



# QUARTERLY STATEMENT

As of September 30, 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. Theresa Marie Cameron #	Vice President & 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
Tracie Renee Cranford #	Senior Vice President & Treasurer		

### DIRECTORS OR TRUSTEES

Robert Michael Schmeiser #	Dennis Robert Brand	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) Theresa Marie Cameron 2. (Printed Name) Vice President & Secretary (Title)	_____ (Signature) Thomas Harrison Jeter 3. (Printed Name) Executive Vice President & Chief Financial Officer (Title)
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Subscribed and sworn to before me  
This \_\_\_\_\_ day of \_\_\_\_\_

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

**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.....	1,764,708,614	0	1,764,708,614	1,770,735,983
2. Stocks:				
2.1 Preferred stocks.....	1,689,338	0	1,689,338	0
2.2 Common stocks.....	37,518,495	37,518,495	0	0
3. Mortgage loans on real estate:				
3.1 First liens.....	0	0	0	0
3.2 Other than first liens.....	0	0	0	0
4. Real estate:				
4.1 Properties occupied by the company (less \$.....0 encumbrances).....	0	0	0	0
4.2 Properties held for the production of income (less \$.....0 encumbrances).....	0	0	0	0
4.3 Properties held for sale (less \$.....0 encumbrances).....	0	0	0	0
5. Cash (\$.....10,522,031), cash equivalents (\$.....5,174,504) and short-term investments (\$.....1,363,558).....	17,060,093	0	17,060,093	52,951,065
6. Contract loans (including \$.....0 premium notes).....	0	0	0	0
7. Derivatives.....	0	0	0	0
8. Other invested assets.....	0	0	0	0
9. Receivables for securities.....	1,277,597	0	1,277,597	0
10. Securities lending reinvested collateral assets.....	0	0	0	0
11. Aggregate write-ins for invested assets.....	0	0	0	0
12. Subtotals, cash and invested assets (Lines 1 to 11).....	1,822,254,137	37,518,495	1,784,735,642	1,823,687,048
13. Title plants less \$.....0 charged off (for Title insurers only).....	0	0	0	0
14. Investment income due and accrued.....	13,150,065	0	13,150,065	14,262,728
15. Premiums and considerations:				
15.1 Uncollected premiums and agents' balances in the course of collection.....	113,019,895	0	113,019,895	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	0	0	0
15.3 Accrued retrospective premiums (\$.....0) and contracts subject to redetermination (\$.....0).....	0	0	0	0
16. Reinsurance:				
16.1 Amounts recoverable from reinsurers.....	3,054,868	0	3,054,868	3,212,087
16.2 Funds held by or deposited with reinsured companies.....	0	0	0	0
16.3 Other amounts receivable under reinsurance contracts.....	0	0	0	0
17. Amounts receivable relating to uninsured plans.....	0	0	0	0
18.1 Current federal and foreign income tax recoverable and interest thereon.....	0	0	0	4,559,187
18.2 Net deferred tax asset.....	210,011,845	188,619,165	21,392,680	40,284,661
19. Guaranty funds receivable or on deposit.....	0	0	0	0
20. Electronic data processing equipment and software.....	0	0	0	0
21. Furniture and equipment, including health care delivery assets (\$.....0).....	0	0	0	0
22. Net adjustment in assets and liabilities due to foreign exchange rates.....	0	0	0	0
23. Receivables from parent, subsidiaries and affiliates.....	4,995,995	0	4,995,995	218,666
24. Health care (\$.....0) and other amounts receivable.....	0	0	0	0
25. Aggregate write-ins for other than invested assets.....	1,672,563	1,672,343	220	12,754
26. Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 through 25).....	2,168,159,368	227,810,003	1,940,349,365	1,997,502,077
27. From Separate Accounts, Segregated Accounts and Protected Cell Accounts.....	0	0	0	0
28. Total (Lines 26 and 27).....	2,168,159,368	227,810,003	1,940,349,365	1,997,502,077

**DETAILS OF WRITE-INS**

1101.....	0	0	0	0
1102.....	0	0	0	0
1103.....	0	0	0	0
1198. Summary of remaining write-ins for Line 11 from overflow page.....	0	0	0	0
1199. Totals (Lines 1101 thru 1103 plus 1198) (Line 11 above).....	0	0	0	0
2501. Other receivables.....	220	0	220	12,754
2502. Licenses purchased.....	1,672,343	1,672,343	0	0
2503.....	0	0	0	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).....	1,672,563	1,672,343	220	12,754

# ARCH MORTGAGE INSURANCE COMPANY

## LIABILITIES, SURPLUS AND OTHER FUNDS

	1 Current Statement Date	2 December 31 Prior Year
1. Losses (current accident year \$.....34,288,598).....	122,179,677	158,506,373
2. Reinsurance payable on paid losses and loss adjustment expenses.....	12,242,503	19,881,288
3. Loss adjustment expenses.....	5,089,175	5,496,558
4. Commissions payable, contingent commissions and other similar charges.....	0	0
5. Other expenses (excluding taxes, licenses and fees).....	904,401	907,362
6. Taxes, licenses and fees (excluding federal and foreign income taxes).....	4,181,359	5,741,816
7.1 Current federal and foreign income taxes (including \$.....1,152,580 on realized capital gains (losses)).....	5,933,528	0
7.2 Net deferred tax liability.....	0	0
8. Borrowed money \$.....0 and interest thereon \$.....0.....	0	0
9. Unearned premiums (after deducting unearned premiums for ceded reinsurance of \$.....159,010,274 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).....	132,372,652	165,184,342
10. Advance premium.....	181,634	114,795
11. Dividends declared and unpaid:		
11.1 Stockholders.....	0	0
11.2 Policyholders.....	0	0
12. Ceded reinsurance premiums payable (net of ceding commissions).....	148,865,508	125,869,250
13. Funds held by company under reinsurance treaties.....	64,160,382	67,108,434
14. Amounts withheld or retained by company for account of others.....	0	0
15. Remittances and items not allocated.....	1,685,909	652,203
16. Provision for reinsurance (including \$.....0 certified).....	0	0
17. Net adjustments in assets and liabilities due to foreign exchange rates.....	0	0
18. Drafts outstanding.....	0	0
19. Payable to parent, subsidiaries and affiliates.....	26,358,348	24,328,267
20. Derivatives.....	0	0
21. Payable for securities.....	0	0
22. Payable for securities lending.....	0	0
23. Liability for amounts held under uninsured plans.....	0	0
24. Capital notes \$.....0 and interest thereon \$.....0.....	0	0
25. Aggregate write-ins for liabilities.....	1,252,183,751	1,114,862,326
26. Total liabilities excluding protected cell liabilities (Lines 1 through 25).....	1,776,338,827	1,688,653,014
27. Protected cell liabilities.....	0	0
28. Total liabilities (Lines 26 and 27).....	1,776,338,827	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.....	0	0
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.....	25,921,704	246,270,163
35. Unassigned funds (surplus).....	85,838,834	10,328,900
36. Less treasury stock, at cost:		
36.1 .....0.000 shares common (value included in Line 30 \$.....0).....	0	0
36.2 .....0.000 shares preferred (value included in Line 31 \$.....0).....	0	0
37. Surplus as regards policyholders (Lines 29 to 35, less 36).....	164,010,538	308,849,063
38. Totals (Page 2, Line 28, Col. 3).....	1,940,349,365	1,997,502,077

### DETAILS OF WRITE-INS

2501. Contingency reserve.....	1,231,177,272	1,097,599,634
2502. Premium refund reserve.....	2,056,406	981,307
2503. Deferred ceding commission.....	18,950,073	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).....	1,252,183,751	1,114,862,326
2901. ....	0	0
2902. ....	0	0
2903. ....	0	0
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. ....	0	0
3202. ....	0	0
3203. ....	0	0
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 September 30, 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
<b>UNDERWRITING INCOME</b>			
1. Premiums earned:			
1.1 Direct..... (written \$.....536,044,208).....	518,530,820	348,659,034	500,147,741
1.2 Assumed..... (written \$.....234,274,203).....	267,085,893	264,215,971	353,482,626
1.3 Ceded..... (written \$.....536,044,208).....	518,530,820	348,458,760	499,901,098
1.4 Net..... (written \$.....234,274,203).....	267,085,893	264,416,245	353,729,269
DEDUCTIONS:			
2. Losses incurred (current accident year \$.....34,650,643):			
2.1 Direct.....	17,443,102	10,274,601	12,778,487
2.2 Assumed.....	5,013,101	22,498,466	26,328,493
2.3 Ceded.....	17,443,102	10,038,465	12,594,880
2.4 Net.....	5,013,101	22,734,602	26,512,100
3. Loss adjustment expenses incurred.....	1,025,842	1,026,515	(1,880,755)
4. Other underwriting expenses incurred.....	43,426,284	53,266,986	65,610,890
5. Aggregate write-ins for underwriting deductions.....	133,542,946	132,208,122	176,864,635
6. Total underwriting deductions (Lines 2 through 5).....	183,008,173	209,236,225	267,106,869
7. Net income of protected cells.....	0	0	0
8. Net underwriting gain (loss) (Line 1 minus Line 6 + Line 7).....	84,077,720	55,180,019	86,622,400
<b>INVESTMENT INCOME</b>			
9. Net investment income earned.....	37,364,267	31,004,919	40,064,873
10. Net realized capital gains (losses) less capital gains tax of \$.....1,152,580.....	4,652,917	(9,118,004)	(13,261,220)
11. Net investment gain (loss) (Lines 9 + 10).....	42,017,184	21,886,915	26,803,653
<b>OTHER INCOME</b>			
12. Net gain or (loss) from agents' or premium balances charged off (amount recovered \$.....0 amount charged off \$.....0).....	0	0	0
13. Finance and service charges not included in premiums.....	0	0	0
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).....	126,094,904	77,066,934	113,426,053
17. Dividends to policyholders.....	0	0	0
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).....	126,094,904	77,066,934	113,426,053
19. Federal and foreign income taxes incurred.....	44,184,134	33,373,818	53,170,414
20. Net income (Line 18 minus Line 19) (to Line 22).....	81,910,770	43,693,116	60,255,639
<b>CAPITAL AND SURPLUS ACCOUNT</b>			
21. Surplus as regards policyholders, December 31 prior year.....	308,849,063	471,931,915	471,931,915
22. Net income (from Line 20).....	81,910,770	43,693,116	60,255,639
23. Net transfers (to) from Protected Cell accounts.....	0	0	0
24. Change in net unrealized capital gains or (losses) less capital gains tax of \$.....(993).....	678,426	(287,520)	(2,100,566)
25. Change in net unrealized foreign exchange capital gain (loss).....	0	0	0
26. Change in net deferred income tax.....	18,560,183	16,361,164	28,423,776
27. Change in nonadmitted assets.....	(25,639,445)	(12,782,640)	(69,648,654)
28. Change in provision for reinsurance.....	0	0	0
29. Change in surplus notes.....	0	0	0
30. Surplus (contributed to) withdrawn from protected cells.....	0	0	0
31. Cumulative effect of changes in accounting principles.....	0	0	0
32. Capital changes:			
32.1 Paid in.....	0	0	0
32.2 Transferred from surplus (Stock Dividend).....	0	0	0
32.3 Transferred to surplus.....	0	0	0
33. Surplus adjustments:			
33.1 Paid in.....	(220,348,459)	3,398,797	(180,013,047)
33.2 Transferred to capital (Stock Dividend).....	0	0	0
33.3 Transferred from capital.....	0	0	0
34. Net remittances from or (to) Home Office.....	0	0	0
35. Dividends to stockholders.....	0	0	0
36. Change in treasury stock.....	0	0	0
37. Aggregate write-ins for gains and losses in surplus.....	0	0	0
38. Change in surplus as regards policyholders (Lines 22 through 37).....	(144,838,525)	50,382,917	(163,082,852)
39. Surplus as regards policyholders, as of statement date (Lines 21 plus 38).....	164,010,538	522,314,832	308,849,063

