



PROPERTY AND CASUALTY COMPANIES - ASSOCIATION EDITION

ANNUAL STATEMENT

FOR THE YEAR ENDED DECEMBER 31, 2022
OF THE CONDITION AND AFFAIRS OF THE

AMICA MUTUAL INSURANCE COMPANY

NAIC Group Code 0028 0028 NAIC Company Code 19976 Employer's ID Number 05-0348344
(Current) (Prior)

Organized under the Laws of Rhode Island, State of Domicile or Port of Entry RI
Country of Domicile United States of America

Incorporated/Organized 03/01/1907 Commenced Business 04/01/1907

Statutory Home Office 100 Amica Way, Lincoln, RI, US 02865-1156
(Street and Number) (City or Town, State, Country and Zip Code)

Main Administrative Office 100 Amica Way, Lincoln, RI, US 02865-1156
(Street and Number) (City or Town, State, Country and Zip Code)
800-652-6422 (Area Code) (Telephone Number)

Mail Address P.O. Box 6008, Providence, RI, US 02940-6008
(Street and Number or P.O. Box) (City or Town, State, Country and Zip Code)

Primary Location of Books and Records 100 Amica Way, Lincoln, RI, US 02865-1156
(Street and Number) (City or Town, State, Country and Zip Code)
800-652-6422 (Area Code) (Telephone Number)

Internet Website Address www.amica.com

Statutory Statement Contact Michael Lee Baker, Jr., 800-652-6422-22365
(Name) (Area Code) (Telephone Number)
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OFFICERS

President and Chief Executive Officer Edmund Shallcross III #
Senior Assistant Vice President and Secretary Suzanne Ellen Casey
Senior Vice President, Chief Financial Officer and Treasurer James Parker Loring

OTHER

Susan Fie Chung, Senior Vice President & Chief Investment Officer
William Henry Fitzgerald, Vice President
Roberta Eldeen Gosselin, Vice President
Andrew Thomas Mudra, Vice President
Shannon Skenyon O'Brien, Vice President
John Steven Reichley, Vice President
Lisa Maria DeCubellis, Senior Vice President
Jeffrey Peter Gagnon #, Vice President
Peter Ernest Moreau, Vice President & Chief Information Officer
Theodore Charles Murphy, Chief Operations Officer
Sotiros Dimitrios Pachis, Vice President of Marketing
Sean Francis Welch, Senior Vice President
Peter Francis Drogan, Senior Vice President & Chief Actuary
Michael George Gillerlano, Vice President
Jennifer Ann Morrison, Senior Vice President & General Counsel
Anthony Noviello III, Senior Vice President
Samuel Charles Palmisano #, Senior Vice President

DIRECTORS OR TRUSTEES

Jill Janice Avery, Ivy Lynne Brown #, Debra Ann Canales
Patricia Walsh Chadwick, Michael David Jeans, Matthew Alexander Lopes, Jr. #
Ronald Keith Machtley, Peter Michael Marino, Debra Marie Paul
Donald Julian Reaves, Edmund Shallcross III #, Diane Desmarais Souza

State of Rhode Island SS
County of Providence

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.

Edmund Shallcross III
President and Chief Executive Officer

Suzanne Ellen Casey
Senior Assistant Vice President and Secretary

James Parker Loring
Senior Vice President, Chief Financial Officer and Treasurer

Subscribed and sworn to before me this 8th day of February, 2023

- 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.....

Ann Marie Oceau
Notary Public
June 8, 2026

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SUMMARY INVESTMENT SCHEDULE**

Investment Categories	Gross Investment Holdings		Admitted Assets as Reported in the Annual Statement			
	1 Amount	2 Percentage of Column 1 Line 13	3 Amount	4 Securities Lending Reinvested Collateral Amount	5 Total (Col. 3 + 4) Amount	6 Percentage of Column 5 Line 13
1. Long-Term Bonds (Schedule D, Part 1):						
1.01 U.S. governments .....	563,850,973	11.927	563,850,973		563,850,973	11.930
1.02 All other governments .....		0.000				0.000
1.03 U.S. states, territories and possessions, etc. guaranteed .....	238,099,695	5.036	238,099,695		238,099,695	5.038
1.04 U.S. political subdivisions of states, territories, and possessions, guaranteed .....	78,662,597	1.664	78,662,597		78,662,597	1.664
1.05 U.S. special revenue and special assessment obligations, etc. non-guaranteed .....	532,514,987	11.264	532,514,987		532,514,987	11.267
1.06 Industrial and miscellaneous .....	1,357,233,099	28.709	1,357,233,099		1,357,233,099	28.717
1.07 Hybrid securities .....		0.000				0.000
1.08 Parent, subsidiaries and affiliates .....		0.000				0.000
1.09 SVO identified funds .....		0.000				0.000
1.10 Unaffiliated bank loans .....		0.000				0.000
1.11 Unaffiliated certificates of deposit .....		0.000				0.000
1.12 Total long-term bonds .....	2,770,361,351	58.600	2,770,361,351		2,770,361,351	58.616
2. Preferred stocks (Schedule D, Part 2, Section 1):						
2.01 Industrial and miscellaneous (Unaffiliated) .....		0.000				0.000
2.02 Parent, subsidiaries and affiliates .....		0.000				0.000
2.03 Total preferred stocks .....		0.000				0.000
3. Common stocks (Schedule D, Part 2, Section 2):						
3.01 Industrial and miscellaneous Publicly traded (Unaffiliated) .....	631,375,332	13.355	631,375,332		631,375,332	13.359
3.02 Industrial and miscellaneous Other (Unaffiliated) .....	3,003,500	0.064	3,003,500		3,003,500	0.064
3.03 Parent, subsidiaries and affiliates Publicly traded .....		0.000				0.000
3.04 Parent, subsidiaries and affiliates Other .....	445,222,198	9.418	445,222,198		445,222,198	9.420
3.05 Mutual funds .....	236,870,747	5.010	236,870,747		236,870,747	5.012
3.06 Unit investment trusts .....		0.000				0.000
3.07 Closed-end funds .....		0.000				0.000
3.08 Exchange traded funds .....		0.000				0.000
3.09 Total common stocks .....	1,316,471,777	27.847	1,316,471,777		1,316,471,777	27.854
4. Mortgage loans (Schedule B):						
4.01 Farm mortgages .....		0.000				0.000
4.02 Residential mortgages .....		0.000				0.000
4.03 Commercial mortgages .....	112,993,388	2.390	112,993,388		112,993,388	2.391
4.04 Mezzanine real estate loans .....		0.000				0.000
4.05 Total valuation allowance .....		0.000				0.000
4.06 Total mortgage loans .....	112,993,388	2.390	112,993,388		112,993,388	2.391
5. Real estate (Schedule A):						
5.01 Properties occupied by company .....	44,598,656	0.943	44,598,656		44,598,656	0.944
5.02 Properties held for production of income .....		0.000				0.000
5.03 Properties held for sale .....		0.000				0.000
5.04 Total real estate .....	44,598,656	0.943	44,598,656		44,598,656	0.944
6. Cash, cash equivalents and short-term investments:						
6.01 Cash (Schedule E, Part 1) .....	(94,897,482)	(2.007)	(94,897,482)		(94,897,482)	(2.008)
6.02 Cash equivalents (Schedule E, Part 2) .....	117,064,723	2.476	117,064,723		117,064,723	2.477
6.03 Short-term investments (Schedule DA) .....	78,482,526	1.660	78,482,526		78,482,526	1.661
6.04 Total cash, cash equivalents and short-term investments .....	100,649,767	2.129	100,649,767		100,649,767	2.130
7. Contract loans .....		0.000				0.000
8. Derivatives (Schedule DB) .....		0.000				0.000
9. Other invested assets (Schedule BA) .....	382,507,736	8.091	381,221,380		381,221,380	8.066
10. Receivables for securities .....		0.000				0.000
11. Securities Lending (Schedule DL, Part 1).....		0.000		XXX	XXX	XXX
12. Other invested assets (Page 2, Line 11) .....		0.000				0.000
13. Total invested assets	4,727,582,675	100.000	4,726,296,319		4,726,296,319	100.000

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE A - VERIFICATION BETWEEN YEARS**

Real Estate

1.	Book/adjusted carrying value, December 31 of prior year .....	46,752,207
2.	Cost of acquired:	
2.1	Actual cost at time of acquisition (Part 2, Column 6) .....	
2.2	Additional investment made after acquisition (Part 2, Column 9) .....	1,030,678
		1,030,678
3.	Current year change in encumbrances:	
3.1	Totals, Part 1, Column 13 .....	
3.2	Totals, Part 3, Column 11 .....	
4.	Total gain (loss) on disposals, Part 3, Column 18 .....	
5.	Deduct amounts received on disposals, Part 3, Column 15 .....	
6.	Total foreign exchange change in book/adjusted carrying value:	
6.1	Totals, Part 1, Column 15 .....	
6.2	Totals, Part 3, Column 13 .....	
7.	Deduct current year's other than temporary impairment recognized:	
7.1	Totals, Part 1, Column 12 .....	
7.2	Totals, Part 3, Column 10 .....	
8.	Deduct current year's depreciation:	
8.1	Totals, Part 1, Column 11 .....	3,184,229
8.2	Totals, Part 3, Column 9 .....	3,184,229
9.	Book/adjusted carrying value at the end of current period (Lines 1+2+3+4-5+6-7-8) .....	44,598,656
10.	Deduct total nonadmitted amounts .....	
11.	Statement value at end of current period (Line 9 minus Line 10) .....	44,598,656

**SCHEDULE B - VERIFICATION BETWEEN YEARS**

Mortgage Loans

1.	Book value/recorded investment excluding accrued interest, December 31 of prior year .....	124,416,097
2.	Cost of acquired:	
2.1	Actual cost at time of acquisition (Part 2, Column 7) .....	3,125,000
2.2	Additional investment made after acquisition (Part 2, Column 8) .....	2,937,303
		6,062,303
3.	Capitalized deferred interest and other:	
3.1	Totals, Part 1, Column 12 .....	
3.2	Totals, Part 3, Column 11 .....	
4.	Accrual of discount .....	
5.	Unrealized valuation increase (decrease):	
5.1	Totals, Part 1, Column 9 .....	
5.2	Totals, Part 3, Column 8 .....	
6.	Total gain (loss) on disposals, Part 3, Column 18 .....	
7.	Deduct amounts received on disposals, Part 3, Column 15 .....	17,485,012
8.	Deduct amortization of premium and mortgage interest points and commitment fees .....	
9.	Total foreign exchange change in book value/recorded investment excluding accrued interest:	
9.1	Totals, Part 1, Column 13 .....	
9.2	Totals, Part 3, Column 13 .....	
10.	Deduct current year's other than temporary impairment recognized:	
10.1	Totals, Part 1, Column 11 .....	
10.2	Totals, Part 3, Column 10 .....	
11.	Book value/recorded investment excluding accrued interest at end of current period (Lines 1+2+3+4+5+6-7-8+9-10) .....	112,993,388
12.	Total valuation allowance .....	
13.	Subtotal (Line 11 plus 12) .....	112,993,388
14.	Deduct total nonadmitted amounts .....	
15.	Statement value of mortgages owned at end of current period (Line 13 minus Line 14) .....	112,993,388

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE BA - VERIFICATION BETWEEN YEARS**

Other Long-Term Invested Assets

1.	Book/adjusted carrying value, December 31 of prior year .....	339,310,462
2.	Cost of acquired:	
2.1	Actual cost at time of acquisition (Part 2, Column 8) .....	72,744,479
2.2	Additional investment made after acquisition (Part 2, Column 9) .....	104,303,513
		177,047,992
3.	Capitalized deferred interest and other:	
3.1	Totals, Part 1, Column 16 .....	
3.2	Totals, Part 3, Column 12 .....	
4.	Accrual of discount .....	
5.	Unrealized valuation increase (decrease):	
5.1	Totals, Part 1, Column 13 .....	(78,679,651)
5.2	Totals, Part 3, Column 9 .....	(7,990,036)
		(86,669,687)
6.	Total gain (loss) on disposals, Part 3, Column 19 .....	(296,212)
7.	Deduct amounts received on disposals, Part 3, Column 16 .....	37,668,147
8.	Deduct amortization of premium and depreciation .....	
9.	Total foreign exchange change in book/adjusted carrying value:	
9.1	Totals, Part 1, Column 17 .....	
9.2	Totals, Part 3, Column 14 .....	
10.	Deduct current year's other than temporary impairment recognized:	
10.1	Totals, Part 1, Column 15 .....	9,216,672
10.2	Totals, Part 3, Column 11 .....	
		9,216,672
11.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10) .....	382,507,736
12.	Deduct total nonadmitted amounts .....	1,286,356
13.	Statement value at end of current period (Line 11 minus Line 12) .....	381,221,380

**SCHEDULE D - VERIFICATION BETWEEN YEARS**

Bonds and Stocks

1.	Book/adjusted carrying value, December 31 of prior year .....	4,657,290,577
2.	Cost of bonds and stocks acquired, Part 3, Column 7 .....	1,339,179,110
3.	Accrual of discount .....	1,514,670
4.	Unrealized valuation increase (decrease):	
4.1	Part 1, Column 12 .....	
4.2	Part 2, Section 1, Column 15 .....	
4.3	Part 2, Section 2, Column 13 .....	(143,484,541)
4.4	Part 4, Column 11 .....	(190,728,394)
		(334,212,935)
5.	Total gain (loss) on disposals, Part 4, Column 19 .....	83,809,645
6.	Deduction consideration for bonds and stocks disposed of, Part 4, Column 7 .....	1,617,809,190
7.	Deduct amortization of premium .....	13,833,972
8.	Total foreign exchange change in book/adjusted carrying value:	
8.1	Part 1, Column 15 .....	
8.2	Part 2, Section 1, Column 19 .....	
8.3	Part 2, Section 2, Column 16 .....	
8.4	Part 4, Column 15 .....	
9.	Deduct current year's other than temporary impairment recognized:	
9.1	Part 1, Column 14 .....	
9.2	Part 2, Section 1, Column 17 .....	
9.3	Part 2, Section 2, Column 14 .....	27,888,850
9.4	Part 4, Column 13 .....	1,648,445
		29,537,295
10.	Total investment income recognized as a result of prepayment penalties and/or acceleration fees, Note 5Q, Line 2 .....	432,518
11.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10) .....	4,086,833,128
12.	Deduct total nonadmitted amounts .....	
13.	Statement value at end of current period (Line 11 minus Line 12) .....	4,086,833,128

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - SUMMARY BY COUNTRY**

Long-Term Bonds and Stocks OWNED December 31 of Current Year

Description		1 Book/Adjusted Carrying Value	2 Fair Value	3 Actual Cost	4 Par Value of Bonds
<b>BONDS</b>					
Governments (Including all obligations guaranteed by governments)	1. United States .....	563,850,973	507,055,436	564,857,339	555,877,903
	2. Canada .....				
	3. Other Countries				
	4. Totals	563,850,973	507,055,436	564,857,339	555,877,903
U.S. States, Territories and Possessions (Direct and guaranteed)	5. Totals	238,099,695	200,336,920	243,703,301	222,075,000
U.S. Political Subdivisions of States, Territories and Possessions (Direct and guaranteed)	6. Totals	78,662,597	59,975,676	78,891,499	77,840,000
U.S. Special Revenue and Special Assessment Obligations and all Non- Guaranteed Obligations of Agencies and Authorities of Governments and their Political Subdivisions	7. Totals	532,514,987	459,043,922	531,703,225	528,938,488
Industrial and Miscellaneous, SVO Identified Funds, Unaffiliated Bank Loans, Unaffiliated Certificates of Deposit and Hybrid Securities (unaffiliated)	8. United States .....	1,335,544,559	1,183,206,685	1,351,489,588	1,297,305,976
	9. Canada .....	2,996,223	2,624,745	2,994,930	3,000,000
	10. Other Countries	18,692,317	17,025,756	18,906,318	17,924,193
	11. Totals	1,357,233,099	1,202,857,186	1,373,390,836	1,318,230,169
Parent, Subsidiaries and Affiliates	12. Totals				
	13. Total Bonds	2,770,361,351	2,429,269,140	2,792,546,200	2,702,961,560
<b>PREFERRED STOCKS</b>					
Industrial and Miscellaneous (unaffiliated)	14. United States .....				
	15. Canada .....				
	16. Other Countries				
	17. Totals				
Parent, Subsidiaries and Affiliates	18. Totals				
	19. Total Preferred Stocks				
<b>COMMON STOCKS</b>					
Industrial and Miscellaneous (unaffiliated), Mutual Funds, Unit Investment Trusts, Closed-End Funds and Exchange Traded Funds	20. United States .....	835,443,479	835,443,479	577,414,753	
	21. Canada .....				
	22. Other Countries	35,806,100	35,806,100	25,577,806	
	23. Totals	871,249,579	871,249,579	602,992,559	
Parent, Subsidiaries and Affiliates	24. Totals	445,222,198	445,222,198	342,620,193	
	25. Total Common Stocks	1,316,471,777	1,316,471,777	945,612,752	
	26. Total Stocks	1,316,471,777	1,316,471,777	945,612,752	
	27. Total Bonds and Stocks	4,086,833,128	3,745,740,917	3,738,158,952	

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 1A - SECTION 1**

Quality and Maturity Distribution of All Bonds Owned December 31, at Book/Adjusted Carrying Values by Major Types of Issues and NAIC Designations

NAIC Designation	1 1 Year or Less	2 Over 1 Year Through 5 Years	3 Over 5 Years Through 10 Years	4 Over 10 Years Through 20 Years	5 Over 20 Years	6 No Maturity Date	7 Total Current Year	8 Col. 7 as a % of Line 12.7	9 Total from Col. 7 Prior Year	10 % From Col. 8 Prior Year	11 Total Publicly Traded	12 Total Privately Placed (a)
<b>1. U.S. Governments</b>												
1.1 NAIC 1	126,342,281	203,301,976	68,454,904	129,538,376	114,695,962	XXX	642,333,499	22.5	631,713,171	22.7	642,333,499	
1.2 NAIC 2						XXX						
1.3 NAIC 3						XXX						
1.4 NAIC 4						XXX						
1.5 NAIC 5						XXX						
1.6 NAIC 6						XXX						
<b>1.7 Totals</b>	<b>126,342,281</b>	<b>203,301,976</b>	<b>68,454,904</b>	<b>129,538,376</b>	<b>114,695,962</b>	<b>XXX</b>	<b>642,333,499</b>	<b>22.5</b>	<b>631,713,171</b>	<b>22.7</b>	<b>642,333,499</b>	
<b>2. All Other Governments</b>												
2.1 NAIC 1						XXX						
2.2 NAIC 2						XXX						
2.3 NAIC 3						XXX						
2.4 NAIC 4						XXX						
2.5 NAIC 5						XXX						
2.6 NAIC 6						XXX						
<b>2.7 Totals</b>						<b>XXX</b>						
<b>3. U.S. States, Territories and Possessions etc., Guaranteed</b>												
3.1 NAIC 1	1,822,218	18,725,885	104,660,088	106,183,914	6,707,590	XXX	238,099,695	8.4	244,103,649	8.8	238,099,695	
3.2 NAIC 2						XXX						
3.3 NAIC 3						XXX						
3.4 NAIC 4						XXX						
3.5 NAIC 5						XXX						
3.6 NAIC 6						XXX						
<b>3.7 Totals</b>	<b>1,822,218</b>	<b>18,725,885</b>	<b>104,660,088</b>	<b>106,183,914</b>	<b>6,707,590</b>	<b>XXX</b>	<b>238,099,695</b>	<b>8.4</b>	<b>244,103,649</b>	<b>8.8</b>	<b>238,099,695</b>	
<b>4. U.S. Political Subdivisions of States, Territories and Possessions , Guaranteed</b>												
4.1 NAIC 1	4,441,017	12,194,578	62,027,002			XXX	78,662,597	2.8	101,895,140	3.7	78,662,597	
4.2 NAIC 2						XXX						
4.3 NAIC 3						XXX						
4.4 NAIC 4						XXX						
4.5 NAIC 5						XXX						
4.6 NAIC 6						XXX						
<b>4.7 Totals</b>	<b>4,441,017</b>	<b>12,194,578</b>	<b>62,027,002</b>			<b>XXX</b>	<b>78,662,597</b>	<b>2.8</b>	<b>101,895,140</b>	<b>3.7</b>	<b>78,662,597</b>	
<b>5. U.S. Special Revenue &amp; Special Assessment Obligations, etc., Non-Guaranteed</b>												
5.1 NAIC 1	33,878,999	103,717,781	181,906,686	114,689,957	98,321,564	XXX	532,514,987	18.7	415,207,383	14.9	532,514,987	
5.2 NAIC 2						XXX						
5.3 NAIC 3						XXX						
5.4 NAIC 4						XXX						
5.5 NAIC 5						XXX						
5.6 NAIC 6						XXX						
<b>5.7 Totals</b>	<b>33,878,999</b>	<b>103,717,781</b>	<b>181,906,686</b>	<b>114,689,957</b>	<b>98,321,564</b>	<b>XXX</b>	<b>532,514,987</b>	<b>18.7</b>	<b>415,207,383</b>	<b>14.9</b>	<b>532,514,987</b>	

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 1A - SECTION 1 (Continued)**

Quality and Maturity Distribution of All Bonds Owned December 31, at Book/Adjusted Carrying Values by Major Types of Issues and NAIC Designations

NAIC Designation	1 1 Year or Less	2 Over 1 Year Through 5 Years	3 Over 5 Years Through 10 Years	4 Over 10 Years Through 20 Years	5 Over 20 Years	6 No Maturity Date	7 Total Current Year	8 Col. 7 as a % of Line 12.7	9 Total from Col. 7 Prior Year	10 % From Col. 8 Prior Year	11 Total Publicly Traded	12 Total Privately Placed (a)
<b>6. Industrial &amp; Miscellaneous (Unaffiliated)</b>												
6.1 NAIC 1 .....	158,431,564	344,258,626	163,199,054	159,250,437	215,147,632	XXX	1,040,287,313	36.5	1,020,315,532	36.6	474,091,105	566,196,208
6.2 NAIC 2 .....	10,481,515	160,861,658	88,023,903	46,446,650	11,132,060	XXX	316,945,786	11.1	373,796,307	13.4	273,626,022	43,319,764
6.3 NAIC 3 .....						XXX						
6.4 NAIC 4 .....						XXX						
6.5 NAIC 5 .....						XXX						
6.6 NAIC 6 .....						XXX						
6.7 Totals	168,913,079	505,120,284	251,222,957	205,697,087	226,279,692	XXX	1,357,233,099	47.6	1,394,111,839	50.0	747,717,127	609,515,972
<b>7. Hybrid Securities</b>												
7.1 NAIC 1 .....						XXX						
7.2 NAIC 2 .....						XXX						
7.3 NAIC 3 .....						XXX						
7.4 NAIC 4 .....						XXX						
7.5 NAIC 5 .....						XXX						
7.6 NAIC 6 .....						XXX						
7.7 Totals						XXX						
<b>8. Parent, Subsidiaries and Affiliates</b>												
8.1 NAIC 1 .....						XXX						
8.2 NAIC 2 .....						XXX						
8.3 NAIC 3 .....						XXX						
8.4 NAIC 4 .....						XXX						
8.5 NAIC 5 .....						XXX						
8.6 NAIC 6 .....						XXX						
8.7 Totals						XXX						
<b>9. SVO Identified Funds</b>												
9.1 NAIC 1 .....	XXX	XXX	XXX	XXX	XXX							
9.2 NAIC 2 .....	XXX	XXX	XXX	XXX	XXX							
9.3 NAIC 3 .....	XXX	XXX	XXX	XXX	XXX							
9.4 NAIC 4 .....	XXX	XXX	XXX	XXX	XXX							
9.5 NAIC 5 .....	XXX	XXX	XXX	XXX	XXX							
9.6 NAIC 6 .....	XXX	XXX	XXX	XXX	XXX							
9.7 Totals	XXX	XXX	XXX	XXX	XXX							
<b>10. Unaffiliated Bank Loans</b>												
10.1 NAIC 1 .....						XXX						
10.2 NAIC 2 .....						XXX						
10.3 NAIC 3 .....						XXX						
10.4 NAIC 4 .....						XXX						
10.5 NAIC 5 .....						XXX						
10.6 NAIC 6 .....						XXX						
10.7 Totals						XXX						
<b>11. Unaffiliated Certificates of Deposit</b>												
11.1 NAIC 1 .....						XXX			XXX	XXX		
11.2 NAIC 2 .....						XXX			XXX	XXX		
11.3 NAIC 3 .....						XXX			XXX	XXX		
11.4 NAIC 4 .....						XXX			XXX	XXX		
11.5 NAIC 5 .....						XXX			XXX	XXX		
11.6 NAIC 6 .....						XXX			XXX	XXX		
11.7 Totals						XXX			XXX	XXX		

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 1A - SECTION 1 (Continued)**

Quality and Maturity Distribution of All Bonds Owned December 31, at Book/Adjusted Carrying Values by Major Types of Issues and NAIC Designations

NAIC Designation	1 1 Year or Less	2 Over 1 Year Through 5 Years	3 Over 5 Years Through 10 Years	4 Over 10 Years Through 20 Years	5 Over 20 Years	6 No Maturity Date	7 Total Current Year	8 Col. 7 as a % of Line 12.7	9 Total from Col. 7 Prior Year	10 % From Col. 8 Prior Year	11 Total Publicly Traded	12 Total Privately Placed (a)
<b>12. Total Bonds Current Year</b>												
12.1 NAIC 1	(d) 324,916,079	682,198,846	580,247,734	509,662,684	434,872,748		2,531,898,091	88.9	XXX	XXX	1,965,701,883	566,196,208
12.2 NAIC 2	(d) 10,481,515	160,861,658	88,023,903	46,446,650	11,132,060		316,945,786	11.1	XXX	XXX	273,626,022	43,319,764
12.3 NAIC 3	(d)								XXX	XXX		
12.4 NAIC 4	(d)								XXX	XXX		
12.5 NAIC 5	(d)								XXX	XXX		
12.6 NAIC 6	(d)						(c)		XXX	XXX		
12.7 Totals	335,397,594	843,060,504	668,271,637	556,109,334	446,004,808		(b) 2,848,843,877	100.0	XXX	XXX	2,239,327,905	609,515,972
12.8 Line 12.7 as a % of Col. 7	11.8	29.6	23.5	19.5	15.7		100.0	XXX	XXX	XXX	78.6	21.4
<b>13. Total Bonds Prior Year</b>												
13.1 NAIC 1	216,855,644	770,493,390	656,674,326	482,171,713	287,039,802		XXX	XXX	2,413,234,875	86.6	1,808,308,751	604,926,124
13.2 NAIC 2	56,517,893	125,425,150	133,749,358	39,549,650	18,554,256		XXX	XXX	373,796,307	13.4	361,184,762	12,611,545
13.3 NAIC 3							XXX	XXX				
13.4 NAIC 4							XXX	XXX				
13.5 NAIC 5							XXX	XXX	(c)			
13.6 NAIC 6							XXX	XXX	(c)			
13.7 Totals	273,373,537	895,918,540	790,423,684	521,721,363	305,594,058		XXX	XXX	(b) 2,787,031,182	100.0	2,169,493,513	617,537,669
13.8 Line 13.7 as a % of Col. 9	9.8	32.1	28.4	18.7	11.0		XXX	XXX	100.0	XXX	77.8	22.2
<b>14. Total Publicly Traded Bonds</b>												
14.1 NAIC 1	170,455,416	501,465,724	498,260,785	438,933,587	356,586,371		1,965,701,883	69.0	1,808,308,751	64.9	1,965,701,883	XXX
14.2 NAIC 2	9,363,275	128,660,134	85,023,903	42,446,650	8,132,060		273,626,022	9.6	361,184,762	13.0	273,626,022	XXX
14.3 NAIC 3												XXX
14.4 NAIC 4												XXX
14.5 NAIC 5												XXX
14.6 NAIC 6												XXX
14.7 Totals	179,818,691	630,125,858	583,284,688	481,380,237	364,718,431		2,239,327,905	78.6	2,169,493,513	77.8	2,239,327,905	XXX
14.8 Line 14.7 as a % of Col. 7	8.0	28.1	26.0	21.5	16.3		100.0	XXX	XXX	XXX	100.0	XXX
14.9 Line 14.7 as a % of Line 12.7, Col. 7, Section 12	6.3	22.1	20.5	16.9	12.8		78.6	XXX	XXX	XXX	78.6	XXX
<b>15. Total Privately Placed Bonds</b>												
15.1 NAIC 1	154,460,663	180,733,122	81,986,949	70,729,097	78,286,377		566,196,208	19.9	604,926,124	21.7	XXX	566,196,208
15.2 NAIC 2	1,118,240	32,201,524	3,000,000	4,000,000	3,000,000		43,319,764	1.5	12,611,545	0.5	XXX	43,319,764
15.3 NAIC 3												XXX
15.4 NAIC 4												XXX
15.5 NAIC 5												XXX
15.6 NAIC 6												XXX
15.7 Totals	155,578,903	212,934,646	84,986,949	74,729,097	81,286,377		609,515,972	21.4	617,537,669	22.2	XXX	609,515,972
15.8 Line 15.7 as a % of Col. 7	25.5	34.9	13.9	12.3	13.3		100.0	XXX	XXX	XXX	XXX	100.0
15.9 Line 15.7 as a % of Line 12.7, Col. 7, Section 12	5.5	7.5	3.0	2.6	2.9		21.4	XXX	XXX	XXX	XXX	21.4

(a) Includes \$ 609,515,972 freely tradable under SEC Rule 144 or qualified for resale under SEC Rule 144A.  
 (b) Includes \$ 11,000,000 current year of bonds with Z designations and \$ prior year of bonds with Z designations. The letter "Z" means the NAIC designation was not assigned by the Securities Valuation Office (SVO) at the date of the statement.  
 (c) Includes \$ current year, \$ prior year of bonds with 5GI designations and \$ current year, \$ prior year of bonds with 6\* designations. "5GI" means the NAIC designation was assigned by the (SVO) in reliance on the insurer's certification that the issuer is current in all principal and interest payments. "6\*" means the NAIC designation was assigned by the SVO due to inadequate certification of principal and interest payments.  
 (d) Includes the following amount of short-term and cash equivalent bonds by NAIC designation: NAIC 1 \$ 78,482,526 ; NAIC 2 \$ ; NAIC 3 \$ ; NAIC 4 \$ ; NAIC 5 \$ ; NAIC 6 \$

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 1A - SECTION 2**

Maturity Distribution of All Bonds Owned December 31, at Book/Adjusted Carrying Values by Major Type and Subtype of Issues

Distribution by Type	1 1 Year or Less	2 Over 1 Year Through 5 Years	3 Over 5 Years Through 10 Years	4 Over 10 Years Through 20 Years	5 Over 20 Years	6 No Maturity Date	7 Total Current Year	8 Col. 7 as a % of Line 12.09	9 Total from Col. 7 Prior Year	10 % From Col. 8 Prior Year	11 Total Publicly Traded	12 Total Privately Placed
<b>1. U.S. Governments</b>												
1.01 Issuer Obligations .....	111,910,249	162,485,246	29,729,596	95,372,344	109,169,920	XXX	508,667,355	17.9	465,010,866	16.7	508,667,355	
1.02 Residential Mortgage-Backed Securities .....	10,869,488	29,991,192	19,594,836	13,795,556	2,677,372	XXX	76,928,444	2.7	95,068,054	3.4	76,928,444	
1.03 Commercial Mortgage-Backed Securities .....	3,562,544	10,825,538	19,130,472	20,370,476	2,848,670	XXX	56,737,700	2.0	71,634,251	2.6	56,737,700	
1.04 Other Loan-Backed and Structured Securities ...						XXX						
1.05 Totals	126,342,281	203,301,976	68,454,904	129,538,376	114,695,962	XXX	642,333,499	22.5	631,713,171	22.7	642,333,499	
<b>2. All Other Governments</b>												
2.01 Issuer Obligations .....						XXX						
2.02 Residential Mortgage-Backed Securities .....						XXX						
2.03 Commercial Mortgage-Backed Securities .....						XXX						
2.04 Other Loan-Backed and Structured Securities ...						XXX						
2.05 Totals						XXX						
<b>3. U.S. States, Territories and Possessions, Guaranteed</b>												
3.01 Issuer Obligations .....	1,822,218	18,725,885	104,660,088	106,183,914	6,707,590	XXX	238,099,695	8.4	244,103,649	8.8	238,099,695	
3.02 Residential Mortgage-Backed Securities .....						XXX						
3.03 Commercial Mortgage-Backed Securities .....						XXX						
3.04 Other Loan-Backed and Structured Securities ...						XXX						
3.05 Totals	1,822,218	18,725,885	104,660,088	106,183,914	6,707,590	XXX	238,099,695	8.4	244,103,649	8.8	238,099,695	
<b>4. U.S. Political Subdivisions of States, Territories and Possessions, Guaranteed</b>												
4.01 Issuer Obligations .....	4,441,017	12,194,578	62,027,002			XXX	78,662,597	2.8	101,895,140	3.7	78,662,597	
4.02 Residential Mortgage-Backed Securities .....						XXX						
4.03 Commercial Mortgage-Backed Securities .....						XXX						
4.04 Other Loan-Backed and Structured Securities ...						XXX						
4.05 Totals	4,441,017	12,194,578	62,027,002			XXX	78,662,597	2.8	101,895,140	3.7	78,662,597	
<b>5. U.S. Special Revenue &amp; Special Assessment Obligations etc., Non-Guaranteed</b>												
5.01 Issuer Obligations .....	10,720,826	19,675,307	11,189,887	36,539,485	69,121,630	XXX	147,247,135	5.2	81,432,039	2.9	147,247,135	
5.02 Residential Mortgage-Backed Securities .....	23,158,173	81,542,475	151,705,593	74,120,210	18,202,819	XXX	348,729,270	12.2	299,455,638	10.7	348,729,270	
5.03 Commercial Mortgage-Backed Securities .....		2,499,999	19,011,206	4,030,262	10,997,115	XXX	36,538,582	1.3	34,319,706	1.2	36,538,582	
5.04 Other Loan-Backed and Structured Securities ...						XXX						
5.05 Totals	33,878,999	103,717,781	181,906,686	114,689,957	98,321,564	XXX	532,514,987	18.7	415,207,383	14.9	532,514,987	
<b>6. Industrial and Miscellaneous</b>												
6.01 Issuer Obligations .....	13,974,054	303,355,307	174,178,346	148,561,772	207,741,822	XXX	847,811,301	29.8	846,453,964	30.4	744,566,546	103,244,755
6.02 Residential Mortgage-Backed Securities .....	22,527,911	75,539,265	56,994,876	48,811,011	13,693,248	XXX	217,566,311	7.6	231,119,719	8.3	1,150,651	216,415,660
6.03 Commercial Mortgage-Backed Securities .....	126,074,355	69,168,055				XXX	195,242,410	6.9	277,090,107	9.9		195,242,410
6.04 Other Loan-Backed and Structured Securities ...	6,336,759	57,057,657	20,049,735	8,324,304	4,844,622	XXX	96,613,077	3.4	39,448,049	1.4	1,999,930	94,613,147
6.05 Totals	168,913,079	505,120,284	251,222,957	205,697,087	226,279,692	XXX	1,357,233,099	47.6	1,394,111,839	50.0	747,717,127	609,515,972
<b>7. Hybrid Securities</b>												
7.01 Issuer Obligations .....						XXX						
7.02 Residential Mortgage-Backed Securities .....						XXX						
7.03 Commercial Mortgage-Backed Securities .....						XXX						
7.04 Other Loan-Backed and Structured Securities ...						XXX						
7.05 Totals						XXX						
<b>8. Parent, Subsidiaries and Affiliates</b>												
8.01 Issuer Obligations .....						XXX						
8.02 Residential Mortgage-Backed Securities .....						XXX						
8.03 Commercial Mortgage-Backed Securities .....						XXX						
8.04 Other Loan-Backed and Structured Securities ...						XXX						
8.05 Affiliated Bank Loans - Issued .....						XXX						
8.06 Affiliated Bank Loans - Acquired .....						XXX						
8.07 Totals						XXX						

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 1A - SECTION 2 (Continued)**

Maturity Distribution of All Bonds Owned December 31, at Book/Adjusted Carrying Values by Major Type and Subtype of Issues

