



# QUARTERLY STATEMENT

As of September 30, 2019  
of the Condition and Affairs of the

## ARCH MORTGAGE GUARANTY COMPANY

NAIC Group Code.....1279, 1279 (Current Period) (Prior Period)	NAIC Company Code..... 18732	Employer's ID Number..... 39-1080973
Organized under the Laws of WI	State of Domicile or Port of Entry WI	Country of Domicile US
Incorporated/Organized..... December 21, 1966	Commenced Business..... May 1, 1967	
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
	1	2	3	December 31 Prior Year Net Admitted Assets
	Assets	Nonadmitted Assets	Net Admitted Assets (Cols. 1 - 2)	
1. Bonds.....	47,760,276	0	47,760,276	44,937,058
2. Stocks:				
2.1 Preferred stocks.....	0	0	0	0
2.2 Common stocks.....	0	0	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 (\$.....819,357), cash equivalents (\$.....332,630) and short-term investments (\$.....0).....	1,151,987	0	1,151,987	4,368,647
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.....	0	0	0	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).....	48,912,263	0	48,912,263	49,305,705
13. Title plants less \$.....0 charged off (for Title insurers only).....	0	0	0	0
14. Investment income due and accrued.....	276,874	0	276,874	277,053
15. Premiums and considerations:				
15.1 Uncollected premiums and agents' balances in the course of collection.....	130,581	0	130,581	81,191
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.....	0	0	0	0
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	169,235
18.2 Net deferred tax asset.....	0	0	0	0
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.....	1,895	0	1,895	0
24. Health care (\$.....0) and other amounts receivable.....	0	0	0	0
25. Aggregate write-ins for other than invested assets.....	5,709,821	5,635,000	74,821	65,839
26. Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 through 25).....	55,031,434	5,635,000	49,396,434	49,899,023
27. From Separate Accounts, Segregated Accounts and Protected Cell Accounts.....	0	0	0	0
28. Total (Lines 26 and 27).....	55,031,434	5,635,000	49,396,434	49,899,023

### 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. Statutory deposit in Guam.....	60,000	0	60,000	60,000
2502. Licenses purchased.....	5,635,000	5,635,000	0	0
2503. Other receivables.....	14,821	0	14,821	5,839
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).....	5,709,821	5,635,000	74,821	65,839

## ARCH MORTGAGE GUARANTY COMPANY LIABILITIES, SURPLUS AND OTHER FUNDS

	1 Current Statement Date	2 December 31 Prior Year
1. Losses (current accident year \$.....6,908).....	7,366	69,538
2. Reinsurance payable on paid losses and loss adjustment expenses.....	0	0
3. Loss adjustment expenses.....	3,000	3,000
4. Commissions payable, contingent commissions and other similar charges.....	0	0
5. Other expenses (excluding taxes, licenses and fees).....	144,876	102,987
6. Taxes, licenses and fees (excluding federal and foreign income taxes).....	16,700	15,337
7.1 Current federal and foreign income taxes (including \$....(19,272) on realized capital gains (losses)).....	22,293	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 \$....704,072 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).....	76,365	71,830
10. Advance premium.....	1,866	1,340
11. Dividends declared and unpaid:		
11.1 Stockholders.....	0	0
11.2 Policyholders.....	0	0
12. Ceded reinsurance premiums payable (net of ceding commissions).....	340,573	236,905
13. Funds held by company under reinsurance treaties.....	0	0
14. Amounts withheld or retained by company for account of others.....	0	0
15. Remittances and items not allocated.....	11,442	1,520
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.....	636,018	493,271
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.....	1,278,762	1,206,107
26. Total liabilities excluding protected cell liabilities (Lines 1 through 25).....	2,539,261	2,201,835
27. Protected cell liabilities.....	0	0
28. Total liabilities (Lines 26 and 27).....	2,539,261	2,201,835
29. Aggregate write-ins for special surplus funds.....	0	0
30. Common capital stock.....	3,000,000	3,000,000
31. Preferred capital stock.....	0	0
32. Aggregate write-ins for other than special surplus funds.....	0	0
33. Surplus notes.....	7,500,000	7,500,000
34. Gross paid in and contributed surplus.....	79,845,107	79,845,107
35. Unassigned funds (surplus).....	(43,487,934)	(42,647,919)
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).....	46,857,173	47,697,188
38. Totals (Page 2, Line 28, Col. 3).....	49,396,434	49,899,023