**DETAILS OF WRITE-INS**

0501. Change in contingency reserve.....	133,542,946	132,208,122	176,864,635
0502. ....	0	0	0
0503. ....	0	0	0
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).....	133,542,946	132,208,122	176,864,635
1401. ....	0	0	0
1402. ....	0	0	0
1403. ....	0	0	0
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. ....	0	0	0
3702. ....	0	0	0
3703. ....	0	0	0
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 September 30, 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
<b>CASH FROM OPERATIONS</b>			
1. Premiums collected net of reinsurance.....	256,657,450	303,045,518	390,826,374
2. Net investment income.....	41,591,474	33,086,564	43,211,327
3. Miscellaneous income.....	0	0	0
4. Total (Lines 1 through 3).....	298,248,924	336,132,081	434,037,701
5. Benefit and loss related payments.....	48,821,363	93,289,324	110,176,638
6. Net transfers to Separate Accounts, Segregated Accounts and Protected Cell Accounts.....	0	0	0
7. Commissions, expenses paid and aggregate write-ins for deductions.....	43,654,618	50,897,105	61,988,422
8. Dividends paid to policyholders.....	0	0	0
9. Federal and foreign income taxes paid (recovered) net of \$.....1,152,580 tax on capital gains (losses).....	34,843,999	26,390,002	54,204,467
10. Total (Lines 5 through 9).....	127,319,980	170,576,432	226,369,527
11. Net cash from operations (Line 4 minus Line 10).....	170,928,944	165,555,650	207,668,174
<b>CASH FROM INVESTMENTS</b>			
12. Proceeds from investments sold, matured or repaid:			
12.1 Bonds.....	1,251,856,108	1,161,743,295	1,622,026,308
12.2 Stocks.....	90,181,404	0	0
12.3 Mortgage loans.....	0	0	0
12.4 Real estate.....	962,692	462,178	684,255
12.5 Other invested assets.....	0	0	0
12.6 Net gains or (losses) on cash, cash equivalents and short-term investments.....	0	0	(51,061)
12.7 Miscellaneous proceeds.....	0	0	0
12.8 Total investment proceeds (Lines 12.1 to 12.7).....	1,343,000,204	1,162,205,473	1,622,659,502
13. Cost of investments acquired (long-term only):			
13.1 Bonds.....	1,316,106,112	1,363,712,979	1,657,916,090
13.2 Stocks.....	1,640,000	0	19,986,953
13.3 Mortgage loans.....	0	0	0
13.4 Real estate.....	1,030,160	793,250	755,130
13.5 Other invested assets.....	0	0	0
13.6 Miscellaneous applications.....	1,277,597	0	0
13.7 Total investments acquired (Lines 13.1 to 13.6).....	1,320,053,869	1,364,506,229	1,678,658,173
14. Net increase or (decrease) in contract loans and premium notes.....	0	0	0
15. Net cash from investments (Line 12.8 minus Line 13.7 and Line 14).....	22,946,335	(202,300,756)	(55,998,670)
<b>CASH FROM FINANCING AND MISCELLANEOUS SOURCES</b>			
16. Cash provided (applied):			
16.1 Surplus notes, capital notes.....	0	0	0
16.2 Capital and paid in surplus, less treasury stock.....	(225,000,000)	0	(180,013,047)
16.3 Borrowed funds.....	0	0	0
16.4 Net deposits on deposit-type contracts and other insurance liabilities.....	0	0	0
16.5 Dividends to stockholders.....	0	0	0
16.6 Other cash provided (applied).....	(4,766,251)	(1,605,820)	(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).....	(229,766,251)	(1,605,820)	(212,829,182)
<b>RECONCILIATION OF CASH, CASH EQUIVALENTS AND SHORT-TERM INVESTMENTS</b>			
18. Net change in cash, cash equivalents and short-term investments (Line 11 plus Line 15 plus Line 17).....	(35,890,973)	(38,350,926)	(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).....	17,060,093	75,759,817	52,951,065
<b>Note: Supplemental disclosures of cash flow information for non-cash transactions:</b>			
20.0001 Change in contingency reserve.....	(133,542,946)	(132,208,122)	(176,864,635)
20.0002 Change in premium refund reserve.....	1,075,099	(25,950)	788,561
20.0003 Change in deferred ceding commission.....	(2,668,688)	(4,371,517)	(4,077,037)
20.0004 Change in escheatable and stale checks.....	(99,621)	(14,419)	19,879
20.0005 Change in investment in AMIS.....	(4,651,541)	(3,398,797)	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
<b>NET INCOME</b>					
(1) The Company state basis (Page 4, Line 20, Columns 1 & 3)	XXX	XXX	XXX	\$ 81,910,770	\$ 60,255,639
(2) State Prescribed Practice that are an increase/(decrease) from NAIC SAP					
Change in Contingency Reserve	58	4	4	\$ (133,542,946)	\$ (176,864,635)
(3) State Permitted Practice that are an increase/(decrease) from NAIC SAP					
				\$ 0	\$ 0
(4) NAIC SAP (1 – 2 – 3 = 4)	XXX	XXX	XXX	\$ 215,453,716	\$ 237,120,274
<b>SURPLUS</b>					
(5) The Company state basis (Page 3, line 37, Columns 1 & 2)	XXX	XXX	XXX	\$ 164,010,538	\$ 308,849,063
(6) State Prescribed Practice that are an increase/(decrease) from NAIC SAP					
				\$ 0	\$ 0
(7) State Permitted Practice that are an increase/(decrease) from NAIC SAP					
				\$ 0	\$ 0
(8) NAIC SAP (5 – 6 – 7 = 8)	XXX	XXX	XXX	\$ 164,010,538	\$ 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	\$	407,776
	2. 12 Months or Longer	\$	411,875
b. The aggregate related fair value of securities with unrealized losses:	1. Less than 12 Months	\$	68,716,904
	2. 12 Months or Longer	\$	18,126,070

(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 the release of capital of \$15,000,000 to the Company. The capital was received on March 22, 2019.

On August 19, 2019, the Department approved the Company's request to pay a \$225,000,000 return of capital to its parent, Arch U.S. MI Holdings, Inc. which was paid on September 23, 2019.

C. Dollar Amounts of Transactions  
See Note 10B

D. Amounts Due From or To Related Parties  
At September 30 2019, the Company reported a receivable of \$4,995,995 and a payable of (\$26,358,348) from/to affiliated companies. Details of the balances are:

United Guaranty Residential Insurance Company of North Carolina \$27,848; United Guaranty Residential Insurance Company \$4,949,443; Arch Mortgage Guaranty Company \$18,704; United Guaranty Services, Inc. (\$2,273); Arch U.S. MI Holdings, Inc. (\$209,366); Arch U.S. MI Services, Inc. (\$26,146,709).

**NOTES TO FINANCIAL STATEMENTS**

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:

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**

- (4) Dates and Amounts of Dividends Paid  
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  
(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
<b>Assets at Fair Value</b>					
Exempt MM Mutual Fund	\$ 5,174,503	\$ 0	\$ 0	\$ 0	\$ 5,174,503
Industrial & Miscellaneous Bonds	\$ 0	\$ 16,312,622	\$ 0	\$ 0	\$ 16,312,622
Preferred Stock	\$ 0	\$ 1,689,338	\$ 0	\$ 0	\$ 1,689,338
<b>Total</b>	<b>\$ 5,174,503</b>	<b>\$ 18,001,960</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 23,176,463</b>
<b>Liabilities at Fair Value</b>					
	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>

- (2) Fair Value Measurements in (Level 3) of the Fair Value Hierarchy  
At September 30, 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 September 30, 2019.
- (4) Description of Valuation Techniques and Inputs Used in Fair Value Measurement  
In accordance with SSAP 100R, 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.



**NOTES TO FINANCIAL STATEMENTS**

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 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	\$1,809,942,749	\$1,764,708,614	\$ 247,907,528	\$1,562,035,221	\$ 0	\$ 0	\$ 0
Preferred Stock	\$ 1,689,338	\$ 1,689,338	\$ 0	\$ 1,689,338	\$ 0	\$ 0	\$ 0
Cash, Cash equivalent and short-term investments	\$ 17,060,093	\$ 17,060,093	\$ 17,060,093	\$ 0	\$ 0	\$ 0	\$ 0

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**

On October 9, 2019, the Company requested the Department's approval to make an annual interest payment effective December 15, 2019, in the amount of \$3,188,250 related to the 2017 Note. On October 16, 2019, the Department approved the Company's request.

On October 17, 2019, the Company entered into an excess of loss reinsurance agreement with Bellemeade RE 2019-4 Ltd.

Subsequent events have been considered through November 5, 2019 for these statutory financial statements which are to be issued on November 5, 2019.

**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 \$30.7 million and \$24.0 million for the nine months ended September 30, 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

**NOTES TO FINANCIAL STATEMENTS**

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**Note 34 – Subscriber Savings Accounts**

Not Applicable

**Note 35 – Multiple Peril Crop Insurance**

Not Applicable

**Note 36 – Financial Guaranty Insurance**

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

Not Applicable

## GENERAL INTERROGATORIES

### PART 1 - COMMON INTERROGATORIES

#### GENERAL

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

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

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

2.2 If yes, date of change:

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

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

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

Ventus Risk Management, Inc. was acquired 100% by Arch Insurance Group Inc.

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

3.5 If the response to 3.4 is yes, provide the CIK (Central Index Key) code issued by the SEC for the entity/group. 947484

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

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

1 Name of Entity	2 NAIC Company Code	3 State of Domicile
0		

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

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

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

6.3 State as of what date the latest financial examination report became available to other states or the public from either the state of domicile or the reporting entity. This is the release date or completion date of the examination report and not the date of the examination (balance sheet date). 06/12/2017

6.4 By what department or departments?

Wisconsin Office of the Commissioner of Insurance

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

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

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

7.2 If yes, give full information:

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

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

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

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

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

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

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

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

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

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

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

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

## GENERAL INTERROGATORIES

### PART 1 - COMMON INTERROGATORIES

#### FINANCIAL

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

#### INVESTMENT

- 11.1 Were any of the stocks, bonds, or other assets of the reporting entity loaned, placed under option agreement, or otherwise made available for use by another person? (Exclude securities under securities lending agreements.) Yes  No
- 11.2 If yes, give full and complete information relating thereto:

12. Amount of real estate and mortgages held in other invested assets in Schedule BA: \$ 0
13. Amount of real estate and mortgages held in short-term investments: \$ 0
- 14.1 Does the reporting entity have any investments in parent, subsidiaries and affiliates? Yes  No
- 14.2 If yes, please complete the following:

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

	1 Prior Year End Book/Adjusted Carrying Value		2 Current Quarter Book/Adjusted Carrying Value
\$	0	\$	0
	0		0
	49,331,214		37,518,495
	0		0
	0		0
	0		0
\$	49,331,214	\$	37,518,495
\$	0	\$	0

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

16. For the reporting entity's security lending program, state the amount of the following as of current statement date:
- 16.1 Total fair value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2: \$ 0
- 16.2 Total book adjusted/carrying value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2: \$ 0
- 16.3 Total payable for securities lending reported on the liability page: \$ 0
17. Excluding items in Schedule E-Part 3-Special Deposits, real estate, mortgage loans and investments held physically in the reporting entity's offices, vaults or safety deposit boxes, were all stocks, bonds and other securities, owned throughout the current year held pursuant to a custodial agreement with a qualified bank or trust company in accordance with Section 1, III - General Examination Considerations, F. Outsourcing of Critical Functions, Custodial or Safekeeping Agreements of the NAIC *Financial Condition Examiners Handbook*? Yes  No

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

1 Name of Custodian(s)	2 Custodian Address
Bank of New York Mellon	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
- 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  No
- 18.2 If no, list exceptions:

**GENERAL INTERROGATORIES**

**PART 1 - COMMON INTERROGATORIES**

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]

Statement for September 30, 2019 of the **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 was 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
<b>All Other Insurers</b>						
0.....	AA-3191392.....	Bellemeade Re 2019 1 Ltd.....	BMU.....	Unauthorized...	.0.....	.....
0.....	AA-3191391.....	Bellemeade Re 2019-2 Ltd.....	BMU.....	Unauthorized...	.0.....	.....
0.....	AA-3191407.....	Bellemeade Re 2019-3 Ltd.....	BMU.....	Unauthorized...	.0.....	.....

# ARCH MORTGAGE INSURANCE COMPANY

## SCHEDULE T - EXHIBIT OF PREMIUMS WRITTEN

Current Year to Date - Allocated by States and Territories

States, Etc.	1 Active Status (a)	Direct Premiums Written		Direct Losses Paid (Deducting Salvage)		Direct Losses Unpaid	
		2 Current Year to Date	3 Prior Year to Date	4 Current Year to Date	5 Prior Year to Date	6 Current Year to Date	7 Prior Year to Date
1. Alabama.....AL	L	5,726,250	3,323,561	173,478	0	625,252	416,785
2. Alaska.....AK	L	2,393,875	2,327,767	338,068	248,116	970,814	1,161,799
3. Arizona.....AZ	L	17,143,643	11,738,180	115,317	148,569	2,367,732	1,241,374
4. Arkansas.....AR	L	3,085,425	2,270,539	217,728	145,092	277,172	369,084
5. California.....CA	L	39,460,759	28,829,051	207,345	9,636	6,038,497	4,114,067
6. Colorado.....CO	L	13,519,727	8,165,707	57,984	(1,277)	958,918	910,554
7. Connecticut.....CT	L	5,450,058	3,306,781	200,626	123,271	1,364,098	1,027,133
8. Delaware.....DE	L	1,789,777	1,187,425	122,445	0	112,879	110,138
9. District of Columbia.....DC	L	2,166,901	1,509,807	0	0	193,350	27,205
10. Florida.....FL	L	36,371,070	23,334,936	1,082,542	520,981	7,268,583	6,933,509
11. Georgia.....GA	L	19,686,854	13,039,440	403,957	45,725	2,411,833	1,750,211
12. Hawaii.....HI	L	1,552,046	914,710	0	0	402,861	394,986
13. Idaho.....ID	L	6,117,925	4,859,863	44,790	5,450	473,301	492,752
14. Illinois.....IL	L	17,333,367	11,543,954	252,252	399,645	2,942,655	1,671,125
15. Indiana.....IN	L	13,343,131	8,858,030	27,724	228,777	1,323,102	872,984
16. Iowa.....IA	L	6,832,382	5,248,957	256,616	214,321	888,217	875,389
17. Kansas.....KS	L	6,722,325	5,033,816	143,855	105,588	758,158	913,541
18. Kentucky.....KY	L	4,843,379	3,713,781	52,455	36,474	389,767	354,494
19. Louisiana.....LA	L	4,184,959	2,725,147	138,230	60,762	850,926	835,432
20. Maine.....ME	L	1,904,620	1,473,971	38,899	151,642	186,279	559,628
21. Maryland.....MD	L	16,289,142	11,260,972	202,172	702,191	1,986,086	926,166
22. Massachusetts.....MA	L	22,133,951	15,929,753	337,684	270,912	1,729,192	2,237,290
23. Michigan.....MI	L	15,850,784	14,095,668	191,252	464,732	2,537,291	1,958,009
24. Minnesota.....MN	L	17,886,534	11,392,720	211,407	374,011	1,260,716	1,511,208
25. Mississippi.....MS	L	1,460,244	867,208	83,170	12,471	228,697	130,863
26. Missouri.....MO	L	10,402,158	7,566,701	75,334	191,353	940,557	606,030
27. Montana.....MT	L	659,576	462,588	0	0	68,331	15,606
28. Nebraska.....NE	L	3,947,411	2,418,216	(12,137)	36,515	565,577	347,139
29. Nevada.....NV	L	4,077,807	2,453,548	207,120	222,434	728,389	783,885
30. New Hampshire.....NH	L	4,118,574	2,931,341	78,527	(562)	263,430	153,430
31. New Jersey.....NJ	L	14,898,478	8,756,902	96,869	554,051	1,963,101	1,527,682
32. New Mexico.....NM	L	2,874,948	2,103,939	144,677	86,742	352,650	417,791
33. New York.....NY	L	12,472,057	8,778,343	474,099	997,696	2,455,622	3,478,746
34. North Carolina.....NC	L	19,259,979	14,399,926	106,840	54,126	1,656,166	1,468,427
35. North Dakota.....ND	L	682,763	477,647	7,801	0	87,088	105,810
36. Ohio.....OH	L	14,732,606	10,686,290	600,603	358,238	2,156,461	2,495,222
37. Oklahoma.....OK	L	4,452,922	3,017,967	56,923	161,252	437,615	607,159
38. Oregon.....OR	L	11,130,147	8,385,210	146,817	93,812	1,353,474	795,328
39. Pennsylvania.....PA	L	12,891,250	9,095,439	185,330	244,922	1,770,687	2,391,116
40. Rhode Island.....RI	L	3,353,322	2,612,621	83,143	39,156	443,442	425,159
41. South Carolina.....SC	L	11,245,748	7,662,112	108,136	84,973	1,341,653	1,088,534
42. South Dakota.....SD	L	1,929,737	1,439,303	17,871	0	148,093	121,716
43. Tennessee.....TN	L	14,869,134	10,959,832	183,526	285,786	985,645	1,436,175
44. Texas.....TX	L	39,378,304	24,675,995	430,508	365,014	4,616,321	2,855,877
45. Utah.....UT	L	11,008,948	8,202,293	44,332	67,604	1,483,595	770,450
46. Vermont.....VT	L	1,483,199	1,112,742	35,829	175,617	163,644	287,558
47. Virginia.....VA	L	17,796,402	12,830,335	95,891	211,021	1,414,665	1,302,232
48. Washington.....WA	L	15,324,955	8,636,592	148,274	41,219	1,136,967	840,424
49. West Virginia.....WV	L	673,234	411,996	85,017	22,392	152,308	239,701
50. Wisconsin.....WI	L	18,512,629	14,677,402	414,098	405,222	1,904,481	2,938,738
51. Wyoming.....WY	L	579,888	325,949	40,093	0	53,269	19,760
52. American Samoa.....AS	N	0	0	0	0	0	0
53. Guam.....GU	L	0	0	0	0	0	0
54. Puerto Rico.....PR	L	38,904	25,461	0	0	95,380	125,311
55. US Virgin Islands.....VI	N	0	0	0	0	0	0
56. Northern Mariana Islands.....MP	N	0	0	0	0	0	0
57. Canada.....CAN	N	0	0	0	0	0	0
58. Aggregate Other Alien.....OT	XXX	0	0	0	0	0	0
59. Totals.....	XXX	536,044,208	372,058,435	8,755,517	8,965,673	67,284,987	59,440,728