Distribution by Type	1 1 Year or Less	2 Over 1 Year Through 5 Years	3 Over 5 Years Through 10 Years	4 Over 10 Years Through 20 Years	5 Over 20 Years	6 No Maturity Date	7 Total Current Year	8 Col. 7 as a % of Line 12.09	9 Total from Col. 7 Prior Year	10 % From Col. 8 Prior Year	11 Total Publicly Traded	12 Total Privately Placed
<b>9. SVO Identified Funds</b>												
9.01 Exchange Traded Funds Identified by the SVO	XXX	XXX	XXX	XXX	XXX							
<b>10. Unaffiliated Bank Loans</b>												
10.01 Unaffiliated Bank Loans - Issued						XXX						
10.02 Unaffiliated Bank Loans - Acquired						XXX						
10.03 Totals						XXX						
<b>11. Unaffiliated Certificates of Deposit</b>												
11.01 Totals						XXX			XXX	XXX		
<b>12. Total Bonds Current Year</b>												
12.01 Issuer Obligations	142,868,364	516,436,323	381,784,919	386,657,515	392,740,962	XXX	1,820,488,083	63.9	XXX	XXX	1,717,243,328	103,244,755
12.02 Residential Mortgage-Backed Securities	56,555,572	187,072,932	228,295,305	136,726,777	34,573,439	XXX	643,224,025	22.6	XXX	XXX	426,808,365	216,415,660
12.03 Commercial Mortgage-Backed Securities	129,636,899	82,493,592	38,141,678	24,400,738	13,845,785	XXX	288,518,692	10.1	XXX	XXX	93,276,282	195,242,410
12.04 Other Loan-Backed and Structured Securities	6,336,759	57,057,657	20,049,735	8,324,304	4,844,622	XXX	96,613,077	3.4	XXX	XXX	1,999,930	94,613,147
12.05 SVO Identified Funds	XXX	XXX	XXX	XXX	XXX				XXX	XXX		
12.06 Affiliated Bank Loans						XXX			XXX	XXX		
12.07 Unaffiliated Bank Loans						XXX			XXX	XXX		
12.08 Unaffiliated Certificates of Deposit						XXX			XXX	XXX		
12.09 Totals	335,397,594	843,060,504	668,271,637	556,109,334	446,004,808		2,848,843,877	100.0	XXX	XXX	2,239,327,905	609,515,972
12.10 Line 12.09 as a % of Col. 7	11.8	29.6	23.5	19.5	15.7		100.0	XXX	XXX	XXX	78.6	21.4
<b>13. Total Bonds Prior Year</b>												
13.01 Issuer Obligations	84,471,714	392,419,334	567,739,940	417,437,274	276,827,396	XXX	XXX	XXX	1,738,895,658	62.4	1,665,390,013	73,505,645
13.02 Residential Mortgage-Backed Securities	109,387,295	273,577,277	177,833,999	59,735,194	5,109,646	XXX	XXX	XXX	625,643,411	22.4	396,149,621	229,493,790
13.03 Commercial Mortgage-Backed Securities	75,633,728	210,367,613	41,841,146	39,046,904	16,154,673	XXX	XXX	XXX	383,044,064	13.7	105,953,957	277,090,107
13.04 Other Loan-Backed and Structured Securities	3,880,800	19,554,316	3,008,599	5,501,991	7,502,343	XXX	XXX	XXX	39,448,049	1.4	1,999,922	37,448,127
13.05 SVO Identified Funds	XXX	XXX	XXX	XXX	XXX		XXX	XXX				
13.06 Affiliated Bank Loans						XXX	XXX	XXX				
13.07 Unaffiliated Bank Loans						XXX	XXX	XXX				
13.08 Unaffiliated Certificates of Deposit						XXX	XXX	XXX				
13.09 Totals	273,373,537	895,918,540	790,423,684	521,721,363	305,594,058		XXX	XXX	2,787,031,182	100.0	2,169,493,513	617,537,669
13.10 Line 13.09 as a % of Col. 9	9.8	32.1	28.4	18.7	11.0		XXX	XXX	100.0	XXX	77.8	22.2
<b>14. Total Publicly Traded Bonds</b>												
14.01 Issuer Obligations	142,086,752	502,830,922	373,475,949	368,857,249	329,992,456	XXX	1,717,243,328	60.3	1,665,390,013	59.8	1,717,243,328	XXX
14.02 Residential Mortgage-Backed Securities	34,169,395	111,969,469	171,667,061	88,122,250	20,880,190	XXX	426,808,365	15.0	396,149,621	14.2	426,808,365	XXX
14.03 Commercial Mortgage-Backed Securities	3,562,544	13,325,537	38,141,678	24,400,738	13,845,785	XXX	93,276,282	3.3	105,953,957	3.8	93,276,282	XXX
14.04 Other Loan-Backed and Structured Securities		1,999,930				XXX	1,999,930	0.1	1,999,922	0.1	1,999,930	XXX
14.05 SVO Identified Funds	XXX	XXX	XXX	XXX	XXX							XXX
14.06 Affiliated Bank Loans						XXX						XXX
14.07 Unaffiliated Bank Loans						XXX						XXX
14.08 Unaffiliated Certificates of Deposit						XXX			XXX	XXX		XXX
14.09 Totals	179,818,691	630,125,858	583,284,688	481,380,237	364,718,431		2,239,327,905	78.6	2,169,493,513	77.8	2,239,327,905	XXX
14.10 Line 14.09 as a % of Col. 7	8.0	28.1	26.0	21.5	16.3		100.0	XXX	XXX	XXX	100.0	XXX
14.11 Line 14.09 as a % of Line 12.09, Col. 7, Section 12	6.3	22.1	20.5	16.9	12.8		78.6	XXX	XXX	XXX	78.6	XXX
<b>15. Total Privately Placed Bonds</b>												
15.01 Issuer Obligations	781,612	13,605,401	8,308,970	17,800,266	62,748,506	XXX	103,244,755	3.6	73,505,645	2.6	XXX	103,244,755
15.02 Residential Mortgage-Backed Securities	22,386,177	75,103,463	56,628,244	48,604,527	13,693,249	XXX	216,415,660	7.6	229,493,790	8.2	XXX	216,415,660
15.03 Commercial Mortgage-Backed Securities	126,074,355	69,168,055	20,049,735	8,324,304	4,844,622	XXX	195,242,410	6.9	277,090,107	9.9	XXX	195,242,410
15.04 Other Loan-Backed and Structured Securities	6,336,759	55,057,727				XXX	94,613,147	3.3	37,448,127	1.3	XXX	94,613,147
15.05 SVO Identified Funds	XXX	XXX	XXX	XXX	XXX						XXX	
15.06 Affiliated Bank Loans						XXX					XXX	
15.07 Unaffiliated Bank Loans						XXX					XXX	
15.08 Unaffiliated Certificates of Deposit						XXX			XXX	XXX	XXX	
15.09 Totals	155,578,903	212,934,646	84,986,949	74,729,097	81,286,377		609,515,972	21.4	617,537,669	22.2	XXX	609,515,972
15.10 Line 15.09 as a % of Col. 7	25.5	34.9	13.9	12.3	13.3		100.0	XXX	XXX	XXX	XXX	100.0
15.11 Line 15.09 as a % of Line 12.09, Col. 7, Section 12	5.5	7.5	3.0	2.6	2.9		21.4	XXX	XXX	XXX	XXX	21.4

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE DA - VERIFICATION BETWEEN YEARS**

Short-Term Investments

	1	2	3	4	5
	Total	Bonds	Mortgage Loans	Other Short-term Investment Assets (a)	Investments in Parent, Subsidiaries and Affiliates
1. Book/adjusted carrying value, December 31 of prior year .....					
2. Cost of short-term investments acquired .....	95,655,820	95,655,820			
3. Accrual of discount .....					
4. Unrealized valuation increase (decrease) .....					
5. Total gain (loss) on disposals .....	34,845	34,845			
6. Deduct consideration received on disposals .....	17,208,139	17,208,139			
7. Deduct amortization of premium .....					
8. Total foreign exchange change in book/adjusted carrying value .....					
9. Deduct current year's other than temporary impairment recognized .....					
10. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9) .....	78,482,526	78,482,526			
11. Deduct total nonadmitted amounts .....					
12. Statement value at end of current period (Line 10 minus Line 11)	78,482,526	78,482,526			

(a) Indicate the category of such assets, for example, joint ventures, transportation equipment: 0

Schedule DB - Part A - Verification - Options, Caps, Floors, Collars, Swaps and Forwards

**N O N E**

Schedule DB - Part B - Verification - Futures Contracts

**N O N E**

Schedule DB - Part C - Section 1 - Replication (Synthetic Asset) Transactions (RSATs) Open

**N O N E**

Schedule DB-Part C-Section 2-Reconciliation of Replication (Synthetic Asset) Transactions Open

**N O N E**

Schedule DB - Verification - Book/Adjusted Carrying Value, Fair Value and Potential Exposure of  
Derivatives

**N O N E**

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY  
**SCHEDULE E - PART 2 - VERIFICATION BETWEEN YEARS**

(Cash Equivalents)

	1	2	3	4
	Total	Bonds	Money Market Mutual funds	Other (a)
1. Book/adjusted carrying value, December 31 of prior year .....	114,658,694		114,658,694	
2. Cost of cash equivalents acquired .....	1,491,178,784	358,180,372	1,132,998,412	
3. Accrual of discount .....				
4. Unrealized valuation increase (decrease) .....	(1,704)		(1,704)	
5. Total gain (loss) on disposals .....	(39,190)		(39,190)	
6. Deduct consideration received on disposals .....	1,488,731,861	358,180,372	1,130,551,489	
7. Deduct amortization of premium .....				
8. Total foreign exchange change in book/adjusted carrying value .....				
9. Deduct current year's other than temporary impairment recognized .....				
10. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9) .....	117,064,723		117,064,723	
11. Deduct total nonadmitted amounts .....				
12. Statement value at end of current period (Line 10 minus Line 11)	117,064,723		117,064,723	

(a) Indicate the category of such investments, for example, joint ventures, transportation equipment:

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE A - PART 1**

Showing All Real Estate OWNED December 31 of Current Year

1 Description of Property	2 Code	Location		5 Date Acquired	6 Date of Last Appraisal	7 Actual Cost	8 Amount of Encumbrances	9 Book/Adjusted Carrying Value Less Encumbrances	10 Fair Value Less Encumbrances	Change in Book/Adjusted Carrying Value Less Encumbrances					16 Gross Income Earned Less Interest Incurred on Encumbrances	17 Taxes, Repairs and Expenses Incurred
		3 City	4 State							11 Current Year's Depreciation	12 Current Year's Other-Than-Temporary Impairment Recognized	13 Current Year's Change in Encumbrances	14 Total Change in Book/Adjusted Carrying Value (13-11-12)	15 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
Office park with four undeveloped lots totaling 20.37 acres		Lincoln	RI	09/25/1992		7,992,165		3,816,307	3,816,307	145,560			(145,560)		2,448,764	
Four-story office building on 19.07 acres of land (10)		Lincoln	RI	09/25/1992		15,564,837		4,298,717	4,298,717	149,901			(149,901)	2,238,804	1,739,587	
Three-story office building on 12.4 acres of land (25)		Lincoln	RI	09/25/1992		38,272,161		7,367,857	7,367,857	715,771			(715,771)	4,601,664	3,768,855	
Four-story office building with full basement on 8.07 acres of land (50)		Lincoln	RI	09/25/1992		19,891,913		5,050,102	5,050,102	636,821			(636,821)	2,488,392	1,794,255	
Five-story office building on 21.98 acres of land (100)		Lincoln	RI	09/25/1992		35,966,754		14,079,581	14,079,581	787,669			(787,669)	2,704,536	2,268,684	
Two-story office building located on 6.39 acres of land		Raynham	MA	03/22/1995		5,516,237		2,264,974	2,264,974	120,569			(120,569)	580,476	594,835	
One-story office building located on 6 acres of land		Lincoln	RI	01/10/1994	12/31/2014	10,914,467		7,721,118	7,721,118	627,938			(627,938)	697,896	585,155	
0299999. Property occupied by the reporting entity - Administrative						134,118,534		44,598,656	44,598,656	3,184,229			(3,184,229)	13,311,768	13,200,134	
0399999. Total Property occupied by the reporting entity						134,118,534		44,598,656	44,598,656	3,184,229			(3,184,229)	13,311,768	13,200,134	
0699999 - Totals						134,118,534		44,598,656	44,598,656	3,184,229			(3,184,229)	13,311,768	13,200,134	

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE A - PART 3**

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

1	Location		4	5	6	7	8	Change in Book/Adjusted Carrying Value Less Encumbrances					14	15	16	17	18	19	20
	2	3						9	10	11	12	13							
Description of Property	City	State	Disposal Date	Name of Purchaser	Actual Cost	Expended for Additions, Permanent Improvements and Changes in Encumbrances	Book/Adjusted Carrying Value Less Encumbrances Prior Year	Current Year's Depreciation	Current Year's Other-Than-Temporary Impairment Recognized	Current Year's Change in Encumbrances	Total Change in Book/Adjusted Carrying Value (11-9-10)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Book/Adjusted Carrying Value Less Encumbrances on Disposal	Amounts Received During Year	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Gross Income Earned Less Interest Incurred on Encumbrances	Taxes, Repairs and Expenses Incurred
<b>NONE</b>																			
0399999 - Totals																			



ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE B - PART 1**

Showing All Mortgage Loans OWNED December 31 of Current Year

1 Loan Number	2 Code	3 Location		5 Loan Type	6 Date Acquired	7 Rate of Interest	8 Book Value/Recorded Investment Excluding Accrued Interest	9 Change in Book Value/Recorded Investment					14 Value of Land and Buildings	15 Date of Last Appraisal or Valuation	
		3 City	4 State					9 Unrealized Valuation Increase (Decrease)	10 Current Year's (Amortization)/ Accretion	11 Current Year's Other-Than-Temporary Impairment Recognized	12 Capitalized Deferred Interest and Other	13 Total Foreign Exchange Change in Book Value			
JP1210306		Studio City	CA		02/02/2015	4.216	1,401,679						2,461,827	12/31/2022	
JP1210900		Napa	CA		03/04/2016	4.040	2,021,148						3,191,332	12/31/2022	
JP1211205		Nashville	TN		05/17/2016	4.110	8,224,399						16,662,291	12/31/2022	
JP1211304		Washington	DC		05/26/2016	3.900	1,903,323						2,885,725	12/31/2022	
JP1211502		Sadsburyville	PA		06/24/2016	4.192	1,228,417						4,300,006	12/31/2022	
JP1211601		Austin	TX		06/05/2016	3.750	8,035,714						13,841,574	12/31/2022	
JP1211700		Vista	CA		11/14/2016	4.256	2,369,721						3,557,570	12/31/2022	
JP1212104		San Marcos	CA		01/03/2017	4.724	12,279,049						19,379,279	12/31/2022	
JP1212500		Fayetteville	AR		06/28/2017	4.200	6,707,531						8,551,646	12/31/2022	
JP1212708		Lake Worth	FL		09/01/2017	4.134	4,086,695						8,184,849	12/31/2022	
JP1213300		Milwaukee	WI		12/27/2017	4.667	3,611,267						5,899,737	12/31/2022	
JP1213409		Indianapolis	IN		01/18/2018	4.421	8,883,552						19,322,174	12/31/2022	
JP1213607		Atlanta	GA		04/12/2018	4.458	3,916,977						5,488,907	12/31/2022	
JP1213904		Madison	WI		06/01/2018	4.238	1,812,919						2,770,162	12/31/2022	
JP1214407		Somerville	MA		11/08/2018	4.484	3,978,850						11,997,309	12/31/2022	
JP1214506		Smithtown	NY		12/05/2018	4.585	2,707,608						13,024,018	12/31/2022	
JP1214803		North Las Vegas	NV		05/15/2019	4.250	5,389,798						12,197,861	12/31/2022	
JP1215305		Nashville	TN		11/04/2019	3.450	9,384,531						14,917,101	12/31/2022	
JP1215404		Philadelphia	PA		11/15/2019	3.950	5,876,990						10,643,179	12/31/2022	
JP1215909		Overland Park	KS		01/31/2020	3.434	8,023,332						12,567,431	12/31/2022	
JP1216402		Arden	NC		05/28/2020	3.250	3,392,707						6,667,800	12/31/2022	
JP1216501		Yonkers	NY		08/06/2020	3.500	4,632,181						10,301,045	12/31/2022	
JP1219307		Myrtle Beach	SC		10/06/2022	4.750	3,125,000						7,916,667	12/31/2022	
0599999		Mortgages in good standing - Commercial mortgages-all other						112,993,388						216,729,490	XXX
0899999		Total Mortgages in good standing						112,993,388						216,729,490	XXX
1699999		Total - Restructured Mortgages													XXX
2499999		Total - Mortgages with overdue interest over 90 days													XXX
3299999		Total - Mortgages in the process of foreclosure													XXX
3399999		Totals						112,993,388						216,729,490	XXX

General Interrogatory:

- Mortgages in good standing \$ ..... unpaid taxes \$ ..... 383,333 interest due and unpaid.
- Restructured mortgages \$ ..... unpaid taxes \$ ..... interest due and unpaid.
- Mortgages with overdue interest over 90 days not in process of foreclosure \$ ..... unpaid taxes \$ ..... interest due and unpaid.
- Mortgages in process of foreclosure \$ ..... unpaid taxes \$ ..... interest due and unpaid.



ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE B - PART 3**

Showing All Mortgage Loans DISPOSED, Transferred or Repaid During the Current Year

1 Loan Number	Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/ Recorded Investment Excluding Accrued Interest Prior Year	Change in Book Value/Recorded Investment					14 Book Value/ Recorded Investment Excluding Accrued Interest on Disposal	15 Consid- eration	16 Foreign Exchange Gain (Loss) on Disposal	17 Realized Gain (Loss) on Disposal	18 Total Gain (Loss) on Disposal
	2 City	3 State					8 Unrealized Valuation Increase (Decrease)	9 Current Year's (Amortization) /Accretion	10 Current Year's Other- Than- Temporary Impairment Recognized	11 Capitalized Deferred Interest and Other	12 Total Change in Book Value (8+9-10+11)					
JP1212203	Tampa	FL		01/18/2017	05/10/2022	9,549,706						9,549,706	9,549,706			
JP1214605	Chadds Ford	PA		01/18/2019	10/14/2022	5,673,003						5,673,003	5,673,003			
<b>0199999. Mortgages closed by repayment</b>						15,222,709						15,222,709	15,222,709			
JP1210306	Studio City	CA		02/02/2015		1,455,830						54,152	54,152			
JP1211205	Nashville	TN		05/17/2016		5,749,508						168,613	168,613			
JP1211502	Sadsburyville	PA		06/24/2016		1,265,263						36,846	36,846			
JP1211700	Vista	CA		11/14/2016		2,418,565						48,844	48,844			
JP1212104	San Marcos	CA		01/03/2017		12,482,965						203,916	203,916			
JP1212708	Lake Worth	FL		09/01/2017		4,173,924						87,229	87,229			
JP1213300	Milwaukee	WI		12/27/2017		3,680,611						69,344	69,344			
JP1213409	Indianapolis	IN		01/18/2018		9,150,805						267,253	267,253			
JP1213607	Atlanta	GA		04/12/2018		3,988,413						71,436	71,436			
JP1214506	Smithtown	NY		12/05/2018		2,782,171						74,563	74,563			
JP1214803	North Las Vegas	NV		05/15/2019		6,026,094						636,295	636,295			
JP1215305	Nashville	TN		11/04/2019		9,569,755						185,224	185,224			
JP1215404	Philadelphia	PA		11/15/2019		5,996,588						119,598	119,598			
JP1215909	Overland Park	KS		01/31/2020		7,859,096						129,562	129,562			
JP1216402	Arden	NC		05/28/2020		3,467,878						75,171	75,171			
JP1216501	Yonkers	NY		08/06/2020		4,666,438						34,257	34,257			
<b>0299999. Mortgages with partial repayments</b>						84,733,904						2,262,303	2,262,303			
<b>0599999 - Totals</b>						99,956,613						17,485,012	17,485,012			

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE BA - PART 1**

Showing Other Long-Term Invested Assets OWNED December 31 of Current Year

1	2	3	4 Location		6	7	8	9	10	11	12	Change in Book/Adjusted Carrying Value					18	19	20
			4	5								13	14	15	16	17			
CUSIP Identification	Name or Description	Code	City	State	Name of Vendor or General Partner	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Date Originally Acquired	Type and Strategy	Actual Cost	Fair Value	Book/ Adjusted Carrying Value Less Encumbrances	Unrealized Valuation Increase (Decrease)	Current Year's (Depreciation) or (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Capitalized Deferred Interest and Other	Total Foreign Exchange in Book/ Adjusted Carrying Value	Investment Income	Commitment for Additional Investment	Percentage of Ownership
000000-00-0	Adams Street Private Credit Fund, LP		New York	NY	Adams Street Private Credit Fund GP LP		12/26/2017		8,682,980	10,166,390	10,166,390	58,295				980,810	3,000,001	5.354	
000000-00-0	Adams Street Senior Private Credit Fund II, LP		New York	NY	Adams Street Private Credit Fund II GP LP		05/07/2020		1,385,361	1,401,886	1,401,886	(56,736)				124,878	597,868	0.459	
000000-00-0	AEA Mezzanine Fund III, LP		New York	NY	AEA Mezzanine Partner III LP		02/13/2014		292,765	990,991	990,991	636,880				589,410	472,473	2.609	
000000-00-0	Aquiline Technology Growth Fund II		New York	NY	Aquiline Capital Partners Blackstone Management Associates VIII L.P.		04/28/2022	1	3,187,630	2,809,156	2,809,156	(378,474)					13,012,370	4.437	
000000-00-0	Blackstone Capital Partners VIII L.P.		New York	NY	L.P.		02/22/2021	3	14,909,687	16,683,541	16,683,541	(154,374)				377,952	17,062,280	0.125	
000000-00-0	Cyprum Investors IV, LP		Cleveland	OH	Cyprum IV Management LLC		11/03/2014		812,104	2,339,966	2,339,966	500,408				934,048	903,514	2.656	
000000-00-0	Cyprum Parallel Investors V, LP		Cleveland	OH	Cyprum Investment Partners LLC		08/15/2019		1,997,045	2,117,939	2,117,939	62,859				145,771	818,838	1.486	
000000-00-0	First Eagle Credit Direct Lending IV, LLC		Boston	MA	First Eagle Alternative Credit, LLC		11/02/2018		87,495	163,509	163,509	27,942				1,611	286,399	0.321	
000000-00-0	First Eagle Direct Lending IV Co-Invest, LLC		Boston	MA	First Eagle Alternative Credit, LLC		12/05/2018		8,184,486	8,290,091	8,290,091	(20,651)				539,662	1,189,673	27.996	
000000-00-0	GCG Investors IV, LP		Chicago	IL	GCG General Partners, LLC		03/14/2017		2,573,349	2,931,665	2,931,665	65,470				318,862	628,300	2.491	
000000-00-0	GLC Direct Credit Fund, LP		San Francisco	CA	GLC Investment Advisors, LLC		05/27/2015		1,649,445	4,400,914	4,400,914	1,850,719				531,130		32.609	
000000-00-0	Goldman Sachs Private Equity Partners XI, LP		New York	NY	Goldman Sachs Asset Management, L.P.		08/19/2011	3	20,989	297,269	297,269	(21,381)				102,863	143,089	0.377	
000000-00-0	GoldPoint Mezzanine Partners IV, LP		New York	NY	GoldPoint Partners LLC		12/21/2015		11,289,135	11,491,221	11,491,221	(597,199)				1,147,189	1,467,662	0.962	
000000-00-0	Graycliff Mezzanine II Parallel, LP		New York	NY	Graycliff Mezzanine II Parallel GP LP		04/16/2014		45,452	190,844	190,844	75,887				26,239	416,066	3.603	
000000-00-0	Graycliff Mezzanine III, LP		New York	NY	Graycliff Mezzanine III GP LP Heartwood Forestland Advisors VIII, LLC		05/15/2018		4,181,973	4,181,973	4,181,973	(228,193)				583,563	287,415	5.213	
000000-00-0	Heartwood Forestland REIT III, LLC		Chapel Hill	NC			07/14/2015		1,525,336	1,525,336	1,525,336	(135,223)				2,234,442		5.704	
000000-00-0	ISQ Global Infrastructure Fund III, LP		Miami	FL	1 Squared Capital Advisors, LLC		06/22/2022		1,686,567	1,459,090	1,459,090	(227,477)					13,358,857	0.100	
000000-00-0	Lazard Asset Management LLC		Nashua	NH	Lazard Asset Management LLC Lyme Conservation Opportunities Fund LP		01/07/2022		97,527,858	79,687,485	79,687,485	(17,840,373)						6.700	
000000-00-0	Lyme Conservation Opportunities Fund, LP		Hanover	NH			07/31/2019		2,485,510	3,176,110	3,176,110	320,022					5,115,000	16.377	
000000-00-0	Lyme Forest Fund IV, LP		Hanover	NH	LFF IV GP LLC		03/11/2016		8,452,781	9,037,844	9,037,844	(647,655)				4,357,831		6.400	
000000-00-0	Lyme Forest Fund V, LP		Hanover	NH	LFF V GP LLC		05/02/2018		15,291,460	23,282,576	23,282,576	7,550,884				766,929	2,000,000	10.402	
000000-00-0	ManchesterStory Venture Fund, LP		West Des Moines	IA	ManchesterStory GP1, LLC Midwest Mezzanine Management V SBIC LLC		11/28/2018	1	3,899,248	8,018,926	8,018,926	3,736,937					1,573,545	5.580	
000000-00-0	Midwest Mezzanine Fund V SBIC, LP		Chicago	IL			07/03/2013		3,229,892	4,587,858	4,587,858	495,701				1,707,165	951,788	10.486	
000000-00-0	Midwest Mezzanine Fund VI SBIC, LP		Chicago	IL			08/06/2018		3,973,636	5,228,400	5,228,400	111,748					1,986,366	7.113	
000000-00-0	Morgan Stanley IFHF SPV, LP		West Conshohocken	PA	Morgan Stanley AIP GP LP		07/01/2011	13	67,080	80,258	80,258	(5,124)						2.085	
000000-00-0	Morgan Stanley Premium Partners Fund, LP		West Conshohocken	PA	Morgan Stanley AIP GP LP Global Diversified Alternatives AIP GP		07/01/2010	13	46,775	198,956	198,956	(58,590)						0.929	
000000-00-0	Morgan Stanley Private Markets Fund III, LP		West Conshohocken	PA	LP		04/26/2006	3	366,409	465,704	465,704	(1,098,906)					438,327	1.756	
000000-00-0	PJC Fund V, LP		Boston	MA	PJC Partners V, LLC		01/08/2020	1	23,092,488	31,818,468	31,818,468	3,089,407					14,982,512	44.330	
000000-00-0	Point Judith Venture Fund III, LP		Boston	MA	Point Judith Capital Partners III, LLC		06/03/2013	1	1,643,364	2,654,917	2,654,917	(13,554,052)				14,589,909		24.934	
000000-00-0	Point Judith Venture Fund IV, LP		Boston	MA	Point Judith Capital Partners IV, LLC		12/28/2015	1	24,473,035	57,743,312	57,743,312	(63,069,827)						44.535	
000000-00-0	Savano Capital Partners II, LP		Baltimore	MD	Savano Direct GP II, LLC		06/22/2016	1	7,896,128	10,369,711	10,369,711	56,910				92,132	842,493	18.280	
000000-00-0	Savano Capital Partners III LP		Baltimore	MD	Savano Direct GP III, LLC		05/17/2021	1	9,087,339	10,615,215	10,615,215	(932,808)				26,208	10,959,426	12.732	
000000-00-0	Stonepeak Capital Partners Fund III, LP		New York	NY	Stonepeak Associates III LLC Thoma Bravo Discover Partners IV, L.P.		02/22/2018		17,674,468	28,259,596	28,259,596	2,052,505				1,564,606	4,091,201	0.315	
000000-00-0	Thoma Bravo Discover Fund IV, LP		Chicago	IL	L.P.		12/08/2022	3	1,544,784	1,544,784	1,544,784						8,455,216	0.228	
000000-00-0	Thoma Bravo Fund XV, LP		Chicago	IL	Thoma Bravo USP XV, LLC		08/02/2022	3	10,732,864	10,651,151	10,651,151	(81,713)					9,266,076	0.271	
000000-00-0	WCM Investment Management LLC		Laguna Beach	CA	WCM Investment Management LLC		01/25/2022		22,358,328	22,358,328	22,358,328					9,216,672		7.610	
<b>2599999. Joint Venture Interests - Other - Unaffiliated</b>									316,355,246	381,221,380	381,221,380	(78,416,182)				31,743,210	114,306,755	XXX	
000000-00-0	Amica General Agency, LLC		Lincoln	RI	Amica General Agency, LLC		01/01/2015		200,000	1,286,356	1,286,356	(263,469)				1,800,000			
<b>5999999. Any Other Class of Assets - Affiliated</b>									200,000	1,286,356	1,286,356	(263,469)				1,800,000		XXX	
<b>6099999. Total - Unaffiliated</b>									316,355,246	381,221,380	381,221,380	(78,416,182)			9,216,672		31,743,210	114,306,755	XXX
<b>6199999. Total - Affiliated</b>									200,000	1,286,356	1,286,356	(263,469)				1,800,000		XXX	
<b>6299999 - Totals</b>									316,555,246	382,507,736	382,507,736	(78,679,651)			9,216,672		33,543,210	114,306,755	XXX

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

1.

Line Number	Book/Adjusted Carrying Value by NAIC Designation Category Footnote:						
1A	1A ..\$ .....	1B ..\$ .....	1C ..\$ .....	1D ..\$ .....	1E ..\$ .....	1F ..\$ .....	1G ..\$ .....
1B	2A ..\$ .....	2B ..\$ .....	2C ..\$ .....				
1C	3A ..\$ .....	3B ..\$ .....	3C ..\$ .....				
1D	4A ..\$ .....	4B ..\$ .....	4C ..\$ .....				
1E	5A ..\$ .....	5B ..\$ .....	5C ..\$ .....				
1F	6 ..\$ .....						

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE BA - PART 2**

Showing Other Long-Term Invested Assets ACQUIRED AND ADDITIONS MADE December 31 of Current Year

1 CUSIP Identification	2 Name or Description	3 Location		5 Name of Vendor or General Partner	6 Date Originally Acquired	7 Type and Strategy	8 Actual Cost at Time of Acquisition	9 Additional Investment Made After Acquisition	10 Amount of Encumbrances	11 Percentage of Ownership	
		City	State								
000000-00-0	Adams Street Senior Private Credit Fund II, LP	New York	NY	Adams Street Private Credit Fund II GP LP	05/07/2020			926,357		0.459	
000000-00-0	AEA Mezzanine Fund III, LP	New York	NY	AEA Mezzanine Partner III LP	02/13/2014			50,176		2.609	
000000-00-0	Aquiline Technology Growth Fund II	New York	NY	Aquiline Capital Partners	04/28/2022	1	2,277,933	918,208		4.437	
000000-00-0	Blackstone Capital Partners VIII L.P.	New York	NY	Blackstone Management Associates VIII L.P.	02/22/2021	3		5,501,421		0.125	
000000-00-0	Cyprum Investors IV, LP	Cleveland	OH	Cyprum IV Management LLC	11/03/2014			11,213		2.656	
000000-00-0	Cyprum Parallel Investors V, LP	Cleveland	OH	Cyprum Investment Partners LLC	08/15/2019			588,116		1.486	
000000-00-0	First Eagle Credit Direct Lending IV, LLC	Boston	MA	First Eagle Alternative Credit, LLC	11/02/2018			30,501		0.321	
000000-00-0	First Eagle Direct Lending IV Co-Invest, LLC	Boston	MA	First Eagle Alternative Credit, LLC	12/05/2018			3,028,352		27.996	
000000-00-0	GCG Investors IV, LP	Chicago	IL	GCG General Partners, LLC	03/14/2017			57,291		2.491	
000000-00-0	GLC Direct Credit Fund, LP	San Francisco	CA	GLC Investment Advisors, LLC	05/27/2015			79,500		32.609	
000000-00-0	Goldman Sachs Private Equity Partners XI, LP	New York	NY	Goldman Sachs Asset Management, L.P.	08/19/2011	3		2,441		0.377	
000000-00-0	GoldPoint Mezzanine Partners IV, LP	New York	NY	GoldPoint Partners LLC	12/21/2015			630,622		962.000	
000000-00-0	Graycliff Mezzanine III, LP	New York	NY	Graycliff Mezzanine III GP LP	05/15/2018			1,901,126		5.213	
000000-00-0	ISQ Global Infrastructure Fund III, LP	Miami	FL	I Squared Capital Advisors, LLC	06/22/2022		1,225,482	461,085		0.100	
000000-00-0	Lazard Asset Management LLC	Nashua	NH	Lazard Asset Management LLC	01/07/2022		30,000,000	69,975,000			
000000-00-0	Lyme Conservation Opportunities Fund, LP	Hanover	NH	Lyme Conservation Opportunities Fund LP	07/31/2019			825,000		16.377	
000000-00-0	ManchesterStory Venture Fund, LP	West Des Moines	IA	ManchesterStory GP1, LLC	11/28/2018	1		631,888		5.580	
000000-00-0	Midwest Mezzanine Fund VI SBIC, LP	Chicago	IL	Midwest Mezzanine Management SBIC VI LLC	08/06/2018			569,058		7.113	
000000-00-0	PJC Fund V, LP	Boston	MA	PJC Partners V, LLC	01/08/2020	1		6,092,000		44.330	
000000-00-0	Savano Capital Partners II, LP	Baltimore	MD	Savano Direct GP II, LLC	06/22/2016	1		375,172		18.280	
000000-00-0	Savano Capital Partners III LP	Baltimore	MD	Savano Direct GP III, LLC	05/17/2021	1		5,996,775		12.732	
000000-00-0	Stonepeak Capital Partners Fund III, LP	New York	NY	Stonepeak Associates III LLC	02/22/2018			1,036,716		0.315	
000000-00-0	Thoma Bravo Discover Fund IV, LP	Chicago	IL	Thoma Bravo Discover Partners IV, L.P.	12/08/2022	3	1,544,784			0.228	
000000-00-0	Thoma Bravo UGP XV, LP	Chicago	IL	Thoma Bravo UGP XV, LLC	08/02/2022	3	6,121,280	4,615,495		0.271	
000000-00-0	WCM Investment Management LLC	Laguna Beach	CA	WCM Investment Management LLC	01/25/2022		31,575,000			7.610	
2599999. Joint Venture Interests - Other - Unaffiliated								72,744,479	104,303,513		XXX
6099999. Total - Unaffiliated								72,744,479	104,303,513		XXX
6199999. Total - Affiliated											XXX
6299999 - Totals								72,744,479	104,303,513		XXX

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE BA - PART 3**

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

1 CUSIP Identification	2 Name or Description	Location		5 Name of Purchaser or Nature of Disposal	6 Date Originally Acquired	7 Disposal Date	8 Book/ Adjusted Carrying Value Less Encum- brances, Prior Year	Change in Book/Adjusted Carrying Value						15 Book/ Adjusted Carrying Value Less Encum- brances on Disposal	16 Consid- eration	17 Foreign Exchange Gain (Loss) on Disposal	18 Realized Gain (Loss) on Disposal	19 Total Gain (Loss) on Disposal	20 Invest- ment Income	
		3 City	4 State					9 Unrealized Valuation Increase (De- crease)	10 Current Year's (Depre- ciation) or (Amorti- zation)/ Accretion	11 Current Year's Other- Than- Tempo- rary Impair- ment Recog- nized	12 Capital- ized Deferred Interest and Other	13 Total Change in Book/ Adjusted Carrying Value (9+10- 11+12)	14 Total Foreign Exchange Change in Book/ Adjusted Carrying Value							
000000-00-0	Adams Street Private Credit Fund, LP	New York	NV	Return of Capital	12/26/2017	08/08/2022	449,390	(63,358)					(63,358)	386,032	386,032					
000000-00-0	Adams Street Senior Private Credit Fund II, LP	New York	NV	Return of Capital	05/07/2020	12/22/2022	285,128	(39,245)					(39,245)	245,883	245,883					
000000-00-0	AEA Mezzanine Fund III, LP	New York	NV	Return of Capital	02/13/2014	11/08/2022	3,503,224	(707,098)					(707,098)	2,796,126	2,796,126					
000000-00-0	Aquiline Technology Growth Fund II	New York	NV	Return of Capital	04/28/2022	04/28/2022								8,510	8,510					
000000-00-0	Blackstone Capital Partners VIII L.P.	New York	NV	Return of Capital	02/22/2021	12/29/2022	429,364	(73,031)					(73,031)	356,333	356,333					
000000-00-0	Cyprium Investors IV, LP	Cleveland	OH	Return of Capital	11/03/2014	07/13/2022	1,546,328	(868,972)					(868,972)	677,356	677,356					
000000-00-0	Cyprium Parallel Investors V, LP	Cleveland	OH	Return of Capital	08/15/2019	05/23/2022	97,138	(3,843)					(3,843)	93,295	93,295					
000000-00-0	First Eagle Credit Direct Lending IV, LLC	Boston	MA	Return of Capital	11/02/2018	10/27/2022	68,299	(31,250)					(31,250)	37,050	37,050					
000000-00-0	First Eagle Direct Lending IV Co-Invest, LLC	Boston	MA	Return of Capital	12/05/2018	10/27/2022	3,628,255	(86,720)					(86,720)	3,541,535	3,541,535					
000000-00-0	GCG Investors IV, LP	Chicago	IL	Return of Capital	03/14/2017	12/28/2022	457,102	(47,656)					(47,656)	409,446	409,446					
000000-00-0	GLC Direct Credit Fund, LP	San Francisco	CA	Return of Capital	05/27/2015	07/14/2022	3,540,929	(1,290,929)					(1,290,929)	2,250,000	2,250,000					
000000-00-0	GoldPoint Mezzanine Partners IV, LP	New York	NV	Return of Capital	12/21/2015	12/19/2022	877,149	(61,189)					(61,189)	815,960	815,960					
000000-00-0	Graycliff Mezzanine II Parallel, LP	New York	NV	Return of Capital	04/16/2014	03/29/2022	61,202	(37,004)					(37,004)	24,198	24,198					
000000-00-0	Graycliff Mezzanine III, LP	New York	NV	Return of Capital	05/15/2018	12/29/2022	698,921	(63,566)					(63,566)	635,355	635,355					
000000-00-0	Heartwood Forestland REIT III, LLC	Chapel Hill	NC	Return of Capital	07/14/2015	12/16/2022	12,329,406	(1,004,011)					(1,004,011)	11,325,395	11,325,395					
000000-00-0	Lazard Asset Management LLC	Nashua	NH	Disposal	01/07/2022	08/08/2022								2,447,142	2,000,000		(447,142)	(447,142)		
000000-00-0	Lyme Conservation Opportunities Fund, LP	Hanover	NH	Return of Capital	07/31/2019	12/05/2022	794,438	(144,948)					(144,948)	649,490	649,490					
000000-00-0	Lyme Forest Fund IV, LP	Hanover	NH	Return of Capital	03/11/2016	08/09/2022	6,194,515	(788,404)					(788,404)	5,406,111	5,406,111					
000000-00-0	Lyme Forest Fund V, LP	Hanover	NH	Return of Capital	05/02/2018	08/10/2022	1,073,301	(30,034)					(30,034)	1,043,267	1,043,267					
000000-00-0	Midwest Mezzanine Fund V SBIC, LP	Chicago	IL	Return of Capital	07/03/2013	12/02/2022	4,043,594	(852,033)					(852,033)	3,191,561	3,191,561					
000000-00-0	Morgan Stanley IFHF SPV, LP	West Conshohocken	PA	Capital Distribution	07/01/2011	04/26/2022	6,687	(1,433)					(1,433)	5,254	6,562		1,308	1,308		
000000-00-0	Morgan Stanley Premium Partners Fund, LP	West Conshohocken	PA	Capital Distribution	07/01/2010	10/26/2022	30,234	(24,743)					(24,743)	5,491	23,931		18,440	18,440		
000000-00-0	Morgan Stanley Private Markets Fund III, LP	West Conshohocken	PA	Capital Distribution	04/26/2006	11/03/2022	1,512,173	(1,158,044)					(1,158,044)	354,129	485,311		131,182	131,182		
000000-00-0	Savano Capital Partners III, LP	Baltimore	MD	Return of Capital	06/22/2016	02/23/2022	216,421	(52,630)					(52,630)	163,791	163,791					
000000-00-0	Stonepeak Capital Partners Fund III, LP	New York	NV	Return of Capital	02/22/2018	02/03/2022	1,651,633	(559,895)					(559,895)	1,091,738	1,091,738					
000000-00-0	Thoma Bravo Fund XV, LP	Chicago	IL	Return of Capital	08/02/2022	12/20/2022								3,911	3,911					
2599999. Joint Venture Interests - Other - Unaffiliated							43,494,831	(7,990,036)					(7,990,036)	37,964,359	37,668,147		(296,212)	(296,212)		
6099999. Total - Unaffiliated							43,494,831	(7,990,036)					(7,990,036)	37,964,359	37,668,147		(296,212)	(296,212)		
6199999. Total - Affiliated																				
6299999 - Totals							43,494,831	(7,990,036)					(7,990,036)	37,964,359	37,668,147		(296,212)	(296,212)		