### DETAILS OF WRITE-INS

2501. Contingency reserve.....	1,278,664	1,205,681
2502. Premium refund reserve.....	98	426
2503. ....	0	0
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).....	1,278,762	1,206,107
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

# ARCH MORTGAGE GUARANTY 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 \$.....1,836,704).....	1,786,628	1,438,691	1,972,681
1.2 Assumed..... (written \$.....0).....	0	0	0
1.3 Ceded..... (written \$.....1,670,768).....	1,625,226	1,280,643	1,767,428
1.4 Net..... (written \$.....165,936).....	161,402	158,049	205,253
DEDUCTIONS:			
2. Losses incurred (current accident year \$.....6,908):			
2.1 Direct.....	(27,624)	41,509	165,508
2.2 Assumed.....	0	0	0
2.3 Ceded.....	24,739	64,949	128,805
2.4 Net.....	(52,363)	(23,440)	36,702
3. Loss adjustment expenses incurred.....	2,250	2,250	3,000
4. Other underwriting expenses incurred.....	1,751,883	1,788,966	2,169,965
5. Aggregate write-ins for underwriting deductions.....	72,983	62,384	80,439
6. Total underwriting deductions (Lines 2 through 5).....	1,774,753	1,830,159	2,290,106
7. Net income of protected cells.....	0	0	0
8. Net underwriting gain (loss) (Line 1 minus Line 6 + Line 7).....	(1,613,351)	(1,672,111)	(2,084,853)
<b>INVESTMENT INCOME</b>			
9. Net investment income earned.....	662,634	555,580	293,938
10. Net realized capital gains (losses) less capital gains tax of \$.....(19,272).....	(72,498)	(93,669)	(93,669)
11. Net investment gain (loss) (Lines 9 + 10).....	590,136	461,911	200,269
<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).....	(1,023,215)	(1,210,200)	(1,884,585)
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).....	(1,023,215)	(1,210,200)	(1,884,585)
19. Federal and foreign income taxes incurred.....	(183,201)	(236,918)	(404,137)
20. Net income (Line 18 minus Line 19) (to Line 22).....	(840,014)	(973,282)	(1,480,448)
<b>CAPITAL AND SURPLUS ACCOUNT</b>			
21. Surplus as regards policyholders, December 31 prior year.....	47,697,187	49,177,635	49,177,635
22. Net income (from Line 20).....	(840,014)	(973,282)	(1,480,448)
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 \$.....0.....	0	0	0
25. Change in net unrealized foreign exchange capital gain (loss).....	0	0	0
26. Change in net deferred income tax.....	0	0	0
27. Change in nonadmitted assets.....	0	0	0
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.....	0	0	0
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).....	(840,014)	(973,282)	(1,480,448)
39. Surplus as regards policyholders, as of statement date (Lines 21 plus 38).....	46,857,173	48,204,353	47,697,187

### DETAILS OF WRITE-INS

0501. Increase of contingency reserve.....	80,701	79,024	102,626
0502. Release of contingency reserve.....	(7,718)	(16,640)	(22,187)
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).....	72,983	62,384	80,439
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

# ARCH MORTGAGE GUARANTY 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.....	220,741	184,374	213,512
2. Net investment income.....	712,836	827,470	576,062
3. Miscellaneous income.....	0	0	0
4. Total (Lines 1 through 3).....	933,577	1,011,845	789,574
5. Benefit and loss related payments.....	9,809	498	100
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.....	1,783,864	1,941,160	2,332,275
8. Dividends paid to policyholders.....	0	0	0
9. Federal and foreign income taxes paid (recovered) net of \$.....(19,272) tax on capital gains (losses).....	(394,001)	(300,000)	(243,856)
10. Total (Lines 5 through 9).....	1,399,672	1,641,658	2,088,518
11. Net cash from operations (Line 4 minus Line 10).....	(466,095)	(629,813)	(1,298,944)
<b>CASH FROM INVESTMENTS</b>			
12. Proceeds from investments sold, matured or repaid:			
12.1 Bonds.....	17,588,287	7,529,622	7,529,622
12.2 Stocks.....	0	0	0
12.3 Mortgage loans.....	0	0	0
12.4 Real estate.....	0	0	0
12.5 Other invested assets.....	0	0	0
12.6 Net gains or (losses) on cash, cash equivalents and short-term investments.....	0	0	0
12.7 Miscellaneous proceeds.....	0	0	0
12.8 Total investment proceeds (Lines 12.1 to 12.7).....	17,588,287	7,529,622	7,529,622
13. Cost of investments acquired (long-term only):			
13.1 Bonds.....	20,553,299	5,490,157	7,639,443
13.2 Stocks.....	0	0	0
13.3 Mortgage loans.....	0	0	0
13.4 Real estate.....	0	0	0
13.5 Other invested assets.....	0	0	0
13.6 Miscellaneous applications.....	0	0	0
13.7 Total investments acquired (Lines 13.1 to 13.6).....	20,553,299	5,490,157	7,639,443
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).....	(2,965,011)	2,039,465	(109,821)
<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.....	0	0	0
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).....	214,446	572,133	541,161
17. Net cash from financing and miscellaneous sources (Lines 16.1 through 16.4 minus Line 16.5 plus Line 16.6).....	214,446	572,133	541,161
<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).....	(3,216,661)	1,981,784	(867,605)
19. Cash, cash equivalents and short-term investments:			
19.1 Beginning of year.....	4,368,647	5,236,252	5,236,252
19.2 End of period (Line 18 plus Line 19.1).....	1,151,987	7,218,036	4,368,647
<b>Note: Supplemental disclosures of cash flow information for non-cash transactions:</b>			
20.0001 Contingency reserve.....	(72,983)	(62,384)	(80,439)

