



QUARTERLY STATEMENT

As of March 31, 2019
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. Robert Michael Schmeiser #	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) Robert Michael Schmeiser 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)
--	---	--

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 _____

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.....	1,830,499,437		1,830,499,437	1,770,735,983
2. Stocks:				
2.1 Preferred stocks.....			0	
2.2 Common stocks.....	33,958,512	33,958,512	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).....			0	
5. Cash (\$.....6,495,426), cash equivalents (\$.....58,793,587) and short-term investments (\$.....1,003,025).....	66,292,038		66,292,038	52,951,065
6. Contract loans (including \$.....0 premium notes).....			0	
7. Derivatives.....			0	
8. Other invested assets.....			0	
9. Receivables for securities.....	1,267,711		1,267,711	
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).....	1,932,017,699	33,958,512	1,898,059,187	1,823,687,048
13. Title plants less \$.....0 charged off (for Title insurers only).....			0	
14. Investment income due and accrued.....	12,987,604		12,987,604	14,262,728
15. Premiums and considerations:				
15.1 Uncollected premiums and agents' balances in the course of collection.....	112,043,048		112,043,048	111,264,946
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.....	2,369,843		2,369,843	3,212,087
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	4,559,187
18.2 Net deferred tax asset.....	196,951,259	150,144,350	46,806,909	40,284,661
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.....	649,440		649,440	218,666
24. Health care (\$.....0) and other amounts receivable.....			0	
25. Aggregate write-ins for other than invested assets.....	1,673,293	1,672,343	950	12,754
26. Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 through 25).....	2,258,692,187	185,775,205	2,072,916,982	1,997,502,077
27. From Separate Accounts, Segregated Accounts and Protected Cell Accounts.....			0	
28. Total (Lines 26 and 27).....	2,258,692,187	185,775,205	2,072,916,982	1,997,502,077

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 assets.....	950		950	12,754
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).....	1,673,293	1,672,343	950	12,754

Statement for March 31, 2019 of the **ARCH MORTGAGE INSURANCE COMPANY**
LIABILITIES, SURPLUS AND OTHER FUNDS

	1 Current Statement Date	2 December 31 Prior Year
1. Losses (current accident year \$.....12,539,318).....	143,026,271	158,506,373
2. Reinsurance payable on paid losses and loss adjustment expenses.....	16,151,182	19,881,288
3. Loss adjustment expenses.....	5,542,167	5,496,558
4. Commissions payable, contingent commissions and other similar charges.....		
5. Other expenses (excluding taxes, licenses and fees).....	474,835	907,362
6. Taxes, licenses and fees (excluding federal and foreign income taxes).....	2,935,387	5,741,816
7.1 Current federal and foreign income taxes (including \$....(516,985) on realized capital gains (losses)).....	9,685,668	
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 \$....145,694,712 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).....	155,758,896	165,184,342
10. Advance premium.....	160,962	114,795
11. Dividends declared and unpaid:		
11.1 Stockholders.....		
11.2 Policyholders.....		
12. Ceded reinsurance premiums payable (net of ceding commissions).....	126,878,607	125,869,250
13. Funds held by company under reinsurance treaties.....	66,097,058	67,108,434
14. Amounts withheld or retained by company for account of others.....		
15. Remittances and items not allocated.....	510,667	652,203
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.....	26,991,347	24,328,267
20. Derivatives.....		
21. Payable for securities.....		
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.....	1,159,850,973	1,114,862,326
26. Total liabilities excluding protected cell liabilities (Lines 1 through 25).....	1,714,064,019	1,688,653,014
27. Protected cell liabilities.....		
28. Total liabilities (Lines 26 and 27).....	1,714,064,019	1,688,653,014
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.....	230,571,360	246,270,163
35. Unassigned funds (surplus).....	76,031,603	10,328,900
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).....	358,852,963	308,849,063
38. Totals (Page 2, Line 28, Col. 3).....	2,072,916,982	1,997,502,077

DETAILS OF WRITE-INS

2501. Contingency reserve.....	1,142,121,394	1,097,599,634
2502. Premium refund reserve.....	866,884	981,307
2503. Deferred ceding commission.....	16,862,695	16,281,385
2598. Summary of remaining write-ins for Line 25 from overflow page.....	0	0
2599. Totals (Lines 2501 thru 2503 plus 2598) (Line 25 above).....	1,159,850,973	1,114,862,326
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 for March 31, 2019 of the **ARCH MORTGAGE INSURANCE COMPANY**
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 \$.....165,050,575).....	160,852,748	99,897,301	500,147,741
1.2 Assumed..... (written \$.....79,548,690).....	88,974,136	88,951,307	353,482,626
1.3 Ceded..... (written \$.....165,050,575).....	160,852,748	99,576,885	499,901,098
1.4 Net..... (written \$.....79,548,690).....	88,974,136	89,271,723	353,729,269
DEDUCTIONS:			
2. Losses incurred (current accident year \$.....12,539,318):			
2.1 Direct.....	4,459,884	6,955,607	12,778,487
2.2 Assumed.....	(689,062)	16,535,593	26,328,493
2.3 Ceded.....	4,459,884	7,058,479	12,594,880
2.4 Net.....	(689,062)	16,432,720	26,512,100
3. Loss adjustment expenses incurred.....	535,601	894,824	(1,880,755)
4. Other underwriting expenses incurred.....	13,389,684	16,210,743	65,610,890
5. Aggregate write-ins for underwriting deductions.....	44,487,068	44,635,862	176,864,635
6. Total underwriting deductions (Lines 2 through 5).....	57,723,291	78,174,149	267,106,869
7. Net income of protected cells.....			
8. Net underwriting gain (loss) (Line 1 minus Line 6 + Line 7).....	31,250,844	11,097,574	86,622,400
INVESTMENT INCOME			
9. Net investment income earned.....	26,918,119	9,273,810	40,064,873
10. Net realized capital gains (losses) less capital gains tax of \$.....(516,985).....	(1,944,851)	(3,989,621)	(13,261,220)
11. Net investment gain (loss) (Lines 9 + 10).....	24,973,268	5,284,189	26,803,653
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	0	0
15. Total other income (Lines 12 through 14).....	0	0	0
16. Net income before dividends to policyholders, after capital gains tax and before all other federal and foreign income taxes (Lines 8 + 11 + 15).....	56,224,112	16,381,763	113,426,053
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).....	56,224,112	16,381,763	113,426,053
19. Federal and foreign income taxes incurred.....	14,761,839	4,903,039	53,170,414
20. Net income (Line 18 minus Line 19) (to Line 22).....	41,462,273	11,478,724	60,255,639
CAPITAL AND SURPLUS ACCOUNT			
21. Surplus as regards policyholders, December 31 prior year.....	308,849,063	471,931,915	471,931,915
22. Net income (from Line 20).....	41,462,273	11,478,724	60,255,639
23. Net transfers (to) from Protected Cell accounts.....			
24. Change in net unrealized capital gains or (losses) less capital gains tax of \$.....0.....	2,345,480	(460,401)	(2,100,566)
25. Change in net unrealized foreign exchange capital gain (loss).....			
26. Change in net deferred income tax.....	5,499,597	1,083,917	28,423,776
27. Change in nonadmitted assets.....	16,395,353	(323,619)	(69,648,654)
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.....	(15,698,803)	931,265	(180,013,047)
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).....	50,003,900	12,709,886	(163,082,852)
39. Surplus as regards policyholders, as of statement date (Lines 21 plus 38).....	358,852,963	484,641,802	308,849,063

DETAILS OF WRITE-INS

0501. Change in contingency reserve.....	44,487,068	44,635,862	176,864,635
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).....	44,487,068	44,635,862	176,864,635
1401.			
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	0	0
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

Statement for March 31, 2019 of the **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.....	79,711,688	112,499,696	390,826,374
2. Net investment income.....	29,175,069	9,204,123	43,211,327
3. Miscellaneous income.....			
4. Total (Lines 1 through 3).....	108,886,757	121,703,819	434,037,701
5. Benefit and loss related payments.....	17,678,903	41,238,220	110,176,638
6. Net transfers to Separate Accounts, Segregated Accounts and Protected Cell Accounts.....			
7. Commissions, expenses paid and aggregate write-ins for deductions.....	16,530,003	19,752,131	61,988,422
8. Dividends paid to policyholders.....			
9. Federal and foreign income taxes paid (recovered) net of \$.....0 tax on capital gains (losses).....	(1)	1	54,204,467
10. Total (Lines 5 through 9).....	34,208,905	60,990,351	226,369,527
11. Net cash from operations (Line 4 minus Line 10).....	74,677,852	60,713,468	207,668,174
CASH FROM INVESTMENTS			
12. Proceeds from investments sold, matured or repaid:			
12.1 Bonds.....	414,493,326	421,266,664	1,622,026,308
12.2 Stocks.....			
12.3 Mortgage loans.....			
12.4 Real estate.....			684,255
12.5 Other invested assets.....			
12.6 Net gains or (losses) on cash, cash equivalents and short-term investments.....			(51,061)
12.7 Miscellaneous proceeds.....			
12.8 Total investment proceeds (Lines 12.1 to 12.7).....	414,493,326	421,266,664	1,622,659,502
13. Cost of investments acquired (long-term only):			
13.1 Bonds.....	475,680,372	532,981,422	1,657,916,090
13.2 Stocks.....		931,264	19,986,953
13.3 Mortgage loans.....			
13.4 Real estate.....			755,130
13.5 Other invested assets.....			
13.6 Miscellaneous applications.....	1,267,711		
13.7 Total investments acquired (Lines 13.1 to 13.6).....	476,948,083	533,912,686	1,678,658,173
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).....	(62,454,757)	(112,646,022)	(55,998,670)
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.....		931,265	(180,013,047)
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).....	1,117,878	(22,340,937)	(32,816,135)
17. Net cash from financing and miscellaneous sources (Lines 16.1 through 16.4 minus Line 16.5 plus Line 16.6).....	1,117,878	(21,409,672)	(212,829,182)
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).....	13,340,973	(73,342,227)	(61,159,678)
19. Cash, cash equivalents and short-term investments:			
19.1 Beginning of year.....	52,951,065	114,110,743	114,110,743
19.2 End of period (Line 18 plus Line 19.1).....	66,292,038	40,768,517	52,951,065
Note: Supplemental disclosures of cash flow information for non-cash transactions:			
20.0001 Change in contingency reserve.....	(44,487,068)	(44,635,862)	(176,864,635)
20.0002 Change in premium refund reserve.....	(114,423)	(10,737)	788,561
20.0003 Change in deferred ceding commission.....	(581,310)	(967,285)	(4,077,037)
20.0004 Change in escheatable and stale checks.....	(7,319)	(7,688)	19,879
20.0005 Change in investment in AMIS.....	(1,911,868)	931,264	4,336,558

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 #	Current Year to Date	2018
NET INCOME					
(1) The Company state basis (Page 4, Line 20, Columns 1 & 3)	XXX	XXX	XXX	\$ 41,462,273	\$ 60,255,639
(2) State Prescribed Practice that are an increase/(decrease) from NAIC SAP					
Change in Contingency Reserve	58	4	4	\$ (44,487,068)	\$ (176,864,635)
(3) State Permitted Practice that are an increase/(decrease) from NAIC SAP					
				\$	\$
(4) NAIC SAP (1 – 2 – 3 = 4)	XXX	XXX	XXX	\$ 85,949,341	\$ 237,120,274
SURPLUS					
(5) The Company state basis (Page 3, line 37, Columns 1 & 2)	XXX	XXX	XXX	\$ 358,852,963	\$ 308,849,063
(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	\$ 358,852,963	\$ 308,849,063

C. Accounting Policy**(2) Basis for Bonds, Mandatory Convertible Securities, SVO-Identified Investments and Amortization Method**

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 securities, while securities with less than high credit quality and securities for which the collection of all contractual cash flows is not probable are both accounted for using the prospective adjustment method.

(6) Basis for Loan-Backed Securities and Adjustment Methodology
Refer to Note 1.C (2) above.**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

Note 5 – Investments**D. Loan-Backed Securities****(1) Description of Sources Used to Determine Prepayment Assumptions**

Prepayment assumptions for single class, multi-class mortgage-back and asset-backed securities are obtained from independent third party services or internal estimates. These assumptions are consistent with the current interest rate and economic environment.

(2) Securities with Recognized Other-Than-Temporary Impairment
Not Applicable

NOTES TO FINANCIAL STATEMENTS

- (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	\$ (870,586)
	2. 12 Months or Longer	\$ (355,985)
b. The aggregate related fair value of securities with unrealized losses:	1. Less than 12 Months	\$ 41,684,551
	2. 12 Months or Longer	\$ 52,363,771

- (5) Information Investor Considered in Reaching Conclusion that Impairments are Not Other-Than-Temporary
In accordance with SSAP No. 43R, Loan-backed and Structured Securities – Revised, the Company's loan-backed securities are stated at amortized cost. When evaluating whether a decline in value is other-than-temporary, the Company considers several factors, including, but not limited to, the following: the extent and the duration of the decline in value; the reasons for the decline in value (credit event, interest related or market fluctuations); the financial position and access to capital of the issuer, including the current and future impact of any specific events; our intent to sell the securities, or whether it is more likely than not that we will be required to sell it before recovery; and the financial condition and near term prospects of the issuer. Impairment due to deterioration in credit that results in a conclusion that the present value of cash flows expected to be collected will not be sufficient to recover the amortized cost basis of the securities is considered other-than-temporary. Other declines in fair value (for example, due to interest rate changes, sector credit rating changes or company-specific rating changes) that result in a conclusion that the present value of cash flows expected to be collected will not be sufficient to recover the amortized cost basis of the security may also result in a conclusion that an OTTI has occurred. To the extent that the Company determines that a security is other-than-temporarily impaired, an impairment loss is recognized in the Statement of Income.

- E. Dollar Repurchase Agreements and/or Securities Lending Transactions
Not Applicable
- F. Repurchase Agreements Transactions Accounted for as Secured Borrowing
Not Applicable
- G. Reverse Repurchase Agreements Transactions Accounted for as Secured Borrowing
Repurchase Transactions – Cash Provider – Overview of Secured Borrowing Transactions
Not Applicable
- H. Repurchase Agreements Transactions Accounted for as a Sale
Repurchase Transaction – Cash Taker – Overview of Sale Transactions
Not Applicable
- I. Reverse Repurchase Agreements Transactions Accounted for as a Sale
Repurchase Transaction – Cash Provider – Overview of Sale Transactions
Not Applicable
- M. Working Capital Finance Investments
(2) Aggregate Maturity Distribution on the Underlying Working Capital Finance Programs
Not Applicable
- (3) Any Events of Default or 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. Transactions
On February 20, 2019, the Board of Directors of Arch U.S. MI Services, Inc. approved a \$15,000,000 dividend to the Company. The dividend was paid on March 22, 2019.
- C. Dollar Amounts of Transactions
See Note 10B
- D. Amounts Due From or To Related Parties
At March 31, 2019, the Company reported a receivable of \$649,440 and a payable of (\$26,991,347) from/to affiliated companies. Details of the balances are:

United Guaranty Residential Insurance Company of North Carolina \$17,922; United Guaranty Residential Insurance Company \$631,518; United Guaranty Services, Inc. (\$4,181); Arch Mortgage Guaranty Company (\$11,695); Arch U.S. MI Holdings, Inc. (\$182,440); Arch U.S. MI Services, Inc. (\$26,793,031).