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 1**

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates		
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22	
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization) Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date	
690353-66-7	JNT DEVELOPMENT FIN CORP US GOVT A	..0.			1.A	2,878,920	104.7900	2,881,715	2,750,000	2,858,422			(20,498)		0.000	(2.352)	N/A				09/13/2022	08/16/2024
89156H-AA-5	TOTE SHIPHOLDINGS INC				1.A	2,983,500	89.4290	2,414,578	2,700,000	2,959,824			(11,227)		3.400	2.733	AO	19,125	91,800	11/10/2020	10/16/2040	
83162C-YR-8	U S SBA PART CERT SER 2017-20F				1.A	5,036,302	91.4860	4,607,531	5,036,302	5,036,302					2.810	2.830	JD		141,520	06/08/2017	06/01/2037	
83162C-WY-5	U S SBA PART CERTIF SER 2015-20D				1.A	7,491,277	90.7090	6,906,664	7,614,114	7,530,426			5,727		2.510	2.633	AO	47,779	191,114	07/30/2015	04/01/2035	
83162C-VV-2	U S SBA PARTIC CERT SER 2013-20J				1.A	5,721,334	93.7390	5,363,127	5,721,334	5,721,334					3.370	3.398	AO	48,202	192,809	10/10/2013	10/01/2033	
83162C-NN-9	U S SBA SBIC SER 2004-20B				1.A	44,543	98.9550	44,077	44,543	44,543					4.720	4.768	FA	876	2,102	02/03/2004	02/01/2024	
83162C-QH-9	U S SBA SBIC SER 2006-20F				1.A	145,245	98.2260	142,669	145,245	145,245					5.820	5.894	JD	704	8,453	06/06/2006	06/01/2026	
83162C-PR-8	U S SBA SBIC-PC SER 2005-20G				1.A	134,779	98.6800	133,000	134,779	134,779					4.750	4.799	JJ	3,201	6,402	07/06/2005	07/01/2025	
83162C-MZ-3	U S SBA SBIC-PS 2003-20E				1.A	7,556	99.5150	7,534	7,571	7,570			1		4.640	4.710	MN	59	351	11/05/2004	05/01/2023	
83162C-PH-0	U S SBA SBIC-PS 2005-20B				1.A	242,040	97.8360	236,802	242,040	242,040					4.625	4.671	FA	4,664	11,194	02/08/2005	02/01/2025	
83162C-MX-8	U S SBA SER 2003-20D				1.A	3,780	99.7290	3,923	3,934	3,930			13		4.760	5.180	AO	47	187	09/18/2006	04/01/2023	
83162C-PX-5	U S SBA SER 2005-20K				1.A	128,346	98.5870	126,394	128,206	128,228			(10)		5.360	5.422	MN	1,145	6,872	11/19/2007	11/01/2025	
83162C-QD-8	U S SBA SER 2006-20C				1.A	251,694	98.8510	254,347	257,303	255,876			393		5.570	5.844	MS	4,777	14,332	06/13/2007	03/01/2026	
83162C-RH-8	U S SBA SER 2007-20J CL 1				1.A	4,420,470	99.0790	4,083,682	4,121,651	4,311,076			(35,031)		5.570	4.536	AO	57,394	229,576	09/19/2019	10/01/2027	
83162C-RL-9	U S SBA SER 2007-20L CL 1				1.A	2,531,992	99.4100	2,353,067	2,367,039	2,472,745			(18,936)		5.290	4.319	JD	10,435	125,216	09/20/2019	12/01/2027	
83162C-SP-9	U S SBA SER 2009-20F				1.A	183,014	97.6110	178,641	183,014	183,014					4.950	5.003	JD	755	9,059	06/09/2009	06/01/2029	
83162C-VB-6	U S SBA SER 2012-203				1.A	1,668,805	90.7780	1,545,154	1,702,125	1,682,576			1,738		2.180	2.328	AO	9,277	37,106	12/09/2019	10/01/2032	
83162C-O6-8	U S SBA SER 2015-25G				1.A	3,646,801	87.6100	3,194,969	3,646,801	3,646,801					2.690	2.708	JJ	49,049	98,099	07/11/2019	07/01/2044	
83162C-KY-4	U S SBA SER 2016-20H				1.A	3,261,762	89.2990	2,912,717	3,261,762	3,261,762					2.040	2.050	FA	27,725	66,540	08/11/2016	08/01/2036	
83162C-YB-3	U S SBA SER 2016-20J				1.A	5,924,793	89.9660	5,342,077	5,937,897	5,927,062			664		2.210	2.238	AO	32,807	131,228	06/25/2019	10/01/2036	
831641-FH-3	U S SBA SER 2017-10A				1.A	4,472,689	93.9760	4,203,241	4,472,689	4,472,689					2.845	2.867	MS	39,395	127,248	03/21/2017	03/10/2027	
83162C-YN-7	U S SBA SER 2017-20D				1.A	2,923,054	91.8560	2,633,166	2,866,618	2,914,037			(2,696)		2.840	2.718	AO	20,353	81,412	07/17/2019	04/01/2037	
83162C-YZ-0	U S SBA SER 2017-20K				1.A	6,011,288	91.5500	5,503,329	6,011,288	6,011,288					2.790	2.806	MN	27,952	167,715	11/09/2017	11/01/2037	
831641-FL-4	U S SBA SER 2018-10B				1.A	9,097,985	94.5170	8,604,841	9,103,985	9,100,327			597		3.548	3.593	MS	100,000	323,009	10/22/2018	09/10/2028	
83162C-ZF-3	U S SBA SER 2018-20B				1.A	9,269,822	93.8090	8,695,946	9,269,822	9,269,822					3.220	3.246	FA	124,370	298,488	02/08/2018	02/01/2038	
83162C-ZM-8	U S SBA SER 2018-20F				1.A	6,810,453	94.0640	5,914,857	6,288,113	6,749,364			(23,222)		3.600	3.025	JD	18,864	226,372	04/20/2020	06/01/2038	
83162C-ZP-1	U S SBA SER 2018-20G CL 1				1.A	3,860,678	94.6820	3,366,571	3,555,668	3,825,237			(13,569)		3.540	2.949	JJ	62,935	125,871	04/28/2020	07/01/2038	
83162C-A3-7	U S SBA SER 2018-20L				1.A	12,378,940	94.6180	11,058,664	11,687,721	12,293,628			(28,992)		3.540	3.149	JD	34,479	413,745	12/18/2019	12/01/2038	
831641-FM-2	U S SBA SER 2019-10A CL 1				1.A	4,556,154	93.9350	4,279,841	4,556,154	4,556,154					3.113	3.140	MS	43,910	141,833	03/12/2019	03/10/2029	
83162C-C7-6	U S SBA SER 2019-20H				1.A	3,633,850	88.0060	3,198,017	3,633,850	3,633,850					2.150	2.162	FA	32,553	78,128	08/08/2019	08/01/2039	
83162C-A9-4	U S SBA SER 2019-25B CL 1				1.A	2,294,404	92.4910	2,016,649	2,180,361	2,284,302			(3,433)		3.450	3.164	FA	31,343	75,222	12/18/2019	02/01/2044	
83162C-B4-4	U S SBA SER 2019-25C				1.A	13,633,821	93.9020	12,758,672	13,587,191	13,629,644			(1,408)		3.420	3.429	MS	154,894	464,682	12/09/2019	03/01/2044	
83162C-E4-1	U S SBA SER 2020-20A CL 1				1.A	3,968,105	88.8610	3,968,105	3,968,105	3,968,105					2.320	2.333	JJ	46,030	92,060	01/01/2040	01/01/2040	
831641-FG-5	U S SBA SER SBIC 2016-10B				1.A	6,192,670	91.5120	5,828,579	6,369,211	6,279,550			22,985		2.051	2.472	MS	40,442	130,633	01/23/2019	09/10/2026	
831641-FU-4	U S SBA SER SBIC 2022-10B				1.A	28,800,000	97.4120	28,054,714	28,800,000	28,800,000					4.262	4.307	MS	340,960		09/14/2022	09/10/2032	
83162C-PS-6	U S SBA SER SBIC-2005-20H				1.A	266,879	99.0540	273,323	275,933	274,031			664		5.110	5.470	FA	5,875	14,100	08/14/2007	08/01/2025	
83162C-NA-7	U S SBA SER SBIC-PC 2003-20F				1.A	48,213	99.4810	49,319	49,576	49,531			102		4.070	4.331	JD	168	2,018	09/30/2004	06/01/2023	
83162C-ND-1	U S SBA SER SBIC-PS 2003-20H				1.A	33,057	99.7600	32,978	33,057	33,057					5.240	5.299	FA	722	1,732	08/05/2003	08/01/2023	
912810-QL-5	U S TREASURY BONDS				1.A	3,338,877	102.8090	3,444,088	3,350,000	3,341,699			305		4.250	4.316	MN	18,485	145,563	07/22/2011	01/15/2040	
912810-RH-3	U S TREASURY BONDS				1.A	12,131,719	85.1090	10,213,128	12,000,000	12,117,757			(3,793)		3.125	3.086	FA	141,644	375,000	02/28/2019	08/15/2044	
912810-RS-9	U S TREASURY BONDS				1.A	8,450,117	75.2110	7,039,740	9,360,000	8,558,419			23,345		2.500	3.036	MN	30,381	234,000	02/01/2018	05/15/2046	
831628-E7-3	US SBA 10 YR POOL #100158				1.A	6,133,109	94.0670	5,393,757	5,733,971	6,028,366			(40,913)		3.325	1.567	MON	56,677	175,027	12/03/2020	12/25/2030	
831628-EZ-1	US SBA 25 YEAR POOL # 100152				1.A	7,282,124	91.9750	6,194,443	6,734,913	7,266,888			10,591		3.200	2.430	MON	30,366	215,517	12/07/2020	06/25/2045	
831628-EM-0	US SBA 25 YEAR POOL #100140				1.A	6,409,111	97.6680	5,921,917	6,063,313	6,501,426			64,545		4.825	3.518	MON	137,390	297,093	02/05/2019	01/25/2044	
831628-EG-3	US SBA 25 YR POOL # 100135				1.A	2,870,055	98.6010	2,663,447	2,701,228	2,914,869			8,230		5.075	3.618	MON	71,404	137,087	03/06/2018	04/25/2043	

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 1**

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization) Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
831628-C8-3	US SBA 25 YR POOL #100095				1.A	337,722	92.4920	294,470	318,372	342,603		3,692		4,250	2.642	MON		5,418	13,543	08/09/2017	05/25/2038
831628-DL-3	US SBA 25 YR POOL #100107				1.A	751,840	92.1450	668,647	725,649	750,948		(1,607)		3,825	3.138	MON		5,909	27,771	08/11/2017	11/25/2039
831628-EC-2	US SBA 25 YR POOL #100131				1.A	5,196,335	94.6580	4,681,718	4,945,946	5,154,781		16,401		4,079	3.302	MON		47,190	201,745	07/12/2017	07/25/2042
831628-ED-0	US SBA 25 YR POOL #100132				1.A	7,582,842	93.0660	6,859,795	7,370,928	7,555,404		1,376		3,679	3.285	MON		34,533	271,176	10/11/2017	10/25/2042
83162C-RA-3	US SBA SER 2007-20E				1.A	478,192	98.5900	482,608	489,512	485,875		717		5,310	5.579	MON		4,332	25,993	08/02/2007	05/01/2027
83162C-VS-9	US SBA SER 2013-20H				1.A	4,322,289	94.9120	4,117,044	4,337,758	4,328,298		740		3,160	3.210	FA		57,114	137,073	10/15/2013	08/01/2033
912810-RE-0	US TREASURY BONDS				1.A	10,741,797	92.3590	9,235,940	10,000,000	10,654,695		(21,423)		3,625	3.222	FA		136,923	362,500	09/20/2018	02/15/2044
912810-RJ-9	US TREASURY BONDS				1.A	15,125,977	83.1410	12,471,090	15,000,000	15,110,851		(3,795)		3,000	2.978	MON		58,425	450,000	12/28/2017	11/15/2044
912810-RM-2	US TREASURY BONDS				1.A	5,241,406	83.0080	4,150,390	5,000,000	5,209,571		(6,706)		3,000	2.767	MON		19,475	150,000	12/28/2017	05/15/2045
912810-RN-0	US TREASURY BONDS				1.A	27,061,710	81.1370	22,604,685	27,860,000	27,152,406		21,487		2,875	3.054	FA		302,542	800,975	07/25/2018	08/15/2045
912810-RQ-3	US TREASURY BONDS				1.A	4,656,055	75.4260	3,771,290	5,000,000	4,689,797		9,345		2,500	2.889	FA		47,215	125,000	04/01/2019	02/15/2046
912810-RU-4	US TREASURY BONDS				1.A	5,115,820	4.039060	80,7810	5,000,000	5,101,689		(2,977)		2,875	2.777	MON		18,664	143,750	12/28/2017	11/15/2046
912828-3F-5	US TREASURY BONDS				1.A	21,323,711	92.3090	18,461,720	20,000,000	21,058,183		(210,212)		2,250	1.134	MON		58,425	450,000	10/20/2021	11/15/2027
912828-K7-4	US TREASURY BONDS				1.A	19,899,219	94.5000	18,900,000	20,000,000	19,922,001		22,782		2,000	2.165	FA		151,087	200,000	03/17/2022	08/15/2025
912828-M5-6	US TREASURY BONDS				1.A	19,771,875	94.7380	18,947,660	20,000,000	19,818,002		46,127		2,250	2.598	MON		58,425	450,000	03/28/2022	11/15/2025
912828-U2-4	US TREASURY BONDS				1.A	22,247,344	92.5820	19,442,220	21,000,000	21,929,976		(235,503)		2,000	0.837	MON		54,530	420,000	09/27/2021	11/15/2026
912828-Y7-9	US TREASURY BONDS				1.A	23,976,988	96.6800	22,913,089	23,700,000	23,903,230		(73,758)		2,875	2.550	JJ		285,141	268,813	08/26/2022	07/31/2025
912828-YU-8	US TREASURY BONDS				1.A	20,796,875	91.3160	18,263,280	20,000,000	20,595,481		(149,067)		1,625	0.851	MON		28,571	325,000	08/25/2021	11/30/2026
91282C-CE-9	US TREASURY BONDS				1.A	4,991,758	86.7540	4,337,695	5,000,000	4,993,443		1,163		1,250	1.279	MON		5,485	62,500	09/30/2021	05/31/2028
0019999999	Subtotal - Bonds - U.S. Governments - Issuer Obligations					431,193,882	XXX	388,244,381	424,406,592	430,184,829		(645,046)		XXX	XXX	XXX		3,320,820	10,593,354	XXX	XXX
36202D-JQ-5	GNMA POOL # 002971				1.A	22,130	104.2510	23,182	22,236	22,124		3		7,000	7.290	MON		130	1,557	12/08/2000	09/20/2030
3617HT-EH-5	GNMA HECM POOL # BJ5536				1.A	1,217,666	95.7360	1,035,501	1,081,617	1,252,073		27,196		4,584	2.002	MON		4,132	49,032	07/16/2019	03/20/2069
3617J9-BM-9	GNMA HECM POOL # BK8144				1.A	1,017,444	94.1750	877,404	931,671	1,164,926		62,562		4,236	(0.768)	MON		3,289	38,970	07/16/2019	01/20/2069
36179L-A5-1	GNMA HECM POOL #AC9928				1.A	1,149,880	98.9460	1,064,186	1,075,517	1,293,162		68,585		4,700	1.739	MON		4,212	49,233	09/12/2014	02/20/2064
3617HT-YK-6	GNMA HECM POOL #BJ6114				1.A	907,730	94.5670	785,486	830,615	950,663		(5,409)		4,266	0.899	MON		2,953	34,833	07/16/2019	11/20/2068
38375U-JX-9	GNMA HECM REMICS SER 2014H12 CLHZ				1.A	15,504,038	98.9920	14,315,479	14,461,219	14,982,969		(4,097)		4,596	3.909	MON		55,387	665,286	09/17/2014	06/20/2064
36202E-CA-5	GNMA II POOL # 003665				1.A	264,349	102.4750	274,885	268,247	264,509		(520)		5,500	5.958	MON		1,229	14,754	10/05/2007	01/20/2035
36202D-2E-0	GNMA II POOL # 3473				1.A	136,977	100.8890	137,123	135,915	137,291		381		5,500	5.245	MON		623	7,475	11/27/2007	11/20/2033
36202E-DP-1	GNMA II POOL # 3710				1.A	153,404	102.1510	166,553	163,047	154,095		(1,448)		5,000	6.709	MON		679	8,152	07/11/2007	05/20/2035
36202E-GQ-6	GNMA II POOL # 3807				1.A	53,985	104.1210	55,467	55,467	53,897		(280)		5,500	6.383	MON		254	3,051	08/08/2007	01/20/2036
36202E-HE-2	GNMA II POOL # 3829				1.A	109,148	102.1470	114,718	112,307	109,745		(382)		5,000	5.727	MON		468	5,615	11/19/2007	03/20/2036
36202E-SG-0	GNMA II POOL # 4447				1.A	553,268	101.7680	564,460	554,655	553,260		(1)		5,000	5.112	MON		2,311	27,733	08/01/2009	05/20/2039
36202F-AV-8	GNMA II POOL # 4520				1.A	559,649	101.7900	570,377	560,349	559,805		296		5,000	5.079	MON		2,335	28,017	08/01/2009	08/20/2039
36202F-EW-2	GNMA II POOL # 4649				1.A	75,481	97.7180	70,142	71,780	78,243		(276)		4,500	3.059	MON		269	3,230	11/09/2010	03/20/2040
36202F-VN-3	GNMA II POOL # 5121				1.A	268,748	95.2570	247,009	259,308	287,588		(1,510)		4,000	2.322	MON		864	10,372	09/01/2011	07/20/2041
3617K9-FR-2	GNMA II POOL # BNS576				1.A	525,491	98.1330	478,174	487,271	532,376		(12,669)		4,500	2.022	MON		1,827	21,927	04/29/2020	06/20/2049
3617K9-F7-6	GNMA II POOL # BNS590				1.A	304,771	97.4960	276,087	283,178	323,093		(4,901)		4,500	2.537	MON		1,062	12,743	04/29/2020	07/20/2049
3617KR-FH-4	GNMA II POOL # B09168				1.A	112,657	97.4960	101,465	104,071	148,254		5,099		4,500	(0.439)	MON		390	4,683	04/29/2020	07/20/2049
36179M-VL-1	GNMA II POOL # MA0619				1.A	677,321	91.2900	587,658	643,727	699,035		14,685		3,500	2.266	MON		1,878	22,530	02/01/2013	12/20/2042
36179M-XII-5	GNMA II POOL # MA0693				1.A	219,323	91.2900	190,175	208,321	228,628		5,500		3,500	2.118	MON		608	7,291	02/01/2013	01/20/2043
36202F-FL-5	GNMA II POOL #4671				1.A	361,994	97.7280	338,814	346,691	370,182		(978)		4,500	3.423	MON		1,300	15,601	10/01/2010	04/20/2040
36202F-FB-4	GNMA II POOL #4691				1.A	1,714	98.4990	1,620	1,645	1,835		(8)		4,500	2.716	MON		6	74	10/01/2010	05/20/2040
36202F-LH-7	GNMA II POOL #4828				1.A	336,714	97.7640	313,558	320,728	337,831		977		4,500	3.014	MON		1,203	14,433	11/01/2010	10/20/2040
36179M-KZ-2	GNMA II POOL MA0312				1.A	1,051,861	91.3260	919,266	1,006,578	1,059,350		(1,253)		3,500	2.413	MON		2,936	35,230	09/01/2012	08/20/2042
36179M-NC-0	GNMA II POOL MA0387				1.A	1,011,245	91.2990	874,389	957,717	1,030,865		8,694		3,500	2.158	MON		2,793	33,520	11/01/2012	09/20/2042

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 1**

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization) Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
36207L-HQ-4	GNMA POOL # 435039				1.A	17,333	99.8150	16,933	16,965	17,513		462			7.500	6.736	MON	106	1,272	02/16/2001	02/15/2031
36202C-N8-2	GNMA POOL # 002215				1.A	4,480	100.1820	4,752	4,744	4,648		19			6.500	8.082	MON	26	308	10/04/1996	05/20/2026
36202C-PT-4	GNMA POOL # 002234				1.A	668	101.6540	680	669	667					8.000	8.163	MON	4	53	08/01/1996	06/20/2026
36202C-QA-4	GNMA POOL # 002249				1.A	2,424	101.6730	2,468	2,427	2,420		(1)			8.000	8.185	MON	16	194	08/01/1996	07/20/2026
36202C-QQ-9	GNMA POOL # 002263				1.A	746	99.9190	790	774	774		(11)			6.500	8.023	MON	4	51	10/07/1996	08/20/2026
36202C-QX-4	GNMA POOL # 002270				1.A	2,689	102.1470	2,739	2,682	2,679		(2)			8.000	8.042	MON	18	215	08/01/1996	08/20/2026
36202C-YG-2	GNMA POOL # 002511				1.A	3,684	102.7860	3,743	3,642	3,663		(6)			7.500	7.177	MON	23	273	11/01/1997	11/20/2027
36202C-2Y-8	GNMA POOL # 002591				1.A	4,435	101.7290	4,459	4,383	4,400		(8)			7.000	6.712	MON	26	307	05/01/1998	05/20/2028
36202C-6Y-4	GNMA POOL # 002687				1.A	52,961	101.7930	55,626	54,646	53,518		55			6.000	7.100	MON	273	3,279	10/01/2001	12/20/2028
36202D-CR-0	GNMA POOL # 002780				1.A	29,665	104.1390	33,046	31,733	30,385		(42)			6.000	8.014	MON	159	1,904	07/15/1999	07/20/2029
36202D-C9-0	GNMA POOL # 002796				1.A	15,396	102.2660	16,164	15,805	15,435		72			7.000	8.386	MON	92	1,106	09/21/2000	08/20/2029
36202D-DN-8	GNMA POOL # 002809				1.A	14,410	103.3410	15,244	14,751	14,494		43			7.000	8.002	MON	86	1,033	12/07/1999	09/20/2029
36202D-D5-7	GNMA POOL # 002824				1.A	9,673	102.5310	10,175	9,924	9,690		36			7.000	8.327	MON	58	695	08/08/2000	10/20/2029
36202D-FX-4	GNMA POOL # 002882				1.A	14,554	103.5200	15,577	15,047	14,553		37			7.000	8.642	MON	88	1,053	06/20/2000	02/20/2030
36202D-JR-3	GNMA POOL # 002972				1.A	4,255	104.5400	4,477	4,283	4,251		3			7.500	7.935	MON	27	321	09/21/2000	09/20/2030
36202D-YZ-8	GNMA POOL # 003428				1.A	112,977	102.0670	115,493	113,154	112,949		13			5.000	5.090	MON	471	5,658	11/01/2004	08/20/2033
36202E-GE-3	GNMA POOL # 003797				1.A	323,917	105.6420	338,071	320,016	325,217		119			6.000	5.622	MON	1,600	19,201	03/28/2006	12/20/2035
362198-TM-5	GNMA POOL # 270656				1.A	63	99.9050	63	63	63					7.000	7.360	MON		4	11/20/1995	09/15/2023
36203D-MP-2	GNMA POOL # 346066				1.A	103	99.9130	103	103	103					7.000	7.345	MON	1	7	11/20/1995	01/15/2024
36203N-SH-7	GNMA POOL # 354648				1.A	45	99.9560	45	45	45					7.000	7.231	MON		3	12/19/1995	09/15/2023
36202D-SQ-0	GNMA POOL # 3555				1.A	487,554	102.1510	516,270	505,401	490,364		(2,904)			5.000	5.948	MON	2,106	25,270	05/17/2007	05/20/2034
36203R-P9-4	GNMA POOL # 356948				1.A	72	99.9040	72	73	72					7.000	7.231	MON		5	12/19/1995	06/15/2023
36203X-JG-2	GNMA POOL # 362163				1.A	61	100.0000	62	62	61					7.000	7.360	MON		4	11/20/1995	12/15/2023
36204A-FU-4	GNMA POOL # 363879				1.A	174	99.9090	175	175	174					7.000	7.364	MON	1	12	07/20/1995	12/15/2023
36204B-LA-9	GNMA POOL # 364921				1.A	9	99.8890	9	9	9					7.000	7.344	MON		1	07/20/1995	02/15/2024
36204B-HS-9	GNMA POOL # 364980				1.A	110	102.8450	116	112	112					6.500	7.144	MON		7	12/19/1995	04/15/2024
36204F-SJ-1	GNMA POOL # 369001				1.A	246	100.0120	247	247	246					7.000	7.231	MON	1	17	12/19/1995	05/15/2024
36204H-EK-2	GNMA POOL # 370138				1.A	82	99.9030	82	82	82					7.000	7.345	MON		6	11/20/1995	12/15/2023
36205B-PF-3	GNMA POOL # 385722				1.A	96	102.8390	101	99	98					6.500	7.130	MON		6	12/19/1995	06/15/2024
36205D-AF-5	GNMA POOL # 387106				1.A	1,116	99.9120	1,118	1,119	1,116					7.000	7.231	MON		78	12/19/1995	08/15/2025
36205Y-QW-5	GNMA POOL # 404669				1.A	2,480	99.9150	2,485	2,487	2,480					7.000	7.231	MON	15	174	12/19/1995	12/15/2025
36206D-DE-4	GNMA POOL # 407901				1.A	1,585	99.9140	1,596	1,598	1,593					7.000	7.342	MON	9	112	11/20/1995	11/15/2025
36206F-XH-0	GNMA POOL # 410280				1.A	412	99.9150	413	413	412					7.000	7.231	MON		29	12/19/1995	09/15/2025
36206H-MB-1	GNMA POOL # 411754				1.A	44,487	101.6050	44,004	43,309	43,631		(154)			8.000	7.331	MON	289	3,465	06/27/1997	04/15/2027
36206J-4C-5	GNMA POOL # 413119				1.A	1,235	100.0820	1,245	1,244	1,240					7.000	7.358	MON	7	87	11/20/1995	09/15/2025
36206X-PT-4	GNMA POOL # 424434				1.A	9,064	100.2570	8,819	8,796	8,799		(1)			8.000	7.289	MON	59	704	08/01/1997	08/15/2027
36209F-PY-9	GNMA POOL # 470339				1.A	12,815	99.9530	12,793	12,799	12,766					7.500	7.576	MON	80	960	09/01/1999	05/15/2029
36209S-ZQ-7	GNMA POOL # 480551				1.A	15,739	100.1200	16,458	16,438	16,283		238			7.000	8.660	MON	96	1,151	02/22/2000	04/15/2029
36209W-4X-7	GNMA POOL # 484238				1.A	7,202	101.2450	7,119	7,031	7,096		(10)			7.000	6.486	MON	41	492	02/03/1999	09/15/2028
36210V-E4-9	GNMA POOL # 503355				1.A	51,776	102.7210	51,417	50,055	51,786		(396)			6.000	4.508	MON	250	3,003	09/25/2002	02/15/2029
36201C-JU-9	GNMA POOL # 579075				1.A	218,770	102.4960	219,800	214,448	219,233		(416)			7.000	6.050	MON	1,251	15,011	12/20/2001	12/15/2031
36201H-WB-2	GNMA POOL # 583971				1.A	70,328	102.8430	69,545	67,623	69,977		618			6.500	5.342	MON	366	4,396	09/09/2002	07/15/2032
36201M-S9-4	GNMA POOL # 587444				1.A	71,607	102.5970	70,282	68,503	72,365		(473)			6.000	4.325	MON	343	4,110	04/23/2003	12/15/2032
36200E-B2-6	GNMA POOL # 598657				1.A	28,700	101.4550	28,714	28,302	28,814		(95)			5.500	5.135	MON	130	1,557	07/25/2005	05/15/2035
36200G-KU-9	GNMA POOL # 600707				1.A	48,501	101.6490	47,770	46,995	48,116		(181)			5.500	4.896	MON	215	2,585	03/22/2004	12/15/2033

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 1**

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization) Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
36200J-6S-4	GNMA POOL # 603081				1.A	21,012	101.4520	20,656	20,360	20,960		157			5.500	4.732	MON	93	1,120	03/22/2004	08/15/2033
36200K-J4-0	GNMA POOL # 603383				1.A	129,200	104.6460	129,343	123,599	130,231		(737)			6.000	4.508	MON	618	7,416	04/23/2003	01/15/2033
36200K-J7-3	GNMA POOL # 603386				1.A	281,578	104.2910	280,590	269,046	281,219		2,105			6.000	4.670	MON	1,345	16,143	04/11/2003	01/15/2033
36200K-KQ-9	GNMA POOL # 603403				1.A	213,031	104.2470	212,802	204,132	209,456		(3,777)			6.000	5.043	MON	1,021	12,248	10/14/2004	10/15/2034
36200M-TF-0	GNMA POOL # 604550				1.A	85,367	102.0920	87,798	85,411	85,411		(34)			5.000	5.262	MON	358	4,300	10/07/2004	08/15/2033
36200M-VI-0	GNMA POOL # 604629				1.A	362,786	104.7500	370,298	353,506	358,751		(1,916)			5.500	4.984	MON	1,620	19,443	10/01/2003	09/15/2033
36200N-BP-5	GNMA POOL # 604946				1.A	322,454	104.7840	348,161	332,267	323,698		(1,133)			5.500	6.426	MON	1,523	18,275	06/11/2007	01/15/2034
36202T-DH-3	GNMA POOL # 608617				1.A	45,795	100.0910	45,208	45,167	45,175		(65)			5.000	4.790	MON	188	2,258	12/09/2004	06/15/2024
36202T-G4-2	GNMA POOL # 608719				1.A	11,684	100.0940	11,554	11,543	11,550		(10)			5.000	4.808	MON	48	577	12/07/2004	11/15/2024
36290R-XII-8	GNMA POOL # 615493				1.A	60,764	102.0920	62,113	60,840	60,989		66			5.000	4.986	MON	254	3,042	08/31/2004	08/15/2033
36290R-Y3-1	GNMA POOL # 615530				1.A	382,433	104.7960	398,161	379,940	381,541		204			5.500	5.448	MON	1,741	20,897	09/08/2003	09/15/2033
36290S-CZ-2	GNMA POOL # 615788				1.A	16,277	101.2160	16,081	15,887	15,881		(42)			5.500	4.990	MON	73	874	09/19/2003	09/15/2023
36290S-YC-9	GNMA POOL # 616407				1.A	30,173	101.3410	30,121	29,722	29,738		(60)			5.500	5.164	MON	136	1,635	07/13/2004	05/15/2024
36290T-FW-4	GNMA POOL # 616781				1.A	13,731	100.0920	13,553	13,540	13,551		(18)			5.000	4.766	MON	56	677	01/13/2005	12/15/2024
36290T-GN-3	GNMA POOL # 616805				1.A	80,523	100.6370	78,747	78,248	78,528		(342)			5.500	4.746	MON	359	4,304	01/14/2005	01/20/2025
36290T-JK-6	GNMA POOL # 616866				1.A	290,552	96.6700	274,529	283,985	286,963		(546)			3.000	2.424	MON	710	8,520	10/01/2013	02/15/2027
36290X-IM-3	GNMA POOL # 620575				1.A	96,871	101.8590	98,891	97,086	97,160		70			5.000	5.038	MON	405	4,854	10/07/2004	09/15/2033
36291G-YY-6	GNMA POOL # 628127				1.A	204,436	102.7300	204,365	198,934	204,678		(965)			6.000	5.305	MON	995	11,936	09/15/2004	05/15/2034
36291L-3U-7	GNMA POOL # 631811				1.A	31,294	101.3570	31,245	30,827	30,827		(48)			5.500	5.288	MON	141	1,695	07/13/2004	05/15/2024
36291L-4W-2	GNMA POOL # 631837				1.A	149,860	101.8310	148,905	146,227	147,514		(351)			6.000	5.657	MON	731	8,774	04/01/2005	06/20/2029
36291P-5P-7	GNMA POOL # 634554				1.A	9,468	101.6070	9,243	9,097	9,148		(52)			6.000	5.000	MON	45	546	09/15/2004	09/20/2024
36291U-E7-6	GNMA POOL # 638358				1.A	253,803	103.2790	259,169	250,940	253,176		(430)			5.500	5.323	MON	1,150	13,802	03/15/2005	02/15/2035
36291Y-EG-8	GNMA POOL # 641935				1.A	26,175	101.4370	26,125	25,755	25,925		(34)			5.500	5.196	MON	118	1,417	08/25/2005	04/15/2035
36297B-JS-1	GNMA POOL # 706873				1.A	477,852	95.3080	438,176	459,749	468,021		(1,388)			4.000	3.430	MON	1,533	18,390	07/08/2011	01/15/2030
3620AM-M7-4	GNMA POOL # 733982				1.A	444,901	99.1030	414,182	417,931	442,011		9,117			4.500	3.434	MON	1,567	18,807	11/02/2010	10/15/2040
3620AQ-K6-9	GNMA POOL # 736617				1.A	1,157,107	96.8070	1,050,869	1,085,530	1,139,601		14,771			4.000	2.859	MON	3,618	43,421	03/01/2012	12/15/2035
3620AS-PH-6	GNMA POOL # 738524				1.A	458,995	96.4320	431,035	446,982	464,513		6,321			4.000	3.306	MON	1,490	17,879	07/05/2013	07/15/2041
3620AS-PX-1	GNMA POOL # 738538				1.A	905,689	96.4390	846,843	878,111	911,037		9,516			4.000	3.271	MON	2,927	35,124	07/08/2013	07/15/2041
36177P-B2-0	GNMA POOL # 794556				1.A	891,724	94.1800	822,600	873,436	894,773		(2,854)			3.500	3.107	MON	2,548	30,570	09/20/2013	01/15/2042
36179V-L6-5	GNMA POOL # MA6649				1.A	84,135	96.2290	81,336	81,437	89,197		3,211			4.500	3.398	MON	305	3,665	04/30/2020	05/20/2050
36179V-L7-3	GNMA POOL # MA6650				1.A	83,356	97.9040	78,944	80,634	89,233		2,407			5.000	3.755	MON	336	4,032	04/30/2020	05/20/2050
36241L-KA-3	GNMA POOL #782989				1.A	1,649,225	99.4620	1,580,508	1,589,053	1,664,045		27,414			4.500	3.615	MON	5,959	71,507	01/01/2011	06/15/2040
36230L-KB-1	GNMA POOL 752119				1.A	1,124,106	89.3960	959,192	1,072,973	1,099,311		(3,750)			3.000	2.682	MON	2,682	32,189	09/23/2013	01/15/2033
36176M-G2-0	GNMA POOL 770016				1.A	1,157,357	95.6990	1,060,515	1,108,181	1,135,790		(3,422)			4.000	3.451	MON	3,694	44,327	12/18/2013	12/15/2033
38374M-DF-3	GNMA REMICS SER 2005-81 CL OB				1.A	2,762,860	101.9810	2,888,901	2,832,795	2,805,727		1,082			5.500	5.852	MON	12,984	155,804	11/14/2005	10/20/2035
38378T-60-8	GNMA REMICS SER 2013-100 CL MA				1.A	281,962	97.3180	263,411	270,670	274,477		(914)			3.500	2.391	MON	789	9,473	09/23/2013	02/20/2043
38378M-UG-8	GNMA REMICS SER 2013-53 CL KA				1.A	3,185,171	95.9090	2,960,496	3,086,780	3,117,584		(6,961)			3.000	2.361	MON	7,717	92,603	10/23/2013	10/20/2041
38378M-ND-3	GNMA REMICS SER 2013-60 CL GL				1.A	892,345	96.7130	850,812	879,733	883,001		(772)			3.000	2.719	MON	2,199	26,392	07/31/2013	11/20/2041
38378T-AL-4	GNMA REMICS SER 2013-71 CL LA				1.A	358,730	95.4130	339,200	355,508	357,485		696			3.000	2.846	MON	889	10,665	07/30/2013	10/20/2042
38382N-GG-6	GNMA REMICS SER 2021-27 CL DC				1.A	14,832,475	77.4570	11,426,321	14,751,801	14,855,828		15,019			1.250	1.164	MON	15,366	184,398	01/27/2021	02/20/2051
38382J-5W-2	GNMA REMICS SER 2021-56 CL PE				1.A	14,840,938	78.3440	11,581,816	14,783,191	14,844,549		6,709			1.500	1.455	MON	18,479	221,748	02/23/2021	03/20/2051
0029999999. Subtotal - Bonds - U.S. Governments - Residential Mortgage-Backed Securities						76,993,882	XXX	67,356,668	74,758,311	76,928,444		225,505			XXX	XXX	XXX	200,296	2,401,268	XXX	XXX
38378K-AE-9	GNMA REMICS SER 2013 CL B				1.A	7,268,063	90.8430	6,631,516	7,300,000	7,283,862		3,250			2.146	2.197	MON	13,054	156,951	02/13/2013	10/16/2045
38378B-6L-8	GNMA REMICS SER 2013-12 CL B				1.A	7,463,032	94.5030	6,972,166	7,377,727	7,415,487		(18,485)			2.061	1.986	MON	12,672	151,770	02/11/2013	11/16/2052

