC.....		504,375	500,000	6,875	4FE.....
75281A AW 9	RANGE RESOURCES CORP.....		07/31/2018.....	JP MORGAN SECURITIES INC.....		256,843	250,000	2,436	3FE.....
75915Q AC 2	REGIONALCARE HOSPITAL PARTNERS HOLDINGS.....		07/17/2018.....	BARCLAYS CAPITAL INC.....		532,650	500,000	8,938	4FE.....
761735 AD 1	REYNOLDS GROUP LLC.....	C.....	07/31/2018.....	MORGAN STANLEY CO.....		478,360	471,291	14,286	4FE.....
761735 AP 4	REYNOLDS GROUP ISSUER (LUXEMBOURG) SA.....	C.....	07/23/2018.....	PERSHING DIV OF DLJ SEC LNDING.....		243,462	242,277	3,870	4FE.....
761735 AR 0	REYNOLDS GROUP ISSUER INC.....	C.....	07/16/2018.....	BARCLAYS CAPITAL INC.....		1,265,625	1,250,000	406	4FE.....
77340R AK 3	ROCKIES EXPRESS PIPELINE LLC.....		07/20/2018.....	PERSHING DIV OF DLJ SEC LNDING.....		515,970	500,000	7,734	3FE.....
77342K AG 5	ROCKT 182 D - CDO.....		08/06/2018.....	MERRILL LYNCH PIERCE FENNER.....		1,000,000	1,000,000		2AM.....
780097 AY 7	ROYAL BANK OF SCOTLAND GROUP PLC.....	C.....	09/21/2018.....	VARIOUS.....		300,126	287,000	4,732	2FE.....
780097 BD 2	ROYAL BANK OF SCOTLAND GROUP PLC.....	C.....	09/14/2018.....	DEUTSCHE BANK SECURITIES, INC.....		239,706	245,000	158	2FE.....
780097 BG 5	ROYAL BANK OF SCOTLAND.....	C.....	08/01/2018.....	MORGAN STANLEY CO.....		201,162	200,000	2,038	2FE.....
780099 CH 8	ROYAL BANK OF SCOTLAND GROUP PLC.....	C.....	08/01/2018.....	GOLDMAN.....		636,912	625,000	5,783	2FE.....
78442F EJ 3	NAVIENT CORP.....		07/17/2018.....	CREDIT SUISSE SECURITIES (USA).....		528,850	500,000	12,667	3FE.....
78442F EL 8	NAVIENT CORP.....		07/23/2018.....	PERSHING DIV OF DLJ SEC LNDING.....		209,558	200,000		3FE.....
78572X AE 1	SABRA HEALTH CARE LP.....		07/12/2018.....	BARCLAYS CAPITAL INC.....		1,018,750	1,000,000	25,208	2FE.....
80282K AE 6	SANTANDER HOLDINGS USA INC.....	C.....	08/01/2018.....	BARCLAYS CAPITAL INC.....		399,992	400,000	800	2FE.....
808194 AB 0	SCHULMAN A INC.....	C.....	08/01/2018.....	MERRILL LYNCH PIERCE FENNER.....		527,300	500,000	5,920	4FE.....
81180W AV 3	SEAGATE HDD CAYMAN.....	C.....	08/01/2018.....	UBS SECURITIES LLC.....		376,451	375,000	6,729	2FE.....
817565 BW 3	SERVICE CORP INTERNATIONAL.....		09/19/2018.....	BARCLAYS CAPITAL INC.....		1,453,870	1,450,000	19,275	3FE.....
824348 AR 7	SHERWIN-WILLIAMS CO.....		07/02/2018.....	PERSHING DIV OF DLJ SEC LNDING.....		139,789	145,000	2,140	2FE.....
82481L AC 3	SHIRE ACQUISITIONS INVESTMENTS IRELAND D.....	C.....	08/01/2018.....	BARCLAYS CAPITAL INC.....		543,921	575,000	5,970	2FE.....
827048 AR 0	SILGAN HOLDINGS INC.....		07/26/2018.....	MITSUBISHI UFJ SECURITIES.....		761,250	750,000	20,510	3FE.....
829259 AN 0	SINCLAIR TELEVISION GROUP INC.....		07/19/2018.....	GOLDMAN.....		1,021,250	1,000,000	19,056	4FE.....
84762L AQ 8	SPECTRUM BRANDS ESCROW CORP.....		07/27/2018.....	MORGAN STANLEY CO.....		645,312	625,000	8,741	4FE.....
85172F AD 1	SPRINGLEAF FINANCE CORP.....		07/26/2018.....	MERRILL LYNCH PIERCE FENNER.....		675,000	625,000	16,011	4FE.....
852061 AR 1	SPRINT NEXTEL CORP.....	C.....	07/13/2018.....	GOLDMAN.....		1,041,250	1,000,000	29,556	4FE.....