**DETAILS OF WRITE-INS**

58001.....	XXX	0	0	0	0	0	0
58002.....	XXX	0	0	0	0	0	0
58003.....	XXX	0	0	0	0	0	0
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

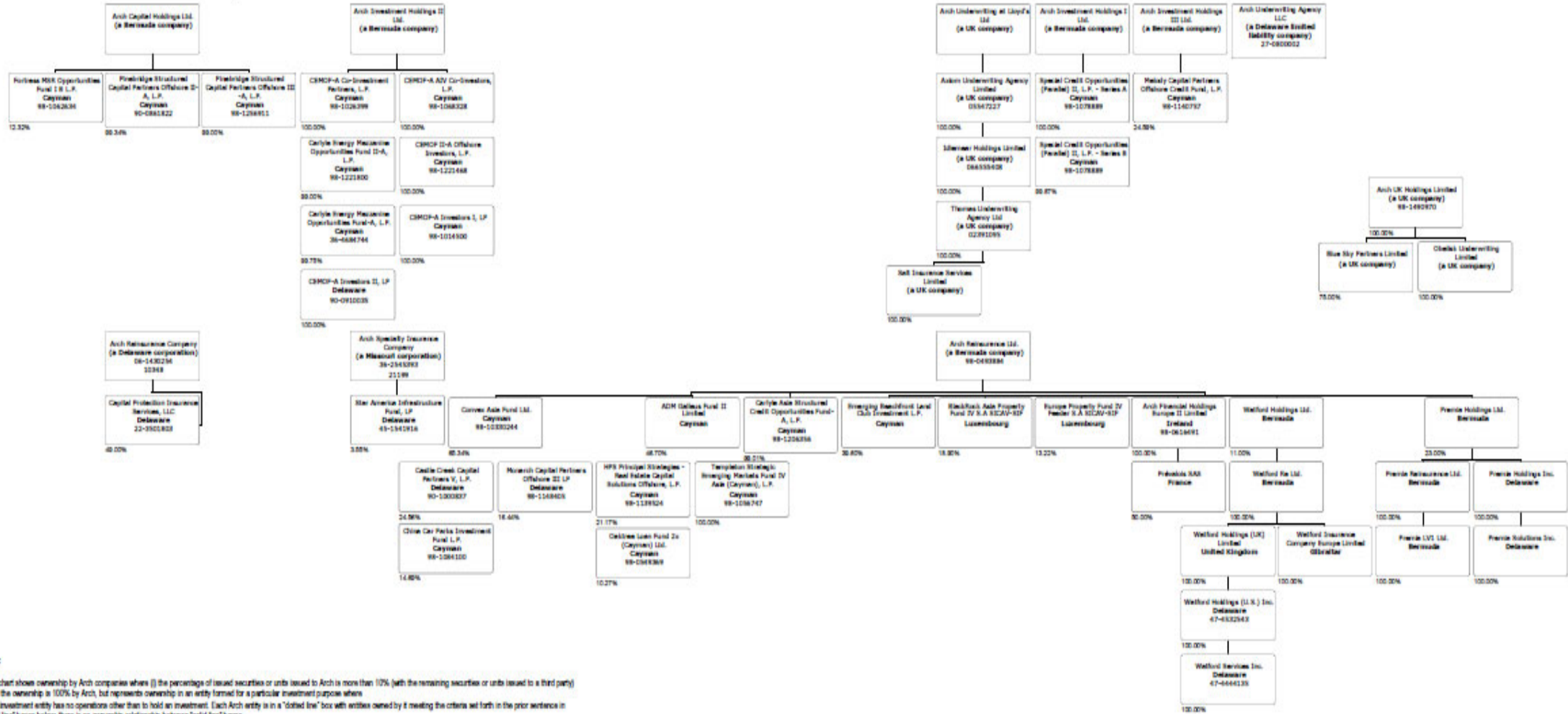
(a) Active Status Count

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 (DSL) - Reporting entities authorized to write surplus lines in the state of domicile.....	0	N - None of the above - Not allowed to write business in the state.....	4





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



**Note:**

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

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

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

Q11.1

# ARCH MORTGAGE INSURANCE COMPANY

## 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)	*
<b>Members</b>															
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....

Q12

**ARCH MORTGAGE INSURANCE COMPANY**

**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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
N/A..	Arch Capital Group (U.S.) Inc.	10946..	06-1521582..	N/A.....	N/A.....	N/A.....	Arch Property Casualty Insurance Company.....	MO.....	IA.....	Arch Insurance Company.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	...N.....	0.....
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.....	0.....

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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
1279	Arch Capital Group (U.S.) Inc.	11463..	03-0358003..	N/A.....	N/A.....	N/A.....	United Guaranty Partners Insurance Company.....	VT.....	IA.....	Arch U.S. MI Holdings Inc.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	....N.....	0.....
N/A..	N/A.....	N/A.....	56-1273575..	N/A.....	N/A.....	N/A.....	United Guaranty Services, Inc.....	NC.....	NIA.....	Arch U.S. MI Holdings Inc.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	....N.....	0.....
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.....	Arch U.S. MI Holdings Inc.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	....N.....	0.....
1279	Arch Capital Group (U.S.) Inc.	15873..	42-0885398..	N/A.....	N/A.....	N/A.....	United Guaranty Residential Insurance Company.....	NC.....	IA.....	Arch U.S. MI Holdings Inc.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	....N.....	0.....
1279	Arch Capital Group (U.S.) Inc.	40525..	56-1307714..	N/A.....	N/A.....	N/A.....	United Guaranty Credit Insurance Company.....	NC.....	IA.....	Arch U.S. MI Holdings Inc.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	....N.....	0.....
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.....	Arch U.S. MI Holdings Inc.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	....N.....	0.....
1279	Arch Capital Group (U.S.) Inc.	13694..	27-0550064..	N/A.....	N/A.....	N/A.....	Arch Structured Mortgage Insurance Company.....	NC.....	IA.....	Arch U.S. MI Holdings Inc.....	Ownership.....	...100.000	Arch Capital Group Ltd.....	....N.....	0.....

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.....	0.....
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

# ARCH MORTGAGE INSURANCE COMPANY

## 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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
N/A..	N/A.....	N/A.....	98-1490970..	N/A.....	N/A.....	N/A.....	Arch UK Holdings Limited.....	GBR.....	NIA.....	Arch Reinsurance Ltd.....	Ownership.....	100.000	Arch Capital Group Ltd.....	N.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
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.....	0.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Obelisk Underwriting Limited.....	GBR.....	NIA.....	Arch UK Holdings Limited.....	Ownership.....	100.000	Arch Capital Group Ltd.....	N.....	0.....
N/A..	N/A.....	N/A.....	83-4516586..	N/A.....	N/A.....	N/A.....	First Shield Service Corporation.....	MO.....	NIA.....	Arch Insurance Group Inc.....	Ownership.....	100.000	Arch Capital Group Ltd.....	N.....	0.....
N/A..	N/A.....	N/A.....	38-4119847..	N/A.....	N/A.....	N/A.....	First Shield Service Corporation of Florida.....	MO.....	NIA.....	Arch Insurance Group Inc.....	Ownership.....	100.000	Arch Capital Group Ltd.....	N.....	0.....
N/A..	N/A.....	N/A.....	61-1932852..	N/A.....	N/A.....	N/A.....	First Shield Consumer Service Corporation.....	MO.....	NIA.....	Arch Insurance Group Inc.....	Ownership.....	100.000	Arch Capital Group Ltd.....	N.....	0.....
N/A..	N/A.....	N/A.....	37-1944730..	N/A.....	N/A.....	N/A.....	First Shield Consumer Service Corporation of Florida	MO.....	NIA.....	Arch Insurance Group Inc.....	Ownership.....	100.000	Arch Capital Group Ltd.....	N.....	0.....
N/A..	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....	Arch Credit Risk Services (Bermuda) Ltd.....	BMU.....	NIA.....	Arch Reinsurance Ltd.....	Ownership.....	100.000	Arch Capital Group Ltd.....	N.....	0.....
N/A..	N/A.....	N/A.....	47-5537185..	N/A.....	N/A.....	N/A.....	Ventus Risk Management, Inc.....	DE.....	NIA.....	Arch Reinsurance Ltd.....	Ownership.....	100.000	Arch Capital Group Ltd.....	N.....	0.....

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 September 30, 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	0	0.000	0.000
2. Allied lines.....	0	0	0.000	0.000
3. Farmowners multiple peril.....	0	0	0.000	0.000
4. Homeowners multiple peril.....	0	0	0.000	0.000
5. Commercial multiple peril.....	0	0	0.000	0.000
6. Mortgage guaranty.....	518,530,820	17,443,102	3.364	2.947
8. Ocean marine.....	0	0	0.000	0.000
9. Inland marine.....	0	0	0.000	0.000
10. Financial guaranty.....	0	0	0.000	0.000
11.1. Medical professional liability - occurrence.....	0	0	0.000	0.000
11.2. Medical professional liability - claims-made.....	0	0	0.000	0.000
12. Earthquake.....	0	0	0.000	0.000
13. Group accident and health.....	0	0	0.000	0.000
14. Credit accident and health.....	0	0	0.000	0.000
15. Other accident and health.....	0	0	0.000	0.000
16. Workers' compensation.....	0	0	0.000	0.000
17.1 Other liability-occurrence.....	0	0	0.000	0.000
17.2 Other liability-claims made.....	0	0	0.000	0.000
17.3 Excess workers' compensation.....	0	0	0.000	0.000
18.1 Products liability-occurrence.....	0	0	0.000	0.000
18.2 Products liability-claims made.....	0	0	0.000	0.000
19.1, 19.2 Private passenger auto liability.....	0	0	0.000	0.000
19.3, 19.4 Commercial auto liability.....	0	0	0.000	0.000
21. Auto physical damage.....	0	0	0.000	0.000
22. Aircraft (all perils).....	0	0	0.000	0.000
23. Fidelity.....	0	0	0.000	0.000
24. Surety.....	0	0	0.000	0.000
26. Burglary and theft.....	0	0	0.000	0.000
27. Boiler and machinery.....	0	0	0.000	0.000
28. Credit.....	0	0	0.000	0.000
29. International.....	0	0	0.000	0.000
30. Warranty.....	0	0	0.000	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	0.000
35. Totals.....	518,530,820	17,443,102	3.364	2.947

**DETAILS OF WRITE-INS**

3401.....	0	0	0.000	0.000
3402.....	0	0	0.000	0.000
3403.....	0	0	0.000	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	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.....	0	0	0
2. Allied lines.....	0	0	0
3. Farmowners multiple peril.....	0	0	0
4. Homeowners multiple peril.....	0	0	0
5. Commercial multiple peril.....	0	0	0
6. Mortgage guaranty.....	195,210,550	536,044,208	372,058,435
8. Ocean marine.....	0	0	0
9. Inland marine.....	0	0	0
10. Financial guaranty.....	0	0	0
11.1 Medical professional liability - occurrence.....	0	0	0
11.2 Medical professional liability - claims made.....	0	0	0
12. Earthquake.....	0	0	0
13. Group accident and health.....	0	0	0
14. Credit accident and health.....	0	0	0
15. Other accident and health.....	0	0	0
16. Workers' compensation.....	0	0	0
17.1 Other liability-occurrence.....	0	0	0
17.2 Other liability-claims made.....	0	0	0
17.3 Excess workers' compensation.....	0	0	0
18.1 Products liability-occurrence.....	0	0	0
18.2 Products liability-claims made.....	0	0	0
19.1 19.2 Private passenger auto liability.....	0	0	0
19.3 19.4 Commercial auto liability.....	0	0	0
21. Auto physical damage.....	0	0	0
22. Aircraft (all perils).....	0	0	0
23. Fidelity.....	0	0	0
24. Surety.....	0	0	0
26. Burglary and theft.....	0	0	0
27. Boiler and machinery.....	0	0	0
28. Credit.....	0	0	0
29. International.....	0	0	0
30. Warranty.....	0	0	0
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.....	195,210,550	536,044,208	372,058,435

**DETAILS OF WRITE-INS**

3401.....	0	0	0
3402.....	0	0	0
3403.....	0	0	0
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	20,910	331	21,241	33,561	137	1,097	34,795	(10,880)	56	(10,824)
2. 2017.....	38,885	1,381	40,266	12,432	96	12,528	17,373	150	619	18,142	(9,080)	(516)	(9,596)
3. Subtotals 2017 + Prior.....	104,236	2,890	107,126	33,342	427	33,769	50,934	287	1,716	52,937	(19,960)	(460)	(20,420)
4. 2018.....	50,713	6,166	56,879	8,153	477	8,630	31,123	5,329	1,547	37,999	(11,437)	1,187	(10,250)
5. Subtotals 2018 + Prior.....	154,949	9,056	164,005	41,495	904	42,399	82,057	5,616	3,263	90,936	(31,397)	727	(30,670)
6. 2019.....	XXX	XXX	XXX	XXX	374	374	XXX	30,195	6,138	36,333	XXX	XXX	XXX
7. Totals.....	154,949	9,056	164,005	41,495	1,278	42,773	82,057	35,811	9,401	127,269	(31,397)	727	(30,670)
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. ....(20.3)%	2. ....8.0%	3. ....(18.7)%
													Col. 13, Line 7 Line 8
													4. ....(9.9)%

Q14

Statement for September 30, 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.