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 1**

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization) Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
38378N-FL-2	GNMA REMICS SER 2013-158 AB				1.A	1,966,768	94.1020	1,748,458	1,858,044	1,951,309		5,654			3.009	2.218	MON	4,659	56,666	05/28/2015	08/16/2053
38378K-RB-7	GNMA REMICS SER 2013-68 CL B				1.A	3,172,663	95.5280	3,026,161	3,167,837	3,169,759		(335)			2.500	2.514	MON	6,600	79,196	05/01/2013	08/16/2043
38378X-NN-7	GNMA REMICS SER 2014-135 CL AK				1.A	813,934	89.1990	700,097	784,870	844,849		1,698			3.000	2.385	MON	1,962	23,546	08/18/2016	08/16/2055
38378Z-AA-3	GNMA REMICS SER 2014-172 CL AD				1.A	442,794	94.7760	421,571	444,809	442,080		280			2.200	2.345	MON	815	9,786	06/09/2017	01/16/2046
38379K-B9-8	GNMA REMICS SER 2015-115 AC				1.A	3,039,708	92.6750	2,775,000	2,994,326	3,048,013		(1,400)			2.650	2.437	MON	6,612	79,350	10/08/2015	07/16/2051
38379K-K8-0	GNMA REMICS SER 2015-128 CL AJ				1.A	1,318,942	89.6280	1,161,317	1,295,710	1,330,844		(959)			2.600	2.354	MON	2,807	33,688	07/12/2016	11/16/2055
38379K-6D-5	GNMA REMICS SER 2015-163 CL AH				1.A	5,712,310	86.7310	4,998,011	5,762,667	5,695,080		(8,772)			2.800	2.938	MON	13,446	161,355	11/30/2015	04/16/2056
38379K-3N-6	GNMA REMICS SER 2015-169 CL C				1.A	557,911	95.7190	532,444	556,260	558,335		(381)			2.600	2.566	MON	1,205	14,463	11/20/2015	04/16/2056
38379K-6M-5	GNMA REMICS SER 2015-171 CL EA				1.A	9,430,007	87.5800	8,286,602	9,461,792	9,421,143		(180)			2.650	2.723	MON	20,895	250,737	11/05/2015	12/16/2052
38379K-9P-7	GNMA REMICS SER 2015-58 CL VA				1.A	6,076,652	91.6160	5,792,992	6,323,156	6,162,007		12,210			2.700	3.182	MON	14,227	170,725	07/21/2015	10/16/2038
38379K-TT-5	GNMA REMICS SER 2015-93 CLASS AB				CF	2,096,165	91.6890	1,930,935	2,105,954	2,093,235		1,371			2.500	2.608	MON	4,387	52,649	06/04/2015	01/16/2047
38379Y-6L-7	GNMA REMICS SER 2016-125 CL DA				1.A	4,296,091	89.1090	3,823,855	4,291,230	4,297,664		(174)			2.150	2.155	MON	7,688	92,261	09/01/2016	12/16/2047
38379U-TB-2	GNMA REMICS SER 2016-72 CL AB				1.A	3,014,535	88.7790	2,653,262	2,988,618	3,024,033		472			2.600	2.509	MON	6,475	77,704	05/25/2016	04/16/2049
0039999999. Subtotal - Bonds - U.S. Governments - Commercial Mortgage-Backed Securities						56,669,575	XXX	51,454,387	56,713,000	56,737,700		(5,751)			XXX	XXX	XXX	117,504	1,410,847	XXX	XXX
0109999999. Total - U.S. Government Bonds						564,857,339	XXX	507,055,436	555,877,903	563,850,973		(425,292)			XXX	XXX	XXX	3,638,620	14,405,469	XXX	XXX
0309999999. Total - All Other Government Bonds							XXX							XXX	XXX	XXX			XXX	XXX	
373384-NZ-5	GEORGIA ST GO BDS 2009H				1.A FE	5,980,610	99.7370	5,530,417	5,545,000	5,720,551		(47,481)			4.503	2.760	MN	41,615	249,691	12/01/2017	11/01/2025
373384-5F-9	GEORGIA ST GO BDS 2016B			2	1.A FE	3,124,415	82.6790	2,893,765	3,500,000	3,201,813		19,076			2.950	3.875	FA	43,021	103,250	09/07/2018	02/01/2035
373385-CA-9	GEORGIA ST GO BDS 2017B			2	1.A FE	3,000,000	86.8650	2,605,950	3,000,000	3,000,000					3.150	3.175	FA	39,375	94,500	06/21/2017	02/01/2033
605580-ST-2	MISSISSIPPI ST GO SER 2010E				1.C FE	3,302,048	103.8950	3,272,693	3,150,000	3,252,210		(5,603)			5.445	5.161	MN	28,586	171,518	12/01/2011	11/01/2035
68609T-JL-3	OREGON ST GO BDS 2019 SER B				1.B FE	4,939,800	87.1530	4,305,358	4,940,000	4,939,831		9			3.871	3.909	MN	31,871	191,227	03/06/2019	05/01/2039
68609T-UY-2	OREGON ST GO SER D				1.B FE	1,000,000	82.7690	827,690	1,000,000	1,000,000					1.572	1.578	MN	2,620	15,720	06/10/2020	05/01/2029
68609T-LZ-9	OREGON ST GO SER D				1.B FE	1,000,000	80.7700	807,700	1,000,000	1,000,000					1.672	1.679	MN	2,787	16,720	06/10/2020	05/01/2030
68609T-VA-3	OREGON ST GO SER D				1.B FE	1,750,000	79.5250	1,391,688	1,750,000	1,750,000					1.822	1.830	MN	5,314	31,885	06/10/2020	05/01/2031
68609T-WG-9	OREGON ST GO SER D				1.B FE	1,000,000	85.2040	852,040	1,000,000	1,000,000					1.472	1.477	MN	2,453	14,720	06/10/2020	05/01/2028
68608K-A3-2	OREGON ST HIGH EDU GO 2010 SER C				1.B FE	4,060,070	103.0320	3,606,120	3,500,000	3,953,609		(26,870)			5.382	4.105	FA	78,488	188,370	10/11/2018	08/01/2039
68609T-3R-7	OREGON ST TAX GO BDS SER L			2	1.B FE	835,000	76.9970	642,925	835,000	835,000					2.537	2.553	MN	3,531	21,360	10/20/2021	11/01/2035
68609T-3S-5	OREGON ST TAX GO BDS SER L			2	1.B FE	630,000	75.9070	478,214	630,000	630,000					2.587	2.604	MN	2,716	16,434	10/20/2021	11/01/2036
68609T-3T-3	OREGON ST TAX GO BDS SER L			2	1.B FE	4,315,000	72.8650	3,144,125	4,315,000	4,315,000					2.765	2.784	MN	19,885	120,304	10/20/2021	11/01/2041
882724-HF-7	TEXAS ST GO BDS SER 2018			2	1.A FE	4,520,440	87.7970	3,968,424	4,520,000	4,519,749		(238)			3.952	3.989	AO	44,658	178,235	10/26/2022	10/01/2037
882830-BH-4	TEXAS ST GO BDS SER 2020			CF	1.A FE	34,811,960	68.2220	23,877,700	35,000,000	34,826,284		6,781			2.472	2.520	AO	216,300	865,200	11/10/2020	10/01/2044
882722-VN-8	TEXAS ST GO BONDS SER 2010A				1.A FE	8,065,020	97.1610	5,829,660	6,000,000	7,837,876		(108,204)			4.681	2.192	AO	70,215	280,860	11/16/2020	04/01/2040
882722-KF-7	TEXAS ST GO MBLTY FD BDS SER 2009A			CF	1.A FE	23,868,053	105.6190	20,167,948	19,095,000	22,741,392		(180,434)			5.517	3.877	AO	263,368	1,053,471	11/17/2020	04/01/2039
882724-OP-5	TEXAS ST GP BDS SER 2019			CF	1.A FE	25,711,120	79.2460	19,811,500	25,000,000	25,525,257		(76,391)			3.211	2.865	AO	273,758	802,750	11/09/2020	04/01/2044
882830-AP-7	TEXAS ST TRANSPRTN COMMISSION GO				1.A FE	14,734,027	73.8470	10,848,124	14,690,000	14,718,823		(6,881)			2.562	2.526	AO	94,089	376,358	11/03/2021	04/01/2042
928109-YK-7	VIRGINIA ST GO BDS SER 2010A-2			CF	1.A FE	14,422,330	98.0710	12,749,230	13,000,000	13,634,941		(94,811)			4.400	3.512	JD	47,667	572,000	05/29/2013	06/01/2030
93974C-PL-8	WASHINGTON ST GO BDS SER 2010D				1.B FE	14,219,927	103.2760	12,610,000	12,210,000	13,352,567		(194,238)			5.381	3.217	FA	273,758	458,192	08/19/2020	08/01/2029
93974C-PM-6	WASHINGTON ST GO BDS SER 2010D				1.B FE	36,230,755	104.6110	31,864,511	30,460,000	34,974,427		(285,150)			5.481	3.992	FA	695,630	1,669,513	08/23/2019	08/01/2039
93974C-RE-2	WASHINGTON ST GO BDS SER 2010F			CF	1.B FE	28,774,565	100.9730	25,273,542	25,030,000	28,159,940		(154,196)			5.140	4.045	FA	536,059	1,286,542	12/13/2018	08/01/2040
93974C-RF-9	WASHINGTON ST GO BDS SER 2010F TAX				1.B FE	3,408,161	102.4990	2,977,596	2,905,000	3,210,425		(37,238)			5.090	3.445	FA	61,610	147,865	09/26/2019	08/01/2033
0419999999. Subtotal - Bonds - U.S. States, Territories and Possessions - Issuer Obligations						243,703,301	XXX	200,336,920	222,075,000	238,099,695		(1,191,869)			XXX	XXX	XXX	2,806,304	8,926,685	XXX	XXX
0509999999. Total - U.S. States, Territories and Possessions Bonds						243,703,301	XXX	200,336,920	222,075,000	238,099,695		(1,191,869)			XXX	XXX	XXX	2,806,304	8,926,685	XXX	XXX

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 1**

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization) Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
041826-6A-1	ARLINGTON TX IND SCH DIST SER 2020				1.A FE	5,000,000	71.8410	3,592,050	5,000,000	5,000,000					2.289	2.302	FA	43,237	114,450	07/02/2020	02/15/2037
041826-6B-9	ARLINGTON TX IND SCH DIST SER 2020				1.A FE	8,000,000	71.0000	5,680,000	8,000,000	8,000,000					2.389	2.403	FA	72,201	191,120	07/02/2020	02/15/2038
074527-NA-6	BEAUMONT TX IND SCH DIST SER 2010B			2	1.A FE	1,000,000	100.3400	1,003,400	1,000,000	1,000,000					5.099	5.164	FA	19,263	50,990	04/30/2010	02/15/2025
150429-K7-2	CEDAR HILL TX IND SCH DIST SR 2013			2	1.A FE	4,508,110	100.0060	4,440,266	4,440,000	4,441,017		(8,074)			4.190	4.042	FA	70,269	186,036	02/26/2013	02/15/2035
159195-SD-9	CHANNELVIEW TX INDPT SCH DIST			2	1.A FE	985,120	100.0930	1,000,930	1,000,000	994,578		1,003			5.426	5.638	FA	20,498	54,260	03/25/2010	08/15/2027
720560-OP-9	CLOVER PK SCH DIST WA GO BDS 2011B				1.A FE	3,000,000	100.5200	3,015,600	3,000,000	3,000,000					4.934	4.995	JD	12,335	148,020	07/26/2011	12/01/2026
216777-FZ-0	COOPER TX INDPT SCH DIST TAX			2	1.A FE	2,700,000	100.0320	2,700,864	2,700,000	2,700,000					5.710	5.792	FA	58,242	154,170	03/31/2010	02/15/2026
227381-VQ-0	CROSBY TX IND SCH DIST SER 2020				1.A FE	4,046,360	66.6680	2,666,720	4,000,000	4,037,329		(4,393)			2.636	2.516	FA	39,833	105,440	12/01/2020	02/15/2043
249002-JD-9	DENTON TX INDEP SCH DIST SER A				1.A FE	5,000,000	64.5780	3,228,900	5,000,000	5,000,000					2.556	2.572	FA	48,280	127,800	11/25/2020	08/15/2045
269696-MH-0	EAGLE MTN SAGINAW TX IND SCH DIST				1.A FE	1,413,786	100.9180	1,110,098	1,100,000	1,331,084		(32,772)			5.000	1.646	FA	20,778	55,000	06/11/2020	08/15/2029
382604-2F-2	GOOSE CREEK TX CONS INDPT SCH DIST				1.A FE	4,000,000	72.4460	2,897,840	4,000,000	4,000,000					2.615	2.632	FA	39,516	104,600	10/23/2020	02/15/2039
382604-2G-0	GOOSE CREEK TX CONS INDPT SCH DIST				1.A FE	3,500,000	71.4700	2,501,450	3,500,000	3,500,000					2.665	2.683	FA	35,237	93,275	10/23/2020	02/15/2040
448492-2S-6	HUTTO TX IND SCH DIST SER 2021D			2	1.A FE	6,000,000	66.7770	4,006,620	6,000,000	6,000,000					2.690	2.708	FA	67,250	138,087	08/25/2021	08/01/2043
448492-2Q-0	HUTTO TX INDEP SCH DIST SER 2021D			2	1.A FE	4,210,000	69.1120	2,909,615	4,210,000	4,210,000					2.490	2.506	FA	43,679	89,687	08/25/2021	08/01/2039
564096-L8-6	MANOR TX INDPT SCH DIST SER 2021			2	1.A FE	2,505,160	99.5870	1,991,740	2,000,000	2,449,800		(47,300)			5.000	2.132	FA	41,667	66,667	10/29/2021	08/01/2033
573777-BD-0	MARTINSVILLE TX INDPT SCH DIST				1.A FE	1,000,000	102.1380	1,021,380	1,000,000	1,000,000					5.430	5.504	FA	20,513	54,300	05/07/2010	02/15/2027
590760-TD-6	MESQUITE TX INDPT SCH DIST SER A			2	1.A FE	3,000,000	70.3550	2,110,650	3,000,000	3,000,000					2.588	2.605	FA	29,331	67,935	09/02/2021	08/15/2040
678519-E2-1	OKLAHOMA CITY OK GO BDS SER 2020				1.A FE	2,715,123	81.2670	2,169,829	2,670,000	2,700,447		(5,494)			2.500	2.278	MS	22,250	66,750	04/09/2020	03/01/2033
720424-D8-0	PIERCE CNTY WA SCH DIST TAX 2020 C				1.B FE	3,087,840	70.2350	2,107,050	3,000,000	3,078,342		(8,759)			3.082	2.732	JD	7,705	92,460	11/30/2021	11/01/2045
774286-AJ-7	ROCKWALL TX INDEP SCH DIST GO				1.A FE	2,000,000	68.2270	1,364,540	2,000,000	2,000,000					2.146	2.158	FA	16,214	42,920	08/21/2020	02/15/2038
774286-AK-4	ROCKWALL TX INDEP SCH DIST GO				1.A FE	2,315,000	66.7020	1,544,151	2,315,000	2,315,000					2.190	2.192	FA	19,065	50,467	08/21/2020	02/15/2039
774286-AL-2	ROCKWALL TX INDEP SCH DIST GO				1.A FE	2,005,000	65.5380	1,314,037	2,005,000	2,005,000					2.230	2.242	FA	16,891	44,712	08/21/2020	02/15/2040
774286-AM-0	ROCKWALL TX INDEP SCH DIST GO				1.A FE	3,400,000	61.6590	2,096,406	3,400,000	3,400,000					2.380	2.394	FA	30,570	80,920	08/21/2020	02/15/2046
975332-EI-3	WINONA TX INDPT SCH DIST SER 2010			2	1.A FE	3,500,000	100.0440	3,501,540	3,500,000	3,500,000					5.575	5.653	FA	73,714	195,125	04/28/2010	02/15/2027
0619999999	Subtotal - Bonds - U.S. Political Subdivisions - Issuer Obligations					78,891,499	XXX	59,975,676	77,840,000	78,662,597		(105,789)			XXX	XXX	XXX	868,538	2,375,191	XXX	XXX
0709999999	Total - U.S. Political Subdivisions Bonds					78,891,499	XXX	59,975,676	77,840,000	78,662,597		(105,789)			XXX	XXX	XXX	868,538	2,375,191	XXX	XXX
3130AJ-D9-7	FEDERAL HOME LOAN BANK NTS				1.A	9,016,200	67.1250	6,041,280	9,000,000	9,014,477		(676)			2.340	2.342	MS	56,431	210,600	05/28/2020	03/26/2040
3130AK-Q9-0	FEDERAL HOME LOAN BANK NTS				1.B FE	8,988,750	71.1550	6,403,926	9,000,000	8,990,043		670			1.800	1.818	JJ	70,200	162,000	01/21/2021	01/25/2036
3130AQ-PR-8	FEDERAL HOME LOAN BANK NTS				1.B FE	9,600,000	91.6780	8,801,057	9,600,000	9,600,000					1.300	1.304	FA	46,107	62,400	01/19/2022	02/18/2027
54627R-AP-5	LOUISIANA LOC GOVT REV SER 2022 A				1.A FE	8,000,000	93.0450	7,443,600	8,000,000	8,000,000					4.475	4.525	FA	220,767		05/12/2022	08/01/2039
60636A-MQ-3	MISSOURI ST HLTH EDU REV SER 2016A				1.B FE	10,661,435	80.7760	7,269,840	9,000,000	10,564,015		(48,973)			3.651	2.660	JJ	151,517	328,590	09/29/2021	01/15/2046
678908-4E-1	OKLAHOMA DEV FIN AUTH REV TAX 22				1.A FE	12,500,000	91.4960	11,437,000	12,500,000	12,500,000					4.714	4.770	MN	206,238		08/19/2022	05/01/2052
678908-4B-7	OKLAHOMA FIN AUTH SER 2022 CL A3				1.A FE	2,000,000	94.0560	1,881,120	2,000,000	2,000,000					5.087	5.152	FA	45,500		07/08/2022	02/01/2052
70917S-5E-9	PENNSYLVANIA ST EDU REV SER B 2019				1.B FE	3,307,905	77.7980	2,614,013	3,360,000	3,314,742		2,279			2.942	3.076	FA	37,344	98,851	12/12/2019	08/15/2039
882117-5V-2	TEXAS A & M UNIV TX REV SER 2017B				1.A FE	16,460,974	82.0210	12,631,234	15,400,000	16,093,132		(143,574)			3.660	2.612	JJ	281,820	563,640	08/19/2022	07/01/2047
88213A-PT-6	TEXAS ST A M UNIV REV SER 2019 B				1.A FE	5,359,200	73.7200	3,686,000	5,000,000	5,276,550		(39,506)			3.480	2.551	MN	22,233	174,000	11/17/2020	05/15/2049
88213A-PA-7	TEXAS ST A & M UNIV REV SER 2019A				1.A FE	2,339,560	82.3590	1,647,180	2,000,000	2,265,546		(38,740)			4.197	1.979	MN	10,726	83,940	01/27/2021	05/15/2048
914455-LK-4	UNIV OF MICHIGAN REV SER B				1.A FE	19,879,640	77.8770	15,575,400	20,000,000	19,881,345		1,705			3.504	3.568	AO	175,200	379,600	04/06/2022	04/01/2052
914455-LH-1	UNIV OF MICHIGAN REV SER A				1.A FE	8,469,373	78.0060	6,630,510	8,500,000	8,469,824		451			3.504	3.555	AO	74,460	161,330	03/23/2022	04/01/2052
91335V-KU-9	UNIV OF PITTSBURGH PA REV SR 2017C				1.B FE	3,349,853	74.2600	2,495,136	3,360,000	3,351,111		422			3.005	3.049	MS	29,729	100,968	12/05/2019	09/15/2041
915137-5G-4	UNIV OF TEXAS TX REV SER 2010D				1.A FE	4,727,833	100.4480	4,530,205	4,510,000	4,703,001		(24,832)			4.837	2.787	FA	82,412	109,074	03/23/2022	08/15/2026
91514A-KD-6	UNIV OF TEXAS TX REV SER 2020B				1.A FE	17,476,109	62.8060	10,991,050	17,500,000	17,477,645		604			2.439	2.461	FA	161,245	426,825	05/28/2020	08/15/2049
915217-XE-8	UNIV OF VIRGINIA REV SER 2019 C2				1.A FE	2,100,906	68.3530	1,418,325	2,075,000	2,097,913		(890)			2.974	2.945	MS	20,570	61,711	02/15/2022	09/01/2049
915183-M5-3	UNIVERSITY OF UTAH UT REV SR 2021B				1.B FE	2,176,740	76.9810	1,539,620	2,000,000	2,147,791		(20,689)			3.351	2.153	FA	27,925	67,020	08/05/2021	08/01/2039
91754R-T2-3	UNIVERSITY OF UTAH UT REV SR 2021B				1.B FE	400,000	74.7320	298,928	400,000	400,000					1.756	1.764	FA	2,927	7,024	01/22/2021	08/01/2032

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 1**

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest				Dates		
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization) Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
91754R-T3-1	UNIVERSITY OF UTAH UT REV SR 2021B				1.B FE	600,000	73.2740	439,644	600,000	600,000					1.856	1.865	FA	4,640	11,136	01/22/2021	08/01/2033
91754R-T4-9	UNIVERSITY OF UTAH UT REV SR 2021B				1.B FE	500,000	71.9800	359,900	500,000	500,000					1.956	1.966	FA	4,075	9,780	01/22/2021	08/01/2034
0819999999	Subtotal - Bonds - U.S. Special Revenues - Issuer Obligations					147,914,478	XXX	114,134,968	144,305,000	147,247,135		(311,749)			XXX	XXX	XXX	1,732,066	3,018,489	XXX	XXX
196480-NH-6	COLORADO ST HSG REV 2020 SER I-1				1.A FE	1,685,780	92.6500	1,487,033	1,605,000	1,667,383		(8,311)			3.000	2.395	MON	8,025	48,150	10/02/2020	11/01/2050
196480-YB-7	COLORADO ST HSG REV 2021 SER M-1				1.A FE	3,645,000	80.0450	2,917,640	3,645,000	3,645,000					2.841	2.861	MON	17,259	98,664	10/20/2021	11/01/2036
196480-C7-0	COLORADO ST HSG REV 2022 SER D1				1.A FE	1,145,000	92.9700	1,064,507	1,145,000	1,145,000					4.050	4.091	MON	7,729	20,095	04/28/2022	11/01/2030
3133TC-AU-2	FHLMC SER T-009 CL A-6				1.A	46	99.4190	46	47	46					6.564	6.675	MON		3	12/11/1997	03/25/2029
34074M-ND-9	FLORIDA ST HSG FIN CORP 2016 SER 1			2	1.A FE	1,499,391	92.1430	1,381,584	1,499,391	1,499,391					3.125	3.171	MON	3,905	46,856	03/23/2016	07/01/2037
34074M-PG-0	FLORIDA ST HSG FIN CORP SER 2016 B			2	1.A FE	1,278,897	92.0940	1,182,392	1,283,897	1,279,798		155			2.550	2.601	MON	2,728	32,739	10/12/2016	01/01/2043
31371N-V7-7	FNMA POOL # 257238				1.A	34,699	100.5990	36,458	36,241	35,012		40			5.000	6.664	MON	151	1,812	07/01/2008	06/01/2028
31400F-B2-2	FNMA POOL # 685957				1.A	33,445	99.5620	32,382	32,525	32,605		43			5.500	4.385	MON	149	1,789	03/12/2004	09/01/2032
31400K-3U-8	FNMA POOL # 690311				1.A	72,167	98.6010	71,313	72,325	72,167		3			3.273	3.323	MON	197	2,156	03/07/2007	04/01/2033
31403C-WP-2	FNMA POOL # 745054				1.A	90,616	101.9470	92,540	90,772	90,640		29			4.215	4.256	MON	319	2,523	06/26/2007	09/01/2035
31404G-V4-0	FNMA POOL # 768435				1.A	82,724	100.7830	84,401	83,745	82,887		34			2.195	2.490	MON	153	1,804	01/18/2007	01/01/2034
3138LM-DD-2	FNMA POOL # AN8199				1.A	3,224,367	90.2410	2,467,403	2,734,234	3,117,178		(43,155)			3.500	3.170	MON	7,975	97,027	08/07/2020	09/01/2046
3138WJ-JA-7	FNMA POOL # AS8356				1.A	173,502	88.6900	149,125	168,142	182,718		807			3.000	1.766	MON	420	5,044	05/20/2020	11/01/2046
3140F7-XE-4	FNMA POOL # BD0676				1.A	120,222	92.2500	107,106	116,104	124,839		3,330			3.500	2.393	MON	339	4,064	08/25/2017	01/01/2047
3140F7-XR-5	FNMA POOL # BD0687				1.A	1,271,488	97.5960	1,179,198	1,208,244	1,317,804		43,486			4.500	3.170	MON	4,531	54,371	02/07/2018	09/01/2047
3140F7-YD-5	FNMA POOL # BD0707				1.A	1,778,240	97.6090	1,647,927	1,688,286	1,820,073		50,713			4.500	3.351	MON	6,331	75,973	02/07/2018	10/01/2047
3140FC-KN-7	FNMA POOL # BD4800				1.A	204,659	92.8610	183,927	198,067	209,398		3,447			3.500	2.675	MON	578	6,932	08/03/2017	09/01/2046
3140FK-H6-0	FNMA POOL # BE0252				1.A	325,487	95.9630	295,538	307,971	336,420		8,016			4.000	2.653	MON	1,027	12,319	08/25/2017	09/01/2046
3140FU-NS-3	FNMA POOL # BE8500				1.A	331,103	92.9540	297,682	320,244	337,995		6,808			3.500	2.728	MON	934	11,209	08/03/2017	02/01/2047
3140FV-HU-3	FNMA POOL # BE9242				1.A	596,866	98.2640	545,906	555,547	624,239		27,001			4.500	2.669	MON	2,083	25,000	07/27/2017	03/01/2047
3140GP-X6-0	FNMA POOL # BH1600				1.A	1,544,853	95.4690	1,420,056	1,487,446	1,560,702		24,201			4.000	3.316	MON	4,958	59,498	01/25/2018	12/01/2047
3140GS-6N-7	FNMA POOL # BH4476				1.A	576,629	93.0170	523,520	562,823	590,707		10,263			3.500	2.800	MON	1,642	19,699	12/19/2017	12/01/2047
3140GU-JH-1	FNMA POOL # BH5663				1.A	991,808	92.7880	889,966	959,137	983,573		5,509			3.500	3.177	MON	2,797	33,570	08/03/2017	06/01/2047
3140GX-B6-7	FNMA POOL # BH8160				1.A	6,060,243	92.8620	5,467,880	5,888,197	6,146,041		93,153			3.500	2.901	MON	17,174	206,877	12/11/2017	12/01/2047
3140GY-3F-4	FNMA POOL # BH9797				1.A	1,720,068	92.8510	1,551,992	1,671,491	1,741,341		21,376			3.500	2.934	MON	4,875	58,502	12/08/2017	09/01/2047
3140GY-6Z-7	FNMA POOL # BH9887				1.A	739,520	95.7370	675,536	705,617	770,195		27,217			4.000	2.715	MON	2,352	28,225	01/03/2018	10/01/2047
3140H2-FD-5	FNMA POOL # BJ1063				1.A	2,343,519	95.5160	2,126,305	2,226,126	2,419,955		85,715			4.000	2.769	MON	7,420	89,045	12/06/2017	12/01/2047
3140H2-JG-4	FNMA POOL # BJ1162				1.A	4,937,515	92.8620	4,467,099	4,810,488	5,012,242		75,628			3.500	2.929	MON	14,031	168,367	01/05/2018	01/01/2048
3140H2-YF-9	FNMA POOL # BJ1609				1.A	163,836	92.8000	147,701	159,161	168,872		3,365			3.500	2.667	MON	464	5,571	12/07/2017	10/01/2047
3140H3-YJ-9	FNMA POOL # BJ2512				1.A	2,203,591	92.8720	1,992,653	2,145,593	2,320,040		21,715			3.500	3.033	MON	6,258	75,096	12/14/2017	12/01/2047
3140H4-J7-0	FNMA POOL # BJ2965				1.A	278,322	92.5410	250,592	270,791	288,429		7,387			3.500	2.625	MON	790	9,478	01/04/2018	12/01/2047
3140H6-AS-8	FNMA POOL # BJ4516				1.A	237,391	95.7730	219,007	228,673	249,860		9,880			4.000	2.670	MON	762	9,147	01/25/2018	01/01/2048
3140H6-ZV-4	FNMA POOL # BJ5255				1.A	2,310,896	92.6650	2,076,963	2,241,378	2,328,739		24,612			3.500	2.985	MON	6,537	78,448	12/07/2017	12/01/2047
3140H6-ZZ-8	FNMA POOL # BJ5260				1.A	571,048	95.7010	525,088	548,673	575,533		8,756			4.000	3.322	MON	1,829	21,947	01/23/2018	12/01/2047
3140HL-JT-4	FNMA POOL # BK6573				1.A	687,971	99.6770	653,969	656,089	712,818		21,114			5.000	3.630	MON	2,734	32,804	11/28/2018	07/01/2048
3140HT-ZG-7	FNMA POOL # BL2542				1.A	6,724,588	89.6810	5,183,481	5,779,931	6,564,066		(61,129)			3.830	2.205	MON	18,448	224,446	05/27/2020	05/01/2039
3140JB-AN-6	FNMA POOL # BM6312				1.A	4,906,707	90.5270	4,219,080	4,660,571	5,193,394		36,400			3.500	1.914	MON	13,593	163,120	05/12/2020	08/01/2046
3140KE-CG-1	FNMA POOL # BP6370				1.A	2,856,707	88.2030	2,397,569	2,718,247	2,892,738		24,036			3.000	2.164	MON	6,796	81,547	05/28/2020	05/01/2050
3140KE-RN-0	FNMA POOL # BP6792				1.A	5,312,997	88.6320	4,480,110	5,054,731	5,417,475		53,885			3.000	2.051	MON	12,637	151,642	05/28/2020	05/01/2050
3140KE-ST-1	FNMA POOL # BP7157				1.A	3,003,622	88.2030	2,519,191	2,856,130	3,005,821		16,239			3.000	2.316	MON	7,140	85,684	05/28/2020	06/01/2050
3140KU-NU-2	FNMA POOL # BQ8502				1.A	2,823,049	86.4380	2,317,085	2,680,640	2,846,733		29,830			2.500	1.741	MON	5,585	67,016	11/24/2020	12/01/2050
3140KV-KG-4	FNMA POOL # BQ9294				1.A	4,855,494	86.6240	3,974,974	4,588,772	4,893,420		36,985			2.500	1.685	MON	9,560	114,719	12/01/2020	12/01/2050

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 1**

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest				Dates		
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization) Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
3140KV-K7-4	FNMA POOL # B09317				1.A	3,343,982	86.6610	2,735,906	3,157,026	3,360,573		11,991		2,500	1.706	MON		6,577	78,926	12/03/2020	12/01/2050
3140MR-2K-2	FNMA POOL # BW0777				1.A	7,650,966	96.5660	7,676,065	7,949,056	7,655,550		4,584		4,500	5.232	MON		29,809	59,618	10/05/2022	08/01/2052
314009-TX-1	FNMA POOL # CA2365				1.A	1,769,685	92.4570	1,631,867	1,631,867	1,774,097		2,976		3,500	3.480	MON		5,148	61,775	02/06/2019	09/01/2048
31400A-DC-1	FNMA POOL # CA2798				1.A	1,574,522	98.1050	1,415,113	1,442,448	1,703,709		76,357		4,500	1.900	MON		5,409	64,910	04/02/2020	12/01/2048
31400P-2B-2	FNMA POOL # CB4369				1.A	10,114,870	91.0240	10,384,060	11,408,083	10,127,009		12,139		3,500	5.478	MON		33,274	33,274	10/28/2022	07/01/2052
31400Q-DE-2	FNMA POOL # CB4600				1.A	6,474,736	91.0640	6,558,124	7,201,653	6,469,978		(4,758)		3,500	5.263	MON		21,005	42,010	10/06/2022	09/01/2052
31418B-TN-6	FNMA POOL # MA2356				1.A	201,749	88.6960	173,416	195,517	209,949		869		3,000	1.868	MON		489	5,866	05/20/2020	07/01/2045
31418D-FZ-0	FNMA POOL # MA3783				1.A	148,811	87.1980	126,403	144,961	161,647		2,335		3,000	1.594	MON		362	4,349	06/16/2020	09/01/2049
31418D-LY-6	FNMA POOL # MA3942				1.A	1,076,630	87.2030	923,839	1,059,415	1,115,184		5,102		3,000	2.270	MON		2,649	31,782	02/10/2020	02/01/2050
31418D-MV-1	FNMA POOL # MA3971				1.A	1,357,966	87.1980	1,165,186	1,336,252	1,408,893		10,996		3,000	2.351	MON		3,341	40,088	02/10/2020	03/01/2050
31418D-RF-1	FNMA POOL # MA4085				1.A	1,271,184	83.5040	1,043,070	1,249,129	1,294,737		3,089		2,500	2.096	MON		2,602	31,228	05/18/2020	07/01/2050
3138WJ-X2-9	FNMA POOL # AS8796				1.A	3,674,163	89.3450	3,112,015	3,483,135	3,870,751		47,950		3,000	1.552	MON		8,708	104,494	06/04/2020	02/01/2047
3140ML-MZ-0	FNMA POOL # BV6675				1.A	1,433,306	94.7930	1,337,356	1,410,821	1,433,027		(279)		4,000	3.823	MON		4,703	37,622	04/11/2022	04/01/2052
3140QN-DE-9	FNMA POOL # CB2800				1.A	24,071,688	87.9600	23,530,966	26,751,799	24,125,913		54,225		3,000	4.570	MON		66,879	151,913	09/20/2022	02/01/2052
3140HU-RD-0	FNMA POOL # BL3183				1.A	18,592,665	85.3360	14,336,221	16,799,810	18,245,379		(130,793)		3,180	2.061	MON		46,003	541,654	06/03/2020	08/01/2037
31393B-T6-2	FNMA REMICS SER 2003-W6 CL1A43				1.A	1,225,644	99.0930	1,192,305	1,203,213	1,210,743		(969)		5,260	5.038	MON		5,274	63,289	03/13/2003	10/25/2042
31393D-RY-9	FNMA REMICS SER 2006-63 CL A6				1.A	1,101,737	97.5880	1,122,063	1,149,795	1,129,570		1,570		4,630	5.442	MON		4,436	53,235	05/25/2006	07/25/2044
3136BA-UL-6	FNMA REMICS SER 2020-48 CL AB				1.A	2,493,686	84.4270	2,269,052	2,687,592	2,489,161		(4,525)		2,000	4.018	MON		4,479	35,835	04/12/2022	07/25/2050
3136BF-U2-7	FNMA REMICS SER 2021-24 CL AD				1.A	10,212,430	79.3860	8,026,921	10,111,317	10,235,542		13,914		2,250	2.146	MON		18,959	227,505	03/10/2021	11/25/2049
31335H-XC-2	FREDDIE MAC POOL # C90675				1.A	3,998	99.6340	3,938	3,953	3,948		(6)		5,000	4.727	MON		16	198	04/09/2003	05/01/2023
31335H-YN-7	FREDDIE MAC POOL # C90717				1.A	9,365	100.4360	9,233	9,193	9,193		(23)		5,500	5.000	MON		42	506	09/22/2003	09/01/2023
3128E2-VX-1	FREDDIE MAC POOL # D96030				1.A	5,075	98.9550	4,947	4,999	4,995		(8)		5,000	4.672	MON		21	250	07/15/2003	05/01/2023
31335B-JE-7	FREDDIE MAC POOL # G61161				1.A	4,037,828	92.9940	3,666,164	3,942,349	4,092,023		53,745		3,500	2.986	MON		11,499	137,982	12/20/2017	08/01/2047
3132WP-KK-8	FREDDIE MAC POOL # Q49873				1.A	518,098	92.8080	469,753	506,156	521,249		4,548		3,500	3.116	MON		1,476	17,715	12/20/2017	08/01/2047
3132XS-UC-2	FREDDIE MAC POOL # Q50578				1.A	1,593,751	95.7640	1,456,596	1,521,027	1,628,504		43,182		4,000	2.989	MON		5,070	60,841	11/21/2017	09/01/2047
3132XU-GZ-2	FREDDIE MAC POOL # Q52015				1.A	2,495,314	92.9740	2,257,212	2,427,791	2,531,217		36,646		3,500	2.924	MON		7,081	84,973	11/30/2017	11/01/2047
3132XU-G3-3	FREDDIE MAC POOL # Q52017				1.A	1,212,932	96.0010	1,106,842	1,152,943	1,229,122		24,262		4,000	3.041	MON		3,843	46,118	11/27/2017	11/01/2047
3132XU-JX-4	FREDDIE MAC POOL # Q52077				1.A	5,795,674	95.6700	5,273,641	5,512,307	5,911,851		145,794		4,000	2.966	MON		18,374	220,492	11/13/2017	11/01/2047
3132XU-KF-1	FREDDIE MAC POOL # Q52093				1.A	2,643,288	92.9430	2,390,639	2,572,152	2,688,521		41,332		3,500	2.866	MON		7,502	90,025	11/20/2017	11/01/2047
3132XU-KT-1	FREDDIE MAC POOL # Q52105				1.A	5,705,603	95.6550	5,198,570	5,434,716	5,828,376		138,820		4,000	2.950	MON		18,116	217,389	11/21/2017	11/01/2047
3132XU-DG-3	FREDDIE MAC POOL # Q53702				1.A	961,738	92.7660	878,576	947,088	958,979		3,602		3,500	3.369	MON		2,762	33,148	01/19/2018	01/01/2048
3132XU-DH-1	FREDDIE MAC POOL # Q53703				1.A	475,205	92.6840	433,660	467,894	481,033		5,842		3,500	3.144	MON		1,365	16,376	01/19/2018	01/01/2048
3133A4-3A-2	FREDDIE MAC POOL # Q49793				1.A	1,958,600	88.4780	1,649,061	1,863,808	2,002,990		18,901		3,000	2.022	MON		4,660	55,914	05/28/2020	05/01/2050
3133AD-JZ-0	FREDDIE MAC POOL # Q86580				1.A	2,426,715	86.2530	1,988,714	2,305,667	2,489,627		20,364		2,500	1.513	MON		4,803	57,642	11/24/2020	12/01/2050
3133AD-J6-4	FREDDIE MAC POOL # Q86585				1.A	3,998,954	86.4380	3,282,265	3,797,227	4,030,735		26,784		2,500	1.740	MON		7,911	94,931	11/24/2020	12/01/2050
3133AD-ZP-4	FREDDIE MAC POOL # Q87050				1.A	4,227,847	86.6250	3,427,613	3,991,477	4,283,527		41,519		2,500	1.592	MON		8,316	99,787	12/04/2020	12/01/2050
3132DM-K2-0	FREDDIE MAC POOL # SD0313				1.A	1,486,933	90.0620	1,253,018	1,391,283	1,527,924		31,914		3,000	1.712	MON		3,478	41,738	06/18/2020	04/01/2050
3132AE-EY-8	FREDDIE MAC POOL # Z11951				1.A	688,087	92.2500	618,475	670,435	734,564		25,958		3,500	2.191	MON		1,955	23,465	09/09/2019	05/01/2049
3132DN-V2-6	FREDDIE MAC POOL # SD1533				1.A	13,029,315	96.6160	13,112,919	13,572,203	13,739,635		10,320		4,500	5.273	MON		50,896	101,792	09/23/2022	09/01/2052
3133AY-QF-0	FREDDIE MAC POOL # QD2254				1.A	879,956	91.0310	891,277	979,088	881,522		1,566		3,500	5.366	MON		2,856	5,711	10/06/2022	11/01/2051
3132VM-HD-0	FREDDIE MAC POOL # Q61127				1.A	1,494,202	92.7710	1,386,830	1,494,903	1,493,560		(480)		3,500	5.571	MON		4,360	52,322	01/09/2019	01/01/2049
3133BE-VD-2	FREDDIE MAC POOL # QE5112				1.A	13,174,441	91.0230	13,525,014	14,858,828	13,190,124		15,684		3,500	5.478	MON		43,338	43,338	10/28/2022	07/01/2052
3133KN-D9-1	FREDDIE MAC POOL # RA6428				1.A	14,185,358	87.9440	14,645,655	16,653,451	14,192,481		7,123		3,000	5.627	MON		41,634	41,634	10/31/2022	12/01/2051
45129Y-V4-5	IDHO ST HSG REV TAX SER A				1.B FE	18,537,503	100.0120	18,152,178	18,150,000	18,536,117		(1,385)		5,500	5.269	JJ		24,956		12/16/2022	01/01/2053
49130T-V0-6	KENTUCKY ST HSG CORP 2016 SER B		2		1.A FE	671,252	97.1060	626,334	645,000	654,572		(2,977)		4,000	3.505	JJ		12,900	25,800	11/22/2016	07/01/2037