At December 31, 2018, the Company reported a receivable of \$218,666 and a payable of (\$24,328,267) from/to affiliated companies. Details of the balances are:

NOTES TO FINANCIAL STATEMENTS

Arch U.S. MI Holdings, Inc. \$106,459; United Guaranty Residential Insurance Company \$102,198; Arch Mortgage Guaranty Company \$9,552; United Guaranty Credit Insurance Company \$457; United Guaranty Services, Inc. (\$1,728); United Residential Insurance Company of North Carolina (\$302,740); Arch U.S. MI Services, Inc. (\$24,023,799).

Intercompany balances are settled monthly.

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
(2) Servicing Assets and Servicing Liabilities
Not Applicable
- (4) Securitizations, Asset-Based Financing Arrangements and Similar Transfers Accounted for as Sales
(a)
Not Applicable
(b)
Not Applicable
- C. Wash Sales
Not Applicable
(1) Description of the Objectives Regarding These Transactions
Not Applicable
- (2) The details by NAIC designation 3 or below, or unrated of securities sold during the current period and reacquired within 30 days of the sale date are:
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

Description for Each Type of Asset or Liability	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Total
Assets at Fair Value					
Exempt MM Mutual Fund	\$ 58,793,587	\$	\$	\$	\$ 58,793,587
Political Subdivision	\$	\$	\$	\$	\$
Special Revenue Bonds	\$	\$ 2,267,818	\$	\$	\$ 2,267,818
Industrial & Miscellaneous Bonds	\$	\$ 24,186,023	\$	\$	\$ 24,186,023
Total	\$ 58,793,587	\$ 26,453,841	\$	\$	\$ 85,247,429
Liabilities at Fair Value					
	\$	\$	\$	\$	\$
Total	\$	\$	\$	\$	\$

- (2) Fair Value Measurements in (Level 3) of the Fair Value Hierarchy
At March 31, 2019, 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 March 31, 2019.
- (4) Description of Valuation Techniques and Inputs Used in Fair Value Measurement
In accordance with SSAP 100, the valuation techniques used in measuring fair values are based on the following:

Level 1: Fair value measurements that are quoted prices (unadjusted) in active markets that the Company has the ability to access for identical assets or liabilities.

Level 2: Fair value measurements, based on inputs other than quoted prices included in Level 1 that are observable for the asset or liability, either directly or indirectly. Level 2 inputs include quoted prices for similar assets and liabilities in active markets, and inputs other than quoted prices that are

NOTES TO FINANCIAL STATEMENTS

observable at commonly quoted intervals.

Level 3: Fair value measurements based on valuation techniques that use significant inputs that are unobservable. These measurements include circumstances in which there is little, if any, market activity for the asset or liability.

- (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)	Net Asset Value (NAV)	Not Practicable (Carrying Value)
Bonds	\$1,839,181,634	\$1,830,499,437	\$ 319,706,485	\$1,510,792,952	\$	\$	\$
Cash, Cash equivalent and short-term investments	\$ 66,292,038	\$ 66,292,038	\$ 65,289,013	\$ 1,003,025	\$	\$	\$

- D. Not Practicable to Estimate Fair Value
Not Applicable

- E. NAV Practical Expedient Investments
Not Applicable

Note 21 – Other Items

No significant changes

Note 22 – Events Subsequent

Subsequent events have been considered through May 10, 2019 for these statutory financial statements which are to be issued on May 10, 2019. There were no events occurring subsequent to the end of the quarter that merited recognition or disclosure in these statements.

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

- A. Change in Incurred Losses and Loss Adjustment Expenses

Incurred loss and loss adjustment expenses attributable to insured events of prior years decreased by \$13.3 million and \$2.1 million for the three months ended March 31, 2019 and 2018, respectively, 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.

- B. Information about Significant Changes in Methodologies and Assumptions
Not Applicable

Note 26 – Intercompany Pooling Arrangements

Not Applicable

Note 27 – Structured Settlements

Not Applicable

Note 28 – Health Care Receivables

Not Applicable

Note 29 – Participating Policies

Not Applicable

Note 30 – Premium Deficiency Reserves

Not Applicable

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

NOTES TO FINANCIAL STATEMENTS

- B. Schedule of Insured Financial Obligations at the End of the Period:
Not Applicable

Statement for March 31, 2019 of the **ARCH MORTGAGE INSURANCE COMPANY**
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? If yes, complete Schedule Y, Parts 1 and 1A. Yes [X] No []

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.

The following companies have been dissolved: Arch Investment I LLC (12/31/2018), United Guaranty Mortgage Insurance Company (2/28/2019), United Guaranty Mortgage Insurance Company of North Carolina (2/28/2019) and Alternative Underwriting Services, Ltd. (3/11/2019). The following companies have changed names: Arch Insurance Company (Europe) Limited changed to Arch Insurance (UK) Limited and Arch Mortgage Insurance Designated Activity Company changed to Arch Insurance (EU) Designated Activity Company. Additionally, Arch Underwriting at Lloyd's Ltd purchased remaining 25% of Axiom Underwriting Agency Limited on 1/1/2019 making Axiom Underwriting Agency Limited 100% owned by Arch.

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? If yes, complete and file the merger history data file with the NAIC for the annual filing corresponding to this period. 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	2	3
Name of Entity	NAIC Company Code	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? If yes, attach an explanation. Yes [] No [X] N/A []

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	2	3	4	5	6
Affiliate Name	Location (City, State)	FRB	OCC	FDIC	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).

Statement for March 31, 2019 of the **ARCH MORTGAGE INSURANCE COMPANY**
GENERAL INTERROGATORIES

PART 1 - COMMON INTERROGATORIES

- 9.3 Have any provisions of the code of ethics been waived for any of the specified officers? Yes [] No [X]
 9.31 If the response to 9.3 is Yes, provide the nature of any waiver(s).

FINANCIAL

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

	1 Prior Year End Book/Adjusted Carrying Value	2 Current Quarter Book/Adjusted Carrying Value
14.21 Bonds	\$ 0	\$ 0
14.22 Preferred Stock	0	0
14.23 Common Stock	49,331,214	33,958,512
14.24 Short-Term Investments	0	0
14.25 Mortgage Loans on Real Estate	0	0
14.26 All Other	0	0
14.27 Total Investment in Parent, Subsidiaries and Affiliates (Subtotal Lines 14.21 to 14.26)	\$ 49,331,214	\$ 33,958,512
14.28 Total Investment in Parent included in Lines 14.21 to 14.26 above	\$ 0	\$ 0

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

GENERAL INTERROGATORIES

PART 1 - COMMON INTERROGATORIES

18.2 If no, list exceptions:

19. By self-designating 5GI securities, the reporting entity is certifying the following elements for each self-designated 5GI security:
- a. Documentation necessary to permit a full credit analysis of the security does not exist or an NAIC CRP credit rating for an FE or PL security is not available.
 - b. Issuer or obligor is current on all contracted interest and principal payments.
 - c. The insurer has an actual expectation of ultimate payment of all contracted interest and principal.
- Has the reporting entity self-designated 5GI securities?

Yes [] No [X]

20. By self-designating PLGI securities, the reporting entity is certifying the following elements for each self-designated PLGI security:
- a. The security was purchased prior to January 1, 2018.
 - b. The reporting entity is holding capital commensurate with the NAIC Designation reported for the security.
 - c. The NAIC Designation was derived from the credit rating assigned by an NAIC CRP in its legal capacity as a NRSRO which is shown on a current private letter rating held by the insurer and available for examination by state insurance regulators.
 - d. The reporting entity is not permitted to share this credit rating of the PL security with the SVO.
- Has the reporting entity self-designated PLGI securities?

Yes [] No [X]

ARCH MORTGAGE INSURANCE COMPANY

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 [X] No []

- 3.2 If yes, give full and complete information thereto:

On January 23, 2019, the Department approved the Company's request to commute the Twins Quota Share Reinsurance Agreement between the Company, United Guaranty Residential Insurance Company and United Mortgage Insurance Company and United Mortgage Insurance Company of North Carolina. The reinsurance agreement was effective July 1, 2017 and the effective date of the commutation is January 1, 2019.

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

All Other Insurers

	AA-3191392.....	Bellemeae Re 2019 1 Ltd.....	BMU.....	Unauthorized....		
--	-----------------	------------------------------	----------	------------------	--	--

ARCH MORTGAGE INSURANCE COMPANY

SCHEDULE T - EXHIBIT OF PREMIUMS WRITTEN

Current Year to Date - Allocated by States and Territories

	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	1,710,326	861,498	103,701		394,139	270,451
2. Alaska.....AK	L	796,517	749,235	66,097		848,896	1,375,344
3. Arizona.....AZ	L	5,351,578	3,306,677	(758)	50,213	1,752,336	1,650,274
4. Arkansas.....AR	L	985,610	581,448	18,764	53,878	425,419	419,084
5. California.....CA	L	12,022,030	8,096,081	66,952	10,621	4,691,867	3,232,525
6. Colorado.....CO	L	4,148,802	2,298,565	(1,054)		815,493	425,925
7. Connecticut.....CT	L	1,663,173	947,316	35,340		1,173,188	912,534
8. Delaware.....DE	L	570,444	311,532			229,837	106,539
9. District of Columbia.....DC	L	670,588	432,213			52,679	56,528
10. Florida.....FL	L	11,342,924	6,345,451	109,253	91,474	6,540,848	7,547,000
11. Georgia.....GA	L	5,890,013	3,619,608	139,403	19,097	2,240,580	2,076,799
12. Hawaii.....HI	L	474,977	221,245			380,486	287,728
13. Idaho.....ID	L	1,895,564	1,516,211		5,534	358,253	479,101
14. Illinois.....IL	L	5,243,888	3,224,347	177,936	131,813	1,877,180	1,346,935
15. Indiana.....IN	L	4,100,654	2,417,358	28,711	96,556	1,154,943	1,088,109
16. Iowa.....IA	L	2,010,887	1,634,870	27,938	60,240	1,030,473	1,015,755
17. Kansas.....KS	L	2,115,524	1,527,662	90,665	27,359	979,708	878,738
18. Kentucky.....KY	L	1,509,415	844,931	11,795		326,246	420,558
19. Louisiana.....LA	L	1,278,537	745,433	30,125	4,295	636,398	839,447
20. Maine.....ME	L	610,810	421,906	17,453		290,550	707,638
21. Maryland.....MD	L	4,960,417	3,063,668	41,658	416,207	1,083,823	1,602,893
22. Massachusetts.....MA	L	6,756,312	4,409,035	197,827	161,201	2,352,495	2,079,667
23. Michigan.....MI	L	4,910,559	4,202,395	59,171	223,155	1,944,399	2,336,900
24. Minnesota.....MN	L	5,386,110	3,050,790	94,042	152,442	1,742,805	1,761,898
25. Mississippi.....MS	L	439,682	240,405		12,663	220,592	109,287
26. Missouri.....MO	L	3,246,365	2,191,155	20,812	121,354	859,911	525,776
27. Montana.....MT	L	191,777	107,385			23,303	16,737
28. Nebraska.....NE	L	1,179,912	627,829		34,182	445,847	224,682
29. Nevada.....NV	L	1,218,685	670,732	168,376	113,656	470,988	813,717
30. New Hampshire.....NH	L	1,316,707	829,292	63,965		108,249	104,523
31. New Jersey.....NJ	L	4,511,095	2,228,608	60,607	219,286	1,462,360	2,089,416
32. New Mexico.....NM	L	909,775	631,312			544,412	432,712
33. New York.....NY	L	3,920,841	2,545,581	207,970	210,048	2,413,311	3,895,279
34. North Carolina.....NC	L	5,757,094	4,087,459	57,789	50,948	1,994,314	996,616
35. North Dakota.....ND	L	204,319	127,952	7,801		111,055	103,924
36. Ohio.....OH	L	4,601,177	2,952,113	176,460	76,168	2,163,368	2,629,664
37. Oklahoma.....OK	L	1,376,615	867,031			652,435	721,475
38. Oregon.....OR	L	3,556,709	2,352,647		99,583	1,013,167	601,073
39. Pennsylvania.....PA	L	4,110,719	2,513,923	390	81,782	2,274,086	2,371,932
40. Rhode Island.....RI	L	1,034,366	871,005	(697)		320,610	394,303
41. South Carolina.....SC	L	3,471,622	2,147,559	425	44,029	1,151,120	1,033,441
42. South Dakota.....SD	L	551,190	403,447	17,871		115,468	89,271
43. Tennessee.....TN	L	4,660,380	3,146,281	84,878	44,104	1,114,723	1,556,323
44. Texas.....TX	L	12,051,786	6,462,576	173,400	159,885	3,099,130	3,493,439
45. Utah.....UT	L	3,439,813	2,116,219	44,332		850,065	901,609
46. Vermont.....VT	L	472,395	335,014		93,933	192,655	318,609
47. Virginia.....VA	L	5,530,131	3,465,910	(664)	25,370	1,446,454	1,474,885
48. Washington.....WA	L	4,612,012	2,108,358	19,113	26,846	1,081,699	806,362
49. West Virginia.....WV	L	214,746	121,095	85,017	12,459	138,852	131,571
50. Wisconsin.....WI	L	5,882,468	4,376,961	133,065	153,154	2,663,450	3,075,698
51. Wyoming.....WY	L	170,160	92,811			56,177	42,184
52. American Samoa.....AS	N						
53. Guam.....GU	L						
54. Puerto Rico.....PR	L	12,379	7,207			110,511	130,993
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	165,050,575	103,457,343	2,635,932	3,083,536	60,421,351	62,003,870