QE04.4

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)
85207U AE 5	SPRINT CORP.....	C.....	07/17/2018.....	BARCLAYS CAPITAL INC.....		260,000	250,000	6,243	4FE.....
853496 AB 3	STANDARD INDUSTRIES INC.....		09/06/2018.....	PERSHING DIV OF DLJ SEC LNDING.....		255,598	250,000	955	3FE.....
85571B AG 0	STARWOOD PROPERTY TRUST INC.....		07/31/2018.....	MERRILL LYNCH PIERCE FENNER.....		507,500	500,000	3,264	3FE.....
858119 BC 3	STEEL DYNAMICS INC.....		07/26/2018.....	GOLDMAN.....		761,250	750,000	12,706	3FE.....
86614R AG 2	SUMMIT MATERIALS LLC.....		07/23/2018.....	PERSHING DIV OF DLJ SEC LNDING.....		407,116	400,000	681	4FE.....
86614R AK 3	SUMMIT MATERIALS LLC.....		07/23/2018.....	PERSHING DIV OF DLJ SEC LNDING.....		377,055	350,000	8,264	4FE.....
86765L AH 0	SUNOCO LP.....		08/23/2018.....	CREDIT SUISSE SECURITIES (USA).....		246,563	250,000	1,422	3FE.....
871503 AH 1	SYMANTEC CORP.....		07/30/2018.....	UBS SECURITIES LLC.....		251,562	250,000	3,967	3FE.....
87264A AM 7	T-MOBILE USA INC.....	C.....	07/30/2018.....	VARIOUS.....		1,555,795	1,505,000	33,875	3FE.....
87470L AE 1	TALLGRASS ENERGY PARTNERS LP.....		09/24/2018.....	WELLS FARGO SECURITIES LLC.....		225,000	225,000		3FE.....
878742 BC 8	TECK RESOURCES LTD.....	C.....	07/26/2018.....	GOLDMAN.....		771,750	700,000	9,751	3FE.....
88033G BY 5	TENET HEALTHCARE CORP.....		07/11/2018.....	BARCLAYS CAPITAL INC.....		1,741,250	1,750,000	22,313	3FE.....
89236T FM 2	TOYOTA MOTOR CREDIT CORP.....	C.....	09/17/2018.....	RBC CAPITAL MARKETS.....		5,000,000	5,000,000		1FE.....
89236T FN 0	TOYOTA MOTOR CREDIT CORP.....	C.....	09/17/2018.....	RBC CAPITAL MARKETS.....		4,990,200	5,000,000		1FE.....
893647 AR 8	TRANSDIGM INC.....		07/26/2018.....	UBS SECURITIES LLC.....		703,500	700,000	11,229	4FE.....
896047 AH 0	TRIBUNE MEDIA CO.....		07/20/2018.....	SUNTRUST ROBINSON HUMPHREY INC.....		501,250	500,000	734	4FE.....
904764 BG 1	UNILEVER CAPITAL CORP.....	C.....	09/04/2018.....	GOLDMAN SACHS & CO, NY.....		3,474,730	3,500,000		1FE.....
913017 CY 3	UNITED TECHNOLOGIES CORP.....		08/13/2018.....	HSBC SECURITIES.....		389,860	390,000		2FE.....
913017 DD 8	UNITED TECHNOLOGIES CORP.....		08/13/2018.....	MORGAN STANLEY CO.....		189,677	190,000		2FE.....
91336R AA 2	UNIVAR USA INC.....		07/19/2018.....	GOLDMAN.....		725,375	700,000	1,050	4FE.....
91359P AJ 9	UNIVERSAL HOSPITAL SERVICES INC.....		07/18/2018.....	Jefferies.....		753,750	750,000	24,622	4FE.....
91823K AA 7	VFH PARENT LLC.....		07/31/2018.....	JP MORGAN SECURITIES INC.....		515,625	500,000	4,406	4FE.....
925651 AA 9	VICI PROPERTIES 1 LLC.....		07/13/2018.....	JP MORGAN SECURITIES INC.....		498,375	450,000	9,200	4FE.....
92857W BK 5	VODAFONE GROUP PLC.....	C.....	07/09/2018.....	Jefferies.....		521,243	520,000	2,591	2FE.....
92912E AA 1	VALEANT PHARMACEUTICALS INTERNATIONAL IN.....	C.....	09/13/2018.....	VARIOUS.....		1,500,806	1,470,000	30,494	4FE.....
92933B AF 1	WMG ACQUISITION CORP.....		07/23/2018.....	JP MORGAN SECURITIES INC.....		510,225	500,000	7,813	4FE.....
931427 AH 1	WALGREENS BOOTS ALLIANCE INC.....		08/21/2018.....	DEUTSCHE BANK SECURITIES, INC.....		3,477,355	3,500,000	35,097	2FE.....
94974B EV 8	WELLS FARGO & CO.....		08/22/2018.....	WELLS FARGO ADVISORS LLC.....		10,345,700	10,000,000	182,722	1FE.....
94988J 5R 4	WELLS FARGO BANK NA.....		08/07/2018.....	WELLS FARGO ADVISORS LLC.....		5,990,220	6,000,000		1FE.....
95000U 2B 8	WELLS FARGO & CO.....		09/24/2018.....	MORGAN STANLEY & CO. LLC.....		5,788,320	6,000,000	28,000	1FE.....
95081Q AK 0	WESCO DISTRIBUTION INC.....		07/31/2018.....	VARIOUS.....		511,132	500,000	3,281	4FE.....
95081Q AM 6	WESCO DISTRIBUTION INC.....		07/30/2018.....	BARCLAYS CAPITAL INC.....		235,394	238,000	1,635	4FE.....
96145D AE 5	WESTROCK CO.....		07/10/2018.....	SUNTRUST ROBINSON HUMPHREY INC.....		798,824	810,000	10,631	2FE.....
966387 AH 5	WHITING PETROLEUM CORP.....		08/20/2018.....	JP MORGAN SECURITIES INC.....		246,000	240,000	6,018	4FE.....
96926J AA 5	WILLIAM CARTER CO.....		07/19/2018.....	PERSHING DIV OF DLJ SEC LNDING.....		253,791	250,000	5,619	3FE.....
96950G AA 0	WILLIAMS SCOTSMAN INTERNATIONAL INC.....		07/23/2018.....	DEUTSCHE BANK SECURITIES, INC.....		261,325	250,000	2,188	4FE.....
98310W AG 3	WYNDHAM WORLDWIDE CORP.....		07/17/2018.....	BARCLAYS CAPITAL INC.....		513,125	500,000	10,781	3FE.....
983793 AD 2	XPO LOGISTICS INC.....		07/31/2018.....	UBS SECURITIES LLC.....		1,287,813	1,250,000	7,177	4FE.....
986255 AY 3	YCLO 1RR CRR - CDO.....		08/08/2018.....	Citigroup (SSB).....		1,000,000	1,000,000		1FE.....
98877D AC 9	ZF NORTH AMERICA CAPITAL INC.....	C.....	08/01/2018.....	VARIOUS.....		756,650	740,000	9,146	2FE.....
989194 AM 7	ZAYO GROUP LLC.....		07/19/2018.....	BARCLAYS CAPITAL INC.....		766,875	750,000	14,000	4FE.....
98932K AA 0	ZEKELMAN INDUSTRIES INC.....		07/18/2018.....	CREDIT SUISSE SECURITIES (USA).....		492,750	450,000	4,320	4FE.....
3899999	Total - Bonds - Industrial and Miscellaneous.....					265,178,031	262,792,568	2,187,252	.XXX.....
Bonds - Hybrid Securities									
744320 AL 6	PRUDENTIAL FINANCIAL INC.....		08/03/2018.....	PERSHING DIV OF DLJ SEC LNDING.....		74,900	70,000	1,622	2FE.....
4899999	Total - Bonds - Hybrid Securities.....					74,900	70,000	1,622	.XXX.....