E10.7

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

SCHEDULE D - PART 1

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization) Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
49130T-UR-5	KENTUCKY ST HSG CORP BDS 2016 A			2	1.A FE	882,479	96.7430	822,316	850,000	859,858		(3,741)			3.500	3.038	JJ	14,875	29,750	06/09/2016	01/01/2040
54627D-EF-4	LOUISIANA ST HSG CORP REV SR 2020A				1.A FE	2,290,779	92.8870	2,127,836	2,290,779	2,290,779					2.050	2.069	MON	3,913	46,961	07/15/2020	03/01/2041
54627D-BV-2	LOUISIANA ST HSG CORP SF MTG 2015A			2	1.A FE	1,301,024	96.3090	1,253,003	1,301,024	1,301,024					3.050	3.093	MON	3,307	39,681	07/22/2015	12/01/2038
57419T-ZK-0	MARYLAND ST CMNTY DEV TAX REV 2022				1.B FE	7,781,400	96.1530	7,499,934	7,800,000	7,781,437		37			4.404	4.469	MS	101,145		11/22/2022	03/01/2053
60416T-SV-1	MINNESOTA ST HSG FIN AGY 2022 SERG			2	1.B FE	10,000,000	95.1790	9,517,900	10,000,000	10,000,000					4.337	4.384	JJ	209,622		06/09/2022	01/01/2047
60416Q-JA-3	MINNESOTA ST HSG FIN AGY REV SER A				1.A FE	17,164,737	84.4710	14,498,878	17,164,326	17,164,659		(42)			1.580	1.591	MON	22,600	271,196	02/12/2021	02/01/2051
60416T-HK-1	MINNESOTA ST HSG REV 2021 SER I				1.B FE	1,100,000	82.8270	911,097	1,100,000	1,100,000					2.240	2.253	JJ	12,320	12,868	12/08/2021	07/01/2030
60535Q-LZ-1	MISSISSIPPI ST HOME CORP SER 2015A			2	1.A FE	340,238	84.3810	287,096	340,238	340,238					3.050	3.093	MON	865	10,377	06/24/2015	12/01/2034
60637B-XV-7	MISSOURI ST HSG DEV REV 2020 SER B				1.B FE	16,497,614	87.2240	14,115,474	16,183,016	16,412,397		(32,236)			2.625	2.416	MON	35,400	424,804	04/20/2020	11/01/2043
641279-NX-8	NEVADA ST HSG REV BGS SER 2020A				1.B FE	2,794,432	91.7410	2,563,640	2,794,432	2,794,432					1.900	1.917	MON	4,425	53,094	07/17/2020	11/01/2044
647200-3P-7	NEW MEXICO MTG FIN AUTH 2015 SER E			2	1.A FE	1,572,306	96.5290	1,517,732	1,572,306	1,572,306					3.100	3.144	MON	4,062	48,742	11/18/2015	09/01/2037
677377-2P-7	OHIO HSG FIN REV BONDS 2016 SER 1			2	1.A FE	1,215,000	95.0510	1,154,870	1,215,000	1,215,000					2.650	2.683	MON	2,683	32,197	07/15/2016	11/01/2041
684907-WN-4	ORANGE CNTY FL HSG FIN REV 2020B				1.A FE	1,005,505	90.0720	905,678	1,005,505	1,005,505					1.650	1.663	MON	1,383	16,591	09/11/2020	09/01/2050
83756C-RP-2	SOUTH DAKOTA HSG DEV AU 2017 SER A				1.A FE	250,000	96.7210	241,803	250,000	250,000					2.946	2.968	MN	1,228	7,365	05/16/2017	05/01/2024
83756C-RQ-0	SOUTH DAKOTA HSG DEV AU 2017 SER A				1.A FE	530,000	95.8540	508,026	530,000	530,000					2.996	3.018	MN	2,646	15,879	05/16/2017	11/01/2024
83756C-RS-6	SOUTH DAKOTA HSG DEV AU 2017 SER A				1.A FE	180,000	94.4030	169,925	180,000	180,000					3.142	3.167	MN	943	5,656	05/16/2017	11/01/2025
83756C-RT-4	SOUTH DAKOTA HSG DEV AU 2017 SER A				1.A FE	180,000	93.5880	168,458	180,000	180,000					3.192	3.217	MN	958	5,746	05/16/2017	05/01/2026
83756C-RU-1	SOUTH DAKOTA HSG DEV AU 2017 SER A				1.A FE	200,000	93.0690	186,138	200,000	200,000					3.242	3.268	MN	1,081	6,484	05/16/2017	11/01/2026
83756C-RV-9	SOUTH DAKOTA HSG DEV AU 2017 SER A			2	1.A FE	200,000	92.2500	184,500	200,000	200,000					3.342	3.370	MN	1,114	6,684	05/16/2017	05/01/2027
83756C-RW-7	SOUTH DAKOTA HSG DEV AU 2017 SER A			2	1.A FE	185,000	91.7420	169,723	185,000	185,000					3.392	3.421	MN	1,046	6,275	05/16/2017	11/01/2027
880461-2F-4	TENNESSEE HSG DEV AGY 2020-3B				1.B FE	877,330	94.7570	781,745	825,000	864,037		(5,424)			3.500	2.720	JJ	14,438	28,875	07/01/2020	07/01/2050
880461-T7-3	TENNESSEE HSG DEV AGY REV 2020-2				1.B FE	2,423,209	96.6660	2,213,651	2,290,000	2,388,608		(13,414)			4.000	3.286	JJ	45,800	91,600	05/07/2020	07/01/2040
88275F-NZ-8	TEXAS ST DEPT OF HSG 2017 SER B			2	1.B FE	1,340,643	92.1310	1,235,148	1,340,643	1,340,643					2.750	2.785	MON	3,072	36,868	06/08/2017	09/01/2038
88275F-SH-3	TEXAS ST DEPT OF HSG SER B				1.B FE	627,259	89.4920	561,347	627,259	627,259					2.000	2.018	MON	1,045	12,545	06/12/2020	03/01/2036
88275F-NU-9	TEXAS ST DEPT OF HSG SF REV 2015 A			2	1.B FE	1,415,000	98.3040	1,391,002	1,415,000	1,415,000					3.200	3.226	MS	15,093	45,280	10/15/2015	09/01/2039
93978X-ER-7	WASHINGTON ST HSG FIN COM 2015 B				1.A FE	1,010,000	92.1790	931,008	1,010,000	1,010,000					3.150	3.196	MON	2,651	31,815	05/15/2015	05/01/2041
93978X-EQ-9	WASHINGTON ST HSG FIN COM 2015 A			2	1.A FE	350,000	99.3010	347,554	350,000	350,000					3.000	3.042	MON	875	10,800	05/15/2015	09/01/2040
0829999999. Subtotal - Bonds - U.S. Special Revenues - Residential Mortgage-Backed Securities						347,165,480	XXX	316,068,479	348,272,972	348,729,270		1,413,563			XXX	XXX	XXX	1,281,141	6,869,481	XXX	XXX
25477P-NT-8	DIST OF COLUMBIA HSG FIN SER 2017				1.A FE	6,073,549	94.1640	5,719,097	6,073,549	6,073,549					3.236	3.284	MON	16,378	196,540	08/10/2017	03/01/2049
45202B-CJ-3	ILLINOIS ST HSG DEV 2016 SER A				1.A FE	1,671,967	83.5070	1,396,209	1,671,967	1,671,967					2.625	2.657	MON	3,657	43,889	09/09/2016	03/01/2048
92812V-C2-0	VIRGINIA ST HSG DEV AUTH 2020 SR C				1.B FE	2,500,000	90.6090	2,265,225	2,500,000	2,500,000					2.243	2.256	AO	14,019	56,075	04/02/2020	04/01/2027
92812V-D5-2	VIRGINIA ST HSG DEV AUTH 2020 SR D				1.B FE	3,868,838	81.9100	3,071,625	3,750,000	3,840,835		(11,020)			2.850	2.506	JD	8,906	106,875	05/28/2020	06/01/2035
92812W-EF-7	VIRGINIA ST HSG DEV AUTH REV 22 C				1.B FE	5,858,170	77.6630	4,659,780	6,000,000	5,859,546		1,376			4.010	4.205	AO	60,150	121,637	05/09/2022	04/01/2052
92812V-D7-8	VIRGINIA ST HSG DEV AUTH REV SER D			2	1.B FE	3,221,520	76.8260	2,304,780	3,000,000	3,192,142		(23,120)			3.641	2.701	JD	9,103	109,230	09/22/2021	06/01/2045
92812V-F5-0	VIRGINIA ST HSG DEV AUTH REV SER F				1.B FE	2,882,605	74.9500	2,061,125	2,750,000	2,853,228		(12,404)			2.982	2.446	JJ	41,003	82,005	08/04/2020	07/01/2040
92812V-K5-4	VIRGINIA ST HSG DEV AUTH REV SER H				1.B FE	4,031,940	71.9900	2,879,600	4,000,000	4,030,262		(1,321)			2.806	2.771	MS	37,413	112,240	09/22/2021	09/01/2040
92812V-R7-3	VIRGINIA ST HSG DEV AUTH REV SER J				1.B FE	875,000	70.1850	614,119	875,000	875,000					3.130	3.154	MN	4,565	27,388	11/18/2020	11/01/2045
92812V-R8-1	VIRGINIA ST HSG DEV AUTH REV SER J				1.B FE	1,250,000	68.3980	854,975	1,250,000	1,250,000					3.230	3.256	MN	6,729	40,375	11/18/2020	11/01/2050
92812V-K6-2	VIRGINIA ST HSG DEV REV SER H				1.B FE	2,000,000	66.8500	1,337,000	2,000,000	2,000,000					2.956	2.978	MS	19,707	59,120	09/25/2020	09/01/2045
92812W-OW-2	VIRGINIA ST HSG REV TAX 2022 A				1.B FE	2,389,678	67.3470	1,676,940	2,490,000	2,392,053		2,375			3.000	3.263	FA	31,125	37,142	02/09/2022	02/01/2047
0839999999. Subtotal - Bonds - U.S. Special Revenues - Commercial Mortgage-Backed Securities						36,623,267	XXX	28,840,475	36,360,516	36,538,582		(44,114)			XXX	XXX	XXX	252,755	992,516	XXX	XXX
0909999999. Total - U.S. Special Revenues Bonds						531,703,225	XXX	459,043,922	528,938,488	532,514,987		1,057,700			XXX	XXX	XXX	3,265,962	10,880,486	XXX	XXX
00287Y-AY-5	ABBVIE INC SR NTS			2	2.A FE	4,719,526	94.4960	4,488,542	4,750,000	4,734,068		4,340			3.200	3.334	MN	19,844	152,000	05/22/2019	05/14/2026



ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 1**

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	Code	Rating	Bond Char	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization) Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
010392-FL-7	ALABAMA POWER CO SR NTS			2	1.E FE	811,448	83.7590	674,260	805,000	810,747	(168)				4.150	4.141	FA	12,621	33,408	07/16/2018	08/15/2044
025537-AM-3	AMERICAN ELECTRIC POWER				2.B FE	1,679,178	95.6810	1,530,893	1,600,000	1,665,215	(10,349)				4.300	3.606	JD	5,733	68,800	07/29/2021	12/01/2028
031162-BY-5	AMGEN INC SR NTS			2	2.A FE	5,144,571	96.0360	4,952,568	5,157,000	5,150,395	2,346				3.125	3.203	MN	26,859	161,156	01/22/2019	05/01/2025
035240-AV-2	ANHEUSER BUSCH INBEV SA/NV				2.A FE	1,066,784	91.3020	867,367	950,000	1,048,758	(12,724)				3.500	1.949	JD	2,771	33,250	07/29/2021	06/01/2030
035240-AQ-3	ANHEUSER BUSCH INBEV WOR				2.A FE	14,026,656	98.9370	11,991,170	12,120,000	13,526,670	(211,544)				4.750	2.685	JJ	252,668	575,750	04/07/2021	01/23/2029
036752-AG-8	ANTHEM INC SR NTS			2	2.B FE	1,022,617	96.0090	974,493	1,015,000	1,019,650	(786)				4.101	4.036	MS	13,875	41,625	02/27/2019	03/01/2028
036752-AP-8	ANTHEM INC SR NTS				2.B FE	2,186,549	84.0800	1,845,550	2,195,000	2,187,921	765				2.550	2.611	MS	16,481	55,973	03/08/2021	03/15/2031
037833-DK-3	APPLE INC SR NTS			2	1.B FE	7,006,782	93.4700	6,576,280	7,035,000	7,020,159	2,786				3.000	3.070	MN	28,140	211,050	12/19/2017	11/13/2027
039483-BL-5	ARCHER DANIELS MIDLAND C				1.F FE	504,515	92.8360	464,180	500,000	502,461	(645)				2.500	2.371	FA	4,861	12,500	09/25/2019	08/11/2026
040555-CH-5	ARIZONA PUBLIC SERVICE NTS				1.G FE	3,304,400	93.3390	2,333,480	2,500,000	3,238,704	(48,230)				5.500	2.744	MS	45,833	137,500	08/18/2021	09/01/2035
00206R-GQ-9	AT+T INC			2	2.B FE	17,365,990	94.4700	14,203,594	15,035,000	16,925,685	(251,453)				4.300	2.327	FA	244,235	646,505	08/18/2021	02/15/2030
053332-AT-9	AUTOZONE INC			1	2.B FE	2,916,440	94.5520	2,675,821	2,830,000	2,899,866	(20,881)				3.125	2.388	AO	17,196	88,438	08/19/2021	04/21/2026
053332-AY-8	AUTOZONE INC SR NTS				2.B FE	1,516,291	96.8990	1,429,264	1,475,000	1,500,813	(11,514)				3.625	2.843	AO	11,288	53,469	08/19/2021	04/15/2025
05348E-AX-7	AVALONBAY COMMUNITIES NOTES			2	1.G FE	3,941,010	93.0630	3,071,077	3,300,000	3,332,523	(9,084)				2.950	2.636	MN	13,521	97,350	02/10/2022	05/11/2026
05348E-BF-5	AVALONBAY COMMUNITIES SR NTS				1.G FE	6,422,889	89.7410	5,528,060	6,160,000	6,327,186	(29,897)				3.300	2.845	JD	16,940	186,780	08/19/2022	06/01/2029
05723K-AE-0	BAKER HUGHES LLC SR NTS				1.G FE	788,568	92.4960	739,965	800,000	792,931	1,284				3.337	3.564	JD	1,186	26,696	06/12/2019	12/15/2027
059165-EC-0	BALTIMORE GAS & ELECTRIC SR NTS				1.G FE	682,893	107.3370	579,622	540,000	656,994	(6,152)				6.350	4.298	AO	8,573	34,290	06/21/2018	10/01/2036
06051G-HR-3	BANK OF AMERICA CORP				1.F FE	3,742,236	97.4450	3,581,091	3,675,000	3,702,767	(20,881)				3.458	3.126	MS	37,418	127,082	10/17/2019	03/15/2025
06051G-JB-6	BANK OF AMERICA CORP				1.G FE	10,210,167	81.6830	7,931,392	9,710,000	10,097,015	(48,584)				2.592	2.014	AO	43,345	251,683	01/26/2021	04/29/2031
06051G-HQ-5	BANK OF AMERICA CORP SR NTS				1.G FE	6,183,732	91.0410	5,134,731	5,640,000	6,079,150	(64,631)				3.974	2.605	FA	89,653	194,925	02/07/2022	02/07/2030
06051G-KM-0	BANK OF AMERICA CORP SR NTS				1.G FE	14,000,000	95.5790	13,381,040	14,000,000	14,000,000					3.384	3.413	AO	117,124	250,040	03/17/2022	04/02/2026
06051G-QF-0	BANK OF AMERICA SR NTS			2	1.G FE	8,121,246	93.4090	7,425,986	7,950,000	8,031,467	(18,740)				3.824	3.578	JJ	135,959	304,008	03/26/2018	01/20/2028
06406H-CS-6	BANK OF NEW YORK MELLON				1.F FE	1,608,722	98.4540	1,575,264	1,600,000	1,602,439	(2,162)				3.650	3.538	FA	23,847	58,400	02/26/2019	02/04/2024
06406R-AD-9	BANK OF NEW YORK MELLON CORP NTS			2	1.F FE	2,271,929	94.0350	2,021,744	2,150,000	2,242,518	(21,684)				3.250	2.189	MN	8,734	69,875	08/19/2021	05/16/2027
58562V-AR-8	BERKSHIRE HATHAWAY ENERGY SR NTS				1.G FE	609,009	106.1490	520,129	490,000	590,357	(4,698)				6.500	4.624	MS	9,378	31,850	09/24/2018	09/15/2037
10112R-BD-5	BOSTON PROPERTIES LP				2.A FE	2,563,807	82.9260	2,010,945	2,425,000	2,546,731	(13,882)				3.250	2.555	JJ	33,057	78,813	10/07/2021	01/30/2031
10112R-AX-2	BOSTON PROPERTIES LP SR NOTES			2	2.A FE	3,784,896	94.8370	3,414,130	3,600,000	3,663,545	(21,125)				3.650	3.020	FA	54,750	131,400	10/20/2016	02/01/2026
10112R-AY-0	BOSTON PROPERTIES LP SR NOTES				2.A FE	2,883,920	90.1600	2,659,734	2,950,000	2,922,751	6,763				2.750	3.035	AO	20,281	81,125	10/20/2016	10/01/2026
106230-AC-9	BRAZOS SECURITIZATN LLC				1.A FE	7,000,000	94.9660	6,647,619	7,000,000	7,000,000					5.413	5.486	MS	17,893		12/08/2022	09/01/2050
110122-CP-1	BRISTOL MYERS SQUIBB CO SR NTS				1.F FE	504,220	92.9320	402,395	433,000	485,164	(7,840)				3.400	6.339	JJ		15,795	07/17/2020	07/26/2029
12189T-AJ-3	BURLINGTON NORTHERN SANTA FE CORP				1.D FE	13,134,980	107.1190	14,996,682	14,000,000	13,672,110	45,913				6.700	7.350	FA	390,833	938,000	06/03/1999	08/01/2028
12201P-AB-2	BURLINGTON RESOURCES FIN CO NTS				1.F FE	2,023,956	113.6970	1,800,966	1,584,000	1,900,111	(29,568)				7.200	4.443	FA	43,085	114,048	06/26/2018	08/15/2031
14149Y-BA-5	CARDINAL HEALTH INC				2.B FE	1,243,538	97.1120	1,213,898	1,250,000	1,248,612	704				3.500	3.594	MN	5,590	43,750	11/15/2024	
149123-BN-0	CATERPILLAR INC SR NTS				1.F FE	509,101	109.3780	448,451	410,000	491,130	(4,359)				6.050	4.178	FA	9,371	24,805	08/01/2018	08/15/2036
172967-LS-8	CITIGROUP INC SR NTS			2	1.G FE	2,586,235	91.3870	2,366,920	2,590,000	2,604,203	(4,951)				3.520	3.380	AO	16,208	91,168	01/05/2022	10/27/2028
172967-MF-5	CITIGROUP INC SR NTS				1.G FE	5,083,372	96.8900	4,725,308	4,877,000	4,877,294	(64,348)				3.352	1.995	AO	30,425	163,477	11/18/2021	04/24/2025
172967-MQ-1	CITIGROUP INC SR NTS				1.G FE	5,145,480	94.5620	4,945,593	5,230,000	5,156,812	11,332				3.106	3.602	AO	37,452	131,384	06/13/2022	04/08/2026
172967-MS-7	CITIGROUP INC SR NTS				1.G FE	6,165,225	81.1190	4,976,664	6,135,000	6,157,943	(2,816)				2.572	2.532	JD	12,273	157,792	11/17/2021	06/03/2031
186856-AL-6	CLIFFWATER CORPORATE LENDING FUND				1.C Z	4,000,000	102.2250	4,000,000	4,000,000	4,000,000					7.100	7.226	JD			11/04/2022	12/06/2027
20030N-CR-0	COMCAST CORP COMPANY NTS			2	1.G FE	7,173,271	98.5120	7,003,239	7,109,000	7,125,159	(12,901)				3.700	3.537	AO	55,529	263,033	03/08/2019	04/15/2024
20030N-DK-4	COMCAST CORP SR NTS				1.G FE	3,755,960	94.3740	3,208,727	3,400,000	3,659,537	(61,370)				3.300	1.376	AO	28,050	112,200	08/19/2021	04/01/2027
20030N-BH-3	COMCAST CORPORATION NTS				1.G FE	7,593,960	94.3800	6,243,237	6,615,000	7,429,188	(70,742)				4.250	2.889	JJ	129,636	259,888	04/18/2022	01/15/2033
20030N-BN-0	COMCAST CORPORATION NTS			2	1.G FE	3,213,192	96.5360	2,944,357	3,050,000	3,152,484	(42,097)				3.375	1.939	FA	38,888	102,938	11/18/2021	08/15/2025
20633K-AA-6	CONCORD MUSIC ROYALTIES LLC TUNES				1.E FE	6,591,017	96.4570	6,510,853	6,750,000	6,591,043	26				6.500	6.831	MAJU	10,969		12/08/2022	01/20/2073
29342#-AA-0	CONNECTICUT INVEST CT NTR SER 2021				1.C FE	9,578,797	90.5760	8,676,122	9,578,797	9,578,797					8.000	8.243	MAJD	34,058	734,812	12/30/2021	12/15/2030

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 1**

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization) Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
209111-EM-1	CONSOLID EDISON CO OF NY SER 2006B				2.A FE	879,915	105.5780	702,095	665,000	835,830	(9,605)			6,200	3.786	JD	1,832	41,230		01/26/2018	06/15/2036
209111-EY-5	CONSOLIDATED EDISON CO OF NY NTS				2.A FE	792,653	98.1090	653,405	666,000	773,573	(4,310)			5,500	4.204	JD	3,053	36,630		03/21/2018	12/01/2039
209111-EL-3	CONSOLIDATED EDISON CO SR NTS				2.A FE	254,450	101.4940	216,182	213,000	246,684	(1,865)			5,850	4.316	MS	3,669	12,461		07/10/2018	03/15/2036
18977C-AB-0	COSEV SECURITYIZATION 22	2			1.A FE	4,999,840	94.9150	4,745,736	5,000,000	4,999,840				5,321	5.392	FA	12,563			12/07/2022	02/15/2048
126408-GK-3	CSX CORP SR NTS				2.A FE	5,851,921	107.4600	4,540,181	4,225,000	5,707,207	(81,023)			6,150	3.124	MM	43,306	259,838		03/10/2021	05/01/2037
126408-HE-6	CSX CORP SR NTS	2			2.A FE	1,765,236	92.1390	1,778,292	1,930,000	1,849,456	19,173			2,600	3.815	MM	8,363	50,180		04/18/2018	11/01/2026
126408-GH-0	CSX CORPORATION				2.A FE	1,115,278	105.3720	948,352	900,000	1,066,443	(8,793)			6,000	4.261	AO	13,500	54,000		11/16/2016	10/01/2036
231021-AT-3	CUMMINS INC				1.F FE	3,417,309	78.6260	2,696,858	3,430,000	3,420,133	1,203			1,500	1.546	MS	17,150	51,450		08/17/2020	09/01/2030
126650-CF-5	CVS CAREMARK CORPORATION				2.B FE	1,856,920	97.5330	1,831,662	1,878,000	1,871,025	4,107			3,375	3.647	FA	24,473	63,382		01/30/2019	08/12/2024
126650-CY-4	CVS HEALTH CORP BCLASS				2.B FE	3,060,864	91.4180	2,253,453	2,465,000	3,006,614	(29,012)			4,780	2.954	MS	31,421	117,827		02/09/2021	03/25/2038
126650-DJ-6	CVS HEALTH CORP BCLASS				2.B FE	8,508,745	91.1530	6,704,274	7,355,000	8,255,251	(119,247)			3,750	1.885	AO	68,953	275,813		01/26/2021	04/01/2030
25466A-AK-7	DISCOVER BANK SR NTS				2.B FE	100,832	99.8150	99,815	100,000	100,003	(230)			3,350	3.139	FA	1,349	3,350		03/27/2019	02/06/2023
260003-AM-0	DOVER CORPORATION NOTES	2			2.A FE	2,639,385	95.6100	2,543,217	2,660,000	2,653,409	2,155			3,150	3.267	MM	10,707	83,790		10/29/2015	11/15/2025
26442C-AE-4	DUKE ENERGY CAROLINAS				1.F FE	1,394,960	105.9250	1,059,245	1,000,000	1,371,729	(18,912)			6,050	3.023	AO	12,772	60,500		10/07/2021	04/15/2038
26441C-AS-4	DUKE ENERGY CORP SR NTS	2			2.B FE	6,532,657	92.5610	6,206,212	6,705,000	6,665,547	5,480			2,650	2.838	MS	59,228	177,683		08/19/2021	09/01/2026
693627-AY-7	DUKE ENERGY INDIANA INC				2.A FE	3,010,060	102.0300	2,457,913	2,409,000	2,903,179	(29,227)			6,120	4.103	AO	31,124	147,431		08/19/2021	10/15/2035
26442T-AE-7	DUKE UNIVERSITY				1.B FE	1,035,880	75.0350	742,850	990,000	1,032,574	(1,223)			3,299	3.069	AO	8,165	32,660		01/22/2021	10/01/2046
291011-BB-9	EMERSON ELECTRIC CO SR NTS				1.F FE	1,971,204	105.2570	1,519,917	1,444,000	1,950,134	(21,071)			6,125	3.349	AO	18,672	88,445		02/03/2022	04/15/2039
29379V-BB-8	ENTERPRISE PRODUCTS OPER LLC NTS	2			2.A FE	6,402,290	98.4930	6,045,507	6,138,000	6,187,710	(55,457)			3,900	2.978	FA	90,433	239,382		09/25/2019	02/15/2024
26884A-BF-9	ERP OPERATING LP NOTES				1.G FE	7,817,520	92.8300	7,560,971	8,145,000	8,004,344	33,645			2,850	3.364	MM	38,689	232,133		12/15/2016	11/01/2026
30040W-AD-0	EVERSOURCE ENERGY SR NTS				2.A FE	1,761,459	96.4350	1,673,141	1,735,000	1,743,659	(5,286)			2,900	2.593	AO	12,579	50,315		07/10/2019	10/01/2024
30040W-AL-2	EVERSOURCE ENERGY SR NTS				2.A FE	1,494,210	82.6200	1,239,306	1,500,000	1,495,150	524			2,550	2.611	MS	11,263	38,250		03/08/2021	03/15/2031
30231G-AT-9	EXXON MOBIL CORPORATION NOTES	2			1.D FE	6,732,204	95.4880	6,206,747	6,500,000	6,659,271	(53,477)			3,043	2.202	MS	65,932	197,795		08/19/2021	03/01/2026
316773-CX-6	FIFTH THIRD BANCORP				2.A FE	2,049,255	98.4770	2,008,938	2,040,000	2,042,175	(1,973)			3,650	3.579	JJ	32,266	74,460		03/19/2019	01/25/2024
341081-EV-5	FLORIDA POWER & LIGHT CO NTS				1.E FE	653,081	102.2430	562,339	550,000	634,784	(4,342)			5,650	4.234	FA	12,948	31,075		06/21/2018	02/01/2037
341081-FG-7	FLORIDA POWER & LIGHT CO				1.E FE	904,519	86.5910	632,118	730,000	893,926	(6,681)			4,050	2.565	JD	2,464	29,565		11/05/2021	06/01/2042
341081-FD-4	FLORIDA POWER & LIGHT CO BCLASS				1.E FE	410,372	100.3080	275,846	275,000	397,031	(5,632)			5,250	2.207	FA	6,016	14,438		08/05/2020	02/01/2041
369550-AT-5	GENERAL DYNAMICS CORPORATION				1.G FE	918,440	82.3480	823,476	1,000,000	932,589	2,162			3,600	4.141	MM	4,600	36,000		07/27/2015	11/15/2042
375558-BF-9	GILEAD SCIENCES INC SR NTS	2			2.A FE	2,122,308	96.5210	1,976,748	2,048,000	2,077,304	(9,446)			3,650	3.158	MS	24,917	74,752		01/17/2018	03/01/2026
375558-BG-7	GILEAD SCIENCES INC SR NTS	2			2.A FE	1,618,906	95.4280	1,393,252	1,460,000	1,581,609	(7,764)			4,600	3.777	MS	22,387	67,160		05/20/2017	09/01/2035
38141G-XG-4	GOLDMAN SACHS GROUP INC				1.F FE	6,163,227	83.6930	5,004,825	5,980,000	6,117,068	(18,316)			2,600	2.250	FA	62,192	155,480		06/08/2020	02/07/2030
38141G-XH-2	GOLDMAN SACHS GROUP INC BCLASS				2.A FE	6,145,509	90.0480	4,772,565	5,300,000	5,975,701	(90,247)			3,800	1.848	MS	59,301	201,400		02/08/2021	03/15/2030
38141G-ZR-8	GOLDMAN SACHS GROUP INC BCLASS				1.A FE	1,500,000	93.0620	1,395,934	1,500,000	1,500,000	15,966			3,615	3.648	MS	15,966	27,113		03/11/2022	03/15/2028
38143U-8H-7	GOLDMAN SACHS GROUP INC NOTES	2			2.A FE	1,516,355	96.2990	1,444,482	1,500,000	1,505,771	(1,891)			3,750	3.641	FA	19,688	56,250		11/09/2016	02/25/2026
38141G-WL-4	GOLDMAN SACHS GROUP INC SR NTS	2			2.A FE	5,323,107	92.9010	4,908,915	5,284,000	5,305,089	(4,340)			3,691	3.625	JD	14,086	195,032		06/25/2019	06/05/2028
412822-AD-0	HARLEY DAVIDSON INC SNR NOTES	2			2.C FE	1,720,468	95.1350	1,645,842	1,730,000	1,727,217	1,014			3,500	3.598	JJ	25,734	60,550		07/23/2015	07/28/2025
40414L-AM-1	HCP INC SENIOR NOTES				2.A FE	94,226	96.2750	91,462	95,000	94,817	83			3,400	3.527	FA	1,346	3,230		01/13/2015	02/01/2025
42250P-AD-5	HEALTHPEAK PROPERTIES BCLASS				2.A FE	993,980	84.0370	840,307	1,000,000	994,882	801			2,125	2.230	JD	1,771	21,663		11/15/2021	12/01/2028
46655B-AA-4	HENDERSON MTG SER 2021-A CL A				1.F FE	4,880,511	78.1790	3,815,545	4,880,511	4,880,511				3,210	3.258	MM	6,963	124,157		03/03/2022	02/15/2079
46655X-AA-6	HENDERSON MTG SER 2021-A2 CL A				1.F FE	30,000,000	100.0000	30,000,000	30,000,000	30,000,000				4,550	4.646	MM	56,875			12/16/2022	02/15/2070
437076-AS-1	HOME DEPOT INC SR NTS				1.F FE	6,142,462	107.4740	5,028,713	4,679,000	5,883,550	(66,415)			5,875	3.572	JD	11,454	274,891		11/04/2019	12/16/2036
459200-HU-8	IBM CORP				1.G FE	2,817,250	98.5360	2,744,230	2,785,000	2,789,247	(3,674)			3,625	3.515	FA	38,980	100,956		04/30/2014	02/12/2024
452308-AQ-2	ILLINOIS TOOL WORKS INC				1.E FE	10,211,670	97.0300	8,732,732	9,000,000	9,929,962	(32,612)			4,875	4.122	MS	129,188	438,750		08/21/2012	09/15/2041
456866-AM-4	INGERSOLL-RAND COMPANY BONDS				2.B FE	9,838,780	103.9430	10,482,668	10,085,000	10,002,330	13,823			6,443	6.755	MM	83,027	649,777		10/26/2000	11/15/2027
24422E-WD-7	JOHN DEERE CAPITAL CORP SR NTS				1.F FE	1,799,154	91.1180	1,640,118	1,800,000	1,799,287	133			2,350	2.374	MS	13,278	21,268		03/02/2022	03/08/2027

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 1**

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization) Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
46625H-KC-3	JPMORGAN CHASE & CO NOTES				1.F FE	4,784,355	96.5670	4,630,381	4,795,000	4,792,530		1,142		3.125	3.176	JJ		65,765	149,844	01/15/2015	01/23/2025
46647P-AX-4	JPMORGAN CHASE & CO SR NTS				1.F FE	7,326,721	94.1140	6,112,724	6,495,000	7,096,720		(92,354)		4.452	2.769	JD		20,884	289,157	11/17/2021	12/05/2029
46625H-RY-8	JPMORGAN CHASE SR NTS	2			1.F FE	14,091,034	93.5580	12,555,531	13,420,000	13,867,694		(103,873)		3.782	2.948	FA		211,477	507,544	08/19/2021	02/01/2028
46647P-DC-7	JPMORGAN CHASE SR NTS	2			1.E FE	2,755,000	92.8880	2,559,073	2,755,000	2,755,000				4.586	4.639	AO		22,812	63,172	04/19/2022	04/26/2033
491674-BG-1	KENTUCKY UTILITIES CO NTS				1.F FE	1,599,463	95.1790	1,151,671	1,210,000	1,578,531		(15,552)		5.125	2.943	MM		10,335	62,013	08/24/2021	11/01/2040
539830-BB-4	LOCKHEED MARTIN CORP NOTES				1.G FE	13,061,000	87.0330	11,367,318	13,061,000	13,061,000				4.070	4.111	JD		23,626	531,583	12/12/2012	12/15/2042
548661-EE-3	LOWE S COS INC				2.A FE	1,498,410	68.5110	1,027,660	1,500,000	1,498,489		61		2.800	2.827	MS		12,367	41,417	09/13/2021	09/15/2041
548661-EG-8	LOWE S COS INC SR NTS				2.A FE	1,878,609	93.9940	1,767,096	1,880,000	1,878,808		199		3.350	3.394	AO		15,745	32,715	03/22/2022	04/01/2027
548661-DH-7	LOWES COMPANIES INC	2			2.A FE	994,210	96.1350	961,353	1,000,000	998,235		612		3.375	3.473	MS		9,938	33,750	09/09/2015	09/15/2025
548661-AH-0	LOWES COMPANIES INC DEBENTURES				2.A FE	4,128,498	107.0220	3,317,679	3,100,000	3,592,146		(86,366)		6.875	3.496	FA		80,514	213,125	03/29/2016	02/15/2028
575718-AE-1	MASS INSTITUTE OF TECH BCLASS				1.A FE	3,475,513	91.8650	2,755,961	3,000,000	3,410,469		(20,792)		3.959	2.881	JJ		59,385	118,770	10/30/2019	07/01/2038
575718-AG-6	MASS INSTITUTE OF TECH BCLASS				1.A FE	6,945,000	73.3140	5,091,682	6,945,000	6,945,000				2.989	3.011	JJ		103,793	207,586	12/17/2019	07/01/2050
575718-AJ-0	MASS INSTITUTE OF TECH SR NTS				1.A FE	10,000,000	73.8590	7,385,861	10,000,000	10,000,000				3.067	3.091	AO		76,675	172,945	03/01/2022	04/01/2052
58013M-EY-6	MCDONALD'S CORP NTS	2			2.A FE	5,400,945	97.3340	5,080,823	5,220,000	5,316,029		(32,797)		3.700	3.056	JJ		81,012	193,140	08/19/2021	01/30/2026
594918-BK-9	MICROSOFT CORP NTS	2			1.A FE	2,206,650	97.3540	1,947,085	2,000,000	2,158,000		(10,146)		4.200	3.439	MM		13,533	84,000	11/15/2017	11/03/2035
594918-AD-6	MICROSOFT CORP SR NTS				1.A FE	2,525,878	107.9100	2,164,670	2,006,000	2,437,219		(19,215)		5.200	3.502	JD		8,693	104,312	05/22/2019	06/01/2039
59523U-AN-7	MID AMERICA APARTMENTS LP SR NTS	2			1.G FE	2,091,180	94.8880	1,992,647	2,100,000	2,095,737		874		3.600	3.683	JD		6,300	75,600	05/02/2017	06/01/2027
605417-CD-4	MISSISSIPPI POWER COMPANY SR NTS				2.A FE	1,137,741	64.1880	738,160	1,150,000	1,138,122		253		3.100	3.180	JJ		14,953	38,720	06/24/2021	07/30/2051
609207-AT-2	MONDELEZ INTERNATIONAL SR NTS				2.B FE	1,359,754	86.3730	1,138,393	1,318,000	1,352,166		(4,417)		2.750	2.362	AO		7,853	44,684	04/07/2021	04/13/2030
617446-BG-7	MORGAN STANLEY				1.G FE	8,185,514	93.5900	6,569,992	7,020,000	7,939,536		(140,822)		4.431	2.129	JJ		136,519	311,056	11/17/2021	01/23/2030
61746B-DJ-2	MORGAN STANLEY NTS				1.G FE	3,966,756	99.7950	3,817,149	3,825,000	3,825,167		(27,169)		3.750	3.043	FA		50,203	143,438	02/26/2019	02/25/2023
617446-BC-6	MORGAN STANLEY SR NTS				1.G FE	10,762,706	97.7780	9,936,211	10,162,000	10,443,279		(105,133)		4.000	2.900	JJ		178,400	406,480	11/18/2021	07/23/2025
61744Y-AP-3	MORGAN STANLEY SR NTS	2			1.G FE	2,170,740	91.7290	1,834,582	2,000,000	2,144,284		(26,456)		3.772	2.269	JJ		32,900	75,440	01/03/2022	01/24/2029
641062-AY-0	NESTLE HOLDINGS INC COMPANY				1.D FE	7,482,375	70.6740	5,300,532	7,500,000	7,483,283		692		2.500	2.531	MS		55,729	187,500	09/07/2022	09/14/2041
65341*-AA-9	NEXTERA ENERGY PIPELINE HOLDINGS				2.A PL	3,000,000	102.3590	3,070,770	3,000,000	3,000,000				6.550	6.659	MM		13,100		11/18/2022	08/01/2052
65341*-AA-7	NEXTERA ENERGY TRANSMISSION HLDGS				2.A Z	4,000,000	106.7320	4,269,280	4,000,000	4,000,000				6.090	6.183	JD		6,767		12/16/2022	12/21/2042
655844-BL-1	NORFOLK SOUTHERN CORP				2.A FE	2,496,936	99.8680	2,573,596	2,577,000	2,575,674		10,586		2.903	3.353	FA		28,262	74,810	09/16/2014	02/15/2023
655844-BP-2	NORFOLK SOUTHERN CORP				2.A FE	3,089,760	99.0220	2,970,649	3,000,000	3,011,242		(10,444)		3.850	3.510	JJ		53,258	115,500	06/20/2014	01/15/2024
655844-BY-3	NORFOLK SOUTHERN CORP NTS				2.A FE	2,650,296	82.7500	1,820,492	2,200,000	2,634,270		(11,726)		4.150	3.033	FA		31,194	91,300	08/17/2021	02/28/2048
655844-AQ-1	NORFOLK SOUTHN CORP				2.A FE	1,511,352	112.1320	1,754,873	1,565,000	1,573,738		2,359		5.250	7.683	FA		42,864	113,463	02/15/2001	02/15/2031
655844-AW-8	NORFOLK SOUTHN CORP				2.A FE	1,435,000	100.9770	1,449,014	1,435,000	1,435,000				5.590	5.668	MM		9,804	80,217	05/17/2005	05/17/2025
666807-BW-1	NORTHROP GRUMMAN CORP				2.A FE	4,394,749	107.6990	4,200,257	3,900,000	4,326,228		(68,521)		7.875	4.200	MS		102,375	153,563	06/13/2022	03/01/2026
666807-BD-3	NORTHROP GRUMMAN CORP NOTES				2.A FE	2,587,298	96.4770	2,170,725	2,250,000	2,506,964		(9,553)		5.050	4.182	MM		14,519	113,625	12/12/2012	11/15/2040
668444-AN-2	NORTHWESTERN UNIVERSITY BCLASS				1.B FE	9,327,418	82.0350	7,255,137	8,844,000	9,279,939		(14,028)		3.868	3.649	JD		28,507	248,790	05/31/2022	12/01/2048
668444-AA-0	NORTHWESTERN UNIVERSITY SR NTS				1.B FE	3,466,720	88.4480	2,653,441	3,000,000	3,431,377		(11,014)		4.198	3.374	JD		10,495	125,940	11/01/2019	12/01/2047
668444-AC-6	NORTHWESTERN UNIVERSITY SR NTS				1.B FE	1,367,692	96.1380	1,057,514	1,100,000	1,344,570		(7,583)		4.643	3.247	JD		4,256	51,073	11/08/2019	12/01/2044
668444-AM-4	NORTHWESTERN UNIVERSITY SR NTS				1.B FE	1,072,617	88.7780	856,704	965,000	1,056,018		(5,407)		3.688	2.894	JD		2,966	34,206	08/04/2022	12/01/2038
199575-AT-8	OHIO POWER COMPANY SR NTS				2.A FE	1,052,912	105.3950	843,163	800,000	986,027		(14,722)		6.600	3.855	MS		17,600	52,800	02/13/2018	03/01/2033
68389X-AE-5	ORACLE CORP NTS				2.B FE	2,787,805	104.1190	2,636,765	1,985,000	2,506,336		(31,263)		6.500	3.710	AO		27,239	129,025	10/13/2017	04/15/2038
68389X-AH-8	ORACLE CORP SR NTS				2.B FE	1,906,988	99.8300	1,442,547	1,445,000	1,836,840		(16,700)		6.125	3.928	JJ		42,532	88,506	10/02/2019	07/08/2039
68389X-AV-7	ORACLE CORP SR NTS	2			2.B FE	919,373	87.9940	778,747	885,000	910,988		(1,874)		4.300	4.010	JJ		18,288	38,055	11/01/2018	07/08/2034
695114-CD-8	PACIFICORP NTS				1.E FE	3,194,106	102.1000	2,358,510	2,310,000	3,130,671		(46,561)		5.750	2.744	AO		33,206	132,825	08/18/2021	04/01/2037
713448-CQ-9	PEPSICO INC				1.E FE	1,292,180	89.5410	895,414	1,000,000	1,272,158		(9,476)		4.250	2.598	AO		8,146	42,500	11/09/2020	10/22/2044
713448-DV-7	PEPSICO INC SR NTS				1.E FE	2,145,863	87.4460	1,626,488	1,860,000	2,138,747		(7,117)		4.000	3.130	MM		12,193	74,400	02/03/2022	05/02/2047
71713U-AT-9	PHARMACIA LLC COMPANY				1.E FE	3,390,957	108.3650	2,925,851	2,700,000	3,117,957		(76,342)		6.750	3.363	JD		8,100	182,250	04/05/2019	12/15/2027