## NOTES TO FINANCIAL STATEMENTS

### Note 1 – Summary of Significant Accounting Policies and Going Concern

#### A. Accounting Practices

The accompanying financial statements of Arch Mortgage Guaranty 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 ("SSAP No. 58"), changes in contingency reserves are 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	\$ (840,014)	\$ (1,480,448)
(2) State Prescribed Practice that are an increase/(decrease) from NAIC SAP					
Change in contingency reserve	58	4	4	\$ (72,983)	\$ (80,439)
(3) State Permitted Practice that are an increase/(decrease) from NAIC SAP					
				\$ 0	\$ 0
(4) NAIC SAP (1 – 2 – 3 = 4)	XXX	XXX	XXX	\$ (767,031)	\$ (1,400,009)
<b>SURPLUS</b>					
(5) The Company state basis (Page 3, line 37, Columns 1 & 2)	XXX	XXX	XXX	\$ 46,857,173	\$ 47,697,187
(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	\$ 46,857,173	\$ 47,697,187

#### 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  
Not Applicable
- (2) Securities with Recognized Other-Than-Temporary Impairment  
Not Applicable
- (3) Recognized OTTI securities  
Not Applicable

**NOTES TO FINANCIAL STATEMENTS**

(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):  
Not Applicable

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

E. Dollar Repurchase Agreements and/or Securities Lending Transactions  
Not Applicable

F. Repurchase Agreements Transactions Accounted for as Secured Borrowing  
Not Applicable

G. Reverse Repurchase Agreements Transactions Accounted for as Secured Borrowing  
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**

D. Amounts Due From or To Related Parties  
At September 30, 2019, the Company reported a receivable of \$1,895 and a payable of (\$636,018) from/to affiliated companies. Details of the balances are:

United Guaranty Residential Insurance Company \$1,895; Arch Mortgage Insurance Company (\$18,704); Arch U.S. MI Holdings, Inc. (\$567,804); Arch U.S. MI Services, Inc. (\$49,510);

At December 31, 2018, the Company reported a receivable of \$0 and a payable of (\$493,271) from/to affiliated companies. Details of the balances are:

Arch U.S. MI Holdings, Inc. (\$456,852); Arch U.S. MI Services, Inc. (\$26,867); Arch Mortgage Insurance Company (\$9,552)

Intercompany balances are settled monthly.

**Note 11 – Debt**  
Not Applicable

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

A. Defined Benefit Plan  
(4) Components of Net Periodic Benefit Cost  
Not Applicable

**Note 13 – Capital and Surplus, Dividend Restrictions and Quasi-Reorganizations**  
No significant changes

**Note 14 – Liabilities, Contingencies and Assessments**  
No significant changes

**Note 15 – Leases**  
Not Applicable

**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

## NOTES TO FINANCIAL STATEMENTS

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
Assets at Fair Value					
Exempt MM Mutual Fund	\$ 332,630	\$ 0	\$ 0	\$ 0	\$ 332,630
Total	\$ 332,630	\$ 0	\$ 0	\$ 0	\$ 332,630
Liabilities at Fair Value					
	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Total	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

- (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.