	<b>Response</b>
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**

# 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	.0
2. Cost of acquired:		
2.1 Actual cost at time of acquisition.....	1,028,850	755,130
2.2 Additional investment made after acquisition.....	1,310	.0
3. Current year change in encumbrances.....	.0	.0
4. Total gain (loss) on disposals.....	(67,468)	(108,995)
5. Deduct amounts received on disposals.....	962,692	684,255
6. Total foreign exchange change in book/adjusted carrying value.....	.0	.0
7. Deduct current year's other-than-temporary impairment recognized.....	.0	(38,120)
8. Deduct current year's depreciation.....	.0	.0
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.....	.0	.0
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	.0
2. Cost of acquired:		
2.1 Actual cost at time of acquisition.....	.0	.0
2.2 Additional investment made after acquisition.....	.0	.0
3. Capitalized deferred interest and other.....	.0	.0
4. Accrual of discount.....	.0	.0
5. Unrealized valuation increase (decrease).....	.0	.0
6. Total gain (loss) on disposals.....	.0	.0
7. Deduct amounts received on disposals.....	.0	.0
8. Deduct amortization of premium and mortgage interest points and commitment fees.....	.0	.0
9. Total foreign exchange change in book value/recorded investment excluding accrued interest.....	.0	.0
10. Deduct current year's other-than-temporary impairment recognized.....	.0	.0
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.....	.0	.0
13. Subtotal (Line 11 plus Line 12).....	.0	.0
14. Deduct total nonadmitted amounts.....	.0	.0
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	.0
2. Cost of acquired:		
2.1 Actual cost at time of acquisition.....	.0	.0
2.2 Additional investment made after acquisition.....	.0	.0
3. Capitalized deferred interest and other.....	.0	.0
4. Accrual of discount.....	.0	.0
5. Unrealized valuation increase (decrease).....	.0	.0
6. Total gain (loss) on disposals.....	.0	.0
7. Deduct amounts received on disposals.....	.0	.0
8. Deduct amortization of premium and depreciation.....	.0	.0
9. Total foreign exchange change in book/adjusted carrying value.....	.0	.0
10. Deduct current year's other-than-temporary impairment recognized.....	.0	.0
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.....	.0	.0
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.....	1,317,746,112	1,678,384,492
3. Accrual of discount.....	1,074,992	2,089,369
4. Unrealized valuation increase (decrease).....	(9,687,510)	2,253,211
5. Total gain (loss) on disposals.....	5,807,010	(16,752,512)
6. Deduct consideration for bonds and stocks disposed of.....	1,327,037,515	1,626,961,736
7. Deduct amortization of premium.....	4,189,536	8,954,989
8. Total foreign exchange change in book/adjusted carrying value.....	.0	.0
9. Deduct current year's other-than-temporary impairment recognized.....	.0	.0
10. Total investment income recognized as a result of prepayment penalties and/or acceleration fees.....	135,697	117,428
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10).....	1,803,916,447	1,820,067,196
12. Deduct total nonadmitted amounts.....	37,518,495	49,331,214
13. Statement value at end of current period (Line 11 minus Line 12).....	1,766,397,952	1,770,735,982

**ARCH MORTGAGE INSURANCE COMPANY**

**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
<b>BONDS</b>								
1. NAIC 1 (a).....	1,413,623,148	293,614,188	399,820,344	(8,559,805)	1,393,996,919	1,413,623,148	1,298,857,187	1,374,882,733
2. NAIC 2 (a).....	394,884,418	65,819,136	107,561,994	2,224,068	334,434,046	394,884,418	355,365,628	303,870,086
3. NAIC 3 (a).....	56,962,479	12,804,054	9,810,764	6,337,826	56,313,240	56,962,479	66,293,595	51,412,526
4. NAIC 4 (a).....	46,126,867	8,653,255	9,063,151	(1,161,209)	45,758,257	46,126,867	44,555,762	50,117,090
5. NAIC 5 (a).....	201,500	0	253,060	51,560	0	201,500	0	0
6. NAIC 6 (a).....	1,000,000	0	0	0	1,000,000	1,000,000	1,000,000	1,000,000
7. Total Bonds.....	1,912,798,413	380,890,633	526,509,313	(1,107,561)	1,831,502,462	1,912,798,413	1,766,072,172	1,781,282,436
<b>PREFERRED STOCK</b>								
8. NAIC 1.....	0	0	0	0	0	0	0	0
9. NAIC 2.....	0	1,640,000	0	49,338	0	0	1,689,338	0
10. NAIC 3.....	0	0	0	0	0	0	0	0
11. NAIC 4.....	0	0	0	0	0	0	0	0
12. NAIC 5.....	0	0	0	0	0	0	0	0
13. NAIC 6.....	0	0	0	0	0	0	0	0
14. Total Preferred Stock.....	0	1,640,000	0	49,338	0	0	1,689,338	0
15. Total Bonds and Preferred Stock.....	1,912,798,413	382,530,633	526,509,313	(1,058,223)	1,831,502,462	1,912,798,413	1,767,761,510	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 \$.....1,016,473; NAIC 2 \$.....347,085; NAIC 3 \$.....0; NAIC 4 \$.....0; NAIC 5 \$.....0; NAIC 6 \$.....0.

**SCHEDULE DA - PART 1**

Short-Term Investments

	1 Book/Adjusted Carrying Value	2 Par Value	3 Actual Cost	4 Interest Collected Year To Date	5 Paid for Accrued Interest Year To Date
9199999.....	1,363,558	XXX.....	1,365,596	0	10,700

**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.....	1,365,596	9,381,310
3. Accrual of discount.....	0	18,795
4. Unrealized valuation increase (decrease).....	17,479	(17,218)
5. Total gain (loss) on disposals.....	(1,513)	(33,758)
6. Deduct consideration received on disposals.....	3,575,000	16,215,640
7. Deduct amortization of premium.....	16,755	61,731
8. Total foreign exchange change in book/adjusted carrying value.....	0	0
9. Deduct current year's other-than-temporary impairment recognized.....	0	0
10. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9).....	1,363,558	3,573,751
11. Deduct total nonadmitted amounts.....	0	0
12. Statement value at end of current period (Line 10 minus Line 11).....	1,363,558	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**

**QSI04, QSI05, QSI06, QSI07**

# 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.....	838,365,763	1,844,980,745
3. Accrual of discount.....	27,433	223,768
4. Unrealized valuation increase (decrease).....	0	0
5. Total gain (loss) on disposals.....	0	(84)
6. Deduct consideration received on disposals.....	874,154,512	1,880,916,256
7. Deduct amortization of premium.....	0	23,188
8. Total foreign exchange change in book/ adjusted carrying value.....	0	0
9. Deduct current year's other-than-temporary impairment recognized.....	0	0
10. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9).....	5,174,503	40,935,819
11. Deduct total nonadmitted amounts.....	0	0
12. Statement value at end of current period (Line 10 minus Line 11).....	5,174,503	40,935,819



**SCHEDULE A - PART 2**

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

1 Description of Property	Location		4 Date Acquired	5 Name of Vendor	6 Actual Cost at Time of Acquisition	7 Amount of Encumbrances	8 Book/Adjusted Carrying Value Less Encumbrances	9 Additional Investment Made After Acquisition
	2 City	3 State						
<b>Acquired by Purchase</b>								
71632881.....	SACRAMENTO.....	CA..	08/02/2019....	FEDERAL NATIONAL MORTGAGE ASSOCIATION.....	403,750	0	403,750	0
99384042.....	PORTLAND.....	OR..	07/31/2019....	FEDERAL HOME LOAN MORTGAGE CORPORATION.....	0	0	0	1,310
0199999. Totals.....					403,750	0	403,750	1,310
0399999. Totals.....					403,750	0	403,750	1,310

QE01

**SCHEDULE A - PART 3**

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

1 Description of Property	Location		4 Disposal Date	5 Name of Purchaser	6 Actual Cost	7 Expended for Additions, Permanent Improvements and Changes in Encumbrances	8 Book/Adjusted Carrying Value Less Encumbrances Prior Year	Change in Book/Adjusted Carrying Value Less Encumbrances					14 Book/Adjusted Carrying Value Less Encumbrances on Disposal	15 Amounts Received During Year	16 Foreign Exchange Gain (Loss) on Disposal	17 Realized Gain (Loss) on Disposal	18 Total Gain (Loss) on Disposal	19 Gross Income Earned Less Interest Incurred on Encumbrances	20 Taxes, Repairs, and Expenses Incurred
	2 City	3 State						9 Current Year's Depreciation	10 Current Year's Other-Than-Temporary Impairment Recognized	11 Current Year's Change in Encumbrances	12 Total Change in B./A.C.V. (11 - 9 - 10)	13 Total Foreign Exchange Change in B./A.C.V.							
99384042.....	PORTLAND.....	OR.	09/19/2019	CHRISTOPHER LIM.....	398,411	0	0	0	0	0	0	0	0	328,883	0	(69,527)	(69,527)	0	0
71632881.....	SACRAMENTO.....	CA..	09/30/2019	SATNAM & HARPEET SINGH.....	403,750	0	0	0	0	0	0	0	0	413,258	0	9,508	9,508	0	0
0199999. Totals.....					802,161	0	0	0	0	0	0	0	0	742,141	0	(60,019)	(60,019)	0	0
0399999. Totals.....					802,161	0	0	0	0	0	0	0	0	742,141	0	(60,019)	(60,019)	0	0

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

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

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

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

**SCHEDULE D - PART 3**

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

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol/Market Indicator (a)
<b>Bonds - U.S. Government</b>									
912828 6Q 8	UNITED STATES TREASURY		07/19/2019	VARIOUS		20,488,979	20,500,000	90,857	1
912828 6Z 8	UNITED STATES TREASURY		07/16/2019	MORGAN STANLEY & CO. LLC		11,924,531	12,000,000	10,272	1
912828 7A 2	UNITED STATES TREASURY		07/24/2019	VARIOUS		21,884,935	21,980,000	19,761	1
912828 7B 0	UNITED STATES TREASURY		07/16/2019	JP Morgan Securities Inc.		16,731,352	16,850,000	13,464	1
912828 7G 9	UNITED STATES TREASURY		09/27/2019	VARIOUS		40,980,419	41,000,000	130,813	1
912828 YA 2	UNITED STATES TREASURY		09/13/2019	VARIOUS		34,191,453	34,200,000	27,807	1
912828 YB 0	UNITED STATES TREASURY		08/29/2019	VARIOUS		25,227,930	25,000,000	16,559	1
912828 YC 8	UNITED STATES TREASURY		09/16/2019	VARIOUS		15,465,016	15,500,000	5,242	1
912828 YD 6	UNITED STATES TREASURY		09/06/2019	JP Morgan Securities Inc.		2,282,750	2,300,000	956	1
91362* AA 9	THE BUREAU OF THE PUBLIC DEBT		09/30/2019	Unknown		2,437,000	2,437,000	0	1
0599999	Total - Bonds - U.S. Government					191,614,364	191,767,000	315,730	XXX
<b>Bonds - U.S. Special Revenue and Special Assessment</b>									
45506D 4D 4	INDIANA ST FIN AUTH REV		08/28/2019	PERSHING DIV OF DLJ SEC LNDING		1,200,000	1,200,000	0	2FE
647377 AP 5	NEW MEXICO ST HOSP EQUIP LN COUNCIL FIRS		07/12/2019	PERSHING DIV OF DLJ SEC LNDING		1,637,704	1,640,000	0	2FE
93978H WJ 0	WASHINGTON ST HEALTH CARE FACS AUTH REV		08/08/2019	CITIGROUP GLOBAL MARKETS INC.		1,199,400	1,000,000	0	2FE
3199999	Total - Bonds - U.S. Special Revenue and Special Assessments					4,037,104	3,840,000	0	XXX
<b>Bonds - Industrial and Miscellaneous</b>									
00130H BT 1	AES CORP		09/12/2019	Jefferies		239,406	235,000	3,851	3FE
00164V AD 5	AMC NETWORKS INC		09/12/2019	BANC OF AMERICA/FIXED INCOME		165,200	160,000	3,667	3FE
00175P AA 1	AMN HEALTHCARE INC		09/26/2019	SUNTRUST ROBINSON HUMPHREY INC.		306,063	295,000	7,517	3FE
00790X AA 9	ADVANCED DISPOSAL SERVICES INC		08/08/2019	OPPENHEIMER & CO. INC.		520,369	495,000	6,729	4FE
00914A AD 4	AIR LEASE CORP		09/09/2019	VARIOUS		4,026,047	4,055,000	0	2FE
019736 AD 9	ALLISON TRANSMISSION INC		09/25/2019	JP MORGAN SECURITIES LLC		261,056	255,000	6,233	3FE
02209S AP 8	ALTRIA GROUP INC		08/29/2019	JP MORGAN SECURITIES LLC		667,797	650,000	6,445	2FE
02377L AA 2	AAI 191 AA - ABS		08/01/2019	CITIGROUP GLOBAL MARKETS INC.		7,000,000	7,000,000	0	1FE
02378M AA 9	AAI 191 A - ABS		08/01/2019	CITIGROUP GLOBAL MARKETS INC.		4,500,000	4,500,000	0	1FE
03330A AE 2	ANCHC 3RR C - CDO	C	09/16/2019	BANC OF AMERICA/FIXED INCOME		968,750	1,000,000	5,816	1FE
036752 AJ 2	ANTHEM INC		09/04/2019	VARIOUS		3,791,660	3,795,000	0	2FE
037833 DM 9	APPLE INC		09/04/2019	GOLDMAN SACHS & CO, NY		2,993,160	3,000,000	0	1FE
037833 DN 7	APPLE INC		09/04/2019	GOLDMAN SACHS & CO, NY		9,983,100	10,000,000	0	1FE
037833 DP 2	APPLE INC		09/04/2019	GOLDMAN SACHS & CO, NY		4,980,400	5,000,000	0	1FE
05352A AA 8	AVANTOR INC		07/15/2019	VARIOUS		261,423	245,000	4,112	3FE
05352A AC 4	AVANTOR INC		09/09/2019	VARIOUS		508,928	455,000	16,789	4FE
05526D BG 9	BAT CAPITAL CORP		09/03/2019	BANK OF AMERICA SECURITIES		3,000,000	3,000,000	0	2FE
06406R AK 3	BANK OF NEW YORK MELLON CORP		08/20/2019	CITIGROUP GLOBAL MARKETS INC.		6,997,760	7,000,000	0	1FE
095796 AA 6	BLUE RACER MIDSTREAM LLC		07/09/2019	GOLDMAN		96,663	95,000	905	4FE
097023 CM 5	BOEING CO		07/29/2019	JP Morgan Securities Inc.		7,280,290	7,300,000	0	1FE
097751 BP 5	BOMBARDIER INC	C	07/11/2019	UBS SECURITIES LLC		285,350	260,000	2,781	4FE
11135F AE 1	BROADCOM INC		08/08/2019	MORGAN STANLEY CO		508,325	500,000	7,497	2FE
120111 BM 0	STANDARD INDUSTRIES INC (DELAWARE)		09/20/2019	VARIOUS		1,063,404	1,030,000	13,859	3FE
1248EP BF 9	CCO HOLDINGS LLC		07/09/2019	BANC OF AMERICA/FIXED INCOME		102,625	100,000	997	3FE
126307 AT 4	CSC HOLDINGS LLC		09/24/2019	JP MORGAN SECURITIES LLC		792,138	770,000	8,163	3FE
126307 AV 9	CSC HOLDINGS LLC		09/18/2019	Citigroup (SSB)		506,894	505,000	6,830	4FE
126307 AW 7	CSC HOLDINGS LLC		07/02/2019	Citigroup (SSB)		205,769	205,000	584	4FE