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 1**

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization) Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
718546-AR-5	PHILLIPS 66 COMPANY SR NTS				2.A FE	1,452,494	.94	5390	1,370,820	1,451,507		(271)			3.900	3.914	MS	16,651	56,550	02/26/2019	03/15/2028
69353R-EK-0	PNC BANK NA SENIOR NOTES				1.F FE	5,965,662	.95	9800	5,782,808	6,010,224		6,561			2.950	3.093	FA	63,196	177,738	03/06/2017	02/23/2025
74005P-BN-3	PRAXAIR INC NOTES				1.F FE	1,394,638	.95	8250	1,341,550	1,400,000		569			2.650	2.712	FA	15,046	37,100	01/29/2015	02/05/2025
740189-AM-7	PRECISION CASTPARTS CORPORATION			2	1.C FE	8,008,629	.96	4610	7,740,963	8,020,489		1,736			3.250	3.301	JD	11,592	260,813	06/01/2015	06/15/2025
740816-AM-5	PRES & FELLOWS OF HARVARD SR NTS				1.A FE	1,295,748	.76	6950	983,225	1,294,149		(670)			3.150	3.147	JJ	18,621	40,383	08/27/2019	07/15/2046
740816-AN-3	PRES + FELLOWS OF HARVARD				1.A FE	296,454	.75	4180	226,254	300,000		54			3.300	3.384	JJ	4,565	9,900	07/23/2019	07/15/2056
740816-AL-7	PRESIDENT & FELLOWS OF HARVARD BDS				1.A FE	10,713,259	.86	1330	8,263,593	10,548,178		(51,654)			3.619	2.811	AO	86,802	347,207	09/27/2019	10/01/2037
740816-AH-6	PRESIDENT & FELLOWS OF HARVARD NTS				1.A FE	2,118,160	.99	0260	1,643,834	1,660,000		(16,952)			4.875	3.100	AO	17,084	80,925	11/12/2019	10/15/2040
75513E-BY-6	RAYTHEON TECH CORP SR NTS				2.A FE	6,679,600	109	9570	5,497,839	5,000,000		6,183,783			7.200	1.843	FA	136,000	360,000	12/10/2020	08/15/2027
75513E-OH-2	RAYTHEON TECH CORP SR NTS				2.A FE	4,360,461	.95	3700	3,666,991	3,845,000		4,195,567			3.500	1.271	MS	39,625	134,575	12/10/2020	03/15/2027
75513E-CJ-8	RAYTHEON TECH CORP SR NTS				2.A FE	1,755,737	.91	9890	1,260,255	1,370,383		1,730,383			4.800	3.084	JD	2,923	65,760	12/10/2020	12/15/2043
75513E-OK-5	RAYTHEON TECH CORP SR NTS				2.A FE	2,661,419	.85	6070	1,784,904	2,085,000		2,629,286			4.350	2.854	AO	19,147	90,698	12/10/2020	04/15/2047
756109-AW-4	REALTY INCOME CORP SR NTS				1.G FE	1,605,508	.89	2950	1,437,646	1,610,000		1,606,937			3.250	3.310	JD	2,326	52,325	06/13/2019	06/15/2029
293428-AA-2	RI SMALL BUSINESS NOTE SERIES 2021				1.C FE	4,647,983	.96	5560	4,487,920	4,647,983		4,647,983			8.000	8.300	MON	140,472	353,501	09/02/2021	12/15/2026
776743-AL-0	ROPER TECHNOLOGIES INC				2.A FE	2,054,687	.77	2900	1,590,634	2,058,382		2,058,382			1.750	1.775	FA	13,606	36,015	08/18/2020	02/15/2031
797440-BK-9	SAN DIEGO GAS & ELECTRIC NTS				1.F FE	537,667	.104	2150	458,545	440,000		523,600			6.000	4.414	JD	2,200	26,400	07/31/2018	06/01/2039
828807-CY-1	SIMON PROPERTY GROUP LP SR NTS			2	1.G FE	2,629,357	.93	6360	2,434,532	2,600,000		2,625,527			3.250	2.990	MN	7,276	84,500	02/10/2022	11/30/2026
832696-AK-4	SMUCKERS SR NOTES				2.B FE	1,217,616	.96	8260	1,161,912	1,200,000		1,205,150			3.500	3.324	MS	12,367	42,000	11/21/2016	03/15/2025
09659D-AB-2	STANFORD UNIVERSITY				1.A FE	2,249,294	.78	2380	1,631,263	2,085,000		2,235,505			3.460	3.072	MN	12,024	72,141	09/18/2019	05/01/2047
09659D-AA-4	STANFORD UNIVERSITY SR NTS				1.A FE	1,003,536	.89	0310	695,334	781,000		990,406			4.249	2.957	MN	5,531	33,185	08/23/2019	05/01/2054
854403-AE-2	STANFORD UNIVERSITY SR NTS				1.A FE	1,978,130	.80	7720	1,412,700	1,749,000		1,590,350			3.563	2.839	JD	5,193	62,317	10/20/2020	06/01/2044
85440K-AA-2	STANFORD UNIVERSITY SR NTS				1.A FE	12,230,712	.83	0600	8,765,293	10,553,000		12,094,391			3.647	2.853	MN	64,145	384,868	12/12/2019	05/01/2048
85440K-AD-6	STANFORD UNIVERSITY SR NTS				1.A FE	12,000,000	.63	5560	7,626,680	12,000,000		12,000,000			2.413	2.428	JD	24,130	289,560	05/28/2020	06/01/2050
855244-AR-0	STARBUCKS CORP				2.A FE	1,435,283	.95	3770	1,316,203	1,380,000		1,416,179			4.000	3.533	MN	7,053	55,200	05/02/2019	11/15/2028
855244-AQ-2	STARBUCKS CORP SR NTS				2.A FE	1,583,226	.97	8480	1,518,597	1,552,000		1,565,053			3.800	3.470	FA	22,280	58,976	03/11/2019	08/15/2025
86787E-BC-0	SUNTRUST BANK SR NTS				1.F FE	1,914,368	.97	6590	1,870,176	1,915,000		1,914,834			3.200	3.233	AO	15,320	61,280	03/12/2019	04/01/2024
871829-AZ-0	SYSCO CORPORATION COMPANY			2	2.B FE	3,445,290	.96	8500	3,205,721	3,310,000		3,351,388			3.750	3.256	AO	31,031	124,125	09/07/2016	10/01/2025
871829-BC-0	SYSCO CORPORATION NOTES			2	2.B FE	3,710,246	.94	4430	3,437,727	3,640,000		3,684,994			3.300	2.926	JJ	55,389	95,700	02/10/2022	07/15/2026
08806#-AG-2	TABCORP HOLDINGS LIMITED				2.C Z	3,000,000	102	2500	3,067,500	3,000,000		3,000,000			6.690	6.802	MS			12/01/2022	03/01/2030
88240T-AC-5	TEXAS ELECTRIC MKT STABL SR SECURE				1.A FE	7,899,219	.97	8430	7,476,820	7,900,000		7,894,095			5.057	5.004	FA	166,460		06/08/2022	08/01/2046
87303*-AA-9	THL CREDIT DL FUND IV REVOLVING NT				1.E PL	1,469,203	100	0000	1,469,203	1,469,203		1,469,203			5.000	5.095	JAJO	33,161	60,367	12/23/2022	07/15/2025
89837L-AH-8	TRUSTEES PRINCETON UNIVERSITY			2	1.A FE	7,000,000	.92	4790	6,473,546	7,000,000		7,000,000			4.201	4.245	MS	98,023	79,236	05/17/2022	03/01/2052
25468P-CR-5	TIDC ENTERPRISES 18 CORP				2.A FE	936,820	.86	2630	862,626	1,000,000		937,738			4.125	4.245	JD	3,438	20,625	02/10/2021	02/01/2041
902494-AX-1	TYSON FOODS INC SR NTS			2	2.B FE	1,322,978	.98	4180	1,247,940	1,268,000		1,284,945			3.950	2.980	FA	18,921	50,086	10/02/2019	08/15/2024
902494-BG-7	TYSON FOODS INC SR NTS			2	2.B FE	499,305	.99	0890	495,443	500,000		499,888			3.900	3.969	MS	5,038	19,500	09/25/2018	09/28/2023
907818-DT-2	UNION PACIFIC CORP BCLASS				1.G FE	4,256,970	.91	4070	3,107,849	3,400,000		4,206,235			4.821	3.260	FA	68,298	163,914	02/10/2021	02/01/2044
907818-EB-0	UNION PACIFIC CORP NOTES			2	1.G FE	915,030	.84	8480	801,815	945,000		923,827			3.375	3.668	FA	13,289	31,894	02/03/2021	02/01/2035
907818-EJ-3	UNION PACIFIC CORP SR NTS				1.G FE	2,905,726	.82	2360	2,146,369	2,610,000		2,882,231			4.050	3.431	MS	35,235	99,630	06/08/2022	03/01/2046
907818-DY-1	UNION PACIFIC CORPORATION				1.G FE	2,987,615	.97	1870	2,987,615	3,000,000		2,997,229			3.250	3.324	JJ	44,958	97,500	09/18/2014	01/15/2025
910208-AC-1	UNITED ELEC SECURITIZATI UNITED EL				1.A FE	4,700,000	.96	4920	4,535,119	4,700,000		4,700,000			5.516	5.592	JD	12,242		12/07/2022	12/01/2050
91324P-CQ-3	UNITED HEALTH GROUP INC NTS				1.F FE	3,225,272	.97	3080	2,741,180	2,817,000		3,133,670			4.625	3.540	JJ	60,076	130,286	01/23/2018	07/15/2035
913017-BP-3	UNITED TECHNOLOGIES CORP				2.A FE	8,842,097	.107	0620	7,387,247	6,900,000		8,316,561			6.125	4.351	JJ	194,877	422,625	08/05/2014	07/15/2038
91324P-AR-3	UNITEDHEALTH GROUP INC SR NTS				1.F FE	240,198	105	8670	211,734	200,000		232,788			5.800	4.216	MS	3,416	11,600	08/30/2018	03/15/2036
91324P-DX-7	UNITEDHEALTH GROUP INC SR NTS				1.F FE	1,512,144	.82	6690	1,260,695	1,525,000		1,515,272			2.000	2.105	MN	3,897	30,500	05/13/2020	05/15/2030
914744-AB-3	UNIV OF NOTRE DAME SR NTS				1.A FE	2,752,020	.97	3280	1,946,557	2,000,000		2,678,310			4.900	2.571	MS	32,667	98,000	05/28/2020	03/01/2041

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 1**

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization) Accretion	Current Year's Other Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
914744-AD-9	UNIVERSITY OF NOTRE DAME SR NTS				1.A FE	4,500,349	80.0610	3,742,867	4,675,000	4,516,667		4,573		3,438	3.697	FA		60,719	160,727	04/16/2019	02/15/2045
914748-AA-6	UNIVERSITY OF NOTRE DAME SR NTS				1.A FE	8,898,028	78.6360	6,349,872	8,075,000	8,832,428		(20,955)		3,394	2.881	FA		103,536	274,066	12/04/2019	02/15/2048
91159H-JF-8	US BANCORP				1.F FE	3,800,000	97.6490	3,710,663	3,800,000	3,800,000				4,548	4.600	JJ		76,331		07/19/2022	07/22/2028
91159H-HN-3	US BANCORP SR NOTES			2	1.F FE	2,481,700	92.3920	2,309,806	2,500,000	2,492,975		1,867		2,375	2.473	JJ		26,224	59,375	07/19/2016	07/22/2026
92343V-DY-7	VERIZON COMMUNICATIONS INC SR NTS				2.A FE	4,783,600	97.5340	4,496,303	4,610,000	4,695,176		(18,403)		4,125	3.681	MS		55,464	190,163	11/15/2017	03/16/2027
92343V-EU-4	VERIZON COMMUNICATIONS SR NTS				2.A FE	9,129,950	93.8890	7,576,837	8,070,000	8,943,212		(115,078)		4,016	2.329	JD		25,207	324,091	07/29/2021	12/03/2029
92343V-FF-6	VERIZON COMMUNICATIONS SR NTS				2.A FE	3,527,840	93.0200	3,041,762	3,270,000	3,460,930		(45,272)		3,000	1.517	MS		26,978	98,100	07/07/2021	03/22/2027
92343V-GG-3	VERIZON COMMUNICATIONS SR NTS				2.A FE	1,996,060	89.8660	1,797,328	2,000,000	1,997,442		770		1,450	1.496	MS		8,136	29,000	03/11/2021	03/20/2026
92343V-GH-1	VERIZON COMMUNICATIONS SR NTS				2.A FE	2,786,619	86.9470	2,421,462	2,785,000	2,786,234		(222)		2,100	2.102	MS		16,083	58,485	03/24/2021	03/22/2028
92343V-GJ-7	VERIZON COMMUNICATIONS SR NTS				2.A FE	2,013,210	82.3760	1,647,528	2,000,000	2,011,938		(1,306)		2,550	2.485	MS		14,167	51,000	11/05/2021	03/21/2031
927804-FL-3	VIRGINIA ELEC + POWER CO				2.A FE	3,559,160	81.4200	2,404,342	2,953,000	3,515,245		(21,644)		4,000	2.760	JJ		54,466	118,120	06/14/2021	01/15/2043
927804-FV-1	VIRGINIA ELECTRIC + POWER CO NTS			2	2.A FE	2,838,857	93.3120	2,659,399	2,850,000	2,845,289		1,130		2,950	3.018	MN		71,022	84,075	11/15/2016	11/15/2026
92826C-AK-8	VISA INC SR NTS				1.D FE	560,842	76.2640	430,894	565,000	561,287		166		2,700	2.767	AO		3,221	15,255	03/31/2020	04/15/2040
931142-CY-7	WALMART INC				1.C FE	627,820	100.7720	555,254	551,000	618,370		618,370		5,000	4.072	AO		5,051	27,550	01/24/2019	10/25/2040
254687-DB-9	WALT DISNEY COMPANY SR NTS				1.G FE	3,053,825	107.4970	2,526,184	2,350,000	2,648,610		(134,097)		8,500	2.402	FA		71,022	199,750	11/26/2019	02/23/2025
254687-DF-0	WALT DISNEY COMPANY SR NTS				1.G FE	1,075,635	107.3730	885,829	825,000	948,766		(41,911)		7,700	2.217	AO		10,764	63,525	11/26/2019	10/30/2025
940663-AC-1	WASHINGTON UNIV SR NTS				1.B FE	36,797,320	79.2470	29,321,354	37,000,000	36,799,147		1,827		3,524	3.587	AO		275,264	680,915	06/02/2022	04/15/2054
95000U-2A-0	WELLS FARGO & COMPANY NTS			2	2.A FE	10,429,072	92.9870	9,323,613	9,930,000	10,267,538		(71,739)		3,584	2.784	MN		38,555	355,891	01/05/2022	05/22/2028
95000U-2G-7	WELLS FARGO & COMPANY SR NTS				2.A FE	6,409,395	85.2500	5,328,134	6,250,000	6,369,711		(15,837)		2,879	2.588	AO		30,489	179,938	11/17/2021	10/30/2030
94974B-GA-2	WELLS FARGO CO MED NOTES				2.A FE	2,348,642	97.0320	2,285,110	2,355,000	2,353,775		693		3,300	3.360	MS		24,178	77,715	09/02/2014	09/09/2024
983024-AN-0	WYETH LLC PFE 5.95				1.E FE	2,156,174	107.9280	1,883,342	1,745,000	2,092,364		(17,651)		5,950	4.135	AO		25,957	103,828	03/04/2019	04/01/2037
98389B-AH-3	XCEL ENERGY INC SR NTS				2.A FE	3,283,444	108.7410	2,558,686	2,353,000	3,180,323		(48,712)		6,500	3.318	JJ		76,473	152,945	08/11/2021	07/01/2036
98459L-AC-7	YALE UNIVERSITY BCLASS				1.A FE	5,500,000	64.0440	3,522,444	5,500,000	5,500,000				2,402	2.416	AO		27,890	132,110	06/02/2020	04/15/2050
98978V-AK-9	ZOETIS INC				2.A FE	673,562	99.4150	616,371	620,000	645,129		(8,269)		4,500	3.037	MN		3,720	27,900	06/05/2019	11/15/2025
06368F-AC-3	BANK OF MONTREAL			A	1.F FE	2,994,930	87.4910	2,624,745	3,000,000	2,996,223		989		1,250	1.289	MS		11,042	37,500	09/09/2021	09/15/2026
046353-AL-2	ASTRAZENECA PLC NTS			D	1.G FE	4,507,202	96.5900	4,156,247	4,303,000	4,434,884		(44,803)		3,375	2.303	MN		18,153	145,226	08/19/2021	11/16/2025
478375-AG-3	JOHNSON CONTROLS INTL PL			D	2.B FE	2,179,547	97.7830	2,115,046	2,163,000	2,166,659		(2,331)		3,625	3.539	JJ		38,987	78,409	12/23/2016	07/02/2024
606822-BD-5	DAIICHI KANGAROO FINANCIAL SR NTS			D	1.G FE	1,375,000	97.9370	1,346,634	1,375,000	1,375,000				3,407	3.436	MS		14,835	46,846	02/26/2019	03/07/2024
822582-AD-4	SHELL INTERNATIONAL FINANCE NTS			D	1.D FE	3,855,282	110.5620	3,167,591	2,865,000	3,703,786		(37,416)		6,375	3.937	JD		8,118	182,844	10/30/2019	12/15/2038
1019999999	Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated) - Issuer Obligations					857,477,347	XXX	746,149,782	808,155,494	847,811,301		(3,982,145)		XXX	XXX	XXX		8,059,581	27,116,786	XXX	XXX
00842B-AJ-6	AGATE BAY MTG TRUST 2015-5 CL A9				1.A	1,184,284	90.8560	1,050,554	1,156,281	1,178,582		1,796		3,500	2.866	MON		3,372	40,470	09/29/2016	07/25/2045
00842T-AD-0	AGATE BAY MTG TRUST 2016-1 CL A4				1.A	145,126	90.7320	133,426	145,323	145,323		(135)		3,000	3.509	MON		4,412		01/11/2016	11/25/2045
00842E-AC-5	AGATE BAY MTG TRUST 2016-2 CL A3				1.A	907,291	88.9420	786,439	884,219	926,475		(5,596)		3,500	1.934	MON		2,579	30,947	01/27/2020	03/25/2046
22944P-AA-5	CREDIT SUISSE MTG TRUST 2013-TH1				1.A	3,374,470	85.0080	2,973,579	3,497,992	3,315,642		(115,676)		2,130	3.174	MON		6,209	74,453	04/26/2016	02/25/2043
12647P-AL-2	CREDIT SUISSE MTG TRUST SER 2013-7				1.A	1,036,052	87.5600	896,335	1,023,679	1,042,588		11,078		3,500	3.218	MON		2,986	35,803	07/20/2020	08/25/2043
36262Q-AB-5	GS MBS 2021-GR1 A2 MTG				1.A	3,063,025	80.1590	2,416,033	3,014,047	3,062,683		2,691		2,500	2.311	MON		6,279	75,351	06/28/2021	11/25/2051
36261H-AA-8	GS MBS 2021-PJ5 A1 MTG				1.A	12,033,283	78.0190	9,456,164	12,120,398	12,034,515		2,064		2,000	2.114	MON		20,201	242,408	05/14/2021	10/25/2051
36262C-AB-6	GS MBS 2021-PJ7 CL A2				1.A	8,050,952	80.4140	6,360,799	7,910,054	8,048,369		4,277		2,500	2.294	MON		16,479	197,751	07/20/2021	01/25/2052
46644V-AD-8	JP MORGAN MTG TRUST 2015-4 CL 1A4				1.A	152,482	87.8830	130,897	148,944	154,353		22		3,500	2.152	MON		434	5,189	02/18/2020	06/25/2045
46644V-BJ-4	JP MORGAN MTG TRUST 2015-4 CL 2A2				1.A	1,955,674	85.3590	1,686,472	1,975,740	1,957,384		(4,365)		3,000	3.218	MON		4,939	59,272	11/01/2015	06/25/2045
46645G-AC-2	JP MORGAN MTG TRUST 2015-6 CL A3				1.A	736,753	87.1470	633,842	727,321	739,461		(2,946)		3,500	3.229	MON		2,121	25,423	10/27/2015	10/25/2045
46647J-AC-4	JP MORGAN MTG TRUST 2016-4 CL A3				1.A	782,118	88.7760	685,653	772,343	780,553		91		3,500	3.177	MON		2,253	27,032	11/21/2016	10/25/2046
46648H-AC-7	JP MORGAN MTG TRUST 2017-2 CL A3				1.A	1,893,680	86.0210	1,600,981	1,861,150	1,903,715		4,049		3,500	3.053	MON		5,428	65,140	05/24/2017	05/25/2047
46647S-AE-0	JP MORGAN MTG TRUST 2017-3 CL 1A3				1.A	1,869,448	89.1700	1,632,997	1,831,336	1,910,501		26,078		3,500	2.840	MON		5,341	64,082	02/06/2020	08/25/2047

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 1**

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization) Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
46592X-AC-8	JP MORGAN MTG TRUST 2021-13 CL A3				1.A	30,055,523	.80	24,052,374	29,910,643	30,060,051		2,815			2.500	2.461	MON	62,314	747,766	10/27/2021	04/25/2052
46654T-AB-4	JP MORGAN MTG TRUST 2021-15 CL A2				1.A	12,461,309	.83	10,231,564	12,254,515	12,460,635		(2,935)			3.000	2.811	MON	30,636	367,635	12/20/2021	06/25/2052
46592P-AR-2	JP MORGAN MTG TRUST SER 21 CL A5A				1.A	2,781,092	.77	2,789,890	3,205,870	2,789,773		8,681	6,679		2.500	4.610	MON	6,679	46,752	04/28/2022	10/25/2051
46655D-AC-6	JP MORGAN MTG TRUST SER 22-2 CL A3				1.A	20,102,593	.80	17,044,158	21,195,485	20,224,195		121,602			2.500	3.846	MON	44,157	441,573	02/24/2022	08/25/2052
61772N-AJ-6	MS MTG TRUST SER 2021-5 CL A3				1.A	8,527,522	.80	6,736,287	8,376,997	8,528,100		4,547			2.500	2.281	MON	17,452	209,425	08/19/2021	08/25/2051
67647L-AA-9	OCEANVIEW MTG TRUST SR 2021-1 A1				1.A	8,207,107	.80	6,477,212	8,054,821	8,205,106		9,936			2.500	2.273	MON	16,781	201,370	04/14/2021	05/25/2051
75409T-AG-0	RATE MTG TRUST 2021-J3 CL A7				1.A	23,912,946	.85	20,175,640	23,501,667	23,873,614		(15,888)			2.500	2.190	MON	48,962	587,542	10/05/2021	10/25/2051
81748A-AG-9	SEQUOIA MORTGAGE TRUST SEMT 2020 3				1.A	1,561,875	.79	1,186,888	1,500,000	1,554,249		(2,091)			3.000	2.648	MON	3,750	45,000	03/12/2021	04/25/2050
81745M-AA-9	SEQUOIA MTG TRUST SER 2013-2 CL A				1.A	1,175,280	.83	1,056,606	1,266,298	1,150,651		(48,866)			1.874	3.810	MON	1,978	23,730	12/03/2015	02/25/2043
81745L-AD-5	SEQUOIA MTG TRUST SER 2014-4 CL A4				1.A	819,529	.88	703,428	799,271	815,751		(718)			3.500	2.711	MON	2,331	27,974	02/18/2020	11/25/2044
81746R-AU-3	SEQUOIA MTG TRUST SER 2016-2 CLA19				1.A	316,825	.87	272,530	311,682	315,837		(678)			3.500	3.114	MON	909	10,906	07/21/2016	08/25/2046
81746G-AA-1	SEQUOIA MTG TRUST SER 2017-1 CL A1				1.A	1,846,955	.87	1,579,511	1,811,018	1,875,389		23,271	5,282		3.500	2.979	MON	5,282	63,386	10/02/2017	10/25/2047
81746X-AA-4	SEQUOIA MTG TRUST SR 2017-3 CL A1				1.A	1,056,978	.86	924,681	1,063,793	1,052,496		(4,031)			3.500	3.737	MON	3,103	37,233	03/13/2017	04/25/2047
81748M-AA-6	SEQUOIA MTG TRUST SR 2020-1 CL A1				1.A	1,262,024	.87	1,078,207	1,233,688	1,281,441		(7,534)			3.500	2.315	MON	3,598	43,179	01/08/2020	02/25/2050
81749K-AA-0	SEQUOIA MTG TRUST SR 2020-2 CL A1				1.A	723,905	.86	615,400	713,207	725,936		2,078			3.500	3.278	MON	2,080	24,962	12/28/2020	03/25/2050
74939K-AE-6	WOODWARD CAPITAL MANAGEMENT RCKT 2				1.A	6,277,016	.85	5,363,532	6,247,729	6,275,353		(1,837)			2.500	2.437	MON	13,016	156,193	12/14/2021	12/25/2051
74939V-AA-1	WOODWARD CAPITAL MGT SER 21-4 CL A				1.A	32,131,731	.80	25,491,910	31,700,796	32,140,850		20,201			2.500	2.343	MON	66,043	792,520	09/21/2021	09/25/2051
74938A-AA-1	WOODWARD CAPITAL MGT SER 21-5 CL A				1.A	23,858,670	.80	19,742,401	24,550,920	23,870,784		12,124			2.500	2.921	MON	51,148	561,188	02/24/2022	11/25/2051
74939W-AB-7	WOODWARD CAPITAL MGT SER 22-2 CL A				1.A	3,144,391	.80	2,673,487	3,324,650	3,165,956		21,564			2.500	4.035	MON	6,926	69,263	02/17/2022	02/25/2052
1029999999	Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated) - Residential Mortgage-Backed Securities					217,407,909	XXX	178,343,804	218,093,610	217,566,311		71,561			XXX	XXX	XXX	466,134	5,405,330	XXX	XXX
30291N-AG-9	FREMIF MORTGAGE TRUST FREMIF 2013 K3				1.A	7,370,781	.98	6,866,794	7,000,000	7,079,028		(161,735)			3.531	1.229	MON	20,599	250,501	03/15/2021	10/25/2046
30291R-AA-3	FREMIF MORTGAGE TRUST FREMIF 2013 K3				1.A	11,794,698	.98	10,903,989	11,075,000	11,238,247		(328,627)			3.727	0.775	MON	34,392	418,535	04/27/2021	09/25/2046
30305K-AJ-3	FREMIF MORTGAGE TRUST FREMIF 2017 K6				1.A	2,962,033	.89	2,583,212	2,889,000	2,928,507		(17,346)			3.727	3.513	MON	8,972	92,895	09/26/2022	10/25/2049
35709Q-AU-7	FREMIF MORTGAGE TRUST SER 17-K66				1.A	1,815,170	.92	1,827,388	1,970,000	1,822,548		7,378			4.038	6.134	MON	6,629	20,112	09/26/2022	07/25/2027
30296A-AS-6	FREMIF MTG TRUST SER 17-K61 CL B				1.A	3,737,919	.92	3,156,865	3,420,000	3,637,103		(52,923)			3.694	2.022	MON	10,529	127,998	03/16/2021	12/25/2049
30295X-AS-7	FREMIF MTG TRUST SER 17-K724 CL B				1.A	1,066,914	.97	976,608	1,000,000	1,020,577		(25,084)			3.498	1.022	MON	2,915	35,649	02/24/2021	11/25/2023
30265A-AN-4	FREMIF MTG TRUST SER 2013 K3 CL B				1.A	35,054,157	.98	32,435,999	33,041,000	33,490,847		(894,558)			3.495	0.768	MON	96,221	1,170,852	04/13/2021	08/25/2046
30291H-AE-7	FREMIF MTG TRUST SER 2013-K28 CL B				1.A	4,527,762	.99	4,351,340	4,375,000	4,378,979		(47,184)			3.444	2.377	MON	12,557	154,407	08/17/2020	06/25/2046
30291H-AG-2	FREMIF MTG TRUST SER 2013-K28 CL C				1.A	11,524,844	.99	10,910,998	11,000,000	11,021,223		(261,399)			3.444	1.133	MON	31,573	388,224	03/15/2021	06/25/2046
30291K-AN-0	FREMIF MTG TRUST SER 2013-K30 CL B				1.A	7,187,750	.98	6,727,240	6,800,000	6,865,264		(191,781)			3.547	0.711	MON	20,099	244,838	04/28/2021	06/25/2045
30291M-AN-6	FREMIF MTG TRUST SER 2013-K31 CL B				1.A	2,969,324	.99	2,803,976	2,830,000	2,843,608		(53,998)			3.627	1.716	MON	8,553	104,124	03/12/2021	07/25/2046
30291M-AQ-9	FREMIF MTG TRUST SER 2013-K31 CL C				1.A	6,654,085	.98	6,219,973	6,296,000	6,337,472		(144,156)			3.627	1.320	MON	19,028	231,649	10/14/2020	07/25/2046
30291N-AE-4	FREMIF MTG TRUST SER 2013-K32 CL B				1.A	4,208,976	.98	4,007,568	4,055,000	4,070,429		(43,685)			3.531	2.459	MON	11,932	145,112	10/09/2020	10/25/2046
30291V-AE-6	FREMIF MTG TRUST SER 2013-K35 CL B				1.A	13,448,196	.98	12,376,794	12,555,000	12,776,001		(376,412)			3.932	0.912	MON	41,143	500,828	04/13/2021	12/25/2046
30291W-AQ-7	FREMIF MTG TRUST SER 2014- K3 CL C				1.A	2,984,904	.98	2,883,239	2,940,000	2,945,411		(6,960)			4.366	4.195	MON	10,698	130,087	09/09/2016	12/25/2046
30291W-AN-4	FREMIF MTG TRUST SER 2014-K36 CL C				1.A	7,981,435	.98	7,245,858	7,355,000	7,538,216		(242,230)			4.366	1.038	MON	26,763	325,438	04/12/2021	12/25/2046
35563B-AJ-9	FREMIF MTG TRUST SER 2014-K37 CL B				1.A	1,165,913	.98	1,102,665	1,125,000	1,147,289		(18,624)			4.561	2.582	MON	4,276	43,483	02/23/2022	01/25/2047
35563B-AL-4	FREMIF MTG TRUST SER 2014-K37 CL C				1.A	1,357,305	.97	1,231,229	1,260,000	1,283,313		(22,697)			4.561	2.717	MON	4,789	58,278	08/20/2019	01/25/2047
30292C-AL-1	FREMIF MTG TRUST SER 2014-K38 CL C				1.A	16,704,801	.97	15,612,842	16,000,000	16,257,914		(202,311)			4.634	3.390	MON	61,785	751,755	05/26/2021	06/25/2047
30292G-AN-8	FREMIF MTG TRUST SER 2014-K39 CL B				1.A	1,090,469	.96	966,559	1,000,000	1,046,474		(30,586)			4.156	1.037	MON	3,463	42,080	07/22/2021	08/25/2047
30285F-AE-9	FREMIF MTG TRUST SER 2014-K40 CL B				1.A	6,703,607	.97	6,155,829	6,345,000	6,471,326		(185,773)			4.074	2.788	MON	21,540	262,076	10/19/2020	11/25/2047
30292P-AE-8	FREMIF MTG TRUST SER 2015-K45 CL B				1.A	3,966,852	.95	3,867,559	4,050,000	4,029,998		9,050			3.610	3.928	MON	8,123	148,011	06/01/2020	04/25/2048
30292R-AJ-3	FREMIF MTG TRUST SER 2015-K46 CL B				1.A	2,362,986	.95	2,089,562	2,195,000	2,282,690		(40,015)			3.698	1.833	MON	6,765	80,184	01/06/2022	04/25/2048
30293W-AE-2	FREMIF MTG TRUST SER 2015-K50 CL B				1.A	9,627,264	.94	8,693,630	9,170,000	9,495,882		(123,450)			3.779	2.415	MON	28,880	351,501	08/18/2021	10/25/2048