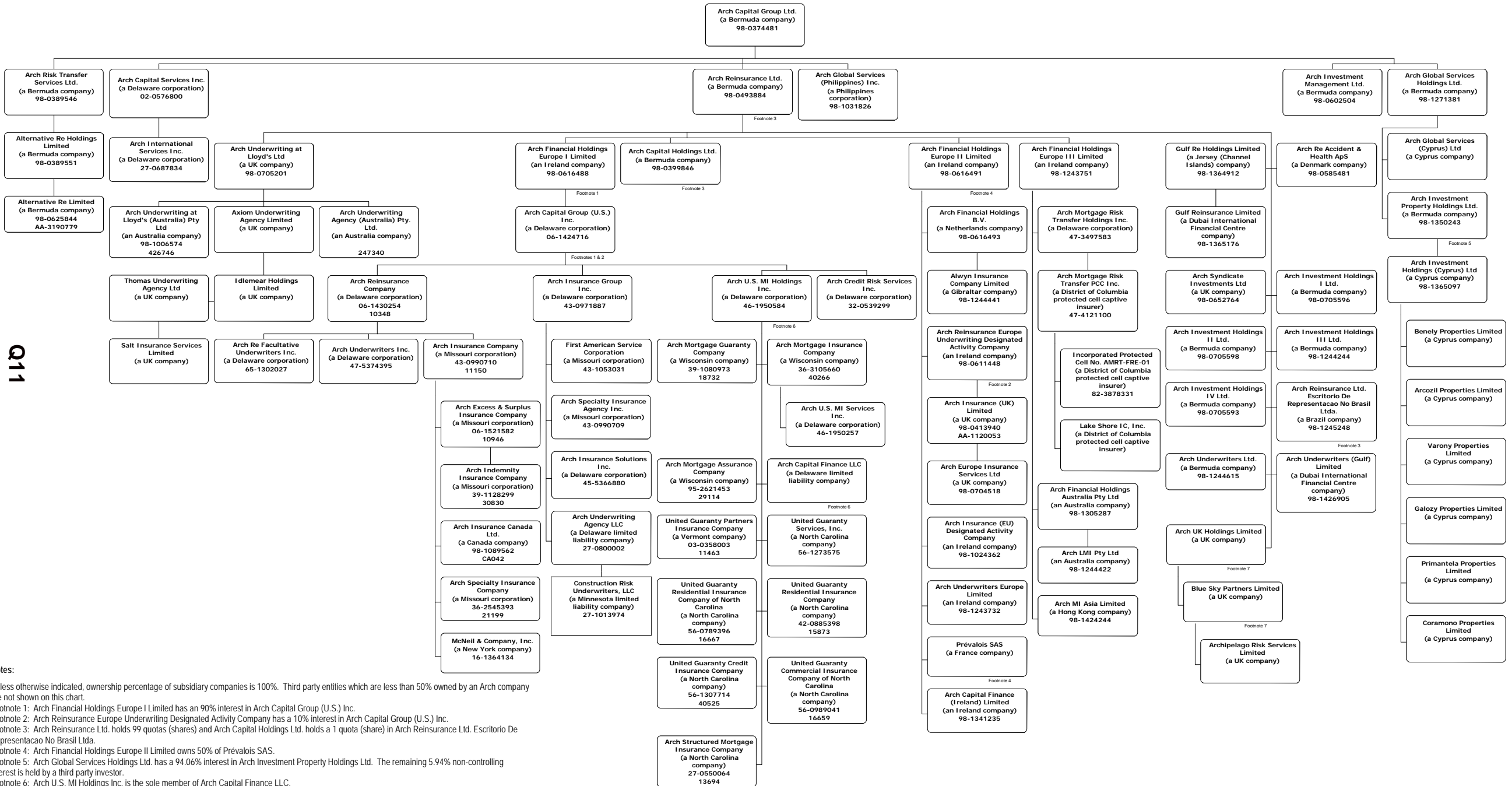
DETAILS OF WRITE-INS

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.....	53	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 (DSLI) - 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.....	4

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

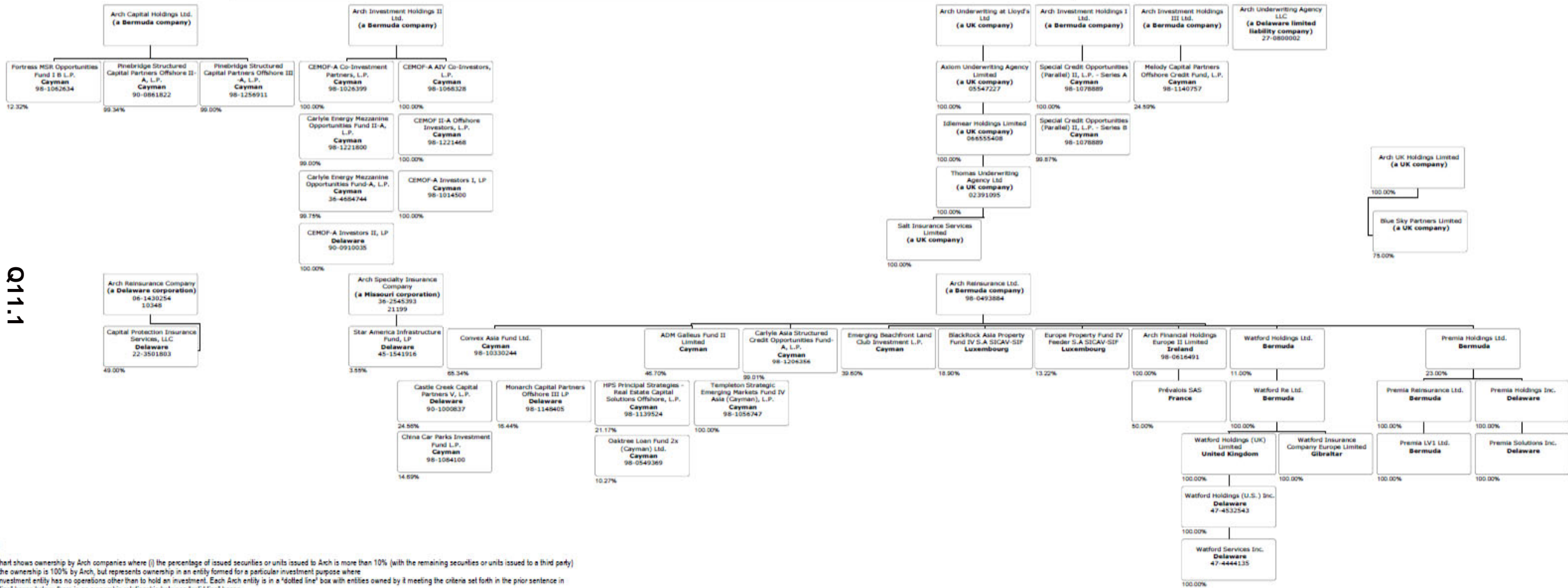


Q11

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 Financial Holdings Europe II Limited owns 50% of Prévalois SAS.
 Footnote 5: 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 6: Arch U.S. MI Holdings Inc. is the sole member of Arch Capital Finance LLC.
 Footnote 7: 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



Q11.1

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.....	..N.....	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.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	100.000	Arch Capital Group Ltd.....	..N.....	
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Idlemeare Holdings Limited.....	GBR.....	NIA.....	Axiom Underwriting Agency Limited.....	Ownership.....	100.000	Arch Capital Group Ltd.....	..N.....	
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Thomas Underwriting Agency Limited.....	GBR.....	NIA.....	Idlemeare Holdings Limited.....	Ownership.....	100.000	Arch Capital Group Ltd.....	..N.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	..N.....	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.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	

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.....	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.....	.....
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.....	.....
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.....	.....
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.....	.....
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.....	.....
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.....	.....
N/A..	N/A.....	N/A.....	98-1024362..	N/A.....	N/A.....	N/A.....	Arch Insurance (EU) Designated Activity Company	IRL.....	IA.....	Arch Financial Holdings Europe II Limited.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	...N.....	.....
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.....	.....
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.....	.....
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.....	.....
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.....	.....
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.....	.....
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.....	.....
N/A..	N/A.....	N/A.....	98-0413940..	N/A.....	N/A.....	N/A.....	Arch Insurance (UK) Limited.....	GBR.....	IA.....	Arch Reinsurance Europe Underwriting Designated Activity Company	Ownership.....	...100.000	Arch Capital Group Ltd.....	...N.....	.....
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.....	.....
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.....	.....
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.....	.....
N/A..	N/A.....	N/A.....	98-0704518..	N/A.....	N/A.....	N/A.....	Arch Europe Insurance Services Ltd.....	GBR.....	NIA.....	Arch Insurance (UK) Limited.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	...N.....	.....
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.....	.....
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.....	.....
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.....	.....
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.....	.....
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.....	.....
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.....	...N.....	.....
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.....	.....
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.....	.....
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.....	.....
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.....	...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.....	...N.....	.....

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.	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.....	
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.....	
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.....	
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.....	
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.....	
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.....	.....N.....	
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.....	.....N.....	
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.....	.....N.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	
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.....	.....N.....	
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.....	.....N.....	
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.....	.....N.....	
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.....	.....N.....	
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.....	.....N.....	
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.....	

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.....	Prévalois SAS.....	FRA.....	NIA.....	Arch Financial Holdings Europe II Limited.....	Ownership.....	.....50.000	Arch Capital Group Ltd.....	.....N.....	
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.....	.....N.....	3.....
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.....	.....N.....	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.....	.....N.....	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.....	.....N.....	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.....	.....N.....	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.....	.....N.....	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.....	.....N.....	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.....	.....N.....	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.....	.....N.....	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.....	.....N.....	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.....	.....N.....	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.....	.....N.....	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.....	.....N.....	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.....	.....N.....	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.....	.....N.....	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.....	.....N.....	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.....	.....N.....	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.....	.....N.....	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.....	.....N.....	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.....	.....N.....	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.....	.....N.....	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.....	.....N.....	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.....	.....N.....	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.....	.....N.....	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.....	.....N.....	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.....	Europe Property Fund IV Feeder S.A SICAV-SIF	LUX.....	OTH.....	Arch Reinsurance Ltd.....	Ownership.....	.....13.000	Arch Capital Group Ltd.....	.....N.....	3.....
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.....	.....N.....	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.....	.....
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.....	.....
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.....	.....
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.....	.....
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.....	.....
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.....	.....
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.....	.....
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.....	.....
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.....	.....N.....	.....
N/A..	N/A.....	N/A.....	16-1364134..	N/A.....	N/A.....	N/A.....	McNeil & Company, Inc.....	NY.....	IA.....	Arch Insurance Company.....	Ownership.....	.....100.000	Arch Capital Group Ltd.....	.....N.....	.....

Q12.4

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.

Statement for March 31, 2019 of the **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.....	160,852,748	4,459,884	2.773	6.963
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.....	160,852,748	4,459,884	2.773	6.963

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.....	165,050,575	165,050,575	103,457,343
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.....	165,050,575	165,050,575	103,457,343

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)	2019 Loss and LAE Payments on Claims Reported as of Prior Year-End	2019 Loss and LAE Payments on Claims Unreported as of Prior Year-End	Total 2019 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. 2016 + Prior.....	65,351	1,509	66,860	8,374	103	8,477	49,856	139	1,277	51,272	(7,121)	10	(7,111)
2. 2017.....	38,885	1,381	40,266	4,552	29	4,581	28,163	104	847	29,114	(6,170)	(401)	(6,571)
3. Subtotals 2017 + Prior.....	104,236	2,890	107,126	12,926	132	13,058	78,019	243	2,124	80,386	(13,291)	(391)	(13,682)
4. 2018.....	50,713	6,164	56,877	2,180	43	2,223	47,822	5,701	1,558	55,081	(711)	1,138	427
5. Subtotals 2018 + Prior.....	154,949	9,054	164,003	15,106	175	15,281	125,841	5,944	3,682	135,467	(14,002)	747	(13,255)
6. 2019.....	XXX	XXX	XXX	XXX		0	XXX	8,662	4,439	13,101	XXX	XXX	XXX
7. Totals.....	154,949	9,054	164,003	15,106	175	15,281	125,841	14,606	8,121	148,568	(14,002)	747	(13,255)
8. Prior Year-End's Surplus As Regards Policyholders	308,849										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. ....(9.0)%	2. ....8.3%	3. ....(8.1)%
													Col. 13, Line 7 Line 8
													4. ....(4.3)%

Q14

Statement for March 31, 2019 of the **ARCH MORTGAGE INSURANCE COMPANY**
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:



NONE

Statement for March 31, 2019 of the **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	
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.....		(108,995)
5. Deduct amounts received on disposals.....		684,255
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).....	0	0
10. Deduct total nonadmitted amounts.....		
11. Statement value at end of current period (Line 9 minus Line 10).....	0	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.....		
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

NONE

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.....		
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

NONE

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.....	1,820,067,196	1,789,891,933
2. Cost of bonds and stocks acquired.....	475,680,372	1,678,384,492
3. Accrual of discount.....	487,872	2,089,369
4. Unrealized valuation increase (decrease).....	(13,370,545)	2,253,211
5. Total gain (loss) on disposals.....	(2,460,323)	(16,752,512)
6. Deduct consideration for bonds and stocks disposed of.....	414,493,326	1,626,961,736
7. Deduct amortization of premium.....	1,469,698	8,954,989
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.....	16,401	117,428
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10).....	1,864,457,949	1,820,067,196
12. Deduct total nonadmitted amounts.....	33,958,512	49,331,214
13. Statement value at end of current period (Line 11 minus Line 12).....	1,830,499,437	1,770,735,982

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).....	1,374,882,733	382,077,116	366,480,114	3,517,185	1,393,996,919			1,374,882,733
2. NAIC 2 (a).....	303,870,086	79,004,613	46,233,295	(2,207,358)	334,434,046			303,870,086
3. NAIC 3 (a).....	51,412,526	8,323,769	5,549,940	2,126,885	56,313,240			51,412,526
4. NAIC 4 (a).....	50,117,090	7,774,739	9,750,411	(2,383,162)	45,758,257			50,117,090
5. NAIC 5 (a).....					0			
6. NAIC 6 (a).....	1,000,000				1,000,000			1,000,000
7. Total Bonds.....	1,781,282,436	477,180,237	428,013,760	1,053,549	1,831,502,462	0	0	1,781,282,436
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.....	1,781,282,436	477,180,237	428,013,760	1,053,549	1,831,502,462	0	0	1,781,282,436

QS102

(a) Book/Adjusted Carrying Value column for the end of the current reporting period includes the following amount of short-term and cash equivalent bonds by NAIC designation:
NAIC 1 \$.....0; NAIC 2 \$.....0; NAIC 3 \$.....351,400; NAIC 4 \$.....651,625; 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.....	1,003,025	XXX	1,022,368		

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.....	3,573,751	10,501,994
2. Cost of short-term investments acquired.....		9,381,310
3. Accrual of discount.....		18,795
4. Unrealized valuation increase (decrease).....	17,222	(17,218)
5. Total gain (loss) on disposals.....	(1,513)	(33,758)
6. Deduct consideration received on disposals.....	2,575,000	16,215,640
7. Deduct amortization of premium.....	11,435	61,731
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).....	1,003,025	3,573,751
11. Deduct total nonadmitted amounts.....		
12. Statement value at end of current period (Line 10 minus Line 11).....	1,003,025	3,573,751

**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**

ARCH MORTGAGE INSURANCE COMPANY

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.....	40,935,819	76,670,834
2. Cost of cash equivalents acquired.....	262,548,166	1,844,980,745
3. Accrual of discount.....	27,433	223,768
4. Unrealized valuation increase (decrease).....		
5. Total gain (loss) on disposals.....		(84)
6. Deduct consideration received on disposals.....	244,717,831	1,880,916,256
7. Deduct amortization of premium.....		23,188
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).....	58,793,587	40,935,819
11. Deduct total nonadmitted amounts.....		
12. Statement value at end of current period (Line 10 minus Line 11).....	58,793,587	40,935,819