QE04.5

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)
8399997	Total - Bonds - Part 3					421,180,168	416,632,568	2,534,917	XXX
8399999	Total - Bonds					421,180,168	416,632,568	2,534,917	XXX
9999999	Total - Bonds, Preferred and Common Stocks					421,180,168	XXX	2,534,917	XXX

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

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 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)
Bonds - U.S. Government																					
912828	3T 5		07/02/2018	Citigroup (SSB)		2,999,464	3,000,000	2,999,678				2	2		2,999,680		(216)	(216)	14,081	01/31/2020	1
912828	4K 3		09/20/2018	VARIOUS		39,231,793	39,230,000	39,234,481			(1,498)		(1,498)		39,232,983		(1,190)	(1,190)	217,042	04/30/2020	1
912828	4N 7		07/30/2018	MORGAN STANLEY CO		545,423	550,000	550,646			(1)		(1)		550,645		(5,222)	(5,222)	3,309	05/15/2028	1
912828	4R 8		07/09/2018	VARIOUS		2,761,428	2,750,000	2,762,722			(28)		(28)		2,762,695		(1,267)	(1,267)	7,568	05/31/2025	1
912828	4V 9		08/24/2018	MERRILL LYNCH PIERCE FENNER SMITH INC		5,025,977	5,000,000	5,009,375			(17)		(17)		5,009,358		16,619	16,619	5,078	08/15/2028	1
912828	4W 7		09/11/2018	VARIOUS		799,319	800,000	801,283			(7)		(7)		801,275		(1,956)	(1,956)	1,599	08/15/2021	1
912828	X9 6		08/17/2018	BNYM/PIERPONT SEC		51,612,953	52,595,000	52,673,538	52,658,006		(16,645)		(16,645)		52,641,361		(1,028,408)	(1,028,408)	603,736	05/15/2020	1
912828	Y5 3		09/19/2018	VARIOUS		10,499,111	10,500,000	10,501,350			(36)		(36)		10,501,314		(2,204)	(2,204)	25,925	07/31/2020	1
91362*	AA 9		09/15/2018	Unknown		650,000	650,000	650,000	650,000				0		650,000			0		12/12/2023	1
0599999	Total - Bonds - U.S. Government					114,125,467	115,075,000	115,183,073	53,308,006	0	(18,230)	0	(18,230)	0	115,149,311	0	(1,023,844)	(1,023,844)	878,338	XXX	XXX
Bonds - U.S. States, Territories and Possessions																					
57582P	G4 6		07/05/2018	JEFFERIES & CO. - BONDS DIRECT		5,212,250	5,000,000	5,538,300	5,199,226		(36,528)		(36,528)		5,162,698		49,552	49,552	154,444	10/01/2027	1FE
1799999	Total - Bonds - U.S. States, Territories & Possessions					5,212,250	5,000,000	5,538,300	5,199,226	0	(36,528)	0	(36,528)	0	5,162,698	0	49,552	49,552	154,444	XXX	XXX
Bonds - U.S. Political Subdivisions of States																					
508655	JD 0		09/19/2018	MESIROW FINANCIAL INC		2,258,102	2,200,000	2,320,648	2,308,987		(32,031)		(32,031)		2,276,956		(18,854)	(18,854)	70,889	12/01/2020	1FE
514014	NW 5		07/03/2018	MORGAN STANLEY & CO. LLC		1,127,310	1,000,000	1,208,000	1,145,114		(14,136)		(14,136)		1,130,978		(3,668)	(3,668)	48,750	01/15/2023	1FE
810759	PH 7		08/02/2018	BANK OF NEW YORK/FMSBONDS, INC		1,073,000	1,000,000	1,072,820	1,070,270		(5,893)		(5,893)		1,064,377		8,623	8,623	36,250	11/15/2026	3FE
969078	RS 5		07/02/2018	JEFFERIES & CO. - BONDS DIRECT		5,041,999	5,770,000	4,815,527	4,962,602		70,126		70,126		5,032,728		9,271	9,271		11/01/2023	1FE
2499999	Total - Bonds - U.S. Political Subdivisions of States					9,500,411	9,970,000	9,416,995	9,486,972	0	18,066	0	18,066	0	9,505,038	0	(4,627)	(4,627)	155,889	XXX	XXX
Bonds - U.S. Special Revenue and Special Assessment																					
091096	KN 6		07/12/2018	Jefferies		1,651,300	1,400,000	1,721,678	1,713,450		(17,119)		(17,119)		1,696,332		(45,032)	(45,032)	72,917	01/01/2028	1FE
13937X	DT 2		09/19/2018	VARIOUS		989,000	995,000	1,013,179	1,011,546		(4,396)		(4,396)		1,007,150		(18,150)	(18,150)	19,918	09/01/2020	1FE
235416	N8 3		07/02/2018	BARCLAYS CAPITAL INC		1,270,093	1,260,000	1,378,654	1,301,454		(28,103)		(28,103)		1,273,351		(3,258)	(3,258)	47,950	10/01/2030	1FE
259561	RK 6		07/02/2018	PIPER JAFFRAY		1,332,828	1,230,000	1,395,300	1,331,072		(13,378)		(13,378)		1,317,693		15,135	15,135	51,933	09/01/2021	1FE
407287	MA 6		08/21/2018	Bank of NYC		2,926,900	2,500,000	3,061,700	3,044,908		(41,054)		(41,054)		3,003,854		(76,954)	(76,954)	90,972	12/01/2025	1FE
43232V	SU 6		08/21/2018	Jefferies		5,782,850	5,000,000	6,032,100	5,999,861		(79,899)		(79,899)		5,919,962		(137,112)	(137,112)	286,111	07/01/2026	1FE
45506D	TE 5		07/18/2018	CITIGROUP GLOBAL MARKETS, INC./CORRESPON		1,744,590	1,500,000	1,814,445	1,804,733		(20,544)		(20,544)		1,784,188		(39,598)	(39,598)	72,708	02/01/2026	1FE
49151E	8P 1		07/02/2018	JEFFERIES & CO. - BONDS DIRECT		2,405,640	2,400,000	2,665,056	2,450,094		(43,692)		(43,692)		2,406,402		(762)	(762)	111,333	08/01/2018	1FE
567656	EC 3		09/27/2018	Call @ 100.00		100,000	100,000	100,772	100,086	.650	(114)		536		100,622		(622)	(622)	2,625	11/01/2022	3FE
59259N	2G 7		08/21/2018	Unknown		875,880	725,000	921,678	916,450		(12,759)		(12,759)		903,691		(27,811)	(27,811)	29,393	11/15/2027	1FE