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)
126408 HQ 9	CSX CORP.....		09/03/2019.....	MORGAN STANLEY CO.....		1,992,880	2,000,000	0	2FE.....
126650 DE 7	CVS HEALTH CORP.....		08/08/2019.....	VARIOUS.....		2,999,473	3,015,000	0	2FE.....
126650 DF 4	CVS HEALTH CORP.....		08/08/2019.....	BARCLAYS CAPITAL INC.....		3,995,480	4,000,000	0	2FE.....
14042R FJ 5	CAPITAL ONE NA.....		08/29/2019.....	RBC CAPITAL MARKETS.....		350,923	348,000	1,156	2FE.....
14042R NW 7	CAPITAL ONE NA.....		09/03/2019.....	MORGAN STANLEY CO.....		684,685	685,000	0	2FE.....
146900 AM 7	CASCADES INC.....	C.....	08/07/2019.....	BARCLAYS CAPITAL INC.....		7,070	7,000	26	3FE.....
14913Q 3A 5	CATERPILLAR FINANCIAL SERVICES CORP.....		09/03/2019.....	BARCLAYS CAPITAL INC.....		2,995,830	3,000,000	0	1FE.....
15135B AD 3	CENTENE CORP.....		09/20/2019.....	VARIOUS.....		527,428	515,000	8,388	3FE.....
15135B AH 4	CENTENE ESCROW CORP.....		07/10/2019.....	VARIOUS.....		394,800	376,000	9,155	3FE.....
15135B AJ 0	CENTENE CORP.....		09/17/2019.....	VARIOUS.....		792,303	765,000	6,257	3FE.....
171798 AC 5	CIMAREX ENERGY CO.....		07/19/2019.....	MORGAN STANLEY CO.....		1,053,770	1,000,000	6,319	2FE.....
172967 LD 1	CITIGROUP INC.....		07/16/2019.....	WELLS FARGO ADVISORS LLC.....		6,810,700	6,500,000	5,615	1FE.....
20268J AB 9	COMMONSPIRIT HEALTH.....		08/07/2019.....	CITIGROUP GLOBAL MARKETS INC.....		1,000,000	1,000,000	0	2FE.....
23918K AQ 1	DAVITA HEALTHCARE PARTNERS INC.....		07/25/2019.....	VARIOUS.....		220,288	220,000	392	3FE.....
25272K AG 8	DIAMOND 1 FINANCE CORP.....		09/16/2019.....	MORGAN STANLEY CO.....		1,083,620	1,000,000	14,024	2FE.....
25272K AK 9	DIAMOND 1 FINANCE CORP.....		07/23/2019.....	BANC OF AMERICA/FIXED INCOME.....		1,101,460	1,000,000	6,689	2FE.....
25272K AW 3	DIAMOND 1 FINANCE CORP.....		07/11/2019.....	VARIOUS.....		396,250	375,000	1,979	3FE.....
25466A AQ 4	DISCOVER BANK.....		09/09/2019.....	Citigroup (SSB).....		299,874	300,000	0	2FE.....
254687 FK 7	WALT DISNEY CO.....		09/03/2019.....	JP Morgan Securities Inc.....		9,959,200	10,000,000	0	1FE.....
25470X AE 5	DISH DBS CORP.....		07/26/2019.....	CREDIT SUISSE SECURITIES (USA).....		341,250	325,000	3,595	4FE.....
26907Y AA 2	ESH HOSPITALITY INC.....		09/12/2019.....	DEUTSCHE BANK SECURITIES, INC.....		263,925	255,000	5,020	3FE.....
345397 ZR 7	FORD MOTOR CREDIT COMPANY LLC.....		07/25/2019.....	VARIOUS.....		1,018,599	1,000,000	11,938	2FE.....
345397 ZU 0	FORD MOTOR CREDIT COMPANY LLC.....		09/17/2019.....	Stifel Nicolaus & Co.....		248,998	250,000	1,117	2FE.....
345397 ZW 6	FORD MOTOR CREDIT COMPANY LLC.....		07/29/2019.....	Citigroup (SSB).....		500,000	500,000	0	2FE.....
364725 BE 0	TEGNA INC.....		09/04/2019.....	RBC CAPITAL MARKETS.....		159,263	155,000	3,870	3FE.....
366651 AB 3	GARTNER INC.....		09/25/2019.....	UBS SECURITIES LLC.....		272,531	260,000	6,383	4FE.....
37045V AS 9	GENERAL MOTORS CO.....		07/23/2019.....	BNP Paribas.....		367,388	350,000	5,542	2FE.....
37045X CD 6	GENERAL MOTORS FINANCIAL COMPANY INC.....		09/12/2019.....	CREDIT SUISSE SECURITIES (USA).....		504,645	500,000	6,271	2FE.....
38141G VR 2	GOLDMAN SACHS GROUP INC.....		07/18/2019.....	GOLDMAN.....		743,757	700,000	7,520	2FE.....
382550 BE 0	GOODYEAR TIRE & RUBBER CO.....		09/13/2019.....	BANC OF AMERICA/FIXED INCOME.....		259,781	255,000	4,429	3FE.....
40439D AE 8	HLM 1915 B - CDO.....	C.....	08/01/2019.....	BANK OF AMERICA SECURITIES.....		2,000,000	2,000,000	0	1FE.....
428040 CT 4	HERTZ CORP.....		08/07/2019.....	BARCLAYS CAPITAL INC.....		92,671	89,000	1,282	4FE.....
42824C BE 8	HEWLETT PACKARD ENTERPRISE CO.....		09/04/2019.....	JP MORGAN SECURITIES LLC.....		4,998,950	5,000,000	0	2FE.....
431475 AB 8	HILL-ROM HOLDINGS INC.....		09/25/2019.....	JP MORGAN SECURITIES LLC.....		520,625	500,000	2,917	3FE.....
45262B AA 1	IMPERIAL BRANDS FINANCE PLC.....	C.....	07/23/2019.....	BANK OF AMERICA SECURITIES.....		5,970,300	6,000,000	0	2FE.....
457030 AJ 3	INGLES MARKET INC.....		07/22/2019.....	VARIOUS.....		117,521	115,000	699	3FE.....
46284P AP 9	IRON MOUNTAIN INC.....		09/05/2019.....	BARCLAYS CAPITAL INC.....		139,794	138,000	529	4FE.....
47010D AA 8	JAGUAR HOLDING CO II.....		09/25/2019.....	VARIOUS.....		749,579	723,000	9,213	4FE.....
527298 BC 6	LEVEL 3 FINANCING INC.....		08/07/2019.....	VARIOUS.....		466,269	460,000	3,284	3FE.....
527298 BD 4	LEVEL 3 ESCROW II INC.....		08/15/2019.....	VARIOUS.....		568,531	565,000	7,574	3FE.....
53627N AC 5	LIONS GATE CAPITAL HOLDINGS LLC.....		07/09/2019.....	VARIOUS.....		210,125	200,000	5,512	4FE.....
548661 CW 5	LOWES CO INC.....		08/29/2019.....	PERSHING DIV OF DLJ SEC LNDING.....		512,640	500,000	5,980	2FE.....
55336V AY 6	MPLX LP.....		09/01/2019.....	Not Available.....		430,000	430,000	4,682	2FE.....
55336V BE 9	MPLX LP.....		09/01/2019.....	Not Available.....		175,000	175,000	2,314	2FE.....

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**SCHEDULE D - PART 3**

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

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation and Administrative Symbol/Market Indicator (a)
59523U AQ 0	MID AMERICA APARTMENTS LP.....		08/05/2019.....	WELLS FARGO SECURITIES LLC.....		1,078,270	1,000,000	16,458	2FE.....
617446 8J 1	MORGAN STANLEY.....		07/18/2019.....	MORGAN STANLEY & CO. LLC.....		10,000,000	10,000,000	0	1FE.....
61761J 3R 8	MORGAN STANLEY.....		07/17/2019.....	MORGAN STANLEY & CO. LLC.....		4,041,040	4,000,000	59,722	1FE.....
62886E AJ 7	NCR CORP.....		09/19/2019.....	Stifel Nicolaus & Co.....		263,120	260,000	2,347	4FE.....
62886E AS 7	NCR CORP.....		08/12/2019.....	VARIOUS.....		1,031,662	1,000,000	8,052	4FE.....
62886H AN 1	NCL CORPORATION LTD.....		09/17/2019.....	VARIOUS.....		319,867	315,000	3,242	3FE.....
64072T AC 9	CSC HOLDINGS LLC.....		09/24/2019.....	BANC OF AMERICA/FIXED INCOME.....		267,500	250,000	3,266	3FE.....
66977W AN 9	NOVA CHEMICALS CORP.....	C.....	07/26/2019.....	BANC OF AMERICA/FIXED INCOME.....		413,100	405,000	10,108	3FE.....
670001 AA 4	NOVELIS CORP.....		09/19/2019.....	Jefferies.....		263,125	250,000	1,649	4FE.....
674599 CP 8	OCCIDENTAL PETROLEUM CORP.....		08/30/2019.....	VARIOUS.....		5,945,004	5,940,000	1,950	2FE.....
674599 CS 2	OCCIDENTAL PETROLEUM CORP.....		09/16/2019.....	BARCLAYS CAPITAL INC.....		1,012,420	1,000,000	3,889	2FE.....
674599 CU 7	OCCIDENTAL PETROLEUM CORP.....		08/06/2019.....	CITIGROUP GLOBAL MARKETS INC.....		5,994,720	6,000,000	0	2FE.....
67591E AW 3	OCT28 28R C1R - CDO.....	C.....	09/17/2019.....	CANTOR FITZGERALD + CO.....		988,500	1,000,000	7,177	1FE.....
693475 AX 3	PNC FINANCIAL SERVICES GROUP INC.....		07/18/2019.....	MORGAN STANLEY & CO. LLC.....		4,990,450	5,000,000	0	1FE.....
693522 AG 9	PQ CORP.....		09/12/2019.....	VARIOUS.....		353,069	340,000	7,109	4FE.....
69832A AA 4	PANASONIC CORP.....	C.....	07/10/2019.....	GOLDMAN SACHS & CO, NY.....		2,500,000	2,500,000	0	1FE.....
70450Y AC 7	PAYPAL HOLDINGS INC.....		09/27/2019.....	VARIOUS.....		1,345,583	1,340,000	267	2FE.....
70450Y AD 5	PAYPAL HOLDINGS INC.....		09/19/2019.....	GOLDMAN.....		498,760	500,000	0	2FE.....
709599 BG 8	PENSKE TRUCK LEASING CO LP.....		09/10/2019.....	WELLS FARGO SECURITIES LLC.....		239,503	240,000	0	2FE.....
70959W AF 0	PENSKE AUTOMOTIVE GROUP INC.....		09/12/2019.....	VARIOUS.....		63,059	61,000	956	4FE.....
761735 AD 1	REYNOLDS GROUP LLC.....	C.....	07/31/2019.....	BARCLAYS CAPITAL INC.....		46,958	46,783	1,492	4FE.....
776743 AH 9	ROPER TECHNOLOGIES INC.....		08/19/2019.....	JP MORGAN SECURITIES LLC.....		479,112	480,000	0	2FE.....
78573N AA 0	SABRE GLBL INC.....		09/26/2019.....	Jefferies.....		261,056	255,000	6,282	3FE.....
81211K AS 9	SEALED AIR CORP.....		08/20/2019.....	GOLDMAN.....		518,125	500,000	7,313	3FE.....
829259 AR 1	SINCLAIR TELEVISION GROUP INC.....		09/26/2019.....	VARIOUS.....		159,005	154,000	1,389	4FE.....
82967N AL 2	SIRIUS XM RADIO INC.....		08/12/2019.....	BANC OF AMERICA/FIXED INCOME.....		90,669	89,000	1,018	3FE.....
84762L AS 4	SPECTRUM BRANDS INC.....		08/07/2019.....	BANC OF AMERICA/FIXED INCOME.....		47,438	46,000	423	4FE.....
852061 AS 9	SPRINT NEXTEL CORP.....	C.....	08/08/2019.....	BARCLAYS CAPITAL INC.....		253,800	240,000	3,480	4FE.....
858912 AF 5	STERICYCLE INC.....		09/05/2019.....	VARIOUS.....		187,350	181,000	1,924	3FE.....
87165B AQ 6	SYNCHRONY FINANCIAL.....		07/22/2019.....	MORGAN STANLEY CO.....		349,779	350,000	0	2FE.....
87264A AN 5	T-MOBILE USA INC.....	C.....	08/08/2019.....	VARIOUS.....		772,006	745,000	21,203	3FE.....
87952V AL 0	TELESAT CANADA.....		07/11/2019.....	PERSHING DIV OF DLJ SEC LNDING.....		282,425	260,000	3,846	4FE.....
88033G CA 6	TENET HEALTHCARE CORP.....		07/22/2019.....	BANC OF AMERICA/FIXED INCOME.....		107,100	105,000	293	3FE.....
88033G CS 7	TENET HEALTHCARE CORP.....		08/12/2019.....	CREDIT SUISSE SECURITIES (USA).....		120,065	118,000	440	3FE.....
88033G DC 1	TENET HEALTHCARE CORP.....		08/30/2019.....	VARIOUS.....		1,184,955	1,178,000	121	3FE.....
89469A AC 8	TREEHOUSE FOODS INC.....		07/30/2019.....	VARIOUS.....		218,230	210,000	5,697	4FE.....
896818 AQ 4	TRIUMPH GROUP INC.....		09/09/2019.....	JP MORGAN SECURITIES LLC.....		170,000	170,000	0	4FE.....
90932M AA 3	UAL 192 A - ABS.....		09/03/2019.....	Credit Suisse Securities (USA), LLC.....		5,000,000	5,000,000	0	1FE.....
911312 BT 2	UNITED PARCEL SERVICE INC.....		08/13/2019.....	MORGAN STANLEY & CO. LLC.....		6,993,980	7,000,000	0	1FE.....
914906 AP 7	UNIVISION COMMUNICATIONS INC.....		07/09/2019.....	GOLDMAN.....		687,150	675,000	14,681	4FE.....
91831A AB 7	VALEANT PHARMACEUTICALS INTERNATIONAL IN.....	C.....	07/02/2019.....	JP MORGAN SECURITIES LLC.....		71,050	70,000	571	4FE.....
91911K AE 2	VALEANT PHARMACEUTICALS INTERNATIONAL IN.....	C.....	07/09/2019.....	MORGAN STANLEY CO.....		252,812	250,000	4,965	4FE.....
92933B AK 0	WMG ACQUISITION CORP.....		09/23/2019.....	CREDIT SUISSE SECURITIES (USA).....		528,812	515,000	8,206	3FE.....
96949L AA 3	WILLIAMS PARTNERS LP.....		09/27/2019.....	BANC OF AMERICA/FIXED INCOME.....		1,027,990	1,000,000	1,500	2FE.....
96949L AD 7	WILLIAMS PARTNERS LP.....		09/16/2019.....	VARIOUS.....		1,435,688	1,400,000	13,495	2FE.....