**Sch. A Pt. 2
NONE**

**Sch. A Pt. 3
NONE**

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

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

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

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

QE01, QE02, QE03

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 and Administrative Symbol/Market Indicator (a)
Bonds - U.S. Government									
912828 5H 9	UNITED STATES TREASURY		01/24/2019	VARIOUS		17,931,859	17,950,000	87,821	1
912828 5M 8	UNITED STATES TREASURY		01/07/2019	VARIOUS		987,307	950,000	4,213	1
912828 5R 7	UNITED STATES TREASURY		01/10/2019	VARIOUS		1,103,307	1,100,000	2,228	1
912828 5T 3	UNITED STATES TREASURY		01/28/2019	VARIOUS		16,093,920	16,100,000	21,348	1
912828 5U 0	UNITED STATES TREASURY		01/24/2019	VARIOUS		26,262,866	26,200,000	41,906	1
912828 5X 4	UNITED STATES TREASURY		02/08/2019	VARIOUS		3,002,930	3,000,000	2,486	1
912828 5Y 2	UNITED STATES TREASURY		03/19/2019	VARIOUS		38,883,558	38,900,000	79,987	1
912828 5Z 9	UNITED STATES TREASURY		02/07/2019	VARIOUS		15,001,563	15,000,000	7,942	1
912828 6A 3	UNITED STATES TREASURY		02/20/2019	VARIOUS		26,094,648	26,000,000	12,762	1
912828 6B 1	UNITED STATES TREASURY		03/27/2019	VARIOUS		15,668,318	15,465,000	40,887	1
912828 6C 9	UNITED STATES TREASURY		03/13/2019	VARIOUS		3,756,328	3,750,000	6,492	1
912828 6D 7	UNITED STATES TREASURY		03/19/2019	VARIOUS		3,812,419	3,810,000	5,435	1
912828 6F 2	UNITED STATES TREASURY		03/26/2019	VARIOUS		42,662,402	42,500,000	56,148	1
912828 6G 0	UNITED STATES TREASURY		03/14/2019	MERRILL LYNCH PIERCE FENNER SMITH INC		13,168,547	13,200,000	15,334	1
912828 6H 8	UNITED STATES TREASURY		03/26/2019	VARIOUS		23,763,794	23,660,000	18,087	1
0599999	Total - Bonds - U.S. Government					248,193,765	247,585,000	403,077	XXX
Bonds - U.S. Special Revenue and Special Assessment									
311450 FP 0	FARMINGTON N MEX POLLUTN CTL REV		01/25/2019	BARCLAYS CAPITAL INC		972,500	1,000,000	3,424	2FE
45201Y M7 9	ILLINOIS HSG DEV AUTH REV		01/22/2019	CITIGROUP GLOBAL MARKETS, INC /CORRESPON		961,250	1,000,000	13,936	1FE
59447T EA 7	MICHIGAN FIN AUTH REV		02/12/2019	Bank of New York Mellon		1,011,160	1,000,000	16,994	3FE
64972F PL 4	NEW YORK N Y CITY MUN WTR FIN AUTH WTR &		03/29/2019	MERRILL LYNCH PIERCE FENNER & SMITH INC		2,300,000	2,300,000	1,128	1FE
64987D UE 2	NEW YORK ST HSG FIN AGY REV		01/17/2019	Jefferies		1,000,000	1,000,000		1FE
3199999	Total - Bonds - U.S. Special Revenue and Special Assessments					6,244,910	6,300,000	35,482	XXX
Bonds - Industrial and Miscellaneous									
00206R CT 7	AT&T INC		02/01/2019	CREDIT SUISSE SECURITIES (USA)		136,065	135,000	2,599	2FE
00206R DQ 2	AT&T INC		01/18/2019	MERRILL LYNCH PIERCE FENNER & SMITH INC		234,657	235,000	3,940	2FE
00206R GL 0	AT&T INC		03/04/2019	MERRILL LYNCH PIERCE FENNER & SMITH INC		79,225	80,000	191	2FE
00206R HJ 4	AT&T INC		02/13/2019	WELLS FARGO SECURITIES LLC		69,656	70,000		2FE
00287Y AL 3	ABBVIE INC		02/19/2019	MORGAN STANLEY & CO. LLC		4,919,100	5,000,000	42,292	2FE
00287Y AY 5	ABBVIE INC		03/04/2019	GOLDMAN		89,981	95,000	946	2FE
00287Y BF 5	ABBVIE INC		03/04/2019	MERRILL LYNCH PIERCE FENNER & SMITH INC		104,568	105,000	2,083	2FE
00388W AG 6	ABU DHABI NATIONAL ENERGY CO PJSC	C	02/01/2019	BNYMELLON/MIZUHO INTERNATIONAL		207,930	200,000	2,763	1FE
00404A AM 1	ACADIA HEALTHCARE COMPANY INC		01/25/2019	Unknown		107,800	110,000	2,939	4FE
00774M AB 1	AERCAP IRELAND CAPITAL DAC	C	03/04/2019	SUNTRUST ROBINSON HUMPHREY INC		157,894	175,000	798	2FE
00774M AK 1	AERCAP IRELAND CAPITAL DAC	C	03/04/2019	SUNTRUST ROBINSON HUMPHREY INC		225,254	220,000	1,490	2FE
00912X AT 1	AIR LEASE CORP		03/04/2019	SUNTRUST ROBINSON HUMPHREY INC		191,436	200,000	2,850	2FE
00912X BA 1	AIR LEASE CORP		03/04/2019	SUNTRUST ROBINSON HUMPHREY INC		165,844	175,000	79	2FE
02209S BA 0	ALTRIA GROUP INC		02/12/2019	JP Morgan Securities Inc		4,999,700	5,000,000		2FE
02209S BB 8	ALTRIA GROUP INC		02/12/2019	JP Morgan Securities Inc		2,993,910	3,000,000		2FE
02209S BC 6	ALTRIA GROUP INC		02/12/2019	JP Morgan Securities Inc		1,995,820	2,000,000		2FE
02209S BD 4	ALTRIA GROUP INC		02/12/2019	JP MORGAN SECURITIES LLC		109,689	110,000		2FE
02377A AA 6	AMERICAN AIRLINES PASS THROUGH TRUST SER		01/25/2019	BARCLAYS CAPITAL INC		4,562,041	4,666,477	56,594	1FE
03027X AJ 9	AMERICAN TOWER CORP		01/31/2019	MERRILL LYNCH PIERCE FENNER		138,393	135,000	2,789	2FE
03027X AK 6	AMERICAN TOWER CORP		03/04/2019	VARIOUS		182,352	190,000	2,148	2FE

QE04

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 and Administrative Symbol/Market Indicator (a)
031162 CP 3	AMGEN INC.....		01/23/2019.....	MERRILL LYNCH PIERCE FENNER & SMITH INC.....		127,451	130,000	708	2FE.....
032654 AL 9	ANALOG DEVICES INC.....		01/23/2019.....	MORGAN STANLEY CO.....		287,899	295,000	1,024	2FE.....
03523T BX 5	ANHEUSER-BUSCH INBEV WORLDWIDE INC.....	C.....	01/10/2019.....	BARCLAYS CAPITAL INC.....		339,660	340,000		2FE.....
035240 AQ 3	ANHEUSER-BUSCH INBEV WORLDWIDE INC.....	C.....	01/30/2019.....	VARIOUS.....		730,621	720,000	206	2FE.....
036752 AB 9	ANTHEM INC.....		01/18/2019.....	PERSHING DIV OF DLJ SEC LNDING.....		43,052	45,000	237	2FE.....
03938L AX 2	ARCELORMITTAL SA.....	C.....	03/15/2019.....	GOLDMAN.....		118,065	110,000	458	2FE.....
05530Q AF 7	BAT INTERNATIONAL FINANCE PLC.....	C.....	02/14/2019.....	MERRILL LYNCH PIERCE FENNER SMITH INC.....		1,977,720	2,000,000	13,000	2FE.....
06050T MJ 8	BANK OF AMERICA NA.....		01/22/2019.....	MERRILL LYNCH PIERCE FENNER SMITH INC.....		6,500,000	6,500,000		1FE.....
06051G FL 8	BANK OF AMERICA CORP.....		02/01/2019.....	PERSHING DIV OF DLJ SEC LNDING.....		242,378	240,000	2,918	2FE.....
06051G FU 8	BANK OF AMERICA CORP.....		01/29/2019.....	MERRILL LYNCH PIERCE FENNER.....		157,460	155,000	2,836	2FE.....
06051G GC 7	BANK OF AMERICA CORP.....		01/30/2019.....	GOLDMAN.....		114,885	115,000	882	2FE.....
06367W JM 6	BANK OF MONTREAL.....	C.....	03/21/2019.....	BONY MELLON/BMO CAP MKTS.....		10,473,330	10,500,000		1FE.....
07274N AE 3	BAYER US FINANCE II LLC.....	C.....	03/06/2019.....	SUNTRUST ROBINSON HUMPHREY INC.....		3,004,140	3,000,000	26,802	2FE.....
07274N AL 7	BAYER US FINANCE II LLC.....	C.....	03/18/2019.....	JP MORGAN SECURITIES LLC.....		518,487	520,000	6,003	2FE.....
07274N AW 3	BAYER US FINANCE II LLC.....	C.....	03/06/2019.....	MORGAN STANLEY & CO. LLC.....		5,343,543	5,510,000	27,378	2FE.....
075887 BW 8	BECTON DICKINSON AND CO.....		02/01/2019.....	MERRILL LYNCH PIERCE FENNER & SMITH INC.....		112,469	115,000	697	2FE.....
095370 AD 4	BLUE CUBE SPINCO INC.....		03/08/2019.....	MERRILL LYNCH PIERCE FENNER.....		211,825	185,000	7,554	3FE.....
097751 BP 5	BOMBARDIER INC.....	C.....	03/06/2019.....	Stifel Nicolaus & Co.....		327,814	297,000	7,002	4FE.....
101137 AW 7	BOSTON SCIENTIFIC CORP.....		02/21/2019.....	BARCLAYS CAPITAL INC.....		6,980,680	7,000,000		2FE.....
10373Q BE 9	BP CAPITAL MARKETS AMERICA INC.....	C.....	02/07/2019.....	VARIOUS.....		12,003,200	12,000,000		1FE.....
10554T AB 1	BRASKEM NETHERLANDS FINANCE BV.....	C.....	01/31/2019.....	BNP Paribas.....		222,502	230,000	690	2FE.....
1248EP AY 9	CCO HOLDINGS LLC.....		02/14/2019.....	MERRILL LYNCH PIERCE FENNER.....		61,050	60,000	1,216	3FE.....
126408 HM 8	CSX CORP.....		02/21/2019.....	JP MORGAN SECURITIES LLC.....		72,033	70,000	851	2FE.....
126650 CX 6	CVS HEALTH CORP.....		03/18/2019.....	VARIOUS.....		375,901	375,000	6,145	2FE.....
15135B AH 4	CENTENE ESCROW CORP.....		03/27/2019.....	VARIOUS.....		83,810	80,000	599	3FE.....
15723R AA 2	CFX ESCROW CORP.....		01/31/2019.....	Unknown.....		90,000	90,000		3FE.....
161175 AY 0	CHARTER COMMUNICATIONS INC.....		03/15/2019.....	GOLDMAN.....		133,833	130,000	338	2FE.....
161175 BK 9	CHARTER COMMUNICATIONS OPERATING LLC.....		03/19/2019.....	BARCLAYS CAPITAL INC.....		166,507	170,000	119	2FE.....
161175 BR 4	CHARTER COMMUNICATIONS OPERATING LLC.....		01/14/2019.....	DEUTSCHE BANK SECURITIES, INC.....		129,916	130,000		2FE.....
171798 AE 1	CIMAREX ENERGY CO.....		03/06/2019.....	JP MORGAN SECURITIES LLC.....		17,975	18,000		2FE.....
172967 KN 0	CITIGROUP INC.....		01/18/2019.....	MERRILL LYNCH PIERCE FENNER & SMITH INC.....		76,399	80,000	620	2FE.....
17325F AV 0	CITIBANK NA.....		02/11/2019.....	CITIGROUP GLOBAL MARKETS INC.....		6,000,000	6,000,000		1FE.....
17401Q AS 0	CITIZENS BANK NA.....		02/11/2019.....	MORGAN STANLEY & CO. LLC.....		2,997,270	3,000,000		2FE.....
20030N CR 0	COMCAST CORP.....		02/05/2019.....	VARIOUS.....		5,116,789	5,000,000	62,694	1FE.....
20605P AH 4	CONCHO RESOURCES INC.....		02/28/2019.....	PERSHING DIV OF DLJ SEC LNDING.....		24,296	25,000	398	2FE.....
21240B AD 3	CONTROLADORA MABE SA DE CV.....	C.....	01/31/2019.....	HSBC SECURITIES.....		196,480	200,000	3,142	2FE.....
224044 CG 0	COX COMMUNICATIONS INC.....		03/01/2019.....	MERRILL LYNCH PIERCE FENNER & SMITH INC.....		85,441	90,000	1,424	2FE.....
22822V AB 7	CROWN CASTLE INTERNATIONAL CORP.....		02/01/2019.....	PERSHING DIV OF DLJ SEC LNDING.....		133,286	130,000	2,732	2FE.....
22822V AK 7	CROWN CASTLE INTERNATIONAL CORP.....		02/28/2019.....	PERSHING DIV OF DLJ SEC LNDING.....		43,649	45,000	90	2FE.....
233851 DR 2	DAIMLER FINANCE NORTH AMERICA LLC.....	C.....	02/19/2019.....	CITIGROUP GLOBAL MARKETS INC.....		4,992,500	5,000,000		1FE.....
24703D BA 8	DELL INTERNATIONAL LLC.....		03/19/2019.....	GOLDMAN.....		204,010	205,000	30	2FE.....
247361 ZJ 0	DELTA AIR LINES INC.....		03/15/2019.....	US BANCORP INVESTMENTS INC.....		380,650	380,000	153	2FE.....
25272K AD 5	DIAMOND 1 FINANCE CORP.....		01/30/2019.....	VARIOUS.....		65,836	65,000	346	2FE.....
25272K AG 8	DIAMOND 1 FINANCE CORP.....		01/30/2019.....	MORGAN STANLEY CO.....		209,374	200,000	1,393	2FE.....