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 1**

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	C o d e	F o r e i g n	B o n d C h a r	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization) Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
30289U-AS-1	FREMIF MTG TRUST SER 2016-K56 CL B				1.A	1,286,183	94.3710	1,094,702	1,160,000	1,242,136		(24,162)		3,944	1.774	MON		3,812	46,386	03/12/2021	06/25/2049
30295A-AN-8	FREMIF MTG TRUST SER 2016-K722 CL B				1.A	632,063	99.3320	595,990	600,000	602,848		(16,971)		3,949	1.103	MON		23,693		04/09/2021	07/25/2049
30302X-AE-9	FREMIF MTG TRUST SER 2017-K6 CL B				1.A	3,031,982	93.2200	2,563,538	2,750,000	2,951,404		(44,938)		4,077	2.324	MON		9,343	113,681	07/25/2050	
30305K-AG-9	FREMIF MTG TRUST SER 2017-K69 CL B				1.A	2,635,678	91.1600	2,443,084	2,680,000	2,605,799		(9,124)		3,727	4.582	MON		8,323	54,485	09/27/2022	10/25/2049
30291J-AL-7	FREMIF MTG TRUST SER- 2013-K29 CL C				1.A	4,071,288	99.1510	3,876,792	3,910,000	3,934,573		(99,448)		3,465	0.951	MON		11,291	137,638	08/18/2021	05/25/2046
30291V-AG-1	FREMIF MTG TRUST SER2013-K35 CL C				1.A	10,486,153	98.4440	9,630,823	9,783,000	9,931,633		(252,164)		3,932	1.324	MON		32,059	390,251	10/13/2020	12/25/2046
30292C-AJ-6	FREMIF MTG TRUST SER2014-K38 CL B				1.A	7,892,880	97.5440	7,491,369	7,680,000	7,815,729		(110,534)		4,221	2.833	MON		27,014	329,124	08/18/2021	06/25/2047
30292G-AQ-1	FREMIF MTG TRUST SERIES 2014-K39 C				1.A	3,863,841	96.3140	4,074,070	4,230,000	4,149,942		49,841		4,156	5.612	MON		14,648	177,998	05/02/2016	08/25/2047
1039999999	Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated) - Commercial Mortgage-Backed Securities					202,168,213	XXX	187,768,084	192,539,000	195,242,410		(3,857,606)		XXX	XXX	XXX		610,688	7,351,873	XXX	XXX
07359B-AA-5	BEACON CONTAINER FINANCE II LLC				1.F FE	9,194,218	84.8450	8,094,234	9,540,000	9,195,677		1,274		2,250	3.272	MON		6,559	165,630	12/14/2022	10/22/2046
12657W-AE-0	CNH EQUIPMENT TRUST 2021-B CL B				1.C FE	1,999,901	88.3050	1,766,108	2,000,000	1,999,930		8		0,900	0.905	MON		800	18,000	07/20/2021	01/16/2029
24702V-AL-6	DELL EQUIPMENT TRUST SER 21-2 CL D				2.B FE	5,849,860	93.2500	5,455,105	5,850,000	5,849,919		45		1,210	1.218	MON		1,770	70,785	09/14/2021	06/22/2027
24703W-AF-6	DELL EQUIPMENT TRUST SER 22-1 CL D				2.B FE	2,999,458	94.9130	2,847,383	3,000,000	2,999,527		70		3,330	3.385	MON		2,498	76,590	03/10/2022	01/22/2028
24702C-AJ-3	DELL EQUIPMENT TRUST SER 22-2 CL D				1.F FE	5,498,788	96.9750	5,333,602	5,500,000	5,498,878		89		4,740	4.849	MON		6,518	110,073	07/12/2022	07/22/2027
466159-AA-8	HENDERSON MTG SER 10-2A				1.A FE	513,022	97.0700	468,217	482,348	511,733		(701)		4,070	3.760	MON		873	19,632	02/18/2021	01/15/2048
46617L-AA-9	HENDERSON MTG SER 2013-3A CL A				1.A FE	744,303	89.5260	582,878	651,068	742,906		(688)		4,080	3.540	MON		1,181	26,563	11/13/2020	01/17/2073
46618A-AA-2	HENDERSON MTG SER 2014-2A CL A				1.A FE	665,250	86.6060	596,324	666,000	666,104		(547)		3,610	3.204	MON		957	21,527	11/13/2020	01/17/2073
46618H-AA-7	HENDERSON MTG SER 2014-3A CL A				1.A FE	975,356	84.7390	908,558	1,072,188	975,546		190		3,500	3.970	MON		1,668	12,509	08/17/2022	06/15/2077
46618L-AA-8	HENDERSON MTG SER 2015-1A CL A				1.A FE	130,987	83.0710	99,753	120,081	130,789		(94)		3,260	2.959	MON		174	3,915	11/13/2020	09/15/2072
46620D-AA-2	HENDERSON RECEIVABLES LLC				1.A FE	2,493,051	83.8090	2,504,624	2,988,485	2,497,453		4,402		3,410	6.451	MON		4,812	8,492	11/17/2022	06/15/2067
43351R-AA-3	HIPGNOSIS MUSIC ASSETS 2022-1 CL A				1.G FE	10,130,705	92.1360	9,766,454	10,600,000	10,139,467		8,763		5,000	5.531	MON		60,361	135,444	08/16/2022	05/16/2062
40438P-AE-2	HPEFS EQUIPMENT TRUST 2020-2A CL C				1.A FE	642,087	99.5210	626,004	629,015	630,096		(7,874)		2,000	0.662	MON		384	12,580	07/20/2021	07/22/2030
40444Y-AA-9	HPEFS EQUIPMENT TRUST 2021-1A CL C				1.B FE	1,133,887	95.9020	1,112,464	1,160,000	1,145,398		1,152		0,750	2.734	MON		266	6,825	06/16/2022	03/20/2031
40440Y-AF-6	HPEFS EQUIPMENT TRUST 2021-1A CL D				2.A FE	2,138,094	94.3280	2,032,760	2,155,000	2,142,184		4,258		1,030	1.649	MON		678	20,394	08/16/2022	03/20/2031
40441J-AF-8	HPEFS EQUIPMENT TRUST 2021-2A CL D				2.A FE	7,731,193	92.5040	7,700,967	8,325,000	7,899,233		168,039		1,290	5.098	MON		3,281	62,646	05/26/2022	03/20/2029
40441R-AF-0	HPEFS EQUIPMENT TRUST 2022-1A CL D				2.B FE	4,425,087	90.6520	4,034,021	4,450,000	4,430,570		5,484		2,400	2.593	MON		3,263	96,120	03/02/2022	11/20/2029
40441T-AF-6	HPEFS EQUIPMENT TRUST 2022-2A CL D				2.B FE	9,997,884	96.3080	9,630,830	10,000,000	9,998,331		447		4,940	5.062	MON		15,094	281,306	05/17/2022	03/20/2030
403951-AE-6	HPEFS EQUIPMENT TRUST 22-3A CL A				1.E FE	8,699,532	100.4110	8,735,733	8,700,000	8,699,573		41		6,130	6.308	MON		16,296	90,366	10/12/2022	08/20/2029
46620V-AA-2	J G WENTWORTH XXXIX SER 17-2A CL A				1.A FE	395,922	83.4820	296,259	384,876	395,165		(337)		3,530	3.127	MON		557	12,527	09/17/2020	09/15/2072
46590U-AA-0	J.G. WENTWORTH XLII SER 18-2A CL A				1.A FE	945,741	87.5330	841,480	961,333	945,416		(112)		3,960	4.137	MON		1,692	18,001	08/17/2022	10/15/2075
88315L-AS-7	TEXTAINER MARINE ABS 2021-3A CL A				1.F FE	1,559,194	81.8010	1,355,544	1,657,133	1,566,254		7,060		1,940	3.162	MON		982	29,469	02/15/2022	08/20/2046
872480-AA-6	TIF FUNDING II LLC SER 20-1A CL A				1.F FE	820,488	85.9170	708,817	821,155	821,155		538		2,090	2.241	MON		527	17,110	11/18/2021	08/20/2045
872480-AE-8	TIF FUNDING II LLC SER 21-1A CL A				1.F FE	742,299	83.0620	707,239	851,458	749,282		6,983		1,650	4.687	MON		429	9,366	05/05/2022	02/20/2046
89680H-AA-0	TRITON CONTAINER FINANCE LLC				1.F FE	3,790,567	85.6720	3,343,105	3,902,219	3,801,510		10,813		2,110	2.815	MON		2,516	77,606	02/10/2022	09/20/2045
89680H-AE-2	TRITON CONTAINER FINANCE LLC				1.F FE	5,131,206	83.5000	4,886,685	5,852,344	5,170,993		39,737		1,860	4.972	MON		3,318	72,313	06/14/2022	03/20/2046
88315L-AG-3	TEXTAINER MARINE ABS 20-2A CL A				1.F FE	5,517,554	87.1770	4,804,804	5,511,526	5,515,787		(658)		2,100	2.118	MON		3,537	114,235	02/15/2022	09/20/2045
88315L-AL-2	TEXTAINER MARINE ABS 2021-1A CL A				1.F FE	1,471,733	84.1070	1,435,434	1,706,667	1,496,201		24,467		1,680	6.703	MON		876	14,336	06/17/2022	02/20/2046
1049999999	Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated) - Other Loan-Backed and Structured Securities					96,337,367	XXX	90,595,516	99,442,065	96,613,077		283,229		XXX	XXX	XXX		141,867	1,604,360	XXX	XXX
1109999999	Total - Industrial and Miscellaneous (Unaffiliated) Bonds					1,373,390,836	XXX	1,202,857,186	1,318,230,169	1,357,233,099		(7,484,961)		XXX	XXX	XXX		9,278,270	41,478,349	XXX	XXX
1309999999	Total - Hybrid Securities						XXX							XXX	XXX	XXX				XXX	XXX
1509999999	Total - Parent, Subsidiaries and Affiliates Bonds						XXX							XXX	XXX	XXX				XXX	XXX
1909999999	Subtotal - Bonds - Unaffiliated Bank Loans						XXX							XXX	XXX	XXX				XXX	XXX

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 1**

Showing All Long-Term BONDS Owned December 31 of Current Year

1	2	Codes			6	7	Fair Value		10	11	Change in Book/Adjusted Carrying Value				Interest					Dates	
		3	4	5			8	9			12	13	14	15	16	17	18	19	20	21	22
CUSIP Identification	Description	Code	For	Bond Char	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	Actual Cost	Rate Used to Obtain Fair Value	Fair Value	Par Value	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization) Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Rate of	Effective Rate of	When Paid	Admitted Amount Due and Accrued	Amount Received During Year	Acquired	Stated Contractual Maturity Date
2419999999	Total - Issuer Obligations					1,759,180,507	XXX	1,508,841,727	1,676,782,086	1,742,005,557		(6,236,598)			XXX	XXX	XXX	16,787,309	52,030,505	XXX	XXX
2429999999	Total - Residential Mortgage-Backed Securities					641,567,271	XXX	561,768,951	641,124,893	643,224,025		1,710,629			XXX	XXX	XXX	1,947,571	14,676,079	XXX	XXX
2439999999	Total - Commercial Mortgage-Backed Securities					295,461,055	XXX	268,062,946	285,612,516	288,518,692		(3,907,471)			XXX	XXX	XXX	980,947	9,755,236	XXX	XXX
2449999999	Total - Other Loan-Backed and Structured Securities					96,337,367	XXX	90,595,516	99,442,065	96,613,077		283,229			XXX	XXX	XXX	141,867	1,604,360	XXX	XXX
2459999999	Total - SVO Identified Funds						XXX								XXX	XXX	XXX			XXX	XXX
2469999999	Total - Affiliated Bank Loans						XXX								XXX	XXX	XXX			XXX	XXX
2479999999	Total - Unaffiliated Bank Loans						XXX								XXX	XXX	XXX			XXX	XXX
2489999999	Total - Unaffiliated Certificates of Deposit						XXX								XXX	XXX	XXX			XXX	XXX
2509999999	Total Bonds					2,792,546,200	XXX	2,429,269,140	2,702,961,560	2,770,361,351		(8,150,211)			XXX	XXX	XXX	19,857,694	78,066,180	XXX	XXX

1. Line Book/Adjusted Carrying Value by NAIC Designation Category Footnote:

Number	1A	1A ..\$ .....	1,718,014,462	1B ..\$ .....	294,829,021	1C ..\$ .....	32,117,779	1D ..\$ .....	32,079,737	1E ..\$ .....	43,933,166	1F ..\$ .....	153,018,557	1G ..\$ .....	179,422,843
	1B	2A ..\$ .....	212,662,336	2B ..\$ .....	99,556,233	2C ..\$ .....	4,727,217								
	1C	3A ..\$ .....		3B ..\$ .....		3C ..\$ .....									
	1D	4A ..\$ .....		4B ..\$ .....		4C ..\$ .....									
	1E	5A ..\$ .....		5B ..\$ .....		5C ..\$ .....									
	1F	6 ..\$ .....													

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 2 - SECTION 1**

Showing All PREFERRED STOCKS Owned December 31 of Current Year

1 CUSIP Identification	2 Description	Codes		5 Number of Shares	6 Par Value Per Share	7 Rate Per Share	8 Book/Adjusted Carrying Value	Fair Value		11 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				20 NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	21 Date Acquired		
		3 Code	4 Foreign					9 Rate Per Share Used to Obtain Fair Value	10 Fair Value		12 Declared but Unpaid	13 Amount Received During Year	14 Nonadmitted Declared But Unpaid	15 Unrealized Valuation Increase/ (Decrease)	16 Current Year's (Amortization) Accretion	17 Current Year's Other-Than-Temporary Impairment Recognized	18 Total Change in Book/Adjusted Carrying Value (15 + 16 - 17)			19 Total Foreign Exchange Change in Book/Adjusted Carrying Value	
<b>NONE</b>																					
4509999999 - Total Preferred Stocks								XXX												XXX	XXX

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1. Line Book/Adjusted Carrying Value by NAIC Designation Category Footnote:  
 Number  
 1A 1A ..\$ ..... 1B ..\$ ..... 1C ..\$ ..... 1D ..\$ ..... 1E ..\$ ..... 1F ..\$ ..... 1G ..\$ .....  
 1B 2A ..\$ ..... 2B ..\$ ..... 2C ..\$ .....  
 1C 3A ..\$ ..... 3B ..\$ ..... 3C ..\$ .....  
 1D 4A ..\$ ..... 4B ..\$ ..... 4C ..\$ .....  
 1E 5A ..\$ ..... 5B ..\$ ..... 5C ..\$ .....  
 1F 6 .....\$ .....

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 2 - SECTION 2**

Showing All COMMON STOCKS Owned December 31 of Current Year

1	2	Codes		5	6	Fair Value		9	Dividends			Change in Book/Adjusted Carrying Value				17	18
		3	4			7	8		10	11	12	13	14	15	16		
CUSIP Identification	Description	Code	Foreign	Number of Shares	Book/Adjusted Carrying Value	Rate Per Share Used to Obtain Fair Value	Fair Value	Actual Cost	Declared but Unpaid	Amount Received During Year	Nonadmitted Declared But Unpaid	Unrealized Valuation Increase/(Decrease)	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (13 - 14)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Date Acquired	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
002824-10-0	ABBOTT LABORATORIES			75,456,000	8,284,314	109.790	8,284,314	1,219,773		141,857		(2,335,363)		(2,335,363)		04/28/2003	
002871-10-9	ABBVIE INC			39,987,000	6,462,299	161.610	6,462,299	1,468,124		202,294		1,031,562		1,031,562		08/26/2012	
009158-10-6	AIR PRODUCTS & CHEMICALS INC			11,398,000	3,513,547	308.260	3,513,547	316,977	18,465	72,491		45,592		45,592		10/18/2017	
015271-10-9	ALEXANDRIA REAL ESTATE EQUITIES			20,903,000	3,044,940	145.670	3,044,940	2,772,780	25,293	64,142		(885,056)		(885,056)		09/20/2022	
02079K-30-5	ALPHABET INC CL A			252,562,000	22,283,545	88.230	22,283,545	13,321,316				(14,076,601)		(14,076,601)		09/29/2022	
02079K-10-7	ALPHABET INC CL C			30,668,000	2,721,172	88.730	2,721,172	3,294,926				(573,754)		(573,754)		10/11/2022	
02209S-10-3	ALTRIA GROUP INC			39,899,000	1,823,783	45.710	1,823,783	1,576,099	37,505	123,173		(21,269)		(21,269)		06/22/2022	
023135-10-6	AMAZON.COM INC			214,494,000	18,017,496	84.000	18,017,496	20,436,364				(17,131,014)		(17,131,014)		10/11/2022	
025816-10-9	AMERICAN EXPRESS CO			70,280,000	10,383,870	147.750	10,383,870	5,032,283		104,248		(616,148)		(616,148)		10/11/2022	
03027X-10-0	AMERICAN TOWER CORP			22,106,000	4,683,377	211.860	4,683,377	3,349,351	34,485	107,374		(1,425,610)		(1,425,610)		10/06/2022	
032095-10-1	AMPHENOL CORP			47,458,000	3,613,452	76.140	3,613,452	1,780,373	9,966	37,966		(537,225)		(537,225)		03/16/2020	
037833-10-0	APPLE INC			265,697,000	34,522,011	129.930	34,522,011	848,161		241,784		(12,657,805)		(12,657,805)		11/25/2008	
058498-10-6	BALL CORP			54,129,000	2,768,157	51.140	2,768,157	2,684,661		10,826		83,496		83,496		11/14/2022	
084670-70-2	BERKSHIRE HATHAWAY INC - CL B			72,069,000	22,262,114	308.900	22,262,114	17,040,003				1,287,390		1,287,390		10/11/2022	
05550J-10-1	BJ S WHOLESALE CLUB HOLDINGS			135,856,000	8,988,233	66.160	8,988,233	4,443,221				(229,135)		(229,135)		12/15/2022	
09247X-10-1	BLACKROCK INC			3,294,000	2,334,227	708.630	2,334,227	1,919,078		22,253		415,150		415,150		09/29/2022	
110122-10-8	BRISTOL-MYERS SQUIBB COMPANY			27,514,000	1,979,632	71.950	1,979,632	20,685		59,430		264,134		264,134		10/04/1989	
11133T-10-3	BROADRIDGE FINANCIAL Solutio			37,298,000	5,002,781	134.130	5,002,781	4,601,513	27,041	76,983		(1,526,979)		(1,526,979)		10/26/2022	
132152-10-9	CAMBRIDGE BANCORP			87,869,000	7,298,399	83.060	7,298,399	5,653,755		210,109		(826,670)		(826,670)		10/11/2022	
159864-10-7	CHARLES RIVER LABORATORIES			34,214,000	7,455,231	217.900	7,455,231	5,581,058				(1,887,205)		(1,887,205)		10/11/2022	
16119P-10-8	CHARTER COMMUNICATIONS INC			22,828,000	7,740,975	339.100	7,740,975	10,936,268				(4,645,263)		(4,645,263)		10/11/2022	
166764-10-0	CHEVRON CORPORATION			47,095,000	8,453,082	179.490	8,453,082	179,490		270,557		2,926,483		2,926,483		11/20/2020	
125896-10-0	CMS ENERGY CORP			57,705,000	3,654,458	63.330	3,654,458	3,291,377		60,611		218,781		218,781		10/27/2022	
191216-10-0	COCA-COLA CO			63,844,000	4,061,117	63.610	4,061,117	3,818,479		151,085		242,637		242,637		10/24/2022	
20825C-10-4	CONOCOPHILLIPS			45,084,000	5,319,912	118.000	5,319,912	3,616,581	31,559	177,416		1,708,205		1,708,205		06/28/2022	
22160K-10-5	COSTCO WHOLESALE CORP			9,980,000	4,555,870	456.500	4,555,870	3,998,458		23,638		(1,013,401)		(1,013,401)		09/27/2022	
235851-10-2	DANAHER CORP			28,953,000	7,684,705	265.420	7,684,705	2,748,806	7,238	20,357		(1,807,861)		(1,807,861)		04/26/2022	
254709-10-8	DISCOVER FINANCIAL SERVICES			21,793,000	2,132,009	97.830	2,132,009	1,034,786		50,124		(386,390)		(386,390)		01/20/2016	
254687-10-6	DISNEY WALT CO			40,920,000	3,555,130	86.880	3,555,130	2,296,109				(1,876,010)		(1,876,010)		06/16/2022	
256677-10-5	DOLLAR GENERAL CORP			17,574,000	4,327,598	246.250	4,327,598	1,409,713	9,686	34,264		169,105		169,105		09/07/2022	
25754A-20-1	DOMINO S PIZZA INC			10,783,000	3,735,231	346.400	3,735,231	3,916,325		38,647		(1,708,189)		(1,708,189)		09/22/2022	
532457-10-8	ELI LILLY & CO			20,504,000	7,501,183	365.840	7,501,183	4,380,293		76,749		1,850,753		1,850,753		09/07/2022	
29444U-70-0	EQUINIX INC			4,260,000	2,790,428	655.030	2,790,428	1,592,134		48,751		(687,023)		(687,023)		10/06/2022	
30034W-10-6	EVERGY INC			83,356,000	5,245,593	62.930	5,245,593	4,740,905		120,750		(82,264)		(82,264)		10/27/2022	
30040W-10-8	EVERSOURCE ENERGY			30,837,000	2,585,374	83.840	2,585,374	2,218,500		19,659		366,874		366,874		10/12/2022	
30231G-10-2	EXXON MOBIL CORPORATION			92,194,000	10,168,998	110.300	10,168,998	5,400,881		327,289		4,527,647		4,527,647		07/30/2021	
30303M-10-2	FACEBOOK INC			54,500,000	6,558,530	120.340	6,558,530	7,090,471				(10,589,681)		(10,589,681)		11/14/2022	
384109-10-4	GRACO INC			51,958,000	3,494,695	67.260	3,494,695	3,573,497		32,482		(301,182)		(301,182)		07/28/2022	
43300A-20-3	HILTON WORLDWIDE HOLDINGS			19,151,000	2,419,920	126.360	2,419,920	2,412,183		9,750		(567,444)		(567,444)		06/23/2021	
437076-10-2	HOME DEPOT INC			31,172,000	9,845,988	315.860	9,845,988	236,907		782,105		(3,090,704)		(3,090,704)		10/07/2009	
81369Y-70-4	INDUSTRIAL SELECT SECTOR SPDR			211,417,000	20,763,264	98.210	20,763,264	21,010,813		309,998		(247,549)		(247,549)		10/07/2022	
461202-10-3	INTUIT INC			17,938,000	6,981,828	389.220	6,981,828	4,495,395		24,798		(1,839,184)		(1,839,184)		11/07/2022	
46187W-10-7	INVITATION HOMES INC			41,376,000	1,226,385	29.640	1,226,385	1,185,809		31,898		(548,644)		(548,644)		05/09/2022	
478160-10-4	JOHNSON & JOHNSON			71,418,000	12,615,990	176.650	12,615,990	4,623,179		288,372		464,798		464,798		08/31/2022	
46625H-10-0	JP MORGAN CHASE & CO			83,768,000	11,233,289	134.100	11,233,289	56,206		335,072		(2,031,374)		(2,031,374)		01/02/2001	
482480-10-0	KLA-TENCOR CORPORATION			3,411,367	3,411,367	377.030	3,411,367	2,810,599		17,609		600,768		600,768		09/30/2022	
512807-10-8	LAM RESEARCH CORPORATION			10,118,000	4,252,595	420.300	4,252,595	1,629,869	17,454	62,985		(3,023,764)		(3,023,764)		03/26/2020	

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 2 - SECTION 2**

Showing All COMMON STOCKS Owned December 31 of Current Year

1 CUSIP Identifi- cation	2 Description	Codes		5 Number of Shares	6 Book/ Adjusted Carrying Value	Fair Value		9 Actual Cost	Dividends			Change in Book/Adjusted Carrying Value				17 Date Acquired	18 NAIC Design- ation, NAIC Design- ation Modifier and SVO Admini- strative Symbol
		3 Code	4 Foreign			7 Rate Per Share Used to Obtain Fair Value	8 Fair Value		10 Declared but Unpaid	11 Amount Received During Year	12 Nonadmitted Declared But Unpaid	13 Unrealized Valuation Increase/ (Decrease)	14 Current Year's Other-Than- Temporary Impairment Recognized	15 Total Change in Book/Adjusted Carrying Value (13 - 14)	16 Total Foreign Exchange Change in Book/Adjusted Carrying Value		
573284-10-6	MARTIN MARIETTA MATERIALS			14,180.000	4,792,415	337,970	4,792,415	3,781,464		33,594		(1,294,252)		(1,294,252)		10/11/2022	
576360-10-4	MASTERCARD INC CLASS A			30,475.000	10,597,072	347,730	10,597,072	2,057,745		59,731		(353,205)		(353,205)		03/24/2020	
57667L-10-7	MATCH GROUP INC			110,111.000	4,568,505	41,490	4,568,505	5,845,278				(2,000,707)	2,396,987	(4,397,694)		12/15/2022	
580135-10-1	MCDONALDS CORPORATION			9,970.000	2,627,394	263,530	2,627,394	734,596		45,530		42,896		42,896		09/29/2022	
58933Y-10-5	MERCK & CO INC			20,192.000	2,240,302	110,950	2,240,302	17,003	14,740	58,430		692,788		692,788		11/04/2009	
594918-10-4	MICROSOFT CORP			166,361.000	39,896,695	239,820	39,896,695	4,405,005		420,440		(15,873,217)		(15,873,217)		09/30/2022	
617446-44-8	MORGAN STANLEY			91,849.000	7,809,002	85,020	7,809,002	3,644,235		260,756		(1,158,338)		(1,158,338)		08/26/2022	
65339F-10-1	NEXTERA ENERGY INC			29,638.000	2,477,737	83,600	2,477,737	2,072,322		46,772		(83,414)		(83,414)		05/02/2022	
654106-10-3	NIKE INC			101,321.000	11,855,570	117,010	11,855,570	10,816,454		99,964		(2,115,995)		(2,115,995)		10/11/2022	
65473P-10-5	NISOURCE INC			76,361.000	2,093,819	27,420	2,093,819	1,873,100		43,874		52,645		52,645		10/27/2022	
67066G-10-4	NVIDIA CORP			57,474.000	8,399,250	146,140	8,399,250	4,890,741		7,785		(5,730,000)		(5,730,000)		09/30/2022	
67103H-10-7	O'REILLY AUTOMOTIVE INC			2,194.000	1,851,802	844,030	1,851,802	457,805				302,333		302,333		09/13/2017	
68902V-10-7	OTTIS WORLDWIDE CORP			98,528.000	3,800,228	78,310	3,800,228	2,691,115		53,866		(425,105)		(425,105)		06/26/2020	
717081-10-3	PFIZER INC			60,464.000	3,098,175	51,240	3,098,175	2,683,302		24,186		414,874		414,874		09/30/2022	
718172-10-9	PHILIP MORRIS INTERNATIONAL INC			136,668.000	13,832,168	101,210	13,832,168	10,656,879	173,568	548,164		1,102,324		1,102,324		10/24/2022	
742718-10-9	PROCTER & GAMBLE CO			73,573.000	11,150,724	151,560	11,150,724	4,397,677		236,012		(504,247)		(504,247)		09/27/2022	
74340W-10-3	PROLOGIS INC			30,953.000	3,489,332	112,730	3,489,332	2,978,173		59,636		(457,066)		(457,066)		10/06/2022	
75513E-10-1	RAYTHEON TECHNOLOGIES CORP			71,200.000	7,185,504	100,920	7,185,504	6,203,968		144,962		994,330		994,330		06/16/2022	
75886F-10-7	REGENERON PHARMACEUTICALS			3,335.000	2,406,169	721,490	2,406,169	925,129		300,050		300,050		300,050		08/30/2019	
773903-10-9	ROCKWELL AUTOMATION INC			12,076.000	3,110,415	257,570	3,110,415	2,935,653		42,314		174,762		174,762		06/14/2022	
776696-10-6	ROPER TECHNOLOGIES INC			3,696.000	1,597,005	432,090	1,597,005	1,252,646		9,166		(220,910)		(220,910)		05/01/2020	
78409V-10-4	S&P GLOBAL INC			14,687.000	4,919,264	334,940	4,919,264	2,374,893		47,324		(1,871,924)		(1,871,924)		06/16/2022	
79466L-30-2	SALESFORCE.COM INC			83,320.000	11,047,399	132,590	11,047,399	15,038,141				(3,990,742)		(3,990,742)		11/02/2022	
808513-10-5	SCHWAB (CHARLES) CORP			65,370.000	5,442,706	83,260	5,442,706	4,729,124		31,116		701,615		701,615		09/27/2022	
816851-10-9	SEMPRA ENERGY			33,898.000	5,238,597	154,540	5,238,597	4,189,545	38,813	121,510		619,714		619,714		10/27/2022	
824348-10-6	SHERWIN WILLIAMS COMPANY			20,119.000	4,774,842	237,330	4,774,842	3,479,606		39,509		(1,614,473)		(1,614,473)		10/07/2022	
866674-10-4	SUN COMMUNITIES INC			17,191.000	2,458,313	143,000	2,458,313	1,723,319	15,128	59,653		(1,151,281)		(1,151,281)		07/13/2020	
88160R-10-1	TESLA INC			43,248.000	5,327,289	123,180	5,327,289	9,724,263				(8,438,399)		(8,438,399)		10/26/2022	
882508-10-4	TEXAS INSTRUMENTS INC			33,204.000	5,485,965	165,220	5,485,965	669,561		155,727		(771,993)		(771,993)		03/16/2020	
883556-10-2	THERMO FISHER SCIENTIFIC INC			18,958.000	10,439,981	550,690	10,439,981	1,739,544	5,687	20,452		(1,896,573)		(1,896,573)		09/23/2022	
872540-10-9	TJX COMPANIES INC			35,314.000	2,810,994	79,600	2,810,994	1,201,810		43,354		129,956		129,956		03/16/2015	
907818-10-8	UNION PACIFIC CORP			30,656.000	6,347,938	207,070	6,347,938	3,467,163		95,334		(682,177)		(682,177)		12/15/2022	
911312-10-6	UNITED PARCEL SERVICE INC			32,966.000	5,730,809	173,840	5,730,809	3,708,193		200,433		(1,335,123)		(1,335,123)		03/17/2021	
91324P-10-2	UNITEDHEALTH GROUP INC			28,441.000	15,078,849	530,180	15,078,849	8,186,514		8,186,514		797,486		797,486		06/16/2022	
918790-10-9	VAIL RESORTS INC			12,814.000	3,054,217	238,350	3,054,217	2,763,211	24,475	72,817		90,438	735,687	(645,249)		09/23/2022	
92826C-83-9	VISA INC CLASS A SHARES			58,217.000	12,095,164	207,760	12,095,164	2,291,865		93,986		(521,042)		(521,042)		03/24/2020	
94106L-10-9	WASTE MANAGEMENT INC			17,080.000	2,679,528	156,880	2,679,528	923,569		44,408		(171,147)		(171,147)		03/30/2020	
G1151C-10-1	ACCENTURE PLC		C	23,492.000	6,268,605	266,840	6,268,605	1,360,516		94,673		(3,470,003)		(3,470,003)		05/30/2012	
H01301-12-8	ALCON INC		C	61,013.000	4,182,441	68,550	4,182,441	3,615,382		6,227		(769,394)		(769,394)		09/27/2022	
66095L-10-9	APTIV PLC		C	28,054.000	2,612,669	93,130	2,612,669	2,441,431				171,238		171,238		12/15/2022	
G4705A-10-0	ICON PLC		C	24,064.000	4,674,432	194,250	4,674,432	4,216,630				(1,775,602)		(1,775,602)		10/11/2022	
780259-30-5	SHELL PLC		C	49,872.000	2,840,210	56,950	2,840,210	1,207,900		98,747		678,259		678,259		06/12/2019	
68473T-10-0	STERIS PLC		C	59,729.000	11,031,349	184,690	11,031,349	8,423,062		66,358		(1,348,717)		(1,348,717)		11/17/2022	
874039-10-0	TAIWAN SEMICONDUCTOR MFG CO LTD		C	56,335.000	4,196,394	74,490	4,196,394	4,312,885	25,424	6,989		(116,491)		(116,491)		09/30/2022	
5019999999	Subtotal - Common Stock - Industrial and Miscellaneous (Unaffiliated) Publicly Traded				631,375,332	XXX	631,375,332	373,216,194		516,507		(125,848,215)	3,132,674	(128,980,889)		XXX	XXX
31338#-10-4	FEDERAL HOME LOAN BANK OF BOSTON	RF		30,035.000	3,003,500	100,000	3,003,500	3,003,500		96,793						04/18/2022	

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 2 - SECTION 2**

Showing All COMMON STOCKS Owned December 31 of Current Year

1	2	Codes		5	6	Fair Value		9	Dividends			Change in Book/Adjusted Carrying Value				17	18	
		3	4			7	8		10	11	12	13	14	15	16			
CUSIP Identification	Description	Code	Foreign	Number of Shares	Book/Adjusted Carrying Value	Rate Per Share Used to Obtain Fair Value	Fair Value	Actual Cost	Declared but Unpaid	Amount Received During Year	Nonadmitted Declared But Unpaid	Unrealized Valuation Increase/ (Decrease)	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/Adjusted Carrying Value (13 - 14)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Date Acquired	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	
502999999. Subtotal - Common Stock - Industrial and Miscellaneous (Unaffiliated) Other					3,003,500	XXX	3,003,500	3,003,500		96,793							XXX	XXX
510999999. Total - Common Stock - Industrial and Miscellaneous (Unaffiliated)					634,378,832	XXX	634,378,832	376,219,694	516,507	7,917,312		(125,848,215)	3,132,674	(128,980,889)			XXX	XXX
46432F-83-4	ISHARES CORE MSCI TOTAL INTL ETF			2,770,110.000	160,333,967	57.880	160,333,967	150,236,085		2,286,738		1,466,836		1,466,836		10/28/2022		
969251-68-5	WILLIAM BLAIR INTL LEAD-R6			4,393,615.369	76,536,780	17.420	76,536,780	76,536,780		142,226			24,756,176	(24,756,176)		12/15/2022		
532999999. Subtotal - Common Stocks - Mutual Funds - Designations Not Assigned by the SVO					236,870,747	XXX	236,870,747	226,772,865		2,428,964		1,466,836	24,756,176	(23,289,340)			XXX	XXX
540999999. Total - Common Stocks - Mutual Funds					236,870,747	XXX	236,870,747	226,772,865		2,428,964		1,466,836	24,756,176	(23,289,340)			XXX	XXX
560999999. Total - Common Stocks - Unit Investment Trusts						XXX											XXX	XXX
580999999. Total - Common Stocks - Closed-End Funds						XXX											XXX	XXX
03149*-10-6	AMICA LIFE INSURANCE COMPANY			50,000.000	365,880,894	7,317.618	365,880,894	291,000,000				(18,152,325)		(18,152,325)		09/07/1994		
031538-10-7	AMICA PROPERTY & CASUALTY INS CO			10,000.000	79,341,304	7,934.130	79,341,304	51,620,193				(950,837)		(950,837)		06/16/2005		
592999999. Subtotal - Common Stock - Parent, Subsidiaries and Affiliates Other					445,222,198	XXX	445,222,198	342,620,193				(19,103,162)		(19,103,162)			XXX	XXX
597999999. Total - Common Stocks - Parent, Subsidiaries and Affiliates					445,222,198	XXX	445,222,198	342,620,193				(19,103,162)		(19,103,162)			XXX	XXX
598999999 - Total Common Stocks					1,316,471,777	XXX	1,316,471,777	945,612,752	516,507	10,346,276		(143,484,541)	27,888,850	(171,373,391)			XXX	XXX
599999999 - Total Preferred and Common Stocks					1,316,471,777	XXX	1,316,471,777	945,612,752	516,507	10,346,276		(143,484,541)	27,888,850	(171,373,391)			XXX	XXX

1. Line Book/Adjusted Carrying Value by NAIC Designation Category Footnote:

Number	1A	1A ..\$	1B ..\$	1C ..\$	1D ..\$	1E ..\$	1F ..\$	1G ..\$
1A	1A ..\$	1B ..\$	1C ..\$	1D ..\$	1E ..\$	1F ..\$	1G ..\$	
1B	2A ..\$	2B ..\$	2C ..\$					
1C	3A ..\$	3B ..\$	3C ..\$					
1D	4A ..\$	4B ..\$	4C ..\$					
1E	5A ..\$	5B ..\$	5C ..\$					
1F	6 ..\$							

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 3**

Showing All Long-Term Bonds and Stocks ACQUIRED During Current Year

1	2	3	4	5	6	7	8	9
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends
36178F-K4-7	GNMA HEQM POOL # AA7515		02/20/2022	ACCRETION		1,475	1,475	
3617HT-EH-5	GNMA HEQM POOL # BJ5536		12/20/2022	ACCRETION		19,458	19,458	
3617J9-BM-9	GNMA HEQM POOL # BK8144		12/20/2022	ACCRETION		37,729	37,729	
36179L-A5-1	GNMA HEQM POOL #AC9928		12/20/2022	ACCRETION		47,153	47,153	
3617HT-YK-6	GNMA HEQM POOL #BJ6114		12/20/2022	ACCRETION		31,658	31,658	
38375U-JK-9	GNMA HEQM REMICS SER 2014H12 CLHZ		03/20/2022	ACCRETION		23,125	23,125	
690353-66-7	INT DEVELOPMENT FIN CORP US GOVT A		09/13/2022	PIV PRESSPRICH		2,878,920	2,750,000	
831641-FU-4	U S SBA SER SB1C 2022-10B		09/14/2022	CREDIT SUISSE		28,800,000	28,800,000	
912828-K7-4	US TREASURY BONDS		03/17/2022	MORGAN STANLEY SMITH BARNEY LLC		19,899,219	20,000,000	34,254
912828-H5-6	US TREASURY BONDS		03/28/2022	BMO Capital Markets GKST, Inc.		19,771,875	20,000,000	166,575
912828-Y7-9	US TREASURY BONDS		08/26/2022	VARIOUS		28,118,707	27,700,000	78,811
<b>0109999999. Subtotal - Bonds - U.S. Governments</b>						<b>99,629,319</b>	<b>99,410,599</b>	<b>279,640</b>
882724-HF-7	TEXAS ST GO BDS SER 2018		10/26/2022	TRADEWEB DIRECT LLC		8,133	10,000	30
93974C-PL-8	WASHINGTON ST GO BDS SER 2010D		08/19/2022	WELLS FARGO SECURITIES		3,974,638	3,695,000	12,151
<b>0509999999. Subtotal - Bonds - U.S. States, Territories and Possessions</b>						<b>3,982,771</b>	<b>3,705,000</b>	<b>12,181</b>
196480-C7-0	COLORADO ST HSG REV 2022 SER D1		04/28/2022	RBC DAIN RAUSCHER, INC		1,145,000	1,145,000	
3130AQ-PR-8	FEDERAL HOME LOAN BANK NTS		01/19/2022	FTN FINANCIAL CAPITAL MKT		9,600,000	9,600,000	
3140MR-2K-2	FNMA POOL # BW0777		10/05/2022	BANK OF AMERICA SECURITIE		7,673,151	7,972,105	4,983
3140QP-2B-2	FNMA POOL # CB4369		10/28/2022	DAIWA CAPITAL MARKETS		10,130,588	11,425,811	14,441
3140QQ-DE-2	FNMA POOL # CB4600		10/06/2022	CITIGROUP GLOBAL MKTS INC		6,633,993	7,378,789	8,609
3140ML-MZ-0	FNMA POOL #BV6675		04/11/2022	NOMURA SECURITIES		1,523,906	1,500,000	2,000
3140QN-DE-9	FNMA POOL #CB2800		09/20/2022	TD Securities (USA) LLC		24,197,230	26,891,119	27,500
3136BA-UL-6	FNMA REMICS SER 2020-48 CL AB		04/12/2022	DAIWA CAPITAL MARKETS		2,940,883	3,169,562	2,993
3132DN-V2-6	FREDDIE MAC POOL #SD1533		09/23/2022	Amherst Pierpoint		13,066,658	13,611,102	20,417
3133AY-OF-0	FREDDIE MAC POOL QD2254		10/06/2022	TD Securities (USA) LLC		982,924	982,391	1,146
3133BE-VD-2	FREDDIE MAC POOL# QE5112		10/28/2022	DAIWA CAPITAL MARKETS		13,195,913	14,883,046	18,811
3133KN-D9-1	FREDDIE MAC POOL# RA6428		10/31/2022	MITSUBISHI UFJ SECURITIES INC		14,292,408	16,779,128	18,177
45129Y-V4-5	IDAHO ST HSG REV TAX SER A		12/16/2022	BARCLAYS INC		18,537,503	18,150,000	
54627R-AP-5	LOUISIANA LOC GOVT REV SER 2022 A		05/12/2022	J.P. MORGAN SECURITIES		8,000,000	8,000,000	
57419T-ZK-0	MARYLAND ST CMINTY DEV TAX REV 2022		11/22/2022	VARIOUS		7,781,400	7,800,000	3,425
60416T-SV-1	MINNESOTA ST HSG FIN AGY 2022 SERG		06/09/2022	RBC CAPITAL MARKETS		10,000,000	10,000,000	
678908-4E-1	OKLAHOMA DEV FIN AUTH REV TAX 22		08/19/2022	J.P. MORGAN SECURITIES		12,500,000	12,500,000	
678908-4B-7	OKLAHOMA FIN AUTH SER 2022 CL A3		07/08/2022	MUNI AXIS		2,000,000	2,000,000	
914455-LK-4	UNIV OF MICHIGAN REV SER B		04/06/2022	VARIOUS		19,879,640	20,000,000	23,749
914455-UH-1	UNIV OF MICHIGAN REV SER A		03/23/2022	VARIOUS		8,469,373	8,500,000	5,241
915137-5G-4	UNIV OF TEXAS TX REV SER 2010D		03/23/2022	MORGAN STANLEY SMITH BARNEY LLC		5,818,065	5,550,000	29,828
915217-XE-8	UNIV OF VIRGINIA REV SER 2019 C2		02/15/2022	CITIGROUP GLOBAL MKTS INC		950,000	1,000,000	13,713
92812W-EF-7	VIRGINIA ST HSG DEV AUTH REV 22 C		05/09/2022	JANNEY, MONTGOMERY, SCOTT		5,858,170	6,000,000	8,020
92812W-CW-2	VIRGINIA ST HSG REV TAX 2022 A		02/09/2022	JANNEY, MONTGOMERY, SCOTT		2,389,678	2,490,000	1,868
<b>0909999999. Subtotal - Bonds - U.S. Special Revenues</b>						<b>207,466,483</b>	<b>217,328,053</b>	<b>204,921</b>
05348E-AX-7	AVALONBAY COMMUNITIES NOTES		02/10/2022	WELLS FARGO SECURITIES		1,487,700	1,450,000	10,575
05348E-BF-5	AVALONBAY COMMUNITIES SR NTS		08/19/2022	MORGAN STANLEY SMITH BARNEY LLC		944,900	1,000,000	7,517
06051G-HQ-5	BANK OF AMERICA CORP SR NTS		02/07/2022	SUSQUEHANNA INTERNATIONAL GROUP, LLP.		1,557,450	1,470,000	325
06051G-KM-0	BANK OF AMERICA CORP SR NTS		03/17/2022	BANK OF AMERICA SECURITIE		14,000,000	14,000,000	
07359B-AA-5	BEACON CONTAINER FINANCE II LLC		12/14/2022	MITSUBISHI UFJ SECURITIES INC		2,159,512	2,506,667	3,913
106230-AC-9	BRAZOS SECURITIZATN LLC		12/08/2022	J.P. MORGAN SECURITIES		7,000,000	7,000,000	
172967-LS-8	CITIGROUP INC SR NTS		01/05/2022	MARKET AXESS		1,278,300	1,200,000	8,213
172967-MQ-1	CITIGROUP INC SR NTS		06/13/2022	MARKET AXESS		1,915,480	2,000,000	11,561
186856-AL-6	CLIFFWATER CORPORATE LENDING FUND		11/04/2022	VOYA INVESTMENTS		4,000,000	4,000,000	
20030N-BH-3	COMCAST CORPORATION NTS		04/18/2022	RAYMOND JAMES & ASSOC.		1,021,240	1,000,000	11,215
20633K-AA-6	CONCORD MUSIC ROYALTIES LLC TUNES		12/08/2022	J.P. MORGAN SECURITIES		6,591,017	6,750,000	
18977C-AB-0	COSERV SECURITIZATION 22		12/07/2022	GOLDMAN, SACHS & CO.		4,999,840	5,000,000	
24703W-AF-6	DELL EQUIPMENT TRUST SER 22-1 CL D		03/10/2022	MERRILL LYNCH		2,999,458	3,000,000	
24702C-AJ-3	DELL EQUIPMENT TRUST SER 22-2 CL D		07/12/2022	BARCLAYS INC		5,498,788	5,500,000	
291011-BB-9	EMERSON ELECTRIC CO SR NTS		02/03/2022	ROBERT W. BAIRD & CO. INC		1,971,204	1,444,000	27,516
30305K-AJ-3	FREMF MORTGAGE TRUST FREMF 2017 K6		09/26/2022	ROBERT W. BAIRD & CO. INC		516,063	575,000	1,662