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. 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	\$ 48,393,575	\$ 47,760,276	\$ 39,307,702	\$ 9,085,873	\$ 0	\$ 0	\$ 0
Cash, cash equivalents, and short-term investments	\$ 1,151,987	\$ 1,151,987	\$ 1,151,987	\$ 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 \$476,250



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**NOTES TO FINANCIAL STATEMENTS**

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related to the 2017 Note. On October 16, 2019, the Department approved the Company's request.

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 \$61 thousand and increased by \$27 thousand for the nine months ending 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

**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
	0	0
	0	0
	0	0
	0	0
\$	0	\$ 0
\$	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 ]

## GENERAL INTERROGATORIES (continued)

## PART 2 – PROPERTY &amp; CASUALTY INTERROGATORIES

1. If the reporting entity is a member of a pooling arrangement, did the agreement or the reporting entity's participation change? Yes [ ] No [ ] N/A [ X ]  
If yes, attach an explanation.
2. Has the reporting entity reinsured any risk with any other reporting entity and agreed to release such entity from liability, in whole or in part, from any loss that may occur on the risk, or portion thereof, reinsured? Yes [ ] No [ X ]  
If yes, attach an explanation.
- 3.1 Have any of the reporting entity's primary reinsurance contracts been canceled? Yes [ ] No [ X ]
- 3.2 If yes, give full and complete information thereto:

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

- 4.2 If yes, complete the following schedule:

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

5. 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 GUARANTY 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

**NONE**

**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.....	L	2,025	0	0	0	0	0
2. Alaska.....AK.....L.....	L	79	0	0	0	0	0
3. Arizona.....AZ.....L.....	L	24,249	21,422	0	0	0	0
4. Arkansas.....AR.....L.....	L	0	0	0	0	0	0
5. California.....CA.....L.....	L	187,717	109,964	0	0	0	0
6. Colorado.....CO.....L.....	L	3,247	899	0	0	0	0
7. Connecticut.....CT.....L.....	L	21,417	16,948	0	0	0	0
8. Delaware.....DE.....L.....	L	3,125	0	0	0	0	0
9. District of Columbia.....DC.....L.....	L	24,109	14,738	0	0	0	0
10. Florida.....FL.....L.....	L	46,985	31,688	0	0	14,253	41,414
11. Georgia.....GA.....L.....	L	35,396	38,396	0	0	0	0
12. Hawaii.....HI.....L.....	L	1,700	0	0	0	0	0
13. Idaho.....ID.....L.....	L	3,841	2,183	0	0	0	0
14. Illinois.....IL.....L.....	L	17,698	14,823	0	0	0	0
15. Indiana.....IN.....L.....	L	6,151	5,198	0	0	0	0
16. Iowa.....IA.....L.....	L	1,602	1,245	0	0	0	0
17. Kansas.....KS.....L.....	L	87,097	69,131	0	0	0	0
18. Kentucky.....KY.....L.....	L	2,614	882	0	0	0	0
19. Louisiana.....LA.....L.....	L	0	0	0	0	0	0
20. Maine.....ME.....L.....	L	5,822	5,423	0	0	0	0
21. Maryland.....MD.....L.....	L	18,714	10,358	0	0	0	0
22. Massachusetts.....MA.....L.....	L	537,797	494,281	0	0	121,775	20,477
23. Michigan.....MI.....L.....	L	26,279	22,517	0	0	4,969	0
24. Minnesota.....MN.....L.....	L	9,184	6,722	0	0	0	0
25. Mississippi.....MS.....L.....	L	0	0	0	0	0	0
26. Missouri.....MO.....L.....	L	29,366	19,335	0	0	0	0
27. Montana.....MT.....L.....	L	58	0	0	0	0	0
28. Nebraska.....NE.....L.....	L	836	847	0	0	0	0
29. Nevada.....NV.....L.....	L	8,877	7,937	0	0	0	0
30. New Hampshire.....NH.....L.....	L	24,336	16,577	0	0	0	0
31. New Jersey.....NJ.....L.....	L	6,614	18,903	0	0	0	0
32. New Mexico.....NM.....L.....	L	0	0	0	0	0	0
33. New York.....NY.....L.....	L	17,486	23,960	0	0	0	0
34. North Carolina.....NC.....L.....	L	16,358	16,114	0	0	0	0
35. North Dakota.....ND.....L.....	L	0	0	0	0	0	0
36. Ohio.....OH.....L.....	L	8,461	20,865	98,091	0	238	2,781
37. Oklahoma.....OK.....L.....	L	20,534	6,376	0	0	0	0
38. Oregon.....OR.....L.....	L	405	410	0	0	0	0
39. Pennsylvania.....PA.....L.....	L	46,797	28,574	0	0	0	112,373
40. Rhode Island.....RI.....L.....	L	23,498	23,541	0	0	0	0
41. South Carolina.....SC.....L.....	L	19,671	19,184	0	0	0	0
42. South Dakota.....SD.....L.....	L	0	0	0	0	0	0
43. Tennessee.....TN.....L.....	L	13,367	8,317	0	0	0	0
44. Texas.....TX.....L.....	L	272,662	28,324	0	499	5,123	0
45. Utah.....UT.....L.....	L	18,836	16,330	0	0	0	0
46. Vermont.....VT.....L.....	L	15,315	7,653	0	0	9,236	0
47. Virginia.....VA.....L.....	L	27,607	5,049	0	0	0	0
48. Washington.....WA.....L.....	L	26,835	13,681	0	0	0	0
49. West Virginia.....WV.....L.....	L	0	0	0	0	0	0
50. Wisconsin.....WI.....L.....	L	171,937	88,075	0	0	19,735	0
51. Wyoming.....WY.....L.....	L	0	0	0	0	0	0
52. American Samoa.....AS.....N.....	N	0	0	0	0	0	0
53. Guam.....GU.....N.....	N	0	0	0	0	0	0
54. Puerto Rico.....PR.....N.....	N	0	0	0	0	0	0
55. US Virgin Islands.....VI.....N.....	N	0	0	0	0	0	0
56. Northern Mariana Islands.....MP.....N.....	N	0	0	0	0	0	0
57. Canada.....CAN.....N.....	N	0	0	0	0	0	0
58. Aggregate Other Alien.....OT.....XXX.....	XXX	0	0	0	0	0	0
59. Totals.....	XXX	1,836,704	1,236,870	98,091	499	175,329	177,046