QE04.1

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 and Administrative Symbol/Market Indicator (a)
25272K AW 3	DIAMOND 1 FINANCE CORP.....		03/05/2019.....	MERRILL LYNCH PIERCE FENNER.....		531,250	500,000	8,115	3FE.....
254709 AP 3	DISCOVER FINANCIAL SERVICES.....		02/01/2019.....	BARCLAYS CAPITAL INC.....		95,937	95,000	59	2FE.....
25470D BD 0	DISCOVERY COMMUNICATIONS LLC.....		03/15/2019.....	MORGAN STANLEY CO.....		74,639	75,000	774	2FE.....
25470X AE 5	DISH DBS CORP.....		02/20/2019.....	BARCLAYS CAPITAL INC.....		147,900	145,000	2,202	4FE.....
260543 CQ 4	DOW CHEMICAL CO.....		03/04/2019.....	VARIOUS.....		311,865	300,000	3,440	2FE.....
26078J AD 2	DOWDUPONT INC.....		01/18/2019.....	Citigroup (SSB).....		125,608	120,000	866	2FE.....
26078J AH 3	DOWDUPONT INC.....		01/31/2019.....	RBC CAPITAL MARKETS.....		259,563	260,000	1,874	2FE.....
26249B AU 5	DRSLF 30R CR - CDO.....		01/04/2019.....	JP MORGAN SECURITIES LLC.....		950,000	1,000,000	6,474	1FE.....
26250J AW 0	DRSLF 25RR CRR - CDO.....		01/04/2019.....	DEUTSCHE BANK SECURITIES, INC.....		967,500	1,000,000	10,120	1FE.....
26441C AR 6	DUKE ENERGY CORP.....		01/23/2019.....	MERRILL LYNCH PIERCE FENNER & SMITH INC.....		317,734	330,000	2,376	2FE.....
26817R AP 3	VISTRA ENERGY.....		02/14/2019.....	VARIOUS.....		1,257,587	1,180,000	23,233	3FE.....
26885B AD 2	EQT MIDSTREAM PARTNERS LP.....		02/15/2019.....	WELLS FARGO ADVISORS LLC.....		3,039,330	3,000,000	13,854	2FE.....
269246 BQ 6	E*TRADE FINANCIAL CORP.....		01/18/2019.....	PERSHING DIV OF DLJ SEC LNDING.....		55,892	60,000	944	2FE.....
29273R BG 3	ENERGY TRANSFER PARTNERS LP.....		02/01/2019.....	PERSHING DIV OF DLJ SEC LNDING.....		206,031	205,000	541	2FE.....
29273V AD 2	ENERGY TRANSFER EQUITY LP.....		01/25/2019.....	Unknown.....		9,473	9,000	21	3FE.....
29278N AG 8	ENERGY TRANSFER OPERATING LP.....		02/28/2019.....	VARIOUS.....		261,787	260,000	357	2FE.....
29278N AH 6	ENERGY TRANSFER OPERATING LP.....		01/08/2019.....	GOLDMAN SACHS & CO, NY.....		2,491,150	2,500,000		2FE.....
29444U AN 6	EQUINIX INC.....		02/08/2019.....	JP MORGAN SECURITIES LLC.....		511,100	500,000	3,061	3FE.....
30162R AA 9	EXELA INTERMEDIATE LLC.....		03/20/2019.....	BARCLAYS CAPITAL INC.....		110,045	108,000	1,609	4FE.....
30212P AP 0	EXPEDIA INC.....		02/01/2019.....	GOLDMAN.....		84,767	90,000	1,615	2FE.....
31428X BM 7	FEDEX CORP.....		01/18/2019.....	Jefferies.....		112,698	120,000	1,408	2FE.....
31428X BU 9	FEDEX CORP.....		01/14/2019.....	Citigroup (SSB).....		5,099,078	5,105,000		2FE.....
31620M AT 3	FIDELITY NATIONAL INFORMATION SERVICES I.....		03/04/2019.....	Stifel Nicolaus & Co.....		181,921	195,000	320	2FE.....
316773 CX 6	FIFTH THIRD BANCORP.....		01/23/2019.....	MORGAN STANLEY CO.....		259,516	260,000		2FE.....
32008D AB 2	FIRST DATA CORP.....		03/12/2019.....	VARIOUS.....		821,063	795,000	6,687	4FE.....
336130 AA 7	FIRST QUALITY FINANCE CO INC.....		03/21/2019.....	WELLS FARGO SECURITIES LLC.....		483,604	483,000	8,067	4FE.....
337738 AR 9	FISERV INC.....		02/28/2019.....	VARIOUS.....		118,433	120,000	2,146	2FE.....
337932 AH 0	FIRSTENERGY CORP.....		02/28/2019.....	GOLDMAN.....		114,193	115,000	610	2FE.....
34528H AA 2	FORDR 18REV2 A - ABS.....		01/25/2019.....	WELLS FARGO ADVISORS LLC.....		13,312,683	13,284,143	17,926	1FE.....
345397 YZ 0	FORD MOTOR CREDIT COMPANY LLC.....		03/15/2019.....	CREDIT AGRICOLE.....		196,440	200,000	3,162	2FE.....
345397 ZQ 9	FORD MOTOR CREDIT COMPANY LLC.....		03/13/2019.....	JP MORGAN SECURITIES LLC.....		291,000	291,000		2FE.....
35137L AB 1	FOX CORP.....		01/15/2019.....	GOLDMAN SACHS & CO, NY.....		3,500,000	3,500,000		2FE.....
364725 BE 0	TEGNA INC.....		02/07/2019.....	MERRILL LYNCH PIERCE FENNER.....		352,331	345,000	7,087	3FE.....
370334 BZ 6	GENERAL MILLS INC.....		01/18/2019.....	Citigroup (SSB).....		552,636	600,000	8,693	2FE.....
37045X BF 2	GENERAL MOTORS FINANCIAL COMPANY INC.....		03/15/2019.....	GOLDMAN.....		405,340	400,000	840	2FE.....
378272 AT 5	GLENCORE FUNDING LLC.....	C.....	03/05/2019.....	JP Morgan Securities Inc.....		5,971,620	6,000,000		2FE.....
404119 BU 2	HCA INC.....		02/01/2019.....	JP MORGAN SECURITIES LLC.....		323,200	320,000	6,800	2FE.....
40573L AG 1	HALFMOON PARENT INC.....		01/23/2019.....	PERSHING DIV OF DLJ SEC LNDING.....		250,345	250,000	3,022	2FE.....
40573L AS 5	HALFMOON PARENT INC.....		03/04/2019.....	VARIOUS.....		279,330	275,000	5,598	2FE.....
460690 BP 4	INTERPUBLIC GROUP OF COMPANIES INC.....		02/28/2019.....	GOLDMAN.....		30,431	30,000	632	2FE.....
46124T AA 8	INVENTIV GROUP HOLDINGS INC.....		02/12/2019.....	VARIOUS.....		129,934	123,000	3,218	4FE.....
46625H JZ 4	JPMORGAN CHASE & CO.....		01/18/2019.....	MERRILL LYNCH PIERCE FENNER & SMITH INC.....		119,500	120,000	523	1FE.....
46647P AP 1	JPMORGAN CHASE & CO.....		03/01/2019.....	VARIOUS.....		3,017,910	3,000,000	36,183	1FE.....
46647P BA 3	JPMORGAN CHASE & CO.....		01/22/2019.....	JP Morgan Securities Inc.....		4,000,240	4,000,000		1FE.....
46647P BB 1	JPMORGAN CHASE & CO.....		03/15/2019.....	JP Morgan Securities Inc.....		5,000,000	5,000,000		1FE.....

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 and Administrative Symbol/Market Indicator (a)
482480 AG 5	KLA-TENCOR CORP.....		03/13/2019.....	JP MORGAN SECURITIES LLC.....		187,101	188,000		2FE.....
49327V 2B 9	KEYBANK NA.....		03/06/2019.....	PERSHING DIV OF DLJ SEC LNDING.....		249,125	250,000		2FE.....
49456B AF 8	KINDER MORGAN INC.....		03/15/2019.....	SCOTIA CAPITAL USA INC.....		305,331	295,000	3,806	2FE.....
512807 AS 7	LAM RESEARCH CORP.....		02/25/2019.....	JP MORGAN SECURITIES LLC.....		34,961	35,000		2FE.....
512807 AU 2	LAM RESEARCH CORP.....		03/04/2019.....	VARIOUS.....		344,416	345,000	44	2FE.....
53627N AC 5	LIONS GATE CAPITAL HOLDINGS LLC.....		01/24/2019.....	JP MORGAN SECURITIES LLC.....		240,000	240,000		4FE.....
548661 DM 6	LOWE'S COMPANIES INC.....		03/04/2019.....	BNP Paribas.....		183,720	200,000	1,958	2FE.....
55336V AR 1	MPLX LP.....		02/28/2019.....	GOLDMAN.....		106,637	110,000	2,066	2FE.....
55818Y BA 8	MDPK 17R AR - CDO.....		01/07/2019.....	BARCLAYS CAPITAL INC.....		1,497,375	1,500,000	12,143	1FE.....
56585A AR 3	MARATHON PETROLEUM CORP.....		02/01/2019.....	MORGAN STANLEY CO.....		125,015	120,000	854	2FE.....
57665R AF 3	MATCH GROUP INC.....		03/05/2019.....	VARIOUS.....		247,848	235,000	3,221	3FE.....
59565X AB 6	MIDCONTINENT COMMUNICATIONS INVESTOR LLC.....		02/19/2019.....	SUNTRUST ROBINSON HUMPHREY INC.....		47,081	45,000	52	4FE.....
60855R AG 5	MOLINA HEALTHCARE INC.....		03/05/2019.....	MERRILL LYNCH PIERCE FENNER.....		490,438	475,000	7,943	4FE.....
60871R AF 7	MOLSON COORS BREWING CO.....		01/23/2019.....	MERRILL LYNCH PIERCE FENNER.....		266,679	275,000	160	2FE.....
617446 7Y 9	MORGAN STANLEY.....		01/18/2019.....	MERRILL LYNCH PIERCE FENNER & SMITH INC.....		123,106	125,000	2,039	2FE.....
617446 8C 6	MORGAN STANLEY.....		02/14/2019.....	MORGAN STANLEY & CO. LLC.....		4,083,840	4,000,000	11,556	1FE.....
61744Y AQ 1	MORGAN STANLEY.....		02/06/2019.....	MORGAN STANLEY & CO. LLC.....		6,061,320	6,000,000	64,775	1FE.....
629377 BY 7	NRG ENERGY INC.....		02/26/2019.....	Jefferies.....		508,375	490,000	9,953	3FE.....
63860U AK 6	NATIONSTAR MORTGAGE LLC.....		02/13/2019.....	CREDIT SUISSE SECURITIES (USA).....		125,313	125,000	993	4FE.....
64072T AA 3	CSC HOLDINGS LLC.....	C.....	02/12/2019.....	MERRILL LYNCH PIERCE FENNER.....		144,688	125,000	1,095	4FE.....
651290 AQ 1	NEWFIELD EXPLORATION CO.....		03/12/2019.....	MIZUHO SECURITIES USA/FIXED INCOME.....		650,072	605,000	6,901	3FE.....
651639 AN 6	NEWMONT MINING CORP.....		03/15/2019.....	GOLDMAN.....		60,508	60,000	23	2FE.....
666807 BQ 4	NORTHROP GRUMMAN CORP.....		01/23/2019.....	US BANCORP INVESTMENTS INC.....		180,312	185,000	1,310	2FE.....
683715 AA 4	OPEN TEXT CORP.....	C.....	02/26/2019.....	Citigroup (SSB).....		696,094	675,000	4,535	3FE.....
69352P AL 7	PPL CAPITAL FUNDING INC.....		01/30/2019.....	Jefferies.....		126,287	135,000	884	2FE.....
709599 AX 2	PENSKE TRUCK LEASING CO LP.....		01/18/2019.....	BNP Paribas.....		117,116	120,000	1,568	2FE.....
709599 BD 5	PENSKE TRUCK LEASING CO LP.....		01/22/2019.....	JP MORGAN SECURITIES LLC.....		3,752,409	3,755,000		2FE.....
709599 BE 3	PENSKE TRUCK LEASING CO LP.....		03/04/2019.....	VARIOUS.....		334,830	335,000	617	2FE.....
72650R AY 8	PLAINS ALL AMERICAN PIPELINE LP.....		03/15/2019.....	GOLDMAN.....		410,624	400,000	2,667	2FE.....
74819R AP 1	QUEBECOR MEDIA INC.....	C.....	02/26/2019.....	RBC CAPITAL MARKETS.....		769,600	740,000	8,628	4FE.....
7591EP AP 5	REGIONS FINANCIAL CORP.....		01/23/2019.....	GOLDMAN.....		109,948	110,000	1,916	2FE.....
780097 BK 6	ROYAL BANK OF SCOTLAND GROUP PLC.....	C.....	03/19/2019.....	CREDIT SUISSE SECURITIES (USA).....		274,000	274,000		2FE.....
78355H KB 4	RYDER SYSTEM INC.....		01/23/2019.....	MERRILL LYNCH PIERCE FENNER.....		450,351	450,000	3,019	2FE.....
78355H KL 2	RYDER SYSTEM INC.....		02/25/2019.....	WELLS FARGO ADVISORS LLC.....		6,993,420	7,000,000		1FE.....
785592 AV 8	SABINE PASS LIQUEFACTION LLC.....		02/01/2019.....	GOLDMAN.....		135,659	125,000	714	2FE.....
824348 AW 6	SHERWIN-WILLIAMS CO.....		01/18/2019.....	GOLDMAN.....		65,900	70,000	349	2FE.....
82481L AD 1	SHIRE ACQUISITIONS INVESTMENTS IRELAND D.....	C.....	01/31/2019.....	GOLDMAN.....		183,415	195,000	2,271	2FE.....
829259 AM 2	SINCLAIR TELEVISION GROUP INC.....		01/24/2019.....	DEUTSCHE BANK SECURITIES, INC.....		501,250	500,000	8,734	4FE.....
82967N AS 7	SIRIUS XM RADIO INC.....		02/13/2019.....	PERSHING DIV OF DLJ SEC LNDING.....		520,602	500,000	2,500	3FE.....
842400 GQ 0	SOUTHERN CALIFORNIA EDISON CO.....		03/12/2019.....	JP MORGAN SECURITIES LLC.....		34,860	35,000		1FE.....
84762L AQ 8	SPECTRUM BRANDS ESCROW CORP.....		02/08/2019.....	Jefferies.....		35,959	35,000	560	4FE.....
85172F AP 4	SPRINGLEAF FINANCE CORP.....		02/20/2019.....	BARCLAYS CAPITAL INC.....		470,000	470,000		3FE.....
86964W AC 6	SUZANO AUSTRIA GMBH.....	C.....	01/31/2019.....	BANK OF NEW YORK/BARCLAYS LONDON, NY.....		210,000	200,000	633	2FE.....
87165B AN 3	SYNCHRONY FINANCIAL.....		03/14/2019.....	JP MORGAN SECURITIES LLC.....		157,614	158,000		2FE.....