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	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)
67884N EC 9	OKLAHOMA DEPT TRANSN REV.....		07/02/2018.	JEFFERIES & CO. - BONDS DIRECT		3,166,317	3,150,000	3,520,598	3,227,661		(59,171)		(59,171)		3,168,490		(2,173)	(2,173)	133,000	09/01/2020.	1FE.....
678908 N5 9	OKLAHOMA DEV FIN AUTH REV.....		07/02/2018.	JEFFERIES & CO. - BONDS DIRECT		2,426,485	2,195,000	2,554,475	2,532,341		(40,794)		(40,794)		2,491,547		(65,063)	(65,063)	97,556	02/15/2042.	1FE.....
837152 SE 8	SOUTH CAROLINA TRANSN INFRASTRUCTURE BK		07/03/2018.	MORGAN STANLEY & CO. LLC..		2,116,233	2,100,000	2,541,000	2,157,697		(39,304)		(39,304)		2,118,393		(2,160)	(2,160)	80,208	10/01/2018.	1FE.....
977092 XE 0	WISCONSIN ST CLEAN WTR REV.....		07/02/2018.	RAYMOND JAMES & ASSOCIATES INC.		5,514,538	4,795,000	5,714,249	5,701,417		(67,892)		(67,892)		5,633,525		(118,987)	(118,987)	142,518	06/01/2028.	1FE.....
3199999.	Total - Bonds - U.S. Special Revenue and Special Assessments.					32,302,653	29,350,000	34,434,884	33,292,768	650	(468,219)	0	(467,569)	0	32,825,199	0	(522,547)	(522,547)	1,239,143	XXX	XXX
Bonds - Industrial and Miscellaneous																					
00191L AU 6	ARES 28R C1R - CDO.....		09/14/2018.	Paydown.....		1,000,000	1,000,000	1,002,980	1,002,803		(2,803)		(2,803)		1,000,000			0	36,929	10/17/2024.	1FE.....
00206R CK 6	AT&T INC.....		08/24/2018.	MORGAN STANLEY CO.....		306,318	303,000	307,294	306,965		(1,077)		(1,077)		305,888		430	430	6,138	06/30/2020.	2FE.....
00206R ER 9	AT&T INC.....		09/21/2018.	MITSUBISHI UFJ SECURITIES.....		145,352	150,000	144,475			98		98		144,574		778	778	3,758	02/15/2028.	2FE.....
00206R ES 7	AT&T INC.....		08/24/2018.	CREDIT SUISSE SECURITIES (USA)		175,679	182,000	179,816			95		95		179,911		(4,232)	(4,232)	5,804	02/15/2030.	2FE.....
002824 BA 7	ABBOTT LABORATORIES.....		08/03/2018.	VARIOUS.....		558,417	575,000	569,750			670		670		570,420		(12,004)	(12,004)	13,001	03/15/2022.	2FE.....
00287Y AY 5	ABBVIE INC.....		08/03/2018.	VARIOUS.....		305,160	325,000	321,909			190		190		322,099		(16,939)	(16,939)	7,544	05/14/2026.	2FE.....
00507U AP 6	ACTAVIS FUNDING SCS.....	C	09/11/2018.	MORGAN STANLEY CO.....		1,345,721	1,350,000	1,362,137			(3,746)		(3,746)		1,358,390		(12,670)	(12,670)	20,250	03/12/2020.	2FE.....
00928Q AG 6	AIRCASTLE LTD.....		09/05/2018.	FENNER		530,625	500,000	529,840			(2,362)		(2,362)		527,478		3,147	3,147	15,038	04/15/2020.	2FE.....
00928Q AK 7	AIRCASTLE LTD.....		09/25/2018.	VARIOUS.....		670,313	650,000	671,937			(1,652)		(1,652)		670,286		27	27	10,777	12/01/2019.	2FE.....
00928Q AM 3	AIRCASTLE LTD.....		09/04/2018.	VARIOUS.....		360,441	350,000	358,417			(287)		(287)		358,131		2,310	2,310	7,809	03/15/2021.	2FE.....
023135 AZ 9	AMAZON.COM INC.....		08/01/2018.	JP MORGAN SECURITIES INC.....		4,836	5,000	4,955			4		4		4,958		(122)	(122)	133	08/22/2024.	1FE.....
025816 BU 2	AMERICAN EXPRESS CO.....		07/02/2018.	R. SEELAUS & COMPANY.....		3,001,230	3,000,000	2,999,490			22		22		2,999,512		1,718	1,718	13,500	05/17/2021.	1FE.....
031162 CJ 7	AMGEN INC.....		08/01/2018.	GOLDMAN.....		408,857	450,000	426,204			1,273		1,273		427,477		(18,621)	(18,621)	11,180	08/19/2026.	2FE.....
032654 AN 5	ANALOG DEVICES INC.....		09/19/2018.	WELLS FARGO SECURITIES LLC		95,575	100,000	97,859			120		120		97,979		(2,404)	(2,404)	2,781	12/05/2026.	2FE.....
032654 AQ 8	ANALOG DEVICES INC.....		09/10/2018.	JP MORGAN SECURITIES INC.....		3,980,520	4,000,000	3,992,280			1,888		1,888		3,994,168		(13,648)	(13,648)	57,000	03/12/2020.	2FE.....
05526D BA 2	BAT CAPITAL CORP.....	C	07/17/2018.	Citigroup (SSB).....		647,655	690,000	685,177			230		230		685,407		(37,752)	(37,752)	22,771	08/15/2027.	2FE.....
05564U AK 6	BMWFT 151 A - ABS.....		07/16/2018.	VARIOUS.....		3,000,000	3,000,000	3,000,000	3,000,000				0		3,000,000			0	40,051	07/15/2020.	1FE.....
06051G GC 7	BANK OF AMERICA CORP.....		09/14/2018.	GOLDMAN.....		244,575	250,000	259,343	259,198		(632)		(632)		258,566		(13,991)	(13,991)	8,511	11/25/2027.	2FE.....
06051G HH 5	BANK OF AMERICA CORP.....		09/14/2018.	DEUTSCHE BANK SECURITIES, INC.		4,999,200	5,000,000	5,000,000					0		5,000,000		(800)	(800)	58,803	05/17/2022.	1FE.....
07177M AL 7	BAXALTA INC.....	C	09/04/2018.	Not Available.....		186,770	186,000	189,792			(547)		(547)		189,245		(2,475)	(2,475)	4,799	06/23/2022.	2FE.....
073685 AB 5	BEACON ROOFING SUPPLY INC.....		08/08/2018.	FENNER		67,113	65,000	67,619			(20)		(20)		67,599		(487)	(487)	1,485	10/01/2023.	4FE.....
075887 BV 0	BECTON DICKINSON AND CO.....		08/15/2018.	GOLDMAN.....		417,478	430,000	433,676	433,555		(322)		(322)		433,233		(15,755)	(15,755)	10,042	06/06/2024.	2FE.....
11134L AF 6	BROADCOM CORP.....		07/19/2018.	JP MORGAN SECURITIES INC.....		1,255,786	1,302,000	1,338,339	1,336,947		(3,001)		(3,001)		1,333,947		(78,161)	(78,161)	47,871	01/15/2024.	2FE.....
124857 AV 5	CBS CORP.....		08/01/2018.	WELLS FARGO SECURITIES LLC		139,980	150,000	144,231			213		213		144,444		(4,464)	(4,464)	3,962	06/01/2028.	2FE.....
126408 HJ 5	CSX CORP.....		09/21/2018.	VARIOUS.....		237,222	240,000	236,938			111		111		237,048		174	174	4,940	03/01/2028.	2FE.....
126650 CJ 7	CVS HEALTH CORP.....		09/11/2018.	VARIOUS.....		1,353,037	1,365,000	1,369,218			(1,036)		(1,036)		1,368,182		(15,146)	(15,146)	42,072	07/20/2020.	2FE.....
126650 DA 5	CVS HEALTH CORP.....		08/22/2018.	VARIOUS.....		4,001,660	4,000,000	3,999,400			157		157		3,999,557		2,103	2,103	54,340	03/09/2020.	2FE.....
136385 AX 9	CANADIAN NATURAL RESOURCES LTD	C	09/21/2018.	PERSHING DIV OF DLJ SEC LNDING		72,806	75,000	76,636	76,608		(110)		(110)		76,498		(3,692)	(3,692)	2,358	06/01/2027.	2FE.....
14913Q 2J 7	CATERPILLAR FINANCIAL SERVICES CORP		07/25/2018.	WELLS FARGO ADVISORS LLC...		4,998,650	5,000,000	4,999,050			90		90		4,999,140		(490)	(490)	29,090	05/15/2020.	1FE.....