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)
96950G AB 8	WILLIAMS SCOTSMAN INTERNATIONAL INC.....		09/20/2019.....	BANC OF AMERICA/FIXED INCOME.....		91,350	87,000	648	4FE.....
983793 AD 2	XPO LOGISTICS INC.....		07/08/2019.....	UBS SECURITIES LLC.....		148,081	145,000	655	3FE.....
989194 AM 7	ZAYO GROUP LLC.....		08/20/2019.....	GOLDMAN.....		469,081	455,000	10,564	4FE.....
3899999	Total - Bonds - Industrial and Miscellaneous.....					183,873,569	182,581,783	498,841	XXX.....
8399997	Total - Bonds - Part 3.....					379,525,037	378,188,783	814,571	XXX.....
8399999	Total - Bonds.....					379,525,037	378,188,783	814,571	XXX.....
<b>Preferred Stocks - Industrial and Miscellaneous</b>									
48128B AF 8	JPMORGAN CHASE & CO.....		07/24/2019.....	JP MORGAN SECURITIES LLC.....	1,640,000	1,640,000	0.00	0	P2FEV.....
8499999	Total - Preferred Stocks - Industrial and Miscellaneous.....					1,640,000	XXX	0	XXX.....
8999997	Total - Preferred Stocks - Part 3.....					1,640,000	XXX	0	XXX.....
8999999	Total - Preferred Stocks.....					1,640,000	XXX	0	XXX.....
9899999	Total - Preferred and Common Stocks.....					1,640,000	XXX	0	XXX.....
9999999	Total - Bonds, Preferred and Common Stocks.....					381,165,037	XXX	814,571	XXX.....

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

QE04.3

**SCHEDULE D - PART 4**

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	F o r e i g n	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's 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)
<b>Bonds - U.S. Government</b>																					
912828	2N 9		09/05/2019	VARIOUS.....		15,516,836	15,000,000	14,996,400	14,997,176	0	328	0	328	0	14,997,504	0	519,332	519,332	351,087	07/31/2024	1.....
912828	2P 4		09/05/2019	CITIGROUP GLOBAL MARKETS INC.		1,394,824	1,380,000	1,386,038	1,384,431	0	(832)	0	(832)	0	1,383,599	0	11,226	11,226	28,688	07/31/2022	1.....
912828	2U 3		09/05/2019	VARIOUS.....		6,135,586	6,000,000	5,899,920	5,917,131	0	9,443	0	9,443	0	5,926,574	0	209,012	209,012	114,818	08/31/2024	1.....
912828	3J 7		09/18/2019	BANK OF AMERICA SECURITIES.		6,141,094	6,000,000	5,926,406	5,936,786	0	7,230	0	7,230	0	5,944,016	0	197,078	197,078	102,766	11/30/2024	1.....
912828	5Y 2		09/06/2019	VARIOUS.....		15,280,166	15,300,000	15,298,828	0	0	171	0	171	0	15,298,999	0	(18,833)	(18,833)	205,913	01/31/2021	1.....
912828	5Z 9		08/29/2019	BANK OF AMERICA SECURITIES.		4,879,055	4,670,000	4,677,297	0	0	(748)	0	(748)	0	4,676,548	0	202,507	202,507	67,893	01/31/2024	1.....
912828	6D 7		07/16/2019	JP Morgan Securities Inc.		3,845,123	3,810,000	3,812,419	0	0	(375)	0	(375)	0	3,812,043	0	33,080	33,080	35,978	02/28/2021	1.....
912828	6G 0		09/18/2019	MORGAN STANLEY & CO. LLC.		13,615,078	13,200,000	13,168,547	0	0	3,122	0	3,122	0	13,171,669	0	443,409	443,409	173,975	02/29/2024	1.....
912828	6H 8		08/29/2019	VARIOUS.....		24,181,609	23,660,000	23,763,794	0	0	(14,310)	0	(14,310)	0	23,749,484	0	432,126	432,126	253,820	03/15/2022	1.....
912828	6Q 8		09/06/2019	Citigroup (SSB).....		31,156,542	31,200,000	31,183,177	0	0	723	0	723	0	31,183,900	0	(27,358)	(27,358)	263,625	04/30/2021	1.....
912828	6R 6		08/29/2019	BANK OF AMERICA SECURITIES.		3,368,193	3,250,000	3,277,168	0	0	(1,304)	0	(1,304)	0	3,275,864	0	92,329	92,329	24,243	04/30/2024	1.....
912828	6T 2		07/16/2019	WELLS FARGO ADVISORS LLC.		3,319,063	3,250,000	3,338,359	0	0	(609)	0	(609)	0	3,337,750	0	(18,688)	(18,688)	13,424	05/15/2029	1.....
912828	6Z 8		08/29/2019	VARIOUS.....		12,118,934	12,000,000	11,924,531	0	0	1,270	0	1,270	0	11,925,801	0	193,133	193,133	28,413	06/30/2024	1.....
912828	7A 2		08/29/2019	VARIOUS.....		21,988,163	21,980,000	21,884,935	0	0	4,344	0	4,344	0	21,889,279	0	98,884	98,884	52,008	06/30/2021	1.....
912828	7B 0		09/18/2019	VARIOUS.....		17,167,332	16,850,000	16,731,352	0	0	2,552	0	2,552	0	16,733,904	0	433,428	433,428	64,234	06/30/2026	1.....
912828	U6 5		07/16/2019	GOLDMAN SACHS & CO, NY.....		9,476,250	9,500,000	9,419,844	9,451,660	0	8,772	0	8,772	0	9,460,432	0	15,818	15,818	104,474	11/30/2021	1.....
912828	X9 6		08/14/2019	BNP Paribas.....		602,720	605,000	605,115	605,053	0	(12)	0	(12)	0	605,041	0	(2,321)	(2,321)	6,230	05/15/2020	1.....
912828	XT 2		07/16/2019	DEUTSCHE BANK SECURITIES, INC.		12,749,344	12,680,000	12,748,630	0	0	(1,390)	0	(1,390)	0	12,747,240	0	2,103	2,103	32,566	05/31/2024	1.....
912828	YA 2		09/18/2019	DEUTSCHE BANK SECURITIES, INC.		32,858,203	33,000,000	33,000,828	0	0	(418)	0	(418)	0	33,000,410	0	(142,207)	(142,207)	48,424	08/15/2022	1.....
912828	YB 0		09/18/2019	VARIOUS.....		17,841,672	17,800,000	17,964,648	0	0	(585)	0	(585)	0	17,964,063	0	(122,391)	(122,391)	23,077	08/15/2029	1.....
912828	YC 8		09/18/2019	HSBC SECURITIES (USA), INC.		15,444,902	15,500,000	15,465,016	0	0	255	0	255	0	15,465,271	0	(20,369)	(20,369)	12,775	08/31/2021	1.....
912828	YD 6		09/18/2019	BANK OF AMERICA SECURITIES.		2,250,227	2,300,000	2,282,750	0	0	58	0	58	0	2,282,808	0	(32,582)	(32,582)	1,738	08/31/2026	1.....
91362*	AA 9		09/30/2019	Unknown.....		885,000	885,000	885,000	885,000	0	0	0	0	0	885,000	0	0	0	0	12/12/2023	1.....
0599999	Total - Bonds - U.S. Government.....					272,215,916	269,820,000	269,641,001	39,177,237	0	17,684	0	17,684	0	269,717,200	0	2,498,716	2,498,716	2,010,167	XXX	XXX
<b>Bonds - U.S. Special Revenue and Special Assessment</b>																					
04052B	CN 2		05/21/2019	Call @ 100.00.....		0	0	0	0	0	0	0	0	0	0	0	0	0	675	07/01/2022	3FE.....
05921P	BK 4		09/01/2019	Maturity @ 100.00.....		350,000	350,000	367,703	356,129	0	(6,129)	0	(6,129)	0	350,000	0	0	0	14,000	09/01/2019	2FE.....
19648A	NG 6		08/21/2019	Call @ 100.00.....		1,695,000	1,695,000	1,777,580	1,695,000	0	0	0	0	0	1,695,000	0	0	0	90,400	10/01/2023	2FE.....
59447T	EA 7		09/04/2019	Call @ 100.00.....		245,000	245,000	247,734	0	0	(436)	0	(436)	0	247,298	0	(2,298)	(2,298)	5,635	10/01/2022	3FE.....
641454	AA 1		06/13/2019	Call @ 100.00.....		0	0	0	0	0	0	0	0	0	0	0	0	0	3,125	07/15/2022	3FE.....
64542R	EQ 0		08/01/2019	Call @ 100.00.....		690,000	690,000	690,035	686,226	3,788	(13)	0	3,774	0	690,000	0	0	0	37,950	08/01/2019	3FE.....
64972F	PL 4		08/20/2019	MERRILL LYNCH PIERCE FENNER & SMITH INC.		900,000	900,000	900,000	0	0	0	0	0	0	900,000	0	0	0	6,022	06/15/2035	1FE.....
3199999	Total - Bonds - U.S. Special Revenue and Special Assessments.....					3,880,000	3,880,000	3,983,052	2,737,354	3,788	(6,578)	0	(2,790)	0	3,882,298	0	(2,298)	(2,298)	157,807	XXX	XXX
<b>Bonds - Industrial and Miscellaneous</b>																					