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 and Administrative Symbol/Market Indicator (a)
874060 AU 0	TAKEDA PHARMACEUTICAL CO LTD.....	C.....	02/28/2019.....	JP MORGAN SECURITIES LLC.....		209,672	200,000	2,722	2FE.....
87612B AY 8	TARGA RESOURCES PARTNERS LP.....		03/07/2019.....	BARCLAYS CAPITAL INC.....		795,262	760,000	24,911	3FE.....
88033G BY 5	TENET HEALTHCARE CORP.....		02/05/2019.....	JP MORGAN SECURITIES LLC.....		41,307	41,000	646	3FE.....
88033G CA 6	TENET HEALTHCARE CORP.....		03/15/2019.....	VARIOUS.....		203,309	202,000	1,048	3FE.....
883203 BW 0	TEXTRON INC.....		01/18/2019.....	PERSHING DIV OF DLJ SEC LNDING.....		78,114	80,000	1,138	2FE.....
89114Q CB 2	TORONTO-DOMINION BANK.....	C.....	03/04/2019.....	TD SECURITIES (USA) LLC.....		6,991,040	7,000,000		1FE.....
893647 AW 7	TRANSDIGM INC.....		03/20/2019.....	VARIOUS.....		1,027,917	1,009,000	9,247	4FE.....
89469A AB 0	TREEHOUSE FOODS INC.....		01/16/2019.....	Jefferies.....		139,650	140,000	2,332	4FE.....
902494 BJ 1	TYSON FOODS INC.....		02/13/2019.....	MORGAN STANLEY CO.....		44,841	45,000		2FE.....
90331H NV 1	US BANK NA.....		01/18/2019.....	US BANCORP.....		2,003,860	2,000,000	33,811	1FE.....
904678 AJ 8	UNICREDIT SPA.....	C.....	01/08/2019.....	Citigroup (SSB).....		350,000	350,000		2FE.....
907818 FB 9	UNION PACIFIC CORP.....		02/11/2019.....	MORGAN STANLEY CO.....		129,944	130,000		2FE.....
90931C AA 6	UAL 191 AA - ABS.....		01/29/2019.....	VARIOUS.....		7,507,425	7,500,000		1FE.....
90932Q AA 4	UNITED AIRLINES INC - ABS.....		01/24/2019.....	UBS SECURITIES LLC.....		5,728,173	5,805,385	87,686	1FE.....
91159H HV 5	U.S. BANCORP.....		01/28/2019.....	US BANCORP.....		9,997,300	10,000,000		1FE.....
913017 DD 8	UNITED TECHNOLOGIES CORP.....		03/15/2019.....	GOLDMAN.....		205,698	200,000	724	2FE.....
91823K AA 7	VFH PARENT LLC.....		02/25/2019.....	BAIRD, ROBERT W., & COMPANY IN.....		257,812	250,000	3,375	4FE.....
91831A AB 7	VALEANT PHARMACEUTICALS INTERNATIONAL IN.....	C.....	02/28/2019.....	VARIOUS.....		157,684	158,000	2,687	4FE.....
91911K AD 4	VALEANT PHARMACEUTICALS INTERNATIONAL IN.....	C.....	02/21/2019.....	VARIOUS.....		874,925	873,000	9,738	4FE.....
91911K AE 2	VALEANT PHARMACEUTICALS INTERNATIONAL IN.....	C.....	03/07/2019.....	VARIOUS.....		496,379	497,000	12,023	4FE.....
92343V ES 9	VERIZON COMMUNICATIONS INC.....		03/04/2019.....	VARIOUS.....		129,890	130,000	181	2FE.....
925651 AA 9	VICI PROPERTIES 1 LLC.....		01/10/2019.....	VARIOUS.....		70,342	65,000	1,286	4FE.....
92856J AA 8	VIZIENT INC.....		03/14/2019.....	VARIOUS.....		267,543	247,000	10,106	4FE.....
92857W BJ 8	VODAFONE GROUP PLC.....	C.....	03/15/2019.....	VARIOUS.....		481,744	480,000	3,887	2FE.....
929089 AB 6	VOYA FINANCIAL INC.....		02/28/2019.....	WELLS FARGO SECURITIES LLC.....		126,192	130,000	1,041	2FE.....
92940P AD 6	WRKCO INC.....		02/28/2019.....	MERRILL LYNCH PIERCE FENNER.....		52,589	50,000	619	2FE.....
94106L BA 6	WASTE MANAGEMENT INC.....		01/22/2019.....	Jefferies.....		175,809	180,000	2,234	2FE.....
96949L AD 7	WILLIAMS PARTNERS LP.....		01/18/2019.....	RBC CAPITAL MARKETS.....		114,660	120,000	475	2FE.....
983793 AD 2	XPO LOGISTICS INC.....		03/06/2019.....	Stifel Nicolaus & Co.....		71,312	70,000	1,049	3FE.....
3899999	Total - Bonds - Industrial and Miscellaneous.....					221,241,697	221,142,005	883,095	XXX.....
8399997	Total - Bonds - Part 3.....					475,680,372	475,027,005	1,321,654	XXX.....
8399999	Total - Bonds.....					475,680,372	475,027,005	1,321,654	XXX.....
9999999	Total - Bonds, Preferred and Common Stocks.....					475,680,372	XXX	1,321,654	XXX.....

QE04.4

(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 rei gn	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than- Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Admini- strative Symbol/ Market Indicator (a)
Bonds - U.S. Government																					
912828	4K 3		02/11/2019	TORONTO DOMINION SECS USA INC		2,969,090	2,970,000	2,971,107	2,970,870		(80)		(80)		2,970,791		(1,701)	(1,701)	20,801	04/30/2020	1.....
912828	4V 9		02/01/2019	BARCLAYS CAPITAL INC		609,491	600,000	584,323	584,542		133		133		584,674		24,817	24,817	8,109	08/15/2028	1.....
912828	5H 9		03/29/2019	VARIOUS		25,571,148	25,600,000	25,574,915	25,575,117		1,858		1,858		25,576,975		(5,827)	(5,827)	172,693	10/31/2020	1.....
912828	5L 0		03/04/2019	VARIOUS		1,715,593	1,700,000	1,700,890	1,700,867		(40)		(40)		1,700,826		14,767	14,767	12,898	11/15/2021	1.....
912828	5M 8		02/01/2019	VARIOUS		2,517,024	2,440,000	2,520,351	1,532,975		(414)		(414)		2,519,868		(2,844)	(2,844)	14,597	11/15/2028	1.....
912828	5N 6		01/23/2019	BARCLAYS CAPITAL INC		557,175	550,000	557,177	557,167		(59)		(59)		557,108		67	67	2,389	11/30/2025	1.....
912828	5P 1		03/04/2019	MORGAN STANLEY CO		355,345	350,000	353,036	353,015		(99)		(99)		352,917		2,429	2,429	2,626	11/30/2023	1.....
912828	5R 7		02/28/2019	THE BANK OF NEW YORK MELLON/SOC GEN BANK		2,809,620	2,800,000	2,800,727	1,697,457		(9)		(9)		2,800,754		8,866	8,866	15,346	12/15/2021	1.....
912828	5T 3		03/04/2019	VARIOUS		16,140,801	16,100,000	16,093,920			(86)		(86)		16,093,834		46,967	46,967	41,090	12/31/2025	1.....
912828	5U 0		01/31/2019	VARIOUS		1,506,132	1,500,000	1,504,045			(30)		(30)		1,504,015		2,117	2,117	2,781	12/31/2023	1.....
912828	5Y 2		03/13/2019	VARIOUS		14,994,579	15,000,000	14,997,306			39		39		14,997,345		(2,766)	(2,766)	30,776	01/31/2021	1.....
912828	5Z 9		02/19/2019	MORGAN STANLEY & CO. LLC		10,342,509	10,330,000	10,324,266			104		104		10,324,370		18,139	18,139	14,981	01/31/2024	1.....
912828	6B 1		03/15/2019	VARIOUS		1,546,425	1,550,000	1,543,284			3		3		1,543,287		3,138	3,138	2,647	02/15/2029	1.....
912828	6C 9		03/25/2019	Amherst Pierpont Securities		3,766,479	3,750,000	3,756,328			(64)		(64)		3,756,264		10,216	10,216	10,100	02/15/2022	1.....
912828	Y5 3		02/11/2019	TORONTO DOMINION SECS USA INC		5,597,369	5,600,000	5,601,554	5,601,399		(102)		(102)		5,601,297		(3,928)	(3,928)	39,383	07/31/2020	1.....
0599999	Total - Bonds - U.S. Government					90,998,780	90,840,000	90,883,231	40,573,408	0	1,153	0	1,153	0	90,884,323	0	114,456	114,456	391,218	XXX	XXX
Bonds - All Other Government																					
68323A	ES 9		01/14/2019	NATIONAL BANK OF CANADA FINANCIAL		9,648,105	9,700,000	9,687,196	9,690,877		171		171		9,691,047		(42,942)	(42,942)	105,811	02/12/2021	1FE.....
1099999	Total - Bonds - All Other Government					9,648,105	9,700,000	9,687,196	9,690,877	0	171	0	171	0	9,691,047	0	(42,942)	(42,942)	105,811	XXX	XXX
Bonds - U.S. States, Territories and Possessions																					
574193	PM 4		01/16/2019	WELLS FARGO ADVISORS LLC		6,032,800	5,000,000	6,298,800	6,117,441		(6,328)		(6,328)		6,111,113		(78,313)	(78,313)	115,972	08/01/2026	1FE.....
70914P	B6 8		01/18/2019	JEFFERIES & CO. - BONDS DIRECT		8,251,110	7,000,000	8,554,000	8,321,421		(9,522)		(9,522)		8,311,898		(60,788)	(60,788)	124,444	09/15/2026	1FE.....
1799999	Total - Bonds - U.S. States, Territories & Possessions					14,283,910	12,000,000	14,852,800	14,438,861	0	(15,850)	0	(15,850)	0	14,423,011	0	(139,101)	(139,101)	240,417	XXX	XXX
Bonds - U.S. Political Subdivisions of States																					
022447	XB 7		02/07/2019	RAYMOND JAMES & ASSOCIATES INC		2,500,438	2,180,000	2,707,516	2,552,458		(7,777)		(7,777)		2,544,681		(44,243)	(44,243)	53,289	02/15/2025	1FE.....
041042	ZE 5		03/06/2019	Loop Capital Markets		3,499,110	3,000,000	3,695,220	3,570,596		(17,225)		(17,225)		3,553,370		(54,260)	(54,260)	65,417	04/01/2025	1FE.....
181070	EL 3		01/22/2019	WELLS FARGO ADVISORS LLC		5,547,457	4,700,000	6,060,932	5,718,236		(9,516)		(9,516)		5,708,720		(161,263)	(161,263)	132,514	07/01/2025	1FE.....
220147	2P 6		01/08/2019	Loop Capital Markets		7,945,841	6,885,000	8,698,096	8,187,658		(5,425)		(5,425)		8,182,233		(236,393)	(236,393)	138,656	08/15/2024	1FE.....
235219	HS 4		02/06/2019	JP Morgan Securities Inc		1,085,455	995,000	1,232,165	1,085,446		(2,893)		(2,893)		1,082,552		2,903	2,903	23,908	02/15/2023	1FE.....
24879P	NR 9		02/15/2019	DENTON CNTY TEX FRESH WTR SUPPLY DIST NO		310,000	310,000	321,644	311,033		(1,033)		(1,033)		310,000		0	0	6,200	02/15/2019	1FE.....
44256P	DL 4		01/24/2019	Loop Capital Markets		1,379,460	1,200,000	1,467,288	1,408,902		(2,877)		(2,877)		1,406,025		(26,565)	(26,565)	27,167	02/15/2024	1FE.....
49474F	SB 7		01/09/2019	WELLS FARGO ADVISORS LLC		4,855,453	4,115,000	5,045,895	4,910,785		(3,200)		(3,200)		4,907,585		(52,132)	(52,132)	108,590	07/01/2025	1FE.....
49474F	SC 5		02/20/2019	Loop Capital Markets		4,464,346	3,700,000	4,583,856	4,477,976		(13,900)		(13,900)		4,464,076		270	270	118,708	07/01/2026	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 rei gn	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization / Accretion)	Current Year's Other-Than- Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Admini- strative Symbol/ Market Indicator (a)
521841 DG 8	LEANDER TEX INDPT SCH DIST.....		03/14/2019	Loop Capital Markets.....		2,830,064	6,175,000	2,770,476	2,855,264		11,285		11,285		2,866,550		(36,485)	(36,485)		08/15/2037	1FE.....
521841 DH 6	LEANDER TEX INDPT SCH DIST.....		03/14/2019	Loop Capital Markets.....		3,972,041	9,175,000	3,888,457	4,001,254		15,707		15,707		4,016,961		(44,920)	(44,920)		08/15/2038	1FE.....
521841 DN 3	LEANDER TEX INDPT SCH DIST.....		03/14/2019	Loop Capital Markets.....		7,362,225	22,500,000	7,201,200	7,404,765		30,210		30,210		7,434,974		(72,749)	(72,749)		08/15/2043	1FE.....
930863 6X 8	WAKE CNTY N C.....		03/04/2019	Loop Capital Markets.....		5,288,404	4,400,000	5,530,624	5,338,885		(21,665)		(21,665)		5,317,220		(28,816)	(28,816)	113,056	03/01/2026	1FE.....
938718 G7 2	WASHINGTON CNTY UTAH SCH DIST....		01/30/2019	Loop Capital Markets.....		4,684,819	3,990,000	4,845,616	4,723,743		(9,619)		(9,619)		4,714,124		(29,305)	(29,305)	83,125	03/01/2025	1FE.....
938718 G8 0	WASHINGTON CNTY UTAH SCH DIST....		03/06/2019	Loop Capital Markets.....		5,023,297	4,185,000	5,164,583	5,043,476		(20,342)		(20,342)		5,023,134		163	163	108,694	03/01/2026	1FE.....
93974D XT 0	WASHINGTON ST.....		01/31/2019	RAYMOND JAMES & ASSOCIATES INC.		6,076,554	5,145,000	6,506,316	6,218,103		(12,090)		(12,090)		6,206,013		(129,459)	(129,459)	130,769	08/01/2029	1FE.....
2499999	Total - Bonds - U.S. Political Subdivisions of States.....					66,824,964	82,655,000	69,719,883	67,808,578	0	(70,360)	0	(70,360)	0	67,738,218	0	(913,254)	(913,254)	1,110,092	XXX	XXX

Bonds - U.S. Special Revenue and Special Assessment

05921P BN 8	BALTIMORE MD CONVENTION CTR HOTEL REV		01/14/2019	PERSHING DIV OF DLJ SEC LNDING		541,260	500,000	572,485	554,490		(594)		(594)		553,896		(12,636)	(12,636)	9,375	09/01/2022	2FE.....
341507 R8 6	FLORIDA ST BRD ED LOTTERY REV.....		03/07/2019	Loop Capital Markets.....		1,479,213	1,250,000	1,521,888	1,485,894		(6,532)		(6,532)		1,479,362		(149)	(149)	43,403	07/01/2025	1FE.....
341507 S2 8	FLORIDA ST BRD ED LOTTERY REV.....		03/21/2019	JEFFERIES & CO. - BONDS DIRECT		7,202,060	5,855,000	7,377,417	7,221,767		(34,006)		(34,006)		7,187,761		14,299	14,299	214,683	07/01/2027	1FE.....
341602 F7 0	FLORIDA ST DEPT MGMT SVCS DIV FACS MGMT		01/30/2019	JEFFERIES & CO. - BONDS DIRECT		4,371,041	3,620,000	4,538,032	4,425,022		(7,224)		(7,224)		4,417,799		(46,757)	(46,757)	75,417	09/01/2028	1FE.....
345651 AF 0	FOREST GROVE ORE STUDENT HSG REV		03/01/2019	Maturity @ 100.00.....		300,000	300,000	309,858	301,132		(1,132)		(1,132)		300,000		0	0	6,000	03/01/2019	2FE.....
56045R ZN 2	MAINE MUN BD BK.....		03/05/2019	Loop Capital Markets.....		2,477,712	2,050,000	2,544,563	2,485,454		(9,224)		(9,224)		2,476,230		1,482	1,482	35,875	11/01/2026	1FE.....
649705 LV 0	NEW YORK N Y CITY INDL DEV AGY INDL DEV		02/18/2019	Call @ 100.00.....		1,000,000	1,000,000	996,250	996,464		15		15		996,479		3,521	3,521	21,882	10/01/2036	4FE.....
64987D UE 2	NEW YORK ST HSG FIN AGY REV.....		02/14/2019	Jefferies.....		1,000,000	1,000,000	1,000,000					0	1,000,000		0	0	1,904	11/01/2045	1FE.....	
88213A KA 2	TEXAS A & M UNIV REVS.....		01/24/2019	RAYMOND JAMES & ASSOCIATES INC.		13,667,920	14,000,000	14,000,000	14,000,000				0	14,000,000		(332,080)	(332,080)	66,686	05/15/2023	1FE.....	
927781 8E 7	VIRGINIA COLLEGE BLDG AUTH VA EDL FACS R		01/24/2019	VARIOUS.....		8,333,120	7,000,000	8,766,590	8,472,937		(14,103)		(14,103)		8,458,834		(125,714)	(125,714)	171,806	02/01/2026	1FE.....
92778W EW 2	VIRGINIA COLLEGE BUILDING AUTHORITY		01/28/2019	JEFFERIES & CO. - BONDS DIRECT		6,901,992	5,675,000	7,134,553	6,987,076		(11,064)		(11,064)		6,976,013		(74,021)	(74,021)	117,441	09/01/2027	1FE.....
3199999	Total - Bonds - U.S. Special Revenue and Special Assessments.....					47,274,318	42,250,000	48,761,635	46,930,237	0	(83,864)	0	(83,864)	0	47,846,373	0	(572,055)	(572,055)	764,471	XXX	XXX