QE05.1

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	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)
151020 AP 9	CELGENE CORP.....		08/14/2018	Citigroup (SSB).....		148,734	150,000	157,099	156,885		(648)		(648)		156,237		(7,503)	(7,503)	4,093	05/15/2024	2FE.....
172967 KU 4	CITIGROUP INC.....		09/14/2018	VARIOUS.....		256,057	265,000	271,760	271,635		(368)		(368)		271,267		(15,209)	(15,209)	12,541	07/25/2028	2FE.....
17325F AN 8	CITIBANK NA.....		08/20/2018	DEUTSCHE BANK SECURITIES, INC.		7,748,993	7,750,000	7,746,435			535		535		7,746,970		2,023	2,023	72,882	05/01/2020	1FE.....
19240C AA 1	COGENT COMMUNICATIONS GROUP INC		09/30/2018	Unknown.....							(43)		(43)					0	6,719	03/01/2022	4FE.....
25272K AA 1	DIAMOND 1 FINANCE CORP.....		09/11/2018	VARIOUS.....		2,432,926	2,425,000	2,473,500	2,465,988		(18,361)		(18,361)		2,447,627		(14,701)	(14,701)	61,086	06/01/2019	2FE.....
25272K AK 9	DIAMOND 1 FINANCE CORP.....		09/14/2018	GOLDMAN.....		213,628	200,000	211,906			(237)		(237)		211,669		1,959	1,959	3,110	06/15/2026	2FE.....
26441C AL 9	DUKE ENERGY CORP.....		09/13/2018	GOLDMAN.....		581,459	575,000	609,782	608,305		(3,745)		(3,745)		604,560		(23,100)	(23,100)	20,008	10/15/2023	2FE.....
269246 BQ 6	E*TRADE FINANCIAL CORP.....		07/09/2018	PERSHING DIV OF DLJ SEC LNDING		216,364	225,000	228,069	228,002		(140)		(140)		227,862		(11,497)	(11,497)	7,529	08/24/2027	2FE.....
277432 AN 0	EASTMAN CHEMICAL CO.....		08/01/2018	PERSHING DIV OF DLJ SEC LNDING		50,010	50,000	51,534			(183)		(183)		51,352		(1,341)	(1,341)	1,740	08/15/2022	2FE.....
278062 AG 9	EATON CORP.....	C	08/01/2018	MERRILL LYNCH PIERCE FENNER & SMITH INC.		97,854	105,000	101,771			152		152		101,923		(4,069)	(4,069)	2,878	09/15/2027	2FE.....
29250N AR 6	ENBRIDGE INC.....	C	08/09/2018	HSBC SECURITIES.....		24,209	25,000	25,005			(0)		(0)		25,005		(796)	(796)	534	07/15/2027	2FE.....
29379V BK 8	ENTERPRISE PRODUCTS OPERATING LLC		08/01/2018	JP MORGAN SECURITIES INC.....		1,051,687	1,065,000	1,072,743			(1,275)		(1,275)		1,071,468		(19,781)	(19,781)	24,282	04/15/2021	2FE.....
29379V BP 7	ENTERPRISE PRODUCTS OPERATING LLC		08/01/2018	PERSHING DIV OF DLJ SEC LNDING		138,523	140,000	139,924			11		11		139,936		(1,413)	(1,413)	1,829	02/15/2021	2FE.....
31620M AQ 9	FIDELITY NATIONAL INFORMATION SERVICES I		09/20/2018	WELLS FARGO SECURITIES LLC		488,110	475,000	515,313	513,241		(5,722)		(5,722)		507,520		(19,410)	(19,410)	20,128	10/15/2022	2FE.....
31620M AY 2	FIDELITY NATIONAL INFORMATION SERVICES I		08/03/2018	MORGAN STANLEY CO.....		70,693	70,000	69,758			4		4		69,762		931	931	669	05/15/2028	2FE.....
337932 AH 0	FIRSTENERGY CORP.....		09/13/2018	JP MORGAN SECURITIES LLC.....		244,437	250,000	254,197			(259)		(259)		253,939		(9,501)	(9,501)	6,554	07/15/2027	2FE.....
345397 YD 9	FORD MOTOR CREDIT COMPANY LLC..		07/11/2018	WELLS FARGO SECURITIES LLC		1,973,620	2,000,000	1,990,480	1,991,806		2,670		2,670		1,994,476		(20,856)	(20,856)	34,884	08/12/2019	2FE.....
345397 YS 6	FORD MOTOR CREDIT COMPANY LLC..		07/11/2018	NATWEST SECURITIES.....		223,928	230,000	227,907			360		360		228,267		(4,339)	(4,339)	20,158	11/02/2020	2FE.....
345397 ZB 2	FORD MOTOR CREDIT COMPANY LLC..		07/11/2018	GOLDMAN.....		799,568	800,000	800,000					0		800,000		(432)	(432)	6,440	02/15/2023	2FE.....
369550 BA 5	GENERAL DYNAMICS CORP.....		09/11/2018	TD SECURITIES (USA) LLC.....		5,988,000	6,000,000	5,978,760			3,526		3,526		5,982,286		5,714	5,714	58,458	05/11/2020	1FE.....
369550 BE 7	GENERAL DYNAMICS CORP.....		09/12/2018	MORGAN STANLEY & CO. LLC..		4,977,100	5,000,000	4,965,250			3,808		3,808		4,969,058		8,042	8,042	51,250	05/11/2021	1FE.....
37045X CF 1	GENERAL MOTORS FINANCIAL COMPANY INC		07/11/2018	WELLS FARGO SECURITIES LLC		921,348	950,000	949,345			64		64		949,408		(28,060)	(28,060)	16,124	01/05/2023	2FE.....
37045X CJ 3	GENERAL MOTORS FINANCIAL COMPANY INC		07/11/2018	PERSHING DIV OF DLJ SEC LNDING		144,642	145,000	144,943			5		5		144,948		(306)	(306)	1,330	04/09/2021	2FE.....
377373 AE 5	GLAXOSMITHKLINE CAPITAL PLC.....	C	07/12/2018	MORGAN STANLEY & CO. LLC..		4,010,680	4,000,000	3,989,240			580		580		3,989,820		20,860	20,860	21,181	05/14/2021	1FE.....
38141G ES 9	GOLDMAN SACHS GROUP INC.....		09/14/2018	GOLDMAN.....		175,960	160,000	185,954			(1,656)		(1,656)		184,297		(8,338)	(8,338)	6,426	01/15/2027	2FE.....
38141G VP 6	GOLDMAN SACHS GROUP INC.....		07/11/2018	PERSHING DIV OF DLJ SEC LNDING		454,774	460,000	455,368			535		535		455,902		(1,128)	(1,128)	4,146	09/15/2020	1FE.....
38148L AB 2	GOLDMAN SACHS GROUP INC.....		09/11/2018	Bank of New York Mellon.....		334,271	330,000	334,502			(444)		(444)		334,058		213	213	4,577	04/23/2020	1FE.....
413875 AW 5	HARRIS CORP.....		08/01/2018	GOLDMAN.....		227,583	225,000	224,977			1		1		224,979		2,604	2,604	1,623	06/15/2028	2FE.....
460599 AA 1	INTERNATIONAL GAME TECHNOLOGY PLC	C	09/27/2018	VARIOUS.....		874,166	850,000	870,757			(2,661)		(2,661)		868,096		(18,096)	(18,096)	53,650	02/15/2020	3FE.....