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**SCHEDULE D - PART 4**

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's 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)	
00206R CZ 3	AT&T INC.....	09/16/2019.	VARIOUS.....		1,685,391	1,640,000	1,726,461	1,697,934	.....0	.....(19,249)	.....0	.....(19,249)	.....0	1,678,685	.....0	.....6,706	.....6,706	.....76,286	02/15/2021.	2FE.....	
007903 BC 0	ADVANCED MICRO DEVICES INC.....	09/03/2019.	Call @ 103.50.....		211,140	204,000	213,964	209,610	3,620	.....(2,588)	.....0	1,032	.....0	210,642	.....0	498	498	15,546	07/01/2024.	4FE.....	
02209S BC 6	ALTRIA GROUP INC.....	09/11/2019.	VARIOUS.....		2,685,910	2,500,000	2,510,850	.....0	.....0	.....(555)	.....0	.....(555)	.....0	2,510,295	.....0	175,615	175,615	47,231	02/14/2026.	2FE.....	
02209S BD 4	ALTRIA GROUP INC.....	09/04/2019.	Citigroup (SSB).....		407,416	360,000	367,931	.....0	.....0	.....(231)	.....0	.....(231)	.....0	367,700	.....0	39,716	39,716	9,696	02/14/2029.	2FE.....	
023765 AA 8	AMERICAN AIRLINES 2016-2 PASS THROUGH TR.....	07/01/2019.	Paydown.....		.....0	.....0	.....0	.....0	.....0	.....0	.....0	.....0	.....0	.....0	.....0	.....0	.....0	.....18	12/15/2029.	1FE.....	
023772 AB 2	AMERICAN AIRLINES INC - ABS.....	07/15/2019.	Paydown.....		57,771	57,771	58,846	.....0	.....0	.....(1,075)	.....0	.....(1,075)	.....0	57,771	.....0	.....0	.....0	1,155	01/15/2027.	1FE.....	
02406P AL 4	AMERICAN AXLE & MANUFACTURING INC.....	09/05/2019.	BARCLAYS CAPITAL INC.....		141,225	140,000	144,109	138,600	4,164	.....(1,065)	.....0	3,100	.....0	141,700	.....0	(475)	(475)	8,348	10/15/2022.	4FE.....	
025816 BP 3	AMERICAN EXPRESS CO.....	09/16/2019.	WELLS FARGO ADVISORS LLC.....		10,004,900	10,000,000	9,987,000	9,991,983	.....0	3,087	.....0	3,087	.....0	9,995,070	.....0	9,830	9,830	194,333	10/30/2020.	1FE.....	
02582J HJ 2	AMXCA 176 A - ABS.....	09/18/2019.	WELLS FARGO ADVISORS LLC.....		13,002,031	13,000,000	12,998,041	12,998,626	.....0	120	.....0	120	.....0	12,998,747	.....0	3,285	3,285	202,583	05/15/2023.	1FE.....	
02665W AZ 4	AMERICAN HONDA FINANCE CORP.....	09/13/2019.	RBC CAPITAL MARKETS.....		2,711,043	2,700,000	2,736,450	2,721,312	.....0	(8,642)	.....0	(8,642)	.....0	2,712,669	.....0	(1,626)	(1,626)	64,864	09/24/2020.	1FE.....	
03350W AA 7	ANDEAVOR LOGISTICS LP.....	09/01/2019.	Adjustment.....		430,430	430,000	430,761	430,628	.....0	(111)	.....0	(111)	.....0	430,517	.....0	(87)	(87)	12,207	12/01/2022.	2FE.....	
03350W AC 3	ANDEAVOR LOGISTICS LP.....	09/01/2019.	Adjustment.....		175,175	175,000	170,688	170,937	.....0	274	.....0	274	.....0	171,210	.....0	3,965	3,965	6,033	12/01/2027.	2FE.....	
03523T BP 2	ANHEUSER-BUSCH INBEV WORLDWIDE INC.....	09/16/2019.	PERSHING DIV OF DLJ SEC LNDING.....		655,499	650,000	643,955	.....0	.....0	666	.....0	666	.....0	644,621	.....0	10,878	10,878	10,969	07/15/2022.	2FE.....	
037833 DC 1	APPLE INC.....	09/06/2019.	JP Morgan Securities Inc.....		7,266,600	7,200,000	7,138,728	7,153,720	.....0	8,323	.....0	8,323	.....0	7,162,043	.....0	104,557	104,557	150,360	09/12/2022.	1FE.....	
037833 DN 7	APPLE INC.....	09/06/2019.	JP Morgan Securities Inc.....		1,987,200	2,000,000	1,996,620	.....0	.....0	.....0	.....0	.....0	.....0	1,996,620	.....0	(9,420)	(9,420)	.....0	09/11/2026.	1FE.....	
06406R AK 3	BANK OF NEW YORK MELLON CORP.....	09/13/2019.	MITSUBISHI UFJ SECURITIES (USA), INC.....		6,954,040	7,000,000	6,997,760	.....0	.....0	49	.....0	49	.....0	6,997,809	.....0	(43,769)	(43,769)	8,992	08/23/2022.	1FE.....	
12505F AB 7	OUTFRONT MEDIA CAPITAL LLC.....	07/15/2019.	Call @ 101.31.....		506,565	500,000	505,575	497,500	7,505	.....(2,144)	.....0	5,361	.....0	502,861	.....0	3,704	3,704	17,500	02/15/2022.	4FE.....	
14042R BT 7	CAPITAL ONE NA.....	09/16/2019.	BANC OF AMERICA/FIXED INCOME.....		257,154	258,000	248,795	250,705	.....0	1,856	.....0	1,856	.....0	252,561	.....0	4,593	4,593	5,886	09/13/2021.	2FE.....	
14913Q 2G 3	CATERPILLAR FINANCIAL SERVICES CORP.....	07/24/2019.	Cantor Fitzgerald.....		9,100,658	9,000,000	8,995,140	8,996,394	.....0	898	.....0	898	.....0	8,997,291	.....0	103,367	103,367	224,996	03/15/2021.	1FE.....	
156700 AN 6	CENTURYTEL INC.....	09/15/2019.	Maturity @ 100.00.....		250,000	250,000	256,870	253,193	1,096	.....(4,288)	.....0	(3,193)	.....0	250,000	.....0	.....0	.....0	15,375	09/15/2019.	4FE.....	
15723R AA 2	CFX ESCROW CORP.....	07/12/2019.	JP MORGAN SECURITIES LLC.....		95,288	90,000	90,000	.....0	.....0	.....0	.....0	.....0	.....0	90,000	.....0	5,288	5,288	2,415	02/15/2024.	3FE.....	
161175 AX 2	CHARTER COMMUNICATIONS INC.....	08/07/2019.	PERSHING DIV OF DLJ SEC LNDING.....		1,209,708	1,200,000	1,220,500	1,212,666	.....0	(5,105)	.....0	(5,105)	.....0	1,207,561	.....0	2,147	2,147	44,738	07/23/2020.	2FE.....	
161175 AY 0	CHARTER COMMUNICATIONS INC.....	07/08/2019.	JP MORGAN SECURITIES LLC.....		539,970	500,000	526,492	.....0	.....0	(858)	.....0	(858)	.....0	525,633	.....0	14,337	14,337	11,384	07/23/2025.	2FE.....	
171798 AC 5	CIMAREX ENERGY CO.....	08/07/2019.	MITSUBISHI UFJ SECURITIES.....		1,054,960	1,000,000	1,053,770	.....0	.....0	(499)	.....0	(499)	.....0	1,053,271	.....0	1,689	1,689	8,264	06/01/2024.	2FE.....	
17275R BJ 0	CISCO SYSTEMS INC.....	09/16/2019.	BANK OF AMERICA SECURITIES.....		4,482,495	4,500,000	4,453,515	4,467,860	.....0	8,222	.....0	8,222	.....0	4,476,082	.....0	6,413	6,413	82,788	09/20/2021.	1FE.....	
17325F AJ 7	CITIBANK NA.....	07/16/2019.	CITIGROUP GLOBAL MARKETS INC.....		19,945,400	20,000,000	19,993,000	19,995,749	.....0	1,265	.....0	1,265	.....0	19,997,015	.....0	(51,615)	(51,615)	316,389	10/20/2020.	1FE.....	
191216 AV 2	COCA-COLA CO.....	09/13/2019.	JP Morgan Securities Inc.....		921,483	900,000	937,611	914,574	.....0	(3,768)	.....0	(3,768)	.....0	910,806	.....0	10,677	10,677	31,020	09/01/2021.	1FE.....	
191216 CF 5	COCA-COLA CO.....	09/13/2019.	DEUTSCHE BANK SECURITIES, INC.....		2,708,829	2,700,000	2,709,990	2,707,407	.....0	(1,505)	.....0	(1,505)	.....0	2,705,901	.....0	2,928	2,928	48,180	05/25/2022.	1FE.....	
203372 AL 1	COMMScope INC.....	08/08/2019.	Call @ 100.00.....		230,000	230,000	230,863	227,700	2,748	.....(448)	.....0	2,300	.....0	230,000	.....0	.....0	.....0	6,185	06/15/2021.	4FE.....	
212015 AL 5	CONTINENTAL RESOURCES INC.....	07/19/2019.	MORGAN STANLEY CO.....		1,045,710	1,000,000	1,033,750	.....0	.....0	(1,414)	.....0	(1,414)	.....0	1,032,336	.....0	13,374	13,374	12,250	04/15/2023.	2FE.....	
233331 BB 2	DTE ENERGY CO.....	09/05/2019.	US BANCORP INVESTMENTS INC.....		75,635	75,000	74,916	.....0	.....0	7	.....0	7	.....0	74,923	.....0	712	712	466	06/15/2022.	2FE.....	

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**SCHEDULE D - PART 4**

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	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)
233331 BC 0	DTE ENERGY CO.....		07/23/2019.	BARCLAYS CAPITAL INC.....		830,876	816,000	813,046	0	0	29	0	29	0	813,075	0	17,801	17,801	3,237	06/15/2029.	2FE.....
23918K AP 3	DAVITA INC.....		09/13/2019.	Call @ 100.96.....		1,494,178	1,480,000	1,512,515	1,472,600	30,538	(10,063)	0	20,474	0	1,493,074	0	1,104	1,104	91,719	08/15/2022.	3FE.....
25272K AK 9	DIAMOND 1 FINANCE CORP.....		09/04/2019.	MORGAN STANLEY CO.....		564,244	500,000	550,730	0	0	(753)	0	(753)	0	549,977	0	14,267	14,267	6,694	06/15/2026.	2FE.....
25470X AB 1	DISH DBS CORP.....		08/15/2019.	JP MORGAN SECURITIES LLC.....		1,001,500	1,000,000	1,040,000	1,020,300	3,617	(22,636)	0	(19,019)	0	1,001,281	0	219	219	76,125	09/01/2019.	4FE.....
26817R AP 3	VISTRA ENERGY.....		07/08/2019.	Call @ 100.00.....		262,000	262,000	277,648	253,200	237	(3,006)	0	(2,770)	0	273,888	0	(11,888)	(11,888)	13,282	11/01/2024.	3FE.....
30162R AA 9	EXELA INTERMEDIATE LLC.....		08/28/2019.	VARIOUS.....		153,330	248,000	253,435	0	0	(375)	0	(375)	0	253,060	0	(99,730)	(99,730)	15,196	07/15/2023.	5FE.....
30219G AR 9	EXPRESS SCRIPTS HOLDING CO.....		09/16/2019.	VARIOUS.....		2,404,560	2,400,000	2,399,448	2,399,643	0	131	0	131	0	2,399,774	0	4,786	4,786	49,920	11/30/2020.	2FE.....
31677Q BK 4	FIFTH THIRD BANK (OHIO).....		09/16/2019.	MORGAN STANLEY & CO. LLC.....		4,997,900	5,000,000	4,998,100	4,998,828	0	451	0	451	0	4,999,280	0	(1,380)	(1,380)	97,167	10/30/2020.	1FE.....
32008D AB 2	FIRST DATA CORP.....		08/05/2019.	Call @ 102.88.....		1,280,794	1,245,000	1,280,313	195,318	6,158	(10,037)	0	(3,879)	0	1,270,252	0	10,542	10,542	45,123	01/15/2024.	4FE.....
337738 AL 2	FISERV INC.....		09/16/2019.	BANC OF AMERICA/FIXED INCOME.....		1,040,970	1,000,000	1,039,360	0	0	(6,235)	0	(6,235)	0	1,033,125	0	7,845	7,845	36,021	06/15/2021.	2FE.....
345397 ZR 7	FORD MOTOR CREDIT COMPANY LLC.....		09/03/2019.	MERRILL LYNCH PIERCE FENNER & SMITH INC.....		1,025,145	1,000,000	1,018,599	0	0	(59)	0	(59)	0	1,018,540	0	6,605	6,605	14,238	05/03/2029.	2FE.....
345397 ZW 6	FORD MOTOR CREDIT COMPANY LLC.....		09/03/2019.	MERRILL LYNCH PIERCE FENNER & SMITH INC.....		509,685	500,000	500,000	0	0	0	0	0	0	500,000	0	9,685	9,685	2,145	08/01/2026.	2FE.....
35671D CB 9	FREEMPORT-MCMORAN INC.....		09/03/2019.	VARIOUS.....		379,670	360,000	383,481	371,250	9,520	(4,989)	0	4,531	0	375,781	0	(15,781)	(15,781)	45,658	02/15/2023.	3FE.....
36155W AH 9	GCI INC.....		07/08/2019.	Call @ 100.00.....		750,000	750,000	755,625	752,648	1,705	(4,353)	0	(2,648)	0	750,000	0	0	0	30,234	06/01/2021.	4FE.....
36159R AK 9	GEO GROUP INC.....		09/06/2019.	VARIOUS.....		354,266	365,000	372,300	355,437	15,072	(3,489)	0	11,583	0	367,020	0	(12,754)	(12,754)	24,166	01/15/2022.	4FE.....
361841 AD 1	GLP CAPITAL LP.....		08/20/2019.	Not Available.....		767,528	750,000	760,313	758,125	0	(3,311)	0	(3,311)	0	754,814	0	12,714	12,714	30,367	11/01/2020.	2FE.....
364725 BA 8	TEGNA INC.....		09/20/2019.	Call @ 100.00.....		810,000	810,000	818,100	809,166	5,383	(4,548)	0	834	0	810,000	0	0	0	41,513	07/15/2020.	3FE.....
380881 DX 7	GCCT 172A A - ABS.....	A	09/12/2019.	WELLS FARGO ADVISORS LLC.....		3,994,844	4,000,000	3,999,450	3,999,781	0	23	0	23	0	3,999,804	0	(4,960)	(4,960)	59,620	04/15/2022.	1FE.....
38141G VR 2	GOLDMAN SACHS GROUP INC.....		08/29/2019.	MERRILL LYNCH PIERCE FENNER & SMITH INC.....		755,713	700,000	743,757	0	0	(731)	0	(731)	0	743,026	0	12,687	12,687	10,908	10/21/2025.	2FE.....
398433 AH 5	GRIFFON CORP.....		08/01/2019.	Jefferies.....		85,000	85,000	82,866	76,925	6,183	318	0	6,502	0	83,427	0	1,573	1,573	4,091	03/01/2022.	4FE.....
404121 AC 9	HCA INC.....		07/05/2019.	Call @ 100.00.....		350,000	350,000	365,050	358,750	2,082	(4,861)	0	(2,780)	0	355,970	0	(5,970)	(5,970)	28,411	02/15/2020.	2FE.....
42806L AA 9	HERC SPINOFF ESCROW ISSUER LLC.....		07/09/2019.	Call @ 103.75.....		664,000	640,000	677,600	668,800	1,649	(7,678)	0	(6,029)	0	662,771	0	1,229	1,229	29,067	06/01/2022.	4FE.....
44932H AG 8	IBM CREDIT LLC.....		09/09/2019.	OPPENHEIMER & CO. INC.....		2,269,845	2,250,000	2,248,898	2,249,220	0	254	0	254	0	2,249,474	0	20,371	20,371	65,588	02/05/2021.	1FE.....
46625H JT 8	JPMORGAN CHASE & CO.....		07/18/2019.	JP Morgan Securities Inc.....		1,432,755	1,350,000	1,373,760	1,363,434	0	(1,352)	0	(1,352)	0	1,362,082	0	70,673	70,673	51,005	02/01/2024.	1FE.....
48125L RK 0	JPMORGAN CHASE BANK NA.....		07/19/2019.	WELLS FARGO ADVISORS LLC.....		10,011,000	10,000,000	10,000,000	10,000,000	0	0	0	0	0	10,000,000	0	11,000	11,000	254,613	02/01/2021.	1FE.....
501044 CX 7	THE KROGER CO.....		07/26/2019.	PERSHING DIV OF DLJ SEC LNDING.....		1,011,280	1,000,000	1,007,390	0	0	(850)	0	(850)	0	1,006,540	0	4,740	4,740	17,875	01/15/2021.	2FE.....
501044 CY 5	THE KROGER CO.....		09/10/2019.	US BANCORP INVESTMENTS INC.....		532,585	500,000	519,230	0	0	(1,206)	0	(1,206)	0	518,024	0	14,561	14,561	12,278	02/01/2024.	2FE.....
501044 DE 8	KROGER CO.....		09/10/2019.	BARCLAYS CAPITAL INC.....		172,753	175,000	161,910	163,119	0	930	0	930	0	164,048	0	8,705	8,705	4,212	10/15/2026.	2FE.....
50184N AP 7	LCM 15R CR - CDO.....		09/05/2019.	CREDIT SUISSE SECURITIES (USA).....		1,468,500	1,500,000	1,513,290	1,520,121	0	(1,221)	0	(1,221)	0	1,518,900	0	(50,400)	(50,400)	66,495	07/22/2030.	1FE.....
527298 AY 9	LEVEL 3 FINANCING INC.....		07/30/2019.	Call @ 100.00.....		419,000	419,000	423,366	419,000	0	0	0	0	0	419,000	0	0	0	18,628	01/15/2021.	3FE.....
539830 BE 8	LOCKHEED MARTIN CORP.....		07/23/2019.	PERSHING DIV OF DLJ SEC LNDING.....		1,027,620	1,000,000	1,008,470	0	0	(197)	0	(197)	0	1,008,273	0	19,347	19,347	11,600	03/01/2025.	2FE.....
539830 BH 1	LOCKHEED MARTIN CORP.....		07/23/2019.	Citigroup (SSB).....		692,120	650,000	684,002	0	0	(589)	0	(589)	0	683,413	0	8,707	8,707	12,178	01/15/2026.	2FE.....
58772Q AD 8	MBALT 18A A3 - ABS.....		09/18/2019.	VARIOUS.....		9,002,677	9,000,000	8,999,257	8,999,643	0	257	0	257	0	8,999,899	0	2,777	2,777	164,450	02/16/2021.	1FE.....