Bonds - Industrial and Miscellaneous

00165A AF 5	AMC ENTERTAINMENT INC.....		03/11/2019	DEUTSCHE BANK SECURITIES, INC.		507,500	500,000	509,785	485,000	22,877	(1,054)		21,823		506,823		677	677	16,972	02/15/2022	4FE.....
00287Y AT 6	ABBVIE INC.....		02/20/2019	R. SEELAUS & COMPANY.....		994,150	1,000,000	997,380	998,414		164		164		998,578		(4,428)	(4,428)	6,806	05/14/2020	2FE.....
00287Y BF 5	ABBVIE INC.....		03/18/2019	JP MORGAN SECURITIES LLC....		521,134	520,000	515,931	431,383		79		79		516,113		5,021	5,021	11,173	11/14/2028	2FE.....
00404A AJ 8	ACADIA HEALTHCARE COMPANY INC....		03/08/2019	VARIOUS.....		248,875	250,000	251,668	236,875	14,653	(46)		14,607		251,482		(2,607)	(2,607)	7,330	02/15/2023	4FE.....
00774M AB 1	AERCAP IRELAND CAPITAL DAC.....	C	01/07/2019	MORGAN STANLEY CO.....		168,055	195,000	186,181	186,837		17		17		186,854		(18,799)	(18,799)	3,322	07/21/2027	2FE.....
00912X AM 6	AIR LEASE CORP.....		01/09/2019	DEUTSCHE BANK SECURITIES, INC.		1,678,488	1,680,000	1,759,514	1,730,916		(630)		(630)		1,730,286		(51,798)	(51,798)	18,083	04/01/2021	2FE.....
02209S BA 0	ALTRIA GROUP INC.....		02/14/2019	MERRILL LYNCH PIERCE FENNER SMITH INC		5,019,300	5,000,000	4,999,700			1		1		4,999,701		19,599	19,599	2,424	02/14/2022	2FE.....
02376A AA 7	AMERICAN AIRLINES INC - ABS.....		03/11/2019	BARCLAYS CAPITAL INC.....		2,810,616	2,918,817	2,955,302	2,952,329		(508)		(508)		2,951,821		(141,205)	(141,205)	40,199	04/15/2031	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 and Administrative Symbol/Market Indicator (a)
02587A	AJ 3 AMXCA 171 A - ABS.....		01/24/2019.	LLOYDS SECURITIES INC.....		12,870,508	13,000,000	13,019,890	13,009,512		(606)		(606)		13,008,906		(138,398)	(138,398)	29,969	09/15/2022.	1FE.....
032654	AR 6 ANALOG DEVICES INC.....		03/06/2019.	WELLS FARGO ADVISORS LLC...		4,985,300	5,000,000	4,978,600	4,984,390		1,363		1,363		4,985,754		(454)	(454)	96,694	01/12/2021.	2FE.....
035242	AL 0 ANHEUSER-BUSCH INBEV FINANCE INC	C	02/01/2019.	Not Available.....		3,950,520	4,000,000	4,038,640	4,031,752		(849)		(849)		4,030,903		(80,383)	(80,383)	69,667	02/01/2023.	2FE.....
03524B	AE 6 ANHEUSER-BUSCH INBEV FINANCE INC	C	02/01/2019.	Not Available.....		2,589,808	2,600,000	2,637,986	2,633,820		(681)		(681)		2,633,139		(43,331)	(43,331)	50,772	02/01/2024.	2FE.....
037833	BS 8 APPLE INC.....		02/22/2019.	US BANCORP.....		2,975,370	3,000,000	2,960,460	2,970,155		2,055		2,055		2,972,211		3,159	3,159	34,313	02/23/2021.	1FE.....
05369A	AD 3 AVIATION CAPITAL GROUP LLC.....		01/11/2019.	BARCLAYS CAPITAL INC.....		242,310	250,000	246,593	246,768		16		16		246,784		(4,474)	(4,474)	4,698	08/01/2025.	1FE.....
05565E	AP 0 BMW US CAPITAL LLC.....	C	03/19/2019.	Cantor Fitzgerald.....		4,102,912	4,135,000	4,102,044	4,115,477		3,310		3,310		4,118,787		(15,875)	(15,875)	40,747	04/06/2020.	1FE.....
05964H	AG 0 BANCO SANTANDER SA.....	C	01/09/2019.	CREDIT AGRICOLE.....		194,390	200,000	200,000	200,000		0		0		200,000		(5,610)	(5,610)	1,903	04/12/2023.	1FE.....
075896	AA 8 BED BATH & BEYOND INC.....		02/22/2019.	GOLDMAN SACHS & CO, NY.....		466,075	515,000	514,995	423,454	91,563	0		91,564		515,017		(48,942)	(48,942)	10,994	08/01/2024.	3FE.....
097751	AV 3 BOMBARDIER INC.....	C	03/05/2019.	VARIOUS.....		523,640	500,000	530,150	507,500	14,621	(3,127)		11,494		518,994		4,646	4,646	18,299	03/15/2020.	4FE.....
097751	BJ 9 BOMBARDIER INC.....	C	02/21/2019.	UBS SECURITIES LLC.....		267,975	270,000	272,430	253,125	19,093	(80)		19,014		272,139		(4,164)	(4,164)	5,850	10/15/2022.	4FE.....
126408	HM 8 CSX CORP.....		03/19/2019.	MERRILL LYNCH PIERCE FENNER & SMITH INC.....		72,881	70,000	72,033			(11)		(11)		72,022		858	858	1,041	03/15/2029.	2FE.....
126650	CF 5 CVS CAREMARK CORP.....		03/18/2019.	BARCLAYS CAPITAL INC.....		123,064	125,000	125,406	125,352		(13)		(13)		125,340		(2,276)	(2,276)	2,555	08/12/2024.	2FE.....
134429	BE 8 CAMPBELL SOUP CO.....		03/06/2019.	RBC CAPITAL MARKETS.....		4,988,500	5,000,000	4,992,550	4,993,645		255		255		4,993,899		(5,399)	(5,399)	87,701	03/15/2023.	2FE.....
14913Q	2J 7 CATERPILLAR FINANCIAL SERVICES CORP		02/08/2019.	Stifel Nicolaus & Co.....		3,006,450	3,000,000	2,999,430	2,999,604		33		33		2,999,637		6,813	6,813	21,388	05/15/2020.	1FE.....
166764	AR 1 CHEVRON CORP.....		01/31/2019.	mitsubishi ufj securities (USA), INC.....		4,965,750	5,000,000	4,935,350	4,962,413		2,971		2,971		4,965,384		366	366	41,127	03/03/2020.	1FE.....
17275R	AE 2 CISCO SYSTEMS INC.....		02/15/2019.	Maturity @ 100.00.....		1,000,000	1,000,000	1,148,990	1,002,865		(2,865)		(2,865)		1,000,000		0	0	24,750	02/15/2019.	1FE.....
172967	HT 1 CITIGROUP INC.....		03/07/2019.	Citigroup (SSB).....		194,102	190,000	192,299	192,029		(64)		(64)		191,965		2,137	2,137	1,682	06/16/2024.	1FE.....
172967	KA 8 CITIGROUP INC.....		03/07/2019.	mitsubishi ufj securities.....		344,022	340,000	358,955	356,926		(312)		(312)		356,614		(12,592)	(12,592)	6,809	09/29/2027.	2FE.....
172967	KB 6 CITIGROUP INC.....		03/19/2019.	DEUTSCHE BANK SECURITIES, INC.....		3,485,475	3,500,000	3,514,420	3,509,268		(1,085)		(1,085)		3,508,183		(22,708)	(22,708)	37,358	10/26/2020.	1FE.....
172967	KN 0 CITIGROUP INC.....		03/07/2019.	US BANCORP INVESTMENTS INC.....		78,425	80,000	76,399			57		57		76,457		1,968	1,968	982	05/01/2026.	1FE.....
172967	LP 4 CITIGROUP INC.....		03/07/2019.	VARIOUS.....		485,560	495,000	498,594	498,214		(59)		(59)		498,155		(12,595)	(12,595)	11,349	07/24/2028.	1FE.....
172967	LZ 2 CITIGROUP INC.....		02/28/2019.	JP MORGAN SECURITIES LLC.....		863,911	845,000	845,000	845,000		0		0		845,000		18,911	18,911	8,828	06/01/2024.	1FE.....
17305E	GL 3 CCCIT 18A2 A2 - ABS.....		03/26/2019.	WELLS FARGO ADVISORS LLC...		14,961,328	15,000,000	15,000,000	15,000,000		0		0		15,000,000		(38,672)	(38,672)	115,001	01/21/2025.	1FE.....
20030N	CW 9 COMCAST CORP.....		01/17/2019.	RBC CAPITAL MARKETS.....		3,983,240	4,000,000	4,000,000	4,000,000		0		0		4,000,000		(16,760)	(16,760)	35,403	10/01/2021.	1FE.....
225433	AC 5 CREDIT SUISSSE GROUP FUNDING (GUERNSEY) L	C	01/02/2019.	PERSHING DIV OF DLJ SEC LNDING		451,891	475,000	461,434	462,196		15		15		462,211		(10,319)	(10,319)	4,849	03/26/2025.	2FE.....
233851	CY 8 DAIMLER FINANCE NORTH AMERICA LLC	C	02/19/2019.	DEUTSCHE BANK SECURITIES, INC.....		1,975,540	2,000,000	1,980,320	1,988,216		1,219		1,219		1,989,434		(13,894)	(13,894)	12,956	05/05/2020.	1FE.....
237266	AG 6 DARLING INTERNATIONAL INC.....		03/29/2019.	Not Available.....		751,285	740,000	752,613	734,450	15,721	(2,348)		13,374		747,824		3,461	3,461	28,505	01/15/2022.	3FE.....
25272K	AK 9 DIAMOND 1 FINANCE CORP.....		03/06/2019.	VARIOUS.....		602,597	595,000	631,709	629,903		(100)		(100)		629,803		(27,207)	(27,207)	2,467	06/15/2026.	2FE.....
25466A	AG 6 DISCOVER BANK.....		01/31/2019.	MERRILL LYNCH PIERCE FENNER & SMITH INC.....		858,865	860,000	867,155	864,281		(268)		(268)		864,014		(5,149)	(5,149)	4,221	06/04/2020.	2FE.....
25470D	AR 0 DISCOVERY COMMUNICATIONS LLC.....		02/05/2019.	JP MORGAN SECURITIES LLC.....		447,423	470,000	466,757	467,083		26		26		467,109		(19,686)	(19,686)	6,996	03/20/2028.	2FE.....
25470X	AE 5 DISH DBS CORP.....		01/07/2019.	FENNER.....		110,688	110,000	111,375	108,867	2,313	(10)		2,303		111,170		(482)	(482)	784	06/01/2021.	4FE.....
25470X	AJ 4 DISH DBS CORP.....		03/06/2019.	VARIOUS.....		171,252	180,000	169,488	165,600	4,908	358		5,265		170,865		387	387	6,466	07/15/2022.	4FE.....