QE05.2

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 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)
46625H JZ 4	JPMORGAN CHASE & CO.....		09/19/2018.	PERSHING DIV OF DLJ SEC LNDING		197,638	200,000	211,384	211,342		(793)		(793)		210,549		(12,911)	(12,911)	6,325	12/15/2026.	2FE.....
46625H NJ 5	JPMORGAN CHASE & CO.....		09/14/2018.	GOLDMAN.....		139,412	140,000	139,535			17		17		139,552		(140)	(140)	2,760	10/01/2027.	2FE.....
502413 BF 3	L3 TECHNOLOGIES INC.....		09/07/2018.	VARIOUS.....		5,184,704	5,175,000	5,164,857			344		344		5,165,201		19,503	19,503	35,465	06/15/2023.	2FE.....
50587K AA 9	LAFARGEHOLCIM FINANCE US LLC.....	C	07/09/2018.	MORGAN STANLEY CO.....		278,322	300,000	294,936			253		253		295,189		(16,867)	(16,867)	8,429	09/22/2026.	2FE.....
565122 AA 6	MAPLE ESCROW SUBSIDIARY INC.....	C	07/03/2018.	BARCLAYS CAPITAL INC.....		6,002,580	6,000,000	6,000,000					0		6,000,000		2,580	2,580	24,265	05/25/2021.	2FE.....
565122 AB 4	KEURIG DR PEPPER INC.....	C	07/24/2018.	FTN Financial.....		5,080	5,000	5,000					0		5,000		80	80	39	05/25/2028.	2FE.....
575385 AA 7	MASONITE INTERNATIONAL CORP.....		09/11/2018.	Call @ 104.22.....		104,219	100,000	102,404			(55)		(55)		102,349		1,870	1,870		03/15/2023.	3FE.....
57629W BS 8	MASSMUTUAL GLOBAL FUNDING II.....		08/02/2018.	Maturity @ 100.00.....		1,000,000	1,000,000	1,018,660	1,002,689		(2,689)		(2,689)		1,000,000			0	21,000	08/02/2018.	1FE.....
58013M ES 9	MCDONALD'S CORP.....		08/01/2018.	PERSHING DIV OF DLJ SEC LNDING		246,072	250,000	254,942			(354)		(354)		254,588		(8,516)	(8,516)	5,259	06/10/2024.	2FE.....
59524Q AA 3	MID-ATLANTIC INTERSTATE TRANSMISSION LLC		09/21/2018.	SUNTRUST ROBINSON HUMPHREY INC		128,657	130,000	129,968			2		2		129,969		(1,312)	(1,312)	1,999	05/15/2028.	2FE.....
615369 AB 1	MOODY'S CORP.....		08/01/2018.	PERSHING DIV OF DLJ SEC LNDING		96,754	94,000	101,738	101,321		(920)		(920)		100,400		(3,646)	(3,646)	3,901	09/01/2022.	2FE.....
61744Y AM 0	MORGAN STANLEY.....		07/31/2018.	WELLS FARGO ADVISORS LLC..		7,012,180	7,000,000	7,000,000					0		7,000,000		12,180	12,180	95,145	02/10/2021.	1FE.....
62854A AN 4	MYLAN NV.....		08/09/2018.	MERRILL LYNCH PIERCE FENNER & SMITH INC.		175,380	185,000	186,499	186,491		(96)		(96)		186,395		(11,015)	(11,015)	4,831	06/15/2026.	2FE.....
629377 BW 1	NRG ENERGY INC.....		08/30/2018.	Call @ 103.12.....		511,500	496,000	512,144			(1,470)		(1,470)		510,674		826	826	1,989	07/15/2022.	4FE.....
65339K AT 7	NEXTERA ENERGY CAPITAL HOLDINGS INC		09/13/2018.	PERSHING DIV OF DLJ SEC LNDING		115,853	120,000	114,906			145		145		115,051		801	801	1,609	05/01/2027.	2FE.....
65410C AA 8	NIELSEN CO (LUXEMBOURG) SARL.....	C	09/06/2018.	WELLS FARGO SECURITIES LLC		316,575	315,000	319,331			(150)		(150)		319,181		(2,606)	(2,606)	7,652	10/01/2021.	4FE.....
655844 BL 1	NORFOLK SOUTHERN CORP.....		08/01/2018.	GOLDMAN.....		248,574	255,000	249,569			159		159		249,727		(1,153)	(1,153)	3,455	02/15/2023.	2FE.....
655844 BT 4	NORFOLK SOUTHERN CORP.....		08/01/2018.	US BANCORP INVESTMENTS INC.		156,646	165,000	163,490			80		80		163,570		(6,924)	(6,924)	3,494	06/01/2027.	2FE.....
666807 BE 1	NORTHROP GRUMMAN CORP.....		09/13/2018.	VARIOUS.....		553,793	550,000	573,386	572,016		(4,589)		(4,589)		567,427		(13,635)	(13,635)	18,968	03/15/2021.	2FE.....
666807 BN 1	NORTHROP GRUMMAN CORP.....		09/19/2018.	VARIOUS.....		388,583	413,000	392,223			846		846		393,069		(4,486)	(4,486)	11,736	01/15/2028.	2FE.....
67020Y AD 2	NUANCE COMMUNICATIONS INC (NEW)		09/06/2018.	Call @ 100.00.....		250,000	250,000	250,938			(938)		(938)		250,000			0	6,719	08/15/2020.	3FE.....
670346 AP 0	NUCOR CORP.....		08/01/2018.	WELLS FARGO SECURITIES LLC		224,806	225,000	224,667			8		8		224,675		132	132	2,395	05/01/2028.	2FE.....
68329A AB 4	ONTARIO TEACHERS FINANCE TRUST.	C	09/20/2018.	BMO Capital Markets.....		9,886,100	10,000,000	9,975,700			3,417		3,417		9,979,117		(93,017)	(93,017)	119,931	04/16/2021.	1FE.....
69371R M2 9	PACCAR FINANCIAL CORP.....		08/02/2018.	Cantor Fitzgerald.....		1,985,360	2,000,000	1,998,860	1,999,612		134		134		1,999,746		(14,386)	(14,386)	39,233	09/15/2019.	1FE.....
747525 AF 0	QUALCOMM INC.....		09/14/2018.	PERSHING DIV OF DLJ SEC LNDING		341,334	350,000	341,530			544		544		342,074		(740)	(740)	9,995	05/20/2025.	1FE.....
760759 AT 7	REPUBLIC SERVICES INC.....		09/21/2018.	VARIOUS.....		407,753	410,000	406,765			88		88		406,853		900	900	5,762	05/15/2028.	2FE.....
808194 AB 0	SCHULMAN A INC.....	C	09/20/2018.	Call @ 105.16.....		525,780	500,000	527,300			(2,831)		(2,831)		524,469		1,311	1,311	10,408	06/01/2023.	2FE.....
824348 AT 3	SHERWIN-WILLIAMS CO.....		08/07/2018.	GOLDMAN.....		543,159	551,000	553,639	553,385		(597)		(597)		552,788		(9,628)	(9,628)	9,092	05/15/2020.	2FE.....
83404R AA 6	SOFI 18B A1F - ABS.....		09/25/2018.	Paydown.....		885,936	885,886	884,027			1,859		1,859		885,886		50	50	8,674	08/25/2047.	1FE.....
857477 AS 2	STATE STREET CORP.....		09/21/2018.	WELLS FARGO ADVISORS LLC..		2,974,800	3,000,000	2,993,160	2,996,321		1,001		1,001		2,997,322		(22,522)	(22,522)	84,363	08/18/2020.	1FE.....
87164K AD 6	SYNGENTA FINANCE NV.....	C	07/09/2018.	BARCLAYS CAPITAL INC.....		1,134,308	1,135,000	1,135,000					0		1,135,000		(692)	(692)	8,977	04/24/2020.	2FE.....
87164K AH 7	SYNGENTA FINANCE NV.....	C	07/09/2018.	HSBC SECURITIES.....		238,891	240,000	240,000					0		240,000		(1,109)	(1,109)	2,280	04/24/2023.	2FE.....
887317 AF 2	TIME WARNER INC.....		09/27/2018.	VARIOUS.....		3,348,197	3,256,000	3,402,064			(42,750)		(42,750)		3,359,314		(103,314)	(103,314)	256,218	03/15/2020.	2FE.....
891906 AC 3	TOTAL SYSTEM SERVICES INC.....		09/14/2018.	BARCLAYS CAPITAL INC.....		77,279	75,000	82,689	82,472		(586)		(586)		81,886		(4,607)	(4,607)	3,470	04/01/2026.	2FE.....
891906 AE 9	TOTAL SYSTEM SERVICES INC.....		09/07/2018.	PERSHING DIV OF DLJ SEC LNDING		476,796	475,000	474,601			30		30		474,631		2,164	2,164	6,333	06/01/2023.	2FE.....