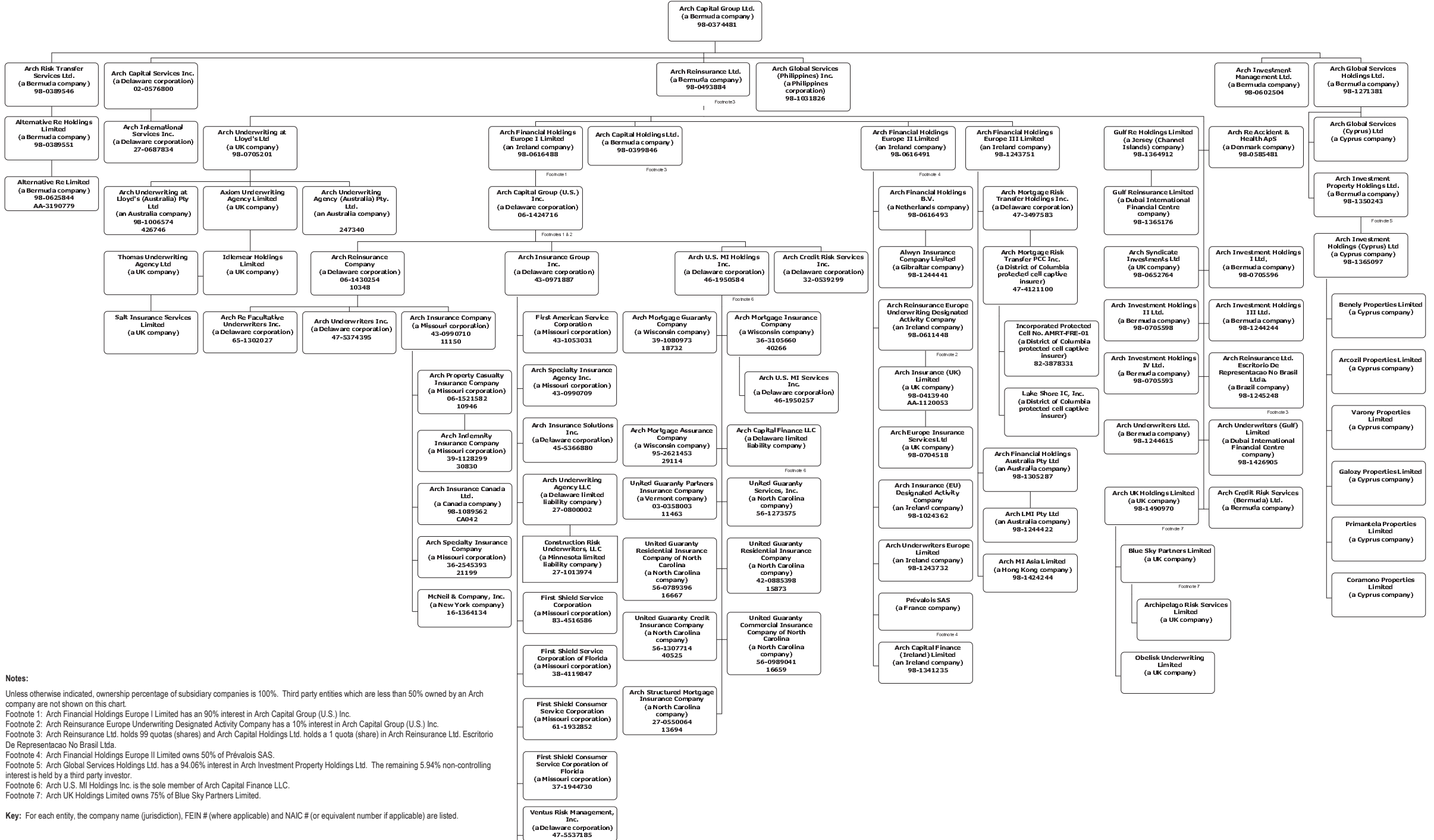
**DETAILS OF WRITE-INS**

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

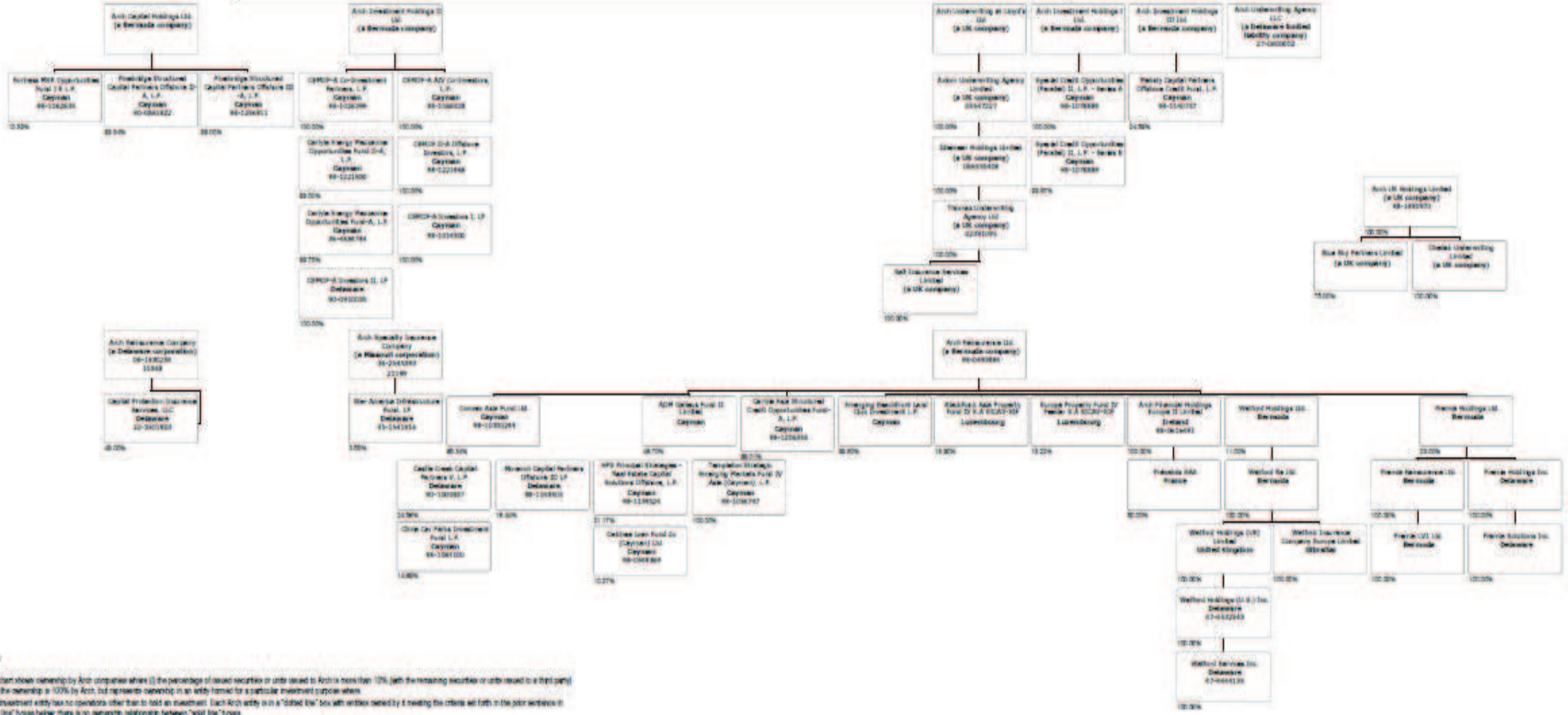
L - Licensed or Chartered - Licensed insurance carrier or domiciled RRG.....	51	R - Registered - Non-domiciled RRGs.....	0
E - Eligible - Reporting entities eligible or approved to write surplus lines in the state (other than their state of domicile - See DSLI).....	0	Q - Qualified - Qualified or accredited reinsurer.....	0
D - Domestic Surplus Lines Insurer (DSLI) - Reporting entities authorized to write surplus lines in the state of domicile.....	0	N - None of the above - Not allowed to write business in the state.....	6