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**SCHEDULE D - PART 4**

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	F o r e i g n	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol/Market Indicator (a)
59565X AB 6	MIDCONTINENT COMMUNICATIONS INVESTOR LLC		08/15/2019	Call @ 103.44		822,332	795,000	837,206	772,838	11,057	(8,644)	0	2,413	0	822,332	0	0	0	53,109	08/15/2023	4FE
637417 AL 0	NATIONAL RETAIL PROPERTIES INC		09/03/2019	MERRILL LYNCH PIERCE FENNER & SMITH INC.		1,124,680	1,000,000	1,037,182	248,261	0	(976)	0	(976)	0	1,036,247	0	88,433	88,433	22,635	10/15/2028	2FE
63860U AK 6	NATIONSTAR MORTGAGE LLC		09/12/2019	Call @ 100.00		190,000	190,000	191,187	185,250	4,750	0	0	4,750	0	190,000	0	0	0	12,350	07/01/2021	4FE
69353R ES 3	PNC BANK NA		09/13/2019	MITSUBISHI UFJ SECURITIES (USA), INC.		1,756,807	1,750,000	1,748,775	1,749,607	0	178	0	178	0	1,749,785	0	7,022	7,022	52,578	07/21/2020	1FE
713448 BN 7	PEPSICO INC		09/30/2019	VARIOUS		1,007,121	1,000,000	1,174,460	1,025,748	0	(18,496)	0	(18,496)	0	1,007,251	0	(7,251)	(7,251)	61,496	01/15/2020	1FE
718172 CC 1	PHILIP MORRIS INTERNATIONAL INC		09/12/2019	WELLS FARGO ADVISORS LLC		5,097,501	5,100,000	5,089,953	5,095,771	0	3,590	0	3,590	0	5,099,362	0	(1,861)	(1,861)	83,672	11/01/2019	1FE
74456Q BJ 4	PUBLIC SERVICE ELECTRIC AND GAS CO		08/15/2019	Maturity @ 100.00		480,000	480,000	479,021	479,874	0	126	0	126	0	480,000	0	0	0	9,600	08/15/2019	1FE
749571 AB 1	RHP HOTEL PROPERTIES LP		09/13/2019	Not Available		501,250	500,000	504,375	496,250	5,499	(1,749)	0	3,750	0	500,000	0	1,250	1,250	23,194	04/15/2021	4FE
776743 AH 9	ROPER TECHNOLOGIES INC		08/30/2019	BANC OF AMERICA/FIXED INCOME		481,877	480,000	479,112	0	0	4	0	4	0	479,116	0	2,761	2,761	251	09/15/2024	2FE
785592 AD 8	SABINE PASS LIQUEFACTION LLC		09/27/2019	PERSHING DIV OF DLJ SEC LNDING		157,476	145,000	154,831	153,492	0	(1,463)	0	(1,463)	0	152,029	0	5,447	5,447	7,816	04/15/2023	2FE
785592 AM 8	SABINE PASS LIQUEFACTION LLC		08/21/2019	MORGAN STANLEY CO		1,016,556	910,000	994,490	173,130	0	(3,914)	0	(3,914)	0	988,809	0	27,746	27,746	28,441	03/01/2025	2FE
785592 AV 8	SABINE PASS LIQUEFACTION LLC		07/23/2019	MORGAN STANLEY CO		142,156	125,000	135,659	0	0	(619)	0	(619)	0	135,040	0	7,116	7,116	4,153	06/30/2026	2FE
78572X AE 1	SABRA HEALTH CARE LP		07/01/2019	Call @ 101.38		1,013,750	1,000,000	1,018,750	1,014,536	0	(6,426)	0	(6,426)	0	1,008,110	0	5,640	5,640	50,111	02/01/2021	2FE
817565 BW 3	SERVICE CORP INTERNATIONAL		09/16/2019	Call @ 100.00		1,450,000	1,450,000	1,453,870	1,439,125	10,875	0	0	10,875	0	1,450,000	0	0	0	54,556	11/15/2020	3FE
827048 AR 0	SILGAN HOLDINGS INC		09/01/2019	Call @ 100.00		750,000	750,000	761,250	750,000	6,068	(6,068)	0	0	0	750,000	0	0	0	41,250	02/01/2022	3FE
829259 AM 2	SINCLAIR TELEVISION GROUP INC		08/09/2019	Citigroup (SSB)		500,000	500,000	501,250	0	0	(1,250)	0	(1,250)	0	500,000	0	0	0	23,217	04/01/2021	4FE
82967N AS 7	SIRIUS XM RADIO INC		07/18/2019	Call @ 103.00		602,550	585,000	608,896	0	0	(6,393)	0	(6,393)	0	602,503	0	47	47	17,843	07/15/2024	3FE
83404R AA 6	SOFI 18B A1F - ABS		09/25/2019	Paydown		1,190,981	1,190,981	1,188,482	1,188,441	0	2,540	0	2,540	0	1,190,981	0	0	0	20,896	08/25/2047	1FE
84762L AQ 8	SPECTRUM BRANDS ESCROW CORP		09/16/2019	Not Available		335,692	330,000	340,546	298,688	2,410	(2,873)	0	(463)	0	334,184	0	1,509	1,509	26,417	11/15/2022	4FE
85172F AP 4	SPRINGLEAF FINANCE CORP		08/12/2019	VARIOUS		419,640	393,000	393,000	0	0	0	0	0	0	393,000	0	26,640	26,640	11,455	03/15/2024	3FE
855244 AN 9	STARBUCKS CORP		09/16/2019	MORGAN STANLEY & CO. LLC		796,212	775,000	774,752	774,903	0	16	0	16	0	774,919	0	21,293	21,293	25,160	03/01/2023	2FE
87165B AQ 6	SYNCHRONY FINANCIAL		08/08/2019	BANC OF AMERICA/FIXED INCOME		352,716	350,000	349,779	0	0	3	0	3	0	349,783	0	2,933	2,933	471	07/25/2022	2FE
88033G BY 5	TENET HEALTHCARE CORP		09/11/2019	VARIOUS		1,854,688	1,791,000	1,782,557	1,701,875	40,907	2,062	0	42,970	0	1,786,152	0	4,848	4,848	139,805	04/01/2021	3FE
88033G CA 6	TENET HEALTHCARE CORP		09/11/2019	VARIOUS		321,275	307,000	310,409	0	0	(385)	0	(385)	0	310,024	0	(3,024)	(3,024)	21,306	10/01/2021	3FE
88033G CS 7	TENET HEALTHCARE CORP		08/30/2019	PERSHING DIV OF DLJ SEC LNDING		121,542	118,000	120,065	0	0	(21)	0	(21)	0	120,044	0	1,499	1,499	743	07/15/2024	3FE
89236T DU 6	TOYOTA MOTOR CREDIT CORP		09/12/2019	RBC CAPITAL MARKETS		7,248,840	7,250,000	7,255,437	7,252,799	0	(1,523)	0	(1,523)	0	7,251,276	0	(2,436)	(2,436)	129,201	04/17/2020	1FE
896047 AH 0	TRIBUNE MEDIA CO		09/19/2019	Call @ 101.47		979,176	965,000	974,639	968,459	5,920	(3,141)	0	2,779	0	971,238	0	7,938	7,938	66,773	07/15/2022	4FE
896818 AQ 4	TRIUMPH GROUP INC		09/18/2019	UBS SECURITIES LLC		5,194	5,000	5,000	0	0	0	0	0	0	5,000	0	194	194	0	09/15/2024	4FE
90931L AA 6	UNITED AIRLINES INC - ABS		08/01/2019	Paydown		92,336	92,336	92,336	92,336	0	0	0	0	0	92,336	0	0	0	2,862	01/07/2030	1FE
90932Q AA 4	UNITED AIRLINES INC - ABS		09/03/2019	Paydown		194,890	194,890	192,298	0	0	2,592	0	2,592	0	194,890	0	(0)	(0)	7,308	03/03/2028	1FE
913017 CH 0	UNITED TECHNOLOGIES CORP		09/26/2019	PERSHING DIV OF DLJ SEC LNDING		1,025,990	1,000,000	963,170	0	0	1,711	0	1,711	0	964,881	0	61,109	61,109	10,968	11/01/2026	2FE
913017 CQ 0	UNITED TECHNOLOGIES CORP		09/20/2019	US BANCORP INVESTMENTS INC		1,005,540	1,000,000	985,570	0	0	1,706	0	1,706	0	987,276	0	18,264	18,264	8,944	05/04/2022	2FE

QE05.3

**SCHEDULE D - PART 4**

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	For ei 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 Maturity Date	NAIC Designation and Admini- strative Symbol/ Market Indicator (a)
913017 CY 3	UNITED TECHNOLOGIES CORP.....		09/13/2019	MERRILL LYNCH PIERCE FENNER & SMITH INC.		1,116,590	1,000,000	1,044,530	0	0	(1,443)	0	(1,443)	0	1,043,087	0	73,503	73,503	34,490	11/16/2028	2FE.....
91831A AB 7	VALEANT PHARMACEUTICALS INTERNATIONAL IN	C	09/09/2019	Call @ 101.47.....		32,470	32,000	32,360	0	0	(137)	0	(137)	0	32,223	0	247	247	2,291	05/15/2023	4FE.....
941063 AQ 2	WASTE MANAGEMENT INC.....		09/16/2019	WELLS FARGO ADVISORS LLC...		925,569	900,000	992,601	928,907	0	(10,525)	0	(10,525)	0	918,382	0	7,187	7,187	43,355	03/01/2021	2FE.....
96926J AA 5	WILLIAM CARTER CO.....		07/01/2019	Call @ 100.00.....		0	0	0	0	0	0	0	0	0	0	0	(3,283)	(3,283)	3,283	08/15/2021	3FE.....
98932K AA 0	ZEKELMAN INDUSTRIES INC.....		09/19/2019	VARIOUS.....		239,259	228,000	249,660	239,970	4,567	(6,316)	0	(1,749)	0	238,221	0	(10,221)	(10,221)	18,213	06/15/2023	4FE.....
3899999	Total - Bonds - Industrial and Miscellaneous.....					178,668,618	177,046,978	178,251,717	145,272,662	193,331	(186,762)	0	6,568	0	177,728,411	0	820,911	820,911	4,190,491	XXX	XXX
<b>Bonds - SVO Identified Funds</b>																					
464288 64 6	ISHARES:SHT-TRM CORP BD.....		09/17/2019	BARCLAYS CAPITAL INC.....		1,407,657,000	75,181,404	74,864,381	0	0	0	0	0	0	74,864,381	0	317,023	317,023	575,771		2.....
8199999	Total - Bonds - SVO Identified Funds.....					75,181,404	74,864,381	74,864,381	0	0	0	0	0	0	74,864,381	0	317,023	317,023	575,771	XXX	XXX
8399997	Total - Bonds - Part 4.....					529,945,938	450,746,978	526,740,151	187,187,253	197,119	(175,656)	0	21,463	0	526,192,291	0	3,634,351	3,634,351	6,934,236	XXX	XXX
8399999	Total - Bonds.....					529,945,938	450,746,978	526,740,151	187,187,253	197,119	(175,656)	0	21,463	0	526,192,291	0	3,634,351	3,634,351	6,934,236	XXX	XXX
9999999	Total - Bonds, Preferred and Common Stocks.....					529,945,938	XXX	526,740,151	187,187,253	197,119	(175,656)	0	21,463	0	526,192,291	0	3,634,351	3,634,351	6,934,236	XXX	XXX

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

QE05.4

**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 September 30, 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 or 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	
<b>Open Depositories</b>								
Bank of America..... Concord, CA.....		.....0.000	.....0	.....0	.....5,742,316	.....4,240,602	.....9,506,283	XXX
Bank of New York Mellon..... New York, NY.....		.....0.000	.....0	.....0	.....38	.....17	.....1,015,748	XXX
0199999. Total Open Depositories.....	XXX	XXX	.....0	.....0	.....5,742,354	.....4,240,619	.....10,522,031	XXX
0399999. Total Cash on Deposit.....	XXX	XXX	.....0	.....0	.....5,742,354	.....4,240,619	.....10,522,031	XXX
0599999. Total Cash.....	XXX	XXX	.....0	.....0	.....5,742,354	.....4,240,619	.....10,522,031	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
<b>Exempt Money Market Mutual Funds as Identified by the SVO</b>										
31846V	41	9	FIRST AMER:TRS OBG V.....	SD.....	09/03/2019.....	1.670		0	0	0
94975H	29	6	WELLS FRGO TREASURY PLUS CL I MMF.....	SD.....	06/04/2019.....	1.730		0	0	0
8599999. Total - Exempt Money Market Mutual Funds as Identified by the SVO.....								0	0	0
<b>All Other Money Market Mutual Funds</b>										
262006	20	8	DREYFUS GVT CSH MGT INST.....		09/30/2019.....	1.790		5,174,503	77,091	433
31846V	10	4	FIRST AMER:INS PRM OBL Y.....	SD.....	12/04/2018.....	1.670		0	0	0
8699999. Total - All Other Money Market Mutual Funds.....								5,174,503	77,091	433
8899999. Total - Cash Equivalents.....								5,174,503	77,091	433

QE13