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)
89236T EJ 0	TOYOTA MOTOR CREDIT CORP.....	C	09/18/2018.	Societe Generale.....		2,972,670	3,000,000	2,997,330			913		913		2,998,243		(25,573)	(25,573)	45,650	01/10/2020.	1FE.....
893574 AJ 2	TRANSCONTINENTAL GAS PIPE LINE COMPANY L		08/02/2018.	JP MORGAN SECURITIES INC.....		73,155	75,000	74,585			13		13		74,598		(1,443)	(1,443)	1,175	03/15/2028.	2FE.....
90131H AE 5	21ST CENTURY FOX AMERICA INC.....		08/01/2018.	US BANCORP INVESTMENTS INC.		233,924	235,000	244,130			(705)		(705)		243,424		(9,501)	(9,501)	7,681	09/15/2024.	2FE.....
90331H ML 4	US BANK NA.....		09/18/2018.	TD SECURITIES (USA) LLC.....		8,090,342	8,150,000	8,208,191	8,200,725		(20,736)		(20,736)		8,179,989		(89,647)	(89,647)	154,907	10/28/2019.	1FE.....
90331H NP 4	US BANK NA.....		07/02/2018.	TD SECURITIES (USA) LLC.....		5,003,700	5,000,000	4,999,700			18		18		4,999,718		3,982	3,982	30,188	04/26/2021.	1FE.....
904764 AT 4	UNILEVER CAPITAL CORP.....	C	09/18/2018.	VARIOUS.....		8,323,650	8,750,000	8,309,963			63,019		63,019		8,372,981		(49,331)	(49,331)	77,248	07/28/2021.	1FE.....
907818 ES 3	UNION PACIFIC CORP.....		08/01/2018.	MORGAN STANLEY CO.....		627,425	625,000	624,975			7		7		624,982		2,443	2,443	3,581	07/15/2025.	2FE.....
90931L AA 6	UNITED AIRLINES INC - ABS.....		07/07/2018.	Paydown.....		92,340	92,340	92,340	92,340				0		92,340			0	1,470	01/07/2030.	1FE.....
90933H AA 3	UNITED AIRLINES CLASS B PASS THROUGH CER		07/07/2018.	Paydown.....		23,553	23,553	23,553	23,553				0		23,553			0		07/07/2027.	2FE.....
92343V CR 3	VERIZON COMMUNICATIONS INC.....		08/28/2018.	GOLDMAN.....		98,828	100,000	102,009	101,941		(177)		(177)		101,764		(2,936)	(2,936)	2,907	11/01/2024.	2FE.....
92343V DY 7	VERIZON COMMUNICATIONS INC.....		08/07/2018.	WELLS FARGO SECURITIES LLC		326,885	325,000	324,948			10		10		324,958		1,927	1,927	5,325	03/16/2027.	2FE.....
92343V EQ 3	VERIZON COMMUNICATIONS INC.....		08/27/2018.	FENNER		167,254	165,000	164,404			7		7		164,410		2,844	2,844	1,337	09/21/2028.	2FE.....
931142 EJ 8	WALMART INC.....		07/16/2018.	VARIOUS.....		4,018,680	4,000,000	3,999,800			2		2		3,999,802		18,878	18,878	5,990	06/23/2021.	1FE.....
94974B FC 9	WELLS FARGO & CO.....		09/13/2018.	CREDIT SUISSE SECURITIES (USA)		90,100	90,000	90,369			(38)		(38)		90,331		(231)	(231)	1,654	03/08/2022.	1FE.....
94974B GM 6	WELLS FARGO & CO.....		09/24/2018.	MORGAN STANLEY & CO. LLC..		7,916,480	8,000,000	7,944,960			13,625		13,625		7,958,585		(42,105)	(42,105)	140,978	07/22/2020.	1FE.....
94988J 5L 7	WELLS FARGO BANK NA.....		08/22/2018.	WELLS FARGO ADVISORS LLC...		9,936,900	10,000,000	9,991,600			2,429		2,429		9,994,029		(57,129)	(57,129)	140,667	01/15/2020.	1FE.....
95000U 2B 8	WELLS FARGO & CO.....		09/13/2018.	PERSHING DIV OF DLJ SEC LNDING		87,862	91,000	88,216			279		279		88,495		(633)	(633)	1,559	07/22/2022.	1FE.....
95081Q AM 6	WESCO DISTRIBUTION INC.....		07/31/2018.	BARCLAYS CAPITAL INC.....		235,323	238,000	235,394					0		235,394		(71)	(71)	1,635	06/15/2024.	4FE.....
984121 CQ 4	XEROX CORP.....		07/02/2018.	WELLS FARGO SECURITIES LLC		247,001	258,000	256,809			95		95		256,904		(9,902)	(9,902)	7,638	03/15/2023.	2FE.....
986255 AQ 0	YCLO 1R CR - CDO.....		09/20/2018.	Paydown.....		1,000,000	1,000,000	1,000,000	1,000,000				0		1,000,000			0	39,343	01/22/2027.	1FE.....
3899999.	Total - Bonds - Industrial and Miscellaneous.....					165,109,389	166,076,779	166,014,228	29,776,144	0	(27,055)	0	(27,055)	0	165,952,983	0	(959,954)	(959,954)	2,572,667	XXX	XXX
8399997.	Total - Bonds - Part 4.....					326,250,170	325,471,779	330,587,479	131,063,116	650	(531,965)	0	(531,315)	0	328,595,230	0	(2,461,420)	(2,461,420)	5,000,482	XXX	XXX
8399999.	Total - Bonds.....					326,250,170	325,471,779	330,587,479	131,063,116	650	(531,965)	0	(531,315)	0	328,595,230	0	(2,461,420)	(2,461,420)	5,000,482	XXX	XXX
9999999.	Total - Bonds, Preferred and Common Stocks.....					326,250,170	XXX	330,587,479	131,063,116	650	(531,965)	0	(531,315)	0	328,595,230	0	(2,461,420)	(2,461,420)	5,000,482	XXX	XXX