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





**SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP  
PART 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 wavy lines if it meets the criteria set forth in the prior sentence. It "dotted line" boxes below there is no ownership relationship between "dotted 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

## 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.....	Idlemeear 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.....	Idlemeear 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

## 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

## 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.

# ARCH MORTGAGE GUARANTY 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.....	1,786,628	(27,624)	(1.546)	2.885
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.....	1,786,628	(27,624)	(1.546)	2.885
<b>DETAILS OF WRITE-INS</b>				
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.....	693,928	1,836,704	1,236,870
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.....	693,928	1,836,704	1,236,870
<b>DETAILS OF WRITE-INS</b>			
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.....	.....0	.....0	.....0	.....0	.....0	.....0	.....0	.....0	.....0	.....0	.....0	.....0	.....0
2. 2017.....	.....35	.....1	.....36	.....0	.....10	.....10	.....1	.....0	.....0	.....1	.....(34)	.....9	.....(25)
3. Subtotals 2017 + Prior.....	.....35	.....1	.....36	.....0	.....10	.....10	.....1	.....0	.....0	.....1	.....(34)	.....9	.....(25)
4. 2018.....	.....33	.....3	.....36	.....0	.....0	.....0	.....0	.....0	.....0	.....0	.....(33)	.....(3)	.....(36)
5. Subtotals 2018 + Prior.....	.....68	.....4	.....72	.....0	.....10	.....10	.....1	.....0	.....0	.....1	.....(67)	.....6	.....(61)
6. 2019.....	.....XXX	.....XXX	.....XXX	.....XXX	.....2	.....2	.....XXX	.....5	.....4	.....9	.....XXX	.....XXX	.....XXX
7. Totals.....	.....68	.....4	.....72	.....0	.....12	.....12	.....1	.....5	.....4	.....10	.....(67)	.....6	.....(61)
8. Prior Year-End's Surplus As Regards Policyholders	.....47,697										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. ....(98.5)%	2. ....150.0 %	3. ....(84.7)%
													Col. 13, Line 7 Line 8
													4. ....(0.1)%

Q14



**SUPPLEMENTAL EXHIBITS AND SCHEDULES INTERROGATORIES**

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

	<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 GUARANTY 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.....	0	0
2.2 Additional investment made after acquisition.....	0	0
3. Current year change in encumbrances.....	0	0
4. Total gain (loss) on disposals.....	0	0
5. Deduct amounts received on disposals.....	0	0
6. Total foreign exchange change in book/adjusted carrying value.....	0	0
7. Deduct current year's other-than-temporary impairment recognized.....	0	0
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

NONE

## 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.....	44,937,058	45,177,287
2. Cost of bonds and stocks acquired.....	20,553,299	7,639,443
3. Accrual of discount.....	10,188	17,625
4. Unrealized valuation increase (decrease).....	0	0
5. Total gain (loss) on disposals.....	(91,770)	(118,568)
6. Deduct consideration for bonds and stocks disposed of.....	17,588,287	7,529,622
7. Deduct amortization of premium.....	60,210	249,107
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.....	0	0
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10).....	47,760,276	44,937,058
12. Deduct total nonadmitted amounts.....	0	0
13. Statement value at end of current period (Line 11 minus Line 12).....	47,760,276	44,937,058