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 rei gn	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than- Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Admini- strative Symbol/ Market Indicator (a)
26441Y BA 4	DUKE REALTY LP.....		03/19/2019.	GOLDMAN.....		43,416	45,000	44,932	44,938		1		1		44,939		(1,523)	(1,523)	405	12/15/2027.	2FE.....
26441Y BB 2	DUKE REALTY LP.....		03/19/2019.	MORGAN STANLEY CO.....		65,890	65,000	64,302	64,320		13		13		64,332		1,558	1,558	1,372	09/15/2028.	2FE.....
26817R AN 8	DYNEGY FINANCE I INC.....		02/01/2019.	Not Available.....		1,704,162	1,690,000	1,765,988	1,744,925	3,171	(3,165)		5		1,744,930		(40,768)	(40,768)	83,590	11/01/2022.	3FE.....
292505 AJ 3	ENCANA CORP.....	C	03/12/2019.	MIZUHO SECURITIES USA/FIXED INCOME.....		613,543	605,000	622,956	617,356		(903)		(903)		616,453		(2,910)	(2,910)	7,799	11/15/2021.	2FE.....
29273V AD 2	ENERGY TRANSFER EQUITY LP.....		02/22/2019.	JP MORGAN SECURITIES LLC.....		9,641	9,000	9,473			(7)		(7)		9,466		176	176	60	01/15/2024.	3FE.....
30161N AH 4	EXELON CORP.....		03/19/2019.	VARIOUS.....		3,500,259	3,510,000	3,499,540	3,503,359		829		829		3,504,188		(3,929)	(3,929)	23,034	06/15/2020.	2FE.....
345397 ZC 0	FORD MOTOR CREDIT COMPANY LLC.....		01/31/2019.	VARIOUS.....		1,314,286	1,420,000	1,428,594	1,427,713		(139)		(139)		1,427,574		(113,288)	(113,288)	11,271	02/15/2023.	2FE.....
37045X BX 3	GENERAL MOTORS FINANCIAL COMPANY INC.....		01/10/2019.	PERSHING DIV OF DLJ SEC LNDING.....		196,917	205,000	208,487	208,073		(31)		(31)		208,042		(11,125)	(11,125)	351	06/30/2022.	2FE.....
37045X CG 9	GENERAL MOTORS FINANCIAL COMPANY INC.....		01/02/2019.	SG AMERICAS SECURITIES, LLC.....		264,126	300,000	299,310	299,367		0		0		299,368		(35,242)	(35,242)	5,743	01/05/2028.	2FE.....
378272 AT 5	GLENCORE FUNDING LLC.....	C	03/15/2019.	VARIOUS.....		6,014,130	6,000,000	5,971,620			63		63		5,971,683		42,447	42,447	3,094	03/12/2024.	2FE.....
397624 AG 2	GREIF INC.....		03/29/2019.	Call @ 101.56.....		507,808	500,000	522,025	508,750	4,227	(5,474)		(1,247)		507,503		305	305	19,375	08/01/2019.	3FE.....
42809H AG 2	HESS CORP.....		01/03/2019.	RBC CAPITAL MARKETS.....		229,281	250,000	253,510	228,965	24,240	(5)		24,235		253,200		(23,918)	(23,918)	2,846	04/01/2027.	3FE.....
437076 BG 6	HOME DEPOT INC.....		03/27/2019.	Credit Suisse Securities (USA), LLC.....		1,008,050	1,000,000	998,790	999,388		41		41		999,429		8,621	8,621	8,604	06/01/2022.	1FE.....
44701Q AZ 5	HUNTSMAN INTERNATIONAL LLC.....		03/27/2019.	Call @ 103.28.....		490,568	475,000	483,313	476,188	5,496	(939)		4,557		480,744		9,824	9,824	8,491	11/15/2020.	2FE.....
44932H AG 8	IBM CREDIT LLC.....		03/12/2019.	GOLDMAN SACHS & CO, NY.....		996,680	1,000,000	999,510	999,653		32		32		999,685		(3,005)	(3,005)	16,121	02/05/2021.	1FE.....
44932H AK 9	IBM CREDIT LLC.....		02/26/2019.	IBMCREDIT LLC (USA), INC.....		5,048,800	5,000,000	4,996,050	4,996,220		308		308		4,996,528		52,272	52,272	42,167	11/30/2020.	1FE.....
45672N AF 8	INFOR (US) INC.....		02/15/2019.	Call @ 101.44.....		710,066	700,000	711,313	702,100	4,301	(1,236)		3,065		705,165		4,901	4,901	20,125	08/15/2020.	4FE.....
460690 BP 4	INTERPUBLIC GROUP OF COMPANIES INC.....		01/10/2019.	PERSHING DIV OF DLJ SEC LNDING.....		205,483	210,000	209,564	209,575		1		1		209,577		(4,094)	(4,094)	3,065	10/01/2028.	2FE.....
46647P AT 3	JPMORGAN CHASE & CO.....		01/17/2019.	WELLS FARGO ADVISORS LLC.....		4,959,350	5,000,000	5,000,000	5,000,000				0		5,000,000		(40,650)	(40,650)	16,580	06/18/2022.	1FE.....
48125L RN 4	JPMORGAN CHASE BANK NA.....		03/15/2019.	JP Morgan Securities Inc.....		5,006,600	5,000,000	5,000,000	5,000,000				0		5,000,000		6,600	6,600	61,291	04/26/2021.	1FE.....
50077L AD 8	KRAFT HEINZ FOODS CO.....		03/01/2019.	IBMCREDIT LLC (USA), INC.....		166,025	180,000	171,598	172,441		155		155		172,596		(6,571)	(6,571)	1,410	06/01/2026.	2FE.....
59022C AB 9	BANK OF AMERICA CORP.....		01/29/2019.	FENNER.....		314,569	285,000	336,571	330,659		(423)		(423)		330,236		(15,667)	(15,667)	6,697	09/15/2026.	2FE.....
61747Y DW 2	MORGAN STANLEY.....		02/14/2019.	VARIOUS.....		6,975,255	7,000,000	7,001,750	7,000,972		(111)		(111)		7,000,862		(25,607)	(25,607)	102,077	01/27/2020.	1FE.....
62947Q AX 6	NXP BV.....	C	01/31/2019.	GOLDMAN.....		211,274	200,000	199,994	199,989		(7)		(7)		199,982		11,292	11,292	1,724	03/01/2026.	2FE.....
64072T AE 5	CSC HOLDINGS LLC.....	C	02/19/2019.	Call @ 107.59.....		1,075,940	1,000,000	1,105,000	1,075,760	2,403	(4,215)		(1,812)		1,073,948		1,992	1,992	58,500	01/15/2023.	4FE.....
641062 AJ 3	NESTLE HOLDINGS INC.....	C	02/15/2019.	TD SECURITIES (USA) LLC.....		1,512,900	1,500,000	1,499,445	1,499,494		25		25		1,499,518		13,382	13,382	18,858	09/24/2021.	1FE.....
67020Y AD 2	NUANCE COMMUNICATIONS INC (NEW)		03/04/2019.	Call @ 100.00.....		500,000	500,000	501,875	499,375	625			625		500,000		0	0	14,781	08/15/2020.	3FE.....
68389X AP 0	ORACLE CORP.....		03/13/2019.	DEUTSCHE BANK SECURITIES, INC.....		989,760	1,000,000	955,690	978,679		1,066		1,066		979,745		10,015	10,015	10,417	10/15/2022.	1FE.....
68389X BB 0	ORACLE CORP.....		02/01/2019.	CITIGROUP GLOBAL MARKETS INC.....		986,480	1,000,000	996,480	998,245		48		48		998,293		(11,813)	(11,813)	5,556	05/15/2022.	1FE.....
694308 HP 5	PACIFIC GAS AND ELECTRIC CO.....		02/01/2019.	MORGAN STANLEY CO.....		204,775	255,000	231,517	232,761		85		85		232,846		(28,071)	(28,071)	2,751	03/01/2026.	2FE.....
713448 BY 3	PEPSICO INC.....		02/28/2019.	Amherst Pierpont Securities.....		1,000,600	1,000,000	996,250	997,044		152		152		997,196		3,404	3,404	13,674	03/05/2022.	1FE.....
713448 CX 4	PEPSICO INC.....		02/27/2019.	GOLDMAN SACHS & CO, NY.....		2,022,120	2,000,000	1,999,620	1,999,808		8		8		1,999,817		22,303	22,303	38,578	07/17/2022.	1FE.....
713448 DY 1	PEPSICO INC.....		03/27/2019.	DEUTSCHE BANK SECURITIES, INC.....		1,996,400	2,000,000	1,994,340	1,994,952		120		120		1,995,072		1,328	1,328	27,333	10/15/2027.	1FE.....
717081 EN 9	PFIZER INC.....		03/04/2019.	DEUTSCHE BANK SECURITIES, INC.....		6,075,060	6,000,000	5,987,820	5,988,562		409		409		5,988,971		86,089	86,089	95,467	09/15/2023.	1FE.....

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	For rei gn	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than- Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Admini- strative Symbol/ Market Indicator (a)
718172 BW 8	PHILIP MORRIS INTERNATIONAL INC.....		02/21/2019.	Maturity @ 100.00.....		8,000,000	8,000,000	7,999,800	7,999,085			915	915		8,000,000		0	0	65,000	02/21/2019.	1FE.....
718172 CD 9	PHILIP MORRIS INTERNATIONAL INC.....		03/07/2019.	DEUTSCHE BANK SECURITIES, INC.....		8,859,150	9,000,000	8,961,390	8,969,958		1,424		1,424		8,971,382		(112,232)	(112,232)	80,625	11/02/2022.	1FE.....
75915Q AC 2	REGIONALCARE HOSPITAL PARTNERS HOLDINGS		02/08/2019.	JP MORGAN SECURITIES LLC.....		174,900	165,000	175,774	166,650	8,814	(89)		8,725		175,375		(475)	(475)	3,819	05/01/2023.	4FE.....
7591EP AP 5	REGIONS FINANCIAL CORP.....		03/15/2019.	GOLDMAN.....		112,549	110,000	109,948			3		3		109,951		2,597	2,597	2,508	08/14/2023.	2FE.....
780099 CH 8	ROYAL BANK OF SCOTLAND GROUP PLC	C	01/02/2019.	MITSUBISHI UFJ SECURITIES.....		252,439	260,000	264,955	264,663		(6)		(6)		264,656		(12,217)	(12,217)	1,333	05/28/2024.	2FE.....
80281L AH 8	SANTANDER UK GROUP HOLDINGS PLC	C	03/07/2019.	PERSHING DIV OF DLJ SEC LNDING		359,566	370,000	370,000	370,000				0		370,000		(10,434)	(10,434)	8,528	01/05/2024.	2FE.....
83404R AA 6	SOFI 18B A1F - ABS.....		03/25/2019.	Paydown.....		953,288	953,288	951,288	951,255		2,033		2,033		953,288		(0)	(0)	2,240	08/25/2047.	1FE.....
84762L AQ 8	SPECTRUM BRANDS ESCROW CORP...		03/01/2019.	Call @ 102.21.....		337,287	330,000	340,725	334,125	2,696	(785)		1,911		336,036		1,251	1,251		11/15/2022.	4FE.....
85172F AP 4	SPRINGLEAF FINANCE CORP.....		02/22/2019.	BARCLAYS CAPITAL INC.....		77,866	77,000	77,000					0		77,000		866	866	52	03/15/2024.	3FE.....
855244 AN 9	STARBUCKS CORP.....		03/04/2019.	Stifel Nicolaus & Co.....		500,390	500,000	499,840	499,938		2		2		499,940		450	450	7,965	03/01/2023.	2FE.....
86614R AK 3	SUMMIT MATERIALS LLC.....		03/14/2019.	VARIOUS.....		366,401	350,000	377,055	365,750	3,974	(3,404)		570		366,320		(16,320)	(16,320)	28,797	04/15/2022.	4FE.....
88033G AC 3	TENET HEALTHCARE CORP.....		02/22/2019.	Call @ 103.75.....		357,938	345,000	359,225	350,175	7,763	(917)		6,846		357,021		917	917	16,603	01/01/2022.	4FE.....
891906 CP 3	TOTAL SYSTEM SERVICES INC.....		01/18/2019.	MORGAN STANLEY CO.....		195,922	195,000	214,991	212,274		(132)		(132)		212,141		(16,219)	(16,219)	2,912	04/01/2026.	2FE.....
89236T FM 2	TOYOTA MOTOR CREDIT CORP.....	C	02/25/2019.	WELLS FARGO ADVISORS LLC...		5,000,114	5,000,000	5,000,000	5,000,000				0		5,000,000		114	114	29,294	09/18/2020.	1FE.....
893647 AR 8	TRANSDIGM INC.....		03/15/2019.	Call @ 100.00.....		700,000	700,000	703,500	694,750	5,250			5,250		700,000		0	0	16,042	10/15/2020.	4FE.....
90331H NP 4	US BANK NA.....		01/18/2019.	US BANCORP.....		1,500,975	1,500,000	1,499,910	1,499,930		2		2		1,499,932		1,043	1,043	11,419	04/26/2021.	1FE.....
904678 AJ 8	UNICREDIT SPA.....	C	01/15/2019.	BNP Paribas.....		352,965	350,000	350,000					0		350,000		2,965	2,965	128	01/14/2022.	2FE.....
907818 FB 9	UNION PACIFIC CORP.....		03/15/2019.	MERRILL LYNCH PIERCE FENNER & SMITH INC.		131,024	130,000	129,944			1		1		129,945		1,080	1,080	401	03/01/2029.	2FE.....
90931C AA 6	UAL 191 AA - ABS.....		03/13/2019.	VARIOUS.....		7,581,475	7,500,000	7,507,425			20		20		7,507,445		74,030	74,030	28,819	02/25/2033.	1FE.....
90931L AA 6	UNITED AIRLINES INC - ABS.....		01/07/2019.	Paydown.....		92,340	92,340	92,340	92,340				0		92,340		0	0		01/07/2030.	1FE.....
90932Q AA 4	UNITED AIRLINES INC - ABS.....		03/03/2019.	Paydown.....		195,289	195,289	192,692			2,597		2,597		195,289		0	0		03/03/2028.	1FE.....
90933H AA 3	UNITED AIRLINES CLASS B PASS THROUGH CER		01/07/2019.	Paydown.....		15,631	15,631	15,631	15,631				0		15,631		0	0		07/07/2027.	2FE.....
913017 CY 3	UNITED TECHNOLOGIES CORP.....		02/01/2019.	Citigroup (SSB).....		286,848	290,000	289,896	289,884		0		0		289,884		(3,037)	(3,037)	1,728	11/16/2028.	2FE.....
91359P AJ 9	UNIVERSAL HOSPITAL SERVICES INC...		02/04/2019.	Call @ 100.00.....		750,000	750,000	753,750	744,375	5,625			5,625		750,000		0	0	26,846	08/15/2020.	4FE.....
91911K AD 4	VALEANT PHARMACEUTICALS INTERNATIONAL IN	C	02/28/2019.	VARIOUS.....		874,386	873,000	874,925			(1,925)		(1,925)		873,000		1,386	1,386	11,918	12/01/2021.	4FE.....
91911T AM 5	VALE OVERSEAS LTD.....	C	03/01/2019.	FENNER.....		124,186	124,000	129,115	127,944		(217)		(217)		127,728		(3,542)	(3,542)	3,526	01/11/2022.	2FE.....
92343V CR 3	VERIZON COMMUNICATIONS INC.....		03/15/2019.	FENNER.....		254,193	250,000	255,022	254,179		(146)		(146)		254,033		159	159	3,354	11/01/2024.	2FE.....
92343V ER 1	VERIZON COMMUNICATIONS INC.....		03/19/2019.	PERSHING DIV OF DLJ SEC LNDING		83,751	80,000	79,711	79,729		14		14		79,743		4,008	4,008		09/21/2028.	2FE.....
92343V ES 9	VERIZON COMMUNICATIONS INC.....		03/19/2019.	MORGAN STANLEY CO.....		70,894	70,000	69,868			1		1		69,869		1,025	1,025	324	02/08/2029.	2FE.....
98877D AC 9	ZF NORTH AMERICA CAPITAL INC.....	C	03/07/2019.	VARIOUS.....		741,095	775,000	792,165	791,268		(291)		(291)		790,977		(49,882)	(49,882)	11,166	04/29/2025.	2FE.....
989194 AM 7	ZAYO GROUP LLC.....		01/23/2019.	Unknown.....		201,000	200,000	204,500	189,250	14,889	(57)		14,832		204,082		(3,082)	(3,082)	3,800	04/01/2023.	4FE.....
3899999	Total - Bonds - Industrial and Miscellaneous.....					185,463,249	186,063,365	186,578,135	165,566,404	279,222	(17,029)	0	262,193	0	186,354,275	0	(907,427)	(907,427)	2,035,783	XXX	XXX

QE05.4

SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	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 and Administrative Symbol/Market Indicator (a)
8399997.	Total - Bonds - Part 4.....					414,493,326	423,508,365	420,482,880	345,008,365	279,222	(185,779)	0	93,442	0	416,937,247	0	(2,460,323)	(2,460,323)	4,647,791	XXX	XXX
8399999.	Total - Bonds.....					414,493,326	423,508,365	420,482,880	345,008,365	279,222	(185,779)	0	93,442	0	416,937,247	0	(2,460,323)	(2,460,323)	4,647,791	XXX	XXX
9999999.	Total - Bonds, Preferred and Common Stocks.....					414,493,326	XXX	420,482,880	345,008,365	279,222	(185,779)	0	93,442	0	416,937,247	0	(2,460,323)	(2,460,323)	4,647,791	XXX	XXX

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

QE05.5

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

Statement for March 31, 2019 of the **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.....					11,288,322	8,291,924	6,495,426	XXX
0199999. Total Open Depositories.....	XXX	XXX	0	0	11,288,322	8,291,924	6,495,426	XXX
0399999. Total Cash on Deposit.....	XXX	XXX	0	0	11,288,322	8,291,924	6,495,426	XXX
0599999. Total Cash.....	XXX	XXX	0	0	11,288,322	8,291,924	6,495,426	XXX

SCHEDULE E - PART 2 - CASH EQUIVALENTS

Show Investments Owned End of Current Quarter

1	2		3	4	5	6	7	8	9
CUSIP	Description		Code	Date Acquired	Rate of Interest	Maturity Date	Book/Adjusted Carrying Value	Amount of Interest Due & Accrued	Amount Received During Year
Exempt Money Market Mutual Funds as Identified by the SVO									
31846V 41 9	FIRST AMER:TRS OBG V.....		SD.....	03/04/2019.....	2.180			0	
94975H 29 6	WELLS FRGO TREASURY PLUS CL I MMF.....		SD.....	12/04/2018.....	2.290		.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.....			03/29/2019.....	2.310		58,793,587	115,963	3,205
31846V 10 4	FIRST AMER:INS PRM OBL Y.....		SD.....	12/04/2018.....	2.160		.0		
8699999	Total - All Other Money Market Mutual Funds.....						58,793,587	115,963	3,205
8899999	Total - Cash Equivalents.....						58,793,587	115,963	3,205

QE13