QE05.4

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

**Sch. DB - Pt. A - Sn. 1
NONE**

**Sch. DB - Pt. B - Sn. 1
NONE**

**Sch. DB - Pt. D - Sn. 1
NONE**

**Sch. DB - Pt. D - Sn. 2
NONE**

**Sch. DL - Pt. 1
NONE**

**Sch. DL - Pt. 2
NONE**

ARCH MORTGAGE INSURANCE COMPANY 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								
Bank of America..... Concord, CA.....					.....10,294,864	.....13,644,706	.....8,190,712	XXX
0199999. Total Open Depositories.....	XXX	XXX	.....0	.....0	.....10,294,864	.....13,644,706	.....8,190,712	XXX
0399999. Total Cash on Deposit.....	XXX	XXX	.....0	.....0	.....10,294,864	.....13,644,706	.....8,190,712	XXX
0599999. Total Cash.....	XXX	XXX	.....0	.....0	.....10,294,864	.....13,644,706	.....8,190,712	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
Bonds - Industrial & Miscellaneous (Unaffiliated) - Issuer Obligations								
	CATERPILLAR FINANCIAL SERVICES CORP.....		09/12/2018.....	2.503	12/06/2018.....	1,000,342	1,738	(88)
	GOLDMAN SACHS GROUP INC.....		09/17/2018.....	3.414	11/15/2018.....	4,005,621	17,827	(1,499)
	Koch Industries, Inc.....		09/20/2018.....		10/29/2018.....	2,994,820		2,035
	NATIONAL RURAL UTILITIES COOP FINANCE CO.....		09/19/2018.....	10.375	11/01/2018.....	1,414,147	60,737	(2,951)
	Nissan Motor Acceptance Corporation.....		07/11/2018.....		10/09/2018.....	4,997,578		24,828
	Northwestern University.....		08/15/2018.....		10/16/2018.....	7,493,438		20,563
	PEPSICO INC.....		09/27/2018.....	2.339	10/15/2018.....	2,770,139	13,859	
	The Toronto-Dominion Bank.....		09/20/2018.....		12/18/2018.....	3,980,067		2,811
	U.S. BANCORP.....		09/19/2018.....	2.804	11/15/2018.....	1,000,228	3,660	(163)
3299999	Industrial & Miscellaneous (Unaffiliated) - Issuer Obligations.....					29,656,377	97,822	45,536
3899999	Total - Industrial & Miscellaneous (Unaffiliated).....					29,656,377	97,822	45,536
Total Bonds								
7799999	Subtotals - Issuer Obligations.....					29,656,377	97,822	45,536
8399999	Subtotals - Bonds.....					29,656,377	97,822	45,536
Exempt Money Market Mutual Funds as Identified by the SVO								
31846V 41 9	FIRST AMER:TRS OBG V.....	SD.....	06/04/2018.....	1.900		.0		
94975H 29 6	WELLS FRGO TREASURY PLUS CL I MMF.....	SD.....	08/02/2018.....	2.010		.0		
8599999	Total - Exempt Money Market Mutual Funds as Identified by the SVO.....					.0	.0	.0
All Other Money Market Mutual Funds								
262006 20 8	DREYFUS GVT CSH MGT INST.....		09/28/2018.....	2.010		28,924,902	56,884	900
31846V 10 4	FIRST AMER:INS PRM OBL Y.....	SD.....	06/04/2018.....	1.890		.0		
8699999	Total - All Other Money Market Mutual Funds.....					28,924,902	56,884	900
8899999	Total - Cash Equivalents.....					58,581,280	154,706	46,437

QE13