### 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).....	48,275,586	0	500,701	(14,609)	45,907,295	48,275,586	47,760,276	44,937,058
2. NAIC 2 (a).....	0	0	0	0	0	0	0	0
3. NAIC 3 (a).....	0	0	0	0	0	0	0	0
4. NAIC 4 (a).....	0	0	0	0	0	0	0	0
5. NAIC 5 (a).....	0	0	0	0	0	0	0	0
6. NAIC 6 (a).....	0	0	0	0	0	0	0	0
7. Total Bonds.....	48,275,586	0	500,701	(14,609)	45,907,295	48,275,586	47,760,276	44,937,058
<b>PREFERRED STOCK</b>								
8. NAIC 1.....	0	0	0	0	0	0	0	0
9. NAIC 2.....	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0
15. Total Bonds and Preferred Stock.....	48,275,586	0	500,701	(14,609)	45,907,295	48,275,586	47,760,276	44,937,058

QS102

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

**Sch. DA - Pt. 1  
NONE**

**Sch. DA - Verification  
NONE**

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

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

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

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

**Sch. DB - Verification  
NONE**

## SCHEDULE E - PART 2 - VERIFICATION

## Cash Equivalents

	1 Year To Date	2 Prior Year Ended December 31
1. Book/adjusted carrying value, December 31 of prior year.....	4,012,046	4,470,033
2. Cost of cash equivalents acquired.....	12,611,717	8,183,392
3. Accrual of discount.....	0	0
4. Unrealized valuation increase (decrease).....	0	0
5. Total gain (loss) on disposals.....	0	0
6. Deduct consideration received on disposals.....	16,291,133	8,641,380
7. Deduct amortization of premium.....	0	0
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).....	332,630	4,012,046
11. Deduct total nonadmitted amounts.....	0	0
12. Statement value at end of current period (Line 10 minus Line 11).....	332,630	4,012,046

**Sch. A Pt. 2  
NONE**

**Sch. A Pt. 3  
NONE**

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

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

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

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

**Sch. D - Pt. 3  
NONE**

### SCHEDULE D - PART 4

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

1	2	3	4	5	6	7	8	9	10	Change in Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase (Decrease)	Current Year's (Amortization) / Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in B./A.C.V. (11+12-13)	Total Foreign Exchange Change in B./A.C.V.	Book/Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest / Stock Dividends Received During Year	Stated Contractual Maturity Date	NAIC Designation and Administrative Symbol/Market Indicator (a)
<b>Bonds - U.S. Government</b>																					
912828 WG 1	UNITED STATES TREASURY .....		07/17/2019	Credit Suisse Securities (USA), LLC .....	503,398	500,000	500,762	0	0	(61)	0	(61)	0	500,701	0	2,698	2,698	2,415	04/30/2021	1	
0599999	Total - Bonds - U.S. Government.....				503,398	500,000	500,762	0	0	(61)	0	(61)	0	500,701	0	2,698	2,698	2,415	XXX	XXX	
8399997	Total - Bonds - Part 4.....				503,398	500,000	500,762	0	0	(61)	0	(61)	0	500,701	0	2,698	2,698	2,415	XXX	XXX	
8399999	Total - Bonds.....				503,398	500,000	500,762	0	0	(61)	0	(61)	0	500,701	0	2,698	2,698	2,415	XXX	XXX	
9999999	Total - Bonds, Preferred and Common Stocks.....				503,398	XXX	500,762	0	0	(61)	0	(61)	0	500,701	0	2,698	2,698	2,415	XXX	XXX	

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



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

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

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

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

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

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

# ARCH MORTGAGE GUARANTY 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	695,471	856,954	819,357	XXX
0199999. Total Open Depositories.....	XXX	XXX	0	0	695,471	856,954	819,357	XXX
0399999. Total Cash on Deposit.....	XXX	XXX	0	0	695,471	856,954	819,357	XXX
0599999. Total Cash.....	XXX	XXX	0	0	695,471	856,954	819,357	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.....	09/04/2019.....	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.....		09/26/2019.....	1.790		332,630	508	534
8699999	Total - All Other Money Market Mutual Funds.....					332,630	508	534
8899999	Total - Cash Equivalents.....					332,630	508	534

QE13