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 3**

Showing All Long-Term Bonds and Stocks ACQUIRED During Current Year

1	2	3	4	5	6	7	8	9
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends
35708Q-AU-7	FREMIF MORTGAGE TRUST SER 17-K66		09/26/2022	GOLDMAN, SACHS & CO.		1,815,170	1,970,000	5,964
35563B-AJ-9	FREMIF MTG TRUST SER 2014-K37 CL B		02/23/2022	GOLDMAN, SACHS & CO.		1,165,913	1,125,000	3,420
30292R-AJ-3	FREMIF MTG TRUST SER 2015-K46 CL B		01/06/2022	CREDIT SUISSE		711,636	680,000	628
30305K-AG-9	FREMIF MTG TRUST SER 2017-K69 CL B		09/27/2022	PERFORMANCE TRUST CAPITAL PARTNERS		1,490,350	1,650,000	4,783
38141G-ZR-8	GOLDMAN SACHS GROUP INC BCLASS		03/11/2022	GOLDMAN, SACHS & CO.		1,500,000	1,500,000	
46618H-AA-7	HENDERSON MTG SER 2014-3A CL A		08/17/2022	J.P. MORGAN SECURITIES		1,001,267	1,100,672	428
46655B-AA-4	HENDERSON MTG SER 2021-A CL A		03/03/2022	J.G. WENTWORTH		4,984,332	4,984,332	
46655X-AA-6	HENDERSON MTG SER 2021-A2 CL A		12/16/2022	J.G. WENTWORTH		30,000,000	30,000,000	
46620D-AA-2	HENDERSON RECEIVABLES LLC		11/17/2022	MORGAN STANLEY SMITH BARNEY LLC		2,503,940	3,001,539	1,706
43351R-AA-3	HIPGNOSIS MUSIC ASSETS 2022-1 CL A		08/16/2022	VARIOUS		10,130,705	10,600,000	
40440Y-AE-9	HPEFS EQUIPMENT TRUST 2021-1A CL C		06/16/2022	GOLDMAN, SACHS & CO.		473,887	500,000	10
40440Y-AF-6	HPEFS EQUIPMENT TRUST 2021-1A CL D		08/16/2022	TD Securities (USA) LLC		282,152	300,000	240
40441J-AF-8	HPEFS EQUIPMENT TRUST 2021-2A CL D		05/26/2022	GOLDMAN, SACHS & CO.		7,731,193	8,325,000	3,281
40441R-AF-0	HPEFS EQUIPMENT TRUST 2022-1A CL D		03/02/2022	VARIOUS		4,425,087	4,450,000	3,800
40441T-AF-6	HPEFS EQUIPMENT TRUST 2022-2A CL D		05/17/2022	BANK OF AMERICA		9,997,884	10,000,000	
403951-AE-6	HPEFS EQUIPMENT TRUST 22-3A CL A		10/12/2022	CITIGROUP GLOBAL MKTS INC		8,699,532	8,700,000	
46590U-AA-0	J.G. WENTWORTH XLII SER 18-2A CL A		08/17/2022	J.P. MORGAN SECURITIES		715,013	760,147	334
24422E-WD-7	JOHN DEERE CAPITAL CORP SR NTS		03/02/2022	GOLDMAN, SACHS & CO.		1,799,154	1,800,000	
46592P-AR-2	JP MORGAN MTG TRUST SER 21 CL A5A		04/28/2022	INTL FCTONE FINANCIAL INC		2,901,629	3,344,817	232
46655D-AC-6	JP MORGAN MTG TRUST SER 22-2 CL A3		02/24/2022	VARIOUS		21,339,844	22,500,000	42,188
46647P-DC-7	JPMORGAN CHASE SR NTS		04/19/2022	J.P. MORGAN SECURITIES		2,755,000	2,755,000	
548661-EG-8	LOWE S COS INC SR NTS		03/22/2022	BANK OF AMERICA SECURITIE		1,878,609	1,880,000	
575718-AJ-0	MASS INSTITUTE OF TECH SR NTS		03/01/2022	J.P. MORGAN SECURITIES		10,000,000	10,000,000	
61744Y-AP-3	MORGAN STANLEY SR NTS		01/03/2022	CITIGROUP GLOBAL MKTS INC		2,170,740	2,000,000	33,738
65341*-AA-9	NEXTERA ENERGY PIPELINE HOLDINGS		11/18/2022	VOYA INVESTMENTS		3,000,000	3,000,000	
65341*-AA-7	NEXTERA ENERGY TRANSMISSION HLDGS		12/16/2022	VOYA INVESTMENTS		4,000,000	4,000,000	
666807-BW-1	NORTHROP GRUMMAN CORP		06/13/2022	EXCHANGED		4,394,749	3,900,000	
668444-AN-2	NORTHWESTERN UNIVERSITY BCLASS		05/31/2022	J.P. MORGAN SECURITIES		4,593,750	4,824,000	518
668444-AM-4	NORTHWESTERN UNIVERSITY SR NTS		08/04/2022	MARKET AXESS		71,159	75,000	515
713448-DV-7	PEPSICO INC SR NTS		02/03/2022	DAIWA CAPITAL MARKETS		2,145,863	1,860,000	19,633
828807-CY-1	SIMON PROPERTY GROUP LP SR NTS		02/10/2022	GOLDMAN, SACHS & CO.		983,697	950,000	6,347
871829-BC-0	SYSCO CORPORATION NOTES		02/10/2022	DAIWA CAPITAL MARKETS		1,524,844	1,480,000	3,934
Q8806#-AG-2	TABCORP HOLDINGS LIMITED		12/01/2022	VOYA INVESTMENTS		3,000,000	3,000,000	
88240T-AC-5	TEXAS ELECTRIC MKT STABL SR SECURE		06/08/2022	CITIGROUP GLOBAL MKTS INC		7,899,219	7,900,000	
88315L-AS-7	TEXTAINER MARINE ABS 2021-3A CL A		02/15/2022	GOLDMAN, SACHS & CO.		1,687,188	1,793,167	2,609
87303*-AA-9	THL CREDIT DL FUND IV REVOLVING NT		12/23/2022	THL CREDIT DIRECT LENDING FUND IV LLC		605,139	605,139	
872480-AE-8	TIF FUNDING I LLC SER 21-1A CL A		05/05/2022	GOLDMAN, SACHS & CO.		787,342	903,125	786
89680H-AA-0	TRITON CONTAINER FINANCE LLC		02/10/2022	WELLS FARGO SECURITIES		2,833,234	2,948,167	4,147
89680H-AE-2	TRITON CONTAINER FINANCE LLC		06/14/2022	VARIOUS		5,474,900	6,240,688	8,464
89837L-AH-8	TRUSTEES PRINCETON UNIVERSITY		05/17/2022	LOOP CAPITAL MARKETS		7,000,000	7,000,000	
25468P-CR-5	TWDC ENTERPRISES 18 CORP		07/20/2022	US BANCORP PIPER JAFFRAY		936,820	1,000,000	5,844
907818-EJ-3	UNION PACIFIC CORP SR NTS		06/08/2022	Amherst Pierpoint		278,559	300,000	3,341
910208-AC-1	UNITED ELEC SECURITIZATI UNITED EL		12/07/2022	JEFFERIES & COMPANY		4,700,000	4,700,000	
91159H-JF-8	US BANCORP		07/19/2022	US BANCORP PIPER JAFFRAY		3,800,000	3,800,000	
940663-AC-1	WASHINGTON UNIV SR NTS		06/02/2022	VARIOUS		36,797,320	37,000,000	11,551
95000U-2A-0	WELLS FARGO & COMPANY NTS		01/05/2022	CITICORP SECURITIES		2,595,483	2,430,000	10,886
749384-AA-1	WOODWARD CAPITAL MGT SER 21-5 CL A		02/24/2022	GOLDMAN, SACHS & CO.		12,745,932	13,487,759	25,290
74938W-AB-7	WOODWARD CAPITAL MGT SER 22-2 CL A		02/17/2022	MORGAN STANLEY SMITH BARNEY LLC		3,366,982	3,560,000	5,689
88315L-AG-3	TEXTAINER MARINE ABS 20-2A CL A	D.	02/15/2022	GOLDMAN, SACHS & CO.		925,446	960,879	1,513
88315L-AL-2	TEXTAINER MARINE ABS 2021-1A CL A	D.	06/17/2022	GOLDMAN, SACHS & CO.		1,540,721	1,786,667	167
1109999999	Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)					306,102,336	311,326,762	294,483
2509999997	Total - Bonds - Part 3					617,180,909	631,770,414	791,225
2509999998	Total - Bonds - Part 5					136,833,999	135,134,164	98,276
2509999999	Total - Bonds					754,014,908	766,904,578	889,501
4509999997	Total - Preferred Stocks - Part 3						XXX	
4509999998	Total - Preferred Stocks - Part 5						XXX	

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 3**

Showing All Long-Term Bonds and Stocks ACQUIRED During Current Year

1	2	3	4	5	6	7	8	9
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends
4509999999	Total - Preferred Stocks						XXX	
00287Y-10-9	ABBVIE INC		08/26/2022	VARIOUS	9,265.000	1,280,547		
015271-10-9	ALEXANDRIA REAL ESTATE EQUITIES		09/20/2022	VARIOUS	10,422.000	1,588,982		
02079K-30-5	ALPHABET INC CL A		09/29/2022	WILLIAM BLAIR & CO	4,645.000	448,873		
02079K-10-7	ALPHABET INC CL C		10/11/2022	VARIOUS	13,556.000	3,844,941		
02209S-10-3	ALTRIA GROUP INC		06/22/2022	EVERCORE ISI	17,198.000	718,686		
02313S-10-6	AMAZON.COM INC		10/11/2022	VARIOUS	13,206.000	1,492,278		
025816-10-9	AMERICAN EXPRESS CO		10/11/2022	VARIOUS	31,051.000	4,537,519		
03027X-10-0	AMERICAN TOWER CORP		10/06/2022	VARIOUS	4,466.000	937,575		
058498-10-6	BALL CORP		11/14/2022	VARIOUS	54,129.000	2,684,661		
084670-70-2	BERKSHIRE HATHAWAY INC - CL B		10/11/2022	VARIOUS	35,561.000	10,058,832		
05550J-10-1	BJ S WHOLESALE CLUB HOLDINGS		12/15/2022	VARIOUS	29,314.000	2,082,250		
09247X-10-1	BLACKROCK INC		09/29/2022	VARIOUS	4,301.000	2,510,934		
11133T-10-3	BROADRIDGE FINANCIAL Solutio		10/26/2022	VARIOUS	8,193.000	1,208,784		
132152-10-9	CAMBRIDGE BANCORP		10/11/2022	Sanford C. Bernstein & Co.	7,727.000	624,579		
159864-10-7	CHARLES RIVER LABORATORIES		10/11/2022	VARIOUS	22,006.000	4,728,946		
16119P-10-8	CHARTER COMMUNICATIONS INC		10/11/2022	VARIOUS	9,673.000	3,809,572		
125896-10-0	CMS ENERGY CORP		10/27/2022	VARIOUS	33,019.000	1,829,852		
191216-10-0	COCA-COLA CO		10/24/2022	VARIOUS	74,550.000	4,501,084		
20825C-10-4	CONOCOPHILLIPS		06/28/2022	VARIOUS	15,362.000	1,466,373		
22160K-10-5	COSTCO WHOLESALE CORP		09/27/2022	VARIOUS	1,662.000	764,778		
235851-10-2	DANAHER CORP		04/26/2022	Sanford C. Bernstein & Co.	2,991.000	754,320		
254687-10-6	DISNEY WALT CO		06/16/2022	VARIOUS	18,340.000	1,925,879		
256677-10-5	DOLLAR GENERAL CORP		09/07/2022	EVERCORE ISI	2,421.000	595,340		
25754A-20-1	DOMINO S PIZZA INC		09/22/2022	Sanford C. Bernstein & Co.	2,666.000	862,754		
532457-10-8	ELI LILLY & CO		09/07/2022	VARIOUS	8,715.000	2,281,076		
29444J-70-0	EQUINIX INC		10/06/2022	EVERCORE ISI	1,297.000	724,455		
30034W-10-6	EVERGY INC		10/27/2022	VARIOUS	51,230.000	3,124,072		
30040W-10-8	EVERSOURCE ENERGY		10/12/2022	Sanford C. Bernstein & Co.	30,837.000	2,218,500		
30303M-10-2	FACEBOOK INC		11/14/2022	Sanford C. Bernstein & Co.	5,500.000	667,061		
384109-10-4	GRACO INC		07/28/2022	VARIOUS	21,292.000	1,323,584		
81369Y-70-4	INDUSTRIAL SELECT SECTOR SPDR		10/07/2022	VARIOUS	247,495.000	24,791,076		
461202-10-3	INTUIT INC		11/07/2022	VARIOUS	11,883.000	4,685,027		
46187W-10-7	INVITATION HOMES INC		05/09/2022	VARIOUS	37,713.000	1,595,917		
478160-10-4	JOHNSON & JOHNSON		08/31/2022	VARIOUS	8,867.000	1,450,592		
482480-10-0	KLA-TENCOR CORPORATION		09/30/2022	VARIOUS	10,106.000	3,142,599		
573284-10-6	MARTIN MARIETTA MATERIALS		10/11/2022	VARIOUS	2,501.000	793,017		
57667L-10-7	MATCH GROUP INC		12/15/2022	VARIOUS	84,878.000	5,629,136		
58013S-10-1	MCDONALDS CORPORATION		09/29/2022	ALEX BROWN & SONS	2,633.000	617,669		
594918-10-4	MICROSOFT CORP		09/30/2022	VARIOUS	3,644.000	865,944		
617446-44-8	MORGAN STANLEY		08/26/2022	Sanford C. Bernstein & Co.	4,689.000	411,714		
65339F-10-1	NEXTERA ENERGY INC		05/02/2022	EVERCORE ISI	8,500.000	587,707		
654106-10-3	NIKE INC		10/11/2022	VARIOUS	63,703.000	7,588,803		
65473P-10-5	NISOURCE INC		10/27/2022	Sanford C. Bernstein & Co.	60,024.000	1,591,742		
67066G-10-4	NVIDIA CORP		09/30/2022	VARIOUS	22,000.000	3,695,993		
717081-10-3	PFIZER INC		09/30/2022	Sanford C. Bernstein & Co.	60,464.000	2,683,302		
718172-10-9	PHILLIP MORRIS INTERNATIONAL INC		10/24/2022	Sanford C. Bernstein & Co.	27,472.000	2,356,224		
742718-10-9	PROCTER & GAMBLE CO		09/27/2022	VARIOUS	12,696.000	1,696,623		
74340W-10-3	PROLOGIS INC		10/06/2022	VARIOUS	23,078.000	2,578,080		
75513E-10-1	RAYTHEON TECHNOLOGIES CORP		06/16/2022	VARIOUS	11,443.000	1,048,486		
773903-10-9	ROCKWELL AUTOMATION INC		06/14/2022	VARIOUS	14,710.000	3,707,644		
78409V-10-4	S&P GLOBAL INC		06/16/2022	WILLIAM BLAIR & CO	887.000	278,553		
79466L-30-2	SALESFORCE.COM INC		11/02/2022	VARIOUS	90,615.000	16,576,847		
808513-10-5	SCHWAB (CHARLES) CORP		09/27/2022	VARIOUS	60,119.000	4,299,482		
816851-10-9	SEMPRA ENERGY		10/27/2022	VARIOUS	9,330.000	1,377,216		
824348-10-6	SHERWIN WILLIAMS COMPANY		10/07/2022	Sanford C. Bernstein & Co.	5,338.000	1,122,103		

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 3**

Showing All Long-Term Bonds and Stocks ACQUIRED During Current Year

1 CUSIP Identification	2 Description	3 Foreign	4 Date Acquired	5 Name of Vendor	6 Number of Shares of Stock	7 Actual Cost	8 Par Value	9 Paid for Accrued Interest and Dividends
88160R-10-1	TESLA INC		10/26/2022	VARIOUS	7,547.000	2,797,368		
883556-10-2	THERMO FISHER SCIENTIFIC INC		09/23/2022	Sanford C. Bernstein & Co.	2,084.000	1,077,546		
907818-10-8	UNION PACIFIC CORP		12/15/2022	VARIOUS	16,488.000	3,460,770		
91879Q-10-9	VAIL RESORTS INC		09/23/2022	VARIOUS	4,775.000	1,063,477		
H01301-12-8	ALCON INC	C.	09/27/2022	VARIOUS	14,577.000	898,001		
G6095L-10-9	APTIV PLC	C.	12/15/2022	VARIOUS	28,081.000	2,443,912		
G4705A-10-0	ICON PLC	C.	10/11/2022	VARIOUS	12,071.000	2,594,533		
G8473T-10-0	STERIS PLC	C.	11/17/2022	VARIOUS	33,199.000	5,922,399		
874039-10-0	TAIWAN SEMICONDUCTOR MFG CO LTD	C.	09/30/2022	VARIOUS	56,335.000	4,312,885		
5019999999	Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Publicly Traded					185,339,474	XXX	
31338#-10-4	FEDERAL HOME LOAN BANK OF BOSTON		04/18/2022	Federal Home Loan Bank of Boston	3,652.000	365,200		
5029999999	Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Other					365,200	XXX	
46432F-83-4	ISHARES CORE MSCI TOTAL INTL ETF		10/28/2022	VARIOUS	2,721,141.000	152,877,043		
969251-68-5	WILLIAM BLAIR INTL LEAD-R6		12/15/2022	VARIOUS	4,502,547.831	103,857,226		
5329999999	Subtotal - Common Stocks - Mutual Funds - Designations Not Assigned by the SVO					256,734,269	XXX	
03149*-10-6	AMICA LIFE INSURANCE COMPANY		12/27/2022	CAPITAL INFUSION	0.000	27,000,000		
5929999999	Subtotal - Common Stocks - Parent, Subsidiaries and Affiliates Other					27,000,000	XXX	
5989999997	Total - Common Stocks - Part 3					469,438,943	XXX	
5989999998	Total - Common Stocks - Part 5					115,725,259	XXX	
5989999999	Total - Common Stocks					585,164,202	XXX	
5999999999	Total - Preferred and Common Stocks					585,164,202	XXX	
6009999999	Totals					1,339,179,110	XXX	889,501



ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 4**

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

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										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 Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	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
36202D-JQ-5	GNMA POOL # 002971		12/20/2022	PRINCIPAL RECEIPT		7,814	7,814	7,777	7,773		41		41		7,814				241	09/20/2030
36178F-K4-7	GNMA HECM POOL # AA7515		03/20/2022	VARIOUS		643,015	643,015	693,477	1,257,600	(614,585)		(614,585)		643,015					4,901	06/20/2063
3617HT-EH-5	GNMA HECM POOL # BJ5536		08/20/2022	VARIOUS		288,144	288,144	324,852	326,798	(38,654)		(38,654)		288,144					6,791	03/20/2069
3617J9-BM-9	GNMA HECM POOL # BK8144		09/20/2022	VARIOUS		420,397	420,397	459,858	498,925	(78,529)		(78,529)		420,397					8,398	01/20/2069
36179L-A5-1	GNMA HECM POOL #AC9928		02/22/2022	VARIOUS		499,553	499,553	535,470	571,549	(71,996)		(71,996)		499,553					3,865	02/20/2064
38375U-JX-9	GNMA HECM REMICS SER 2014H12 CLHZ		12/20/2022	VARIOUS		2,108,276	2,108,276	2,260,334	2,184,952	(76,676)		(76,676)		2,108,276					49,504	06/20/2064
36202E-CA-5	GNMA II POOL # 003665		12/20/2022	PRINCIPAL RECEIPT		61,408	61,408	60,515	60,671		737		737		61,408				1,564	01/20/2035
36202D-2E-0	GNMA II POOL # 3473		12/20/2022	PRINCIPAL RECEIPT		32,777	32,777	33,033	33,017		(240)		(240)		32,777				860	11/20/2033
36202E-DP-1	GNMA II POOL # 3710		12/20/2022	PRINCIPAL RECEIPT		36,178	36,178	34,039	34,513		1,665		1,665		36,178				888	05/20/2035
36202E-GG-6	GNMA II POOL # 3807		12/20/2022	PRINCIPAL RECEIPT		12,956	12,956	12,610	12,655		301		301		12,956				361	01/20/2036
36202E-HE-2	GNMA II POOL # 3829		12/20/2022	PRINCIPAL RECEIPT		30,188	30,188	29,339	29,602		586		586		30,188				689	03/20/2036
36202E-SG-0	GNMA II POOL # 4447		12/20/2022	PRINCIPAL RECEIPT		124,501	124,501	124,189	124,188		313		313		124,501				2,852	05/20/2039
36202F-AV-8	GNMA II POOL # 4520		12/20/2022	PRINCIPAL RECEIPT		134,512	134,512	134,343	134,310		202		202		134,512				2,923	08/20/2039
36202F-EI-2	GNMA II POOL # 4649		12/20/2022	PRINCIPAL RECEIPT		2,793	2,793	2,936	3,055		(262)		(262)		2,793				69	03/20/2040
36202F-VN-3	GNMA II POOL # 5121		12/20/2022	PRINCIPAL RECEIPT		12,887	12,887	13,356	14,368		(1,481)		(1,481)		12,887				294	07/20/2041
3617K9-FR-2	GNMA II POOL # BNS576		12/20/2022	PRINCIPAL RECEIPT		149,429	149,429	161,149	167,146		(17,717)		(17,717)		149,429				6,465	06/20/2049
3617K9-F7-6	GNMA II POOL # BNS590		12/20/2022	PRINCIPAL RECEIPT		5,611	5,611	6,039	6,499		(888)		(888)		5,611				139	07/20/2049
3617KR-FH-4	GNMA II POOL # B09168		12/20/2022	PRINCIPAL RECEIPT		65,098	65,098	70,469	89,545		(24,447)		(24,447)		65,098				282	07/20/2049
36179M-VL-1	GNMA II POOL # MA0619		12/20/2022	PRINCIPAL RECEIPT		127,610	127,610	134,269	135,662		(8,053)		(8,053)		127,610				1,128	12/20/2042
36179M-XII-5	GNMA II POOL # MA0693		12/20/2022	PRINCIPAL RECEIPT		38,115	38,115	40,128	40,824		(2,709)		(2,709)		38,115				392	01/20/2043
36202F-FL-5	GNMA II POOL #4671		12/20/2022	PRINCIPAL RECEIPT		12,673	12,673	13,232	13,567		(894)		(894)		12,673				311	04/20/2040
36202F-F8-4	GNMA II POOL #4691		12/20/2022	PRINCIPAL RECEIPT		59	59	61	66		(7)		(7)		59				1	05/20/2040
36202F-LH-7	GNMA II POOL #4828		12/20/2022	PRINCIPAL RECEIPT		52,695	52,695	55,321	55,344		(2,649)		(2,649)		52,695				1,644	10/20/2040
36179M-KZ-2	GNMA II POOL MA0312		12/20/2022	PRINCIPAL RECEIPT		243,454	243,454	254,406	256,520		(13,067)		(13,067)		243,454				4,550	08/20/2042
36179M-NC-0	GNMA II POOL MA0387		12/20/2022	PRINCIPAL RECEIPT		171,204	171,204	180,773	182,726		(11,522)		(11,522)		171,204				2,563	09/20/2042
36207L-HD-4	GNMA POOL # 435039		12/15/2022	PRINCIPAL RECEIPT		15,907	15,907	16,252	15,988		(81)		(81)		15,907				671	02/15/2031
36202C-N8-2	GNMA POOL # 002215		12/20/2022	PRINCIPAL RECEIPT		2,574	2,574	2,430	2,512		62		62		2,574				80	05/20/2026
36202C-PT-4	GNMA POOL # 002234		12/20/2022	PRINCIPAL RECEIPT		269	269	269	269		1		1		269				11	06/20/2026
36202C-QA-4	GNMA POOL # 002249		12/20/2022	PRINCIPAL RECEIPT		1,212	1,212	1,211	1,209		3		3		1,212				52	07/20/2026
36202C-QQ-9	GNMA POOL # 002263		12/20/2022	PRINCIPAL RECEIPT		1,046	1,046	987	1,038		9		9		1,046				28	08/20/2026
36202C-QX-4	GNMA POOL # 002270		12/20/2022	PRINCIPAL RECEIPT		971	971	974	974						971				46	08/20/2026
36202C-YG-2	GNMA POOL # 002511		12/20/2022	PRINCIPAL RECEIPT		1,055	1,055	1,067	1,062		(8)		(8)		1,055				42	11/20/2027
36202C-2Y-8	GNMA POOL # 002591		12/20/2022	PRINCIPAL RECEIPT		1,383	1,383	1,399	1,390		(8)		(8)		1,383				52	05/20/2028
36202C-6Y-4	GNMA POOL # 002687		12/20/2022	PRINCIPAL RECEIPT		18,542	18,542	17,970	18,140		402		402		18,542				594	12/20/2028
36202D-CR-0	GNMA POOL # 002780		12/20/2022	PRINCIPAL RECEIPT		7,807	7,807	7,298	7,486		321		321		7,807				254	07/20/2029
36202D-C9-0	GNMA POOL # 002796		12/20/2022	PRINCIPAL RECEIPT		3,755	3,755	3,658	3,650		105		105		3,755				132	08/20/2029
36202D-DN-8	GNMA POOL # 002809		12/20/2022	PRINCIPAL RECEIPT		5,256	5,256	5,135	5,107		107		107		5,256				181	09/20/2029
36202D-D5-7	GNMA POOL # 002824		12/20/2022	PRINCIPAL RECEIPT		4,165	4,165	4,060	4,052		113		113		4,165				151	10/20/2029
36202D-FX-4	GNMA POOL # 002882		12/20/2022	PRINCIPAL RECEIPT		4,147	4,147	4,011	4,001		146		146		4,147				115	02/20/2030
36202D-JR-3	GNMA POOL # 002972		12/20/2022	PRINCIPAL RECEIPT		1,244	1,244	1,236	1,234		10		10		1,244				46	09/20/2030
36202D-YZ-8	GNMA POOL # 003428		12/20/2022	PRINCIPAL RECEIPT		28,899	28,899	28,854	28,844		56		56		28,899				700	08/20/2033
36202E-GE-3	GNMA POOL # 003797		12/20/2022	PRINCIPAL RECEIPT		60,752	60,752	61,492	61,716		(965)		(965)		60,752				1,728	12/20/2035
362198-TM-5	GNMA POOL # 270656		12/15/2022	PRINCIPAL RECEIPT		580	580	575	575		2		2		580				12	09/15/2023
36203B-J5-4	GNMA POOL # 344184		10/17/2022	PRINCIPAL RECEIPT		661	661	661	659		2		2		661				16	12/15/2022
36203D-HP-2	GNMA POOL # 346066		12/15/2022	PRINCIPAL RECEIPT		100	100	99	99						100				4	01/15/2024
36203N-5H-7	GNMA POOL # 354648		12/15/2022	PRINCIPAL RECEIPT		200	200	199	199		1		1		200				8	09/15/2023
36202D-SQ-0	GNMA POOL # 3555		12/20/2022	PRINCIPAL RECEIPT		109,738	109,738	105,863	107,103		2,634		2,634		109,738				2,762	05/20/2034
36203R-P9-4	GNMA POOL # 356948		12/15/2022	PRINCIPAL RECEIPT		291	291	290	290		1		1		291				11	06/15/2023
36203X-JG-2	GNMA POOL # 362163		12/15/2022	PRINCIPAL RECEIPT		66	66	65	65						66				3	12/15/2023
36204A-FU-4	GNMA POOL # 363879		12/15/2022	PRINCIPAL RECEIPT		240	240	239	240		1		1		240				8	12/15/2023

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 4**

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

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21	
										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 Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	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	
36204B-LA-9	GNMA POOL # 364921		12/15/2022	PRINCIPAL RECEIPT		34	34	34	34						34					1	02/15/2024
36204B-M5-9	GNMA POOL # 364980		12/15/2022	PRINCIPAL RECEIPT		83	83	81	83						83					3	04/15/2024
36204F-3J-1	GNMA POOL # 369001		12/15/2022	PRINCIPAL RECEIPT		360	360	359	359		1		1		360					14	05/15/2024
36204H-EK-2	GNMA POOL # 370138		12/15/2022	PRINCIPAL RECEIPT		91	91	90	91						91					3	12/15/2023
36204K-KB-8	GNMA POOL # 372090		11/15/2022	PRINCIPAL RECEIPT		133	133	132	132						133					5	05/15/2024
36205B-PF-3	GNMA POOL # 385722		12/15/2022	PRINCIPAL RECEIPT		70	70	68	70						70					2	06/15/2024
36205D-AF-5	GNMA POOL # 387106		12/15/2022	PRINCIPAL RECEIPT		1,275	1,275	1,272	1,272		3		3		1,275					45	08/15/2025
36205U-MZ-0	GNMA POOL # 400976		05/15/2022	PRINCIPAL RECEIPT		509	509	505	507		1		1		509					7	05/15/2024
36205Y-QW-5	GNMA POOL # 404669		12/15/2022	PRINCIPAL RECEIPT		986	986	983	984		3		3		986					38	12/15/2025
36206D-DE-4	GNMA POOL # 407901		12/15/2022	PRINCIPAL RECEIPT		755	755	749	752		2		2		755					29	11/15/2025
36206F-XH-0	GNMA POOL # 410280		12/15/2022	PRINCIPAL RECEIPT		216	216	215	216		1		1		216					9	09/15/2025
36206H-MB-1	GNMA POOL # 411754		12/15/2022	PRINCIPAL RECEIPT		9,558	9,558	9,818	9,663		(105)		(105)		9,558					49	04/15/2027
36206J-AC-5	GNMA POOL # 413119		12/15/2022	PRINCIPAL RECEIPT		518	518	514	516		2		2		518					20	09/15/2025
36206X-PT-4	GNMA POOL # 424434		12/15/2022	PRINCIPAL RECEIPT		3,103	3,103	3,198	3,105		(1)		(1)		3,103					136	08/15/2027
36206X-PZ-0	GNMA POOL # 424440		04/18/2022	PRINCIPAL RECEIPT		3,397	3,397	3,458	3,414		(17)		(17)		3,397					80	08/15/2027
36209F-PY-9	GNMA POOL # 470339		12/15/2022	PRINCIPAL RECEIPT		3,162	3,162	3,166	3,154		8		8		3,162					134	03/15/2029
36209S-ZO-7	GNMA POOL # 480551		12/15/2022	PRINCIPAL RECEIPT		6,998	6,998	6,700	6,831		167		167		6,998					257	04/15/2029
36209W-4X-7	GNMA POOL # 484238		12/15/2022	PRINCIPAL RECEIPT		3,300	3,300	3,380	3,335		(35)		(35)		3,300					170	09/15/2028
36210V-E4-9	GNMA POOL # 503355		12/15/2022	PRINCIPAL RECEIPT		7,829	7,829	8,098	8,162		(333)		(333)		7,829					257	02/15/2029
36201C-JJ-9	GNMA POOL # 579075		12/15/2022	PRINCIPAL RECEIPT		45,920	45,920	46,845	47,033		(1,114)		(1,114)		45,920					1,691	12/15/2031
36201H-W8-2	GNMA POOL # 583971		12/15/2022	PRINCIPAL RECEIPT		16,369	16,369	17,023	16,789		(420)		(420)		16,369					455	07/15/2032
36201M-S9-4	GNMA POOL # 587444		12/15/2022	PRINCIPAL RECEIPT		6,179	6,179	6,459	6,570		(391)		(391)		6,179					206	12/15/2032
36200E-B2-6	GNMA POOL # 598657		12/15/2022	PRINCIPAL RECEIPT		1,594	1,594	1,617	1,628		(34)		(34)		1,594					47	05/15/2035
36200G-KU-9	GNMA POOL # 600707		12/15/2022	PRINCIPAL RECEIPT		6,409	6,409	6,615	6,587		(178)		(178)		6,409					162	12/15/2033
36200J-6S-4	GNMA POOL # 603081		12/15/2022	PRINCIPAL RECEIPT		10,897	10,897	11,246	11,134		(237)		(237)		10,897					301	08/15/2033
36200K-J4-0	GNMA POOL # 603383		12/15/2022	PRINCIPAL RECEIPT		16,870	16,870	17,634	17,875		(1,006)		(1,006)		16,870					463	01/15/2033
36200K-J7-3	GNMA POOL # 603386		12/15/2022	PRINCIPAL RECEIPT		161,476	161,476	168,997	167,518		(6,042)		(6,042)		161,476					3,255	01/15/2033
36200K-KQ-9	GNMA POOL # 603403		12/15/2022	PRINCIPAL RECEIPT		41,208	41,208	43,046	43,046		(1,837)		(1,837)		41,208					1,735	10/15/2034
36200M-TF-0	GNMA POOL # 604550		12/15/2022	PRINCIPAL RECEIPT		17,465	17,465	17,336	17,352		112		112		17,465					426	08/15/2033
36200M-VW-0	GNMA POOL # 604629		12/15/2022	PRINCIPAL RECEIPT		67,892	67,892	69,674	69,268		(1,375)		(1,375)		67,892					2,313	09/15/2033
36200N-BP-5	GNMA POOL # 604946		12/15/2022	PRINCIPAL RECEIPT		73,657	73,657	71,482	71,482		1,648		1,648		73,657					1,986	01/15/2034
36202T-DW-3	GNMA POOL # 608617		12/15/2022	PRINCIPAL RECEIPT		32,015	32,015	32,460	32,067		(52)		(52)		32,015					874	06/15/2024
36202T-G4-2	GNMA POOL # 608719		12/15/2022	PRINCIPAL RECEIPT		10,898	10,898	11,031	10,915		(16)		(16)		10,898					288	11/15/2024
36209R-XW-8	GNMA POOL # 615493		12/15/2022	PRINCIPAL RECEIPT		7,459	7,459	7,449	7,449		(10)		(10)		7,459					196	08/15/2033
36209R-Y3-1	GNMA POOL # 615530		12/15/2022	PRINCIPAL RECEIPT		73,207	73,207	73,687	73,476		(269)		(269)		73,207					1,765	09/15/2033
36290S-CZ-2	GNMA POOL # 615788		12/15/2022	PRINCIPAL RECEIPT		34,024	34,024	34,859	34,102		(77)		(77)		34,024					1,027	09/15/2023
36290S-YC-9	GNMA POOL # 616407		12/15/2022	PRINCIPAL RECEIPT		29,242	29,242	29,685	29,316		(74)		(74)		29,242					879	05/15/2024
36290T-FW-4	GNMA POOL # 616781		12/15/2022	PRINCIPAL RECEIPT		34,510	34,510	34,995	34,583		(74)		(74)		34,510					875	12/15/2024
36290T-GN-3	GNMA POOL # 616805		12/20/2022	PRINCIPAL RECEIPT		81,377	81,377	83,742	82,023		(646)		(646)		81,377					2,266	01/20/2025
36290T-KJ-6	GNMA POOL # 616866		12/15/2022	PRINCIPAL RECEIPT		112,796	112,796	115,405	114,196		(1,400)		(1,400)		112,796					1,547	02/15/2027
36290X-MY-3	GNMA POOL # 620575		12/15/2022	PRINCIPAL RECEIPT		17,634	17,634	17,595	17,635		(1)		(1)		17,634					437	09/15/2033
36291G-YY-6	GNMA POOL # 628127		12/15/2022	PRINCIPAL RECEIPT		18,038	18,038	18,537	18,646		(608)		(608)		18,038					604	05/15/2034
36291L-3U-7	GNMA POOL # 631811		12/15/2022	PRINCIPAL RECEIPT		24,652	24,652	25,026	24,691		(39)		(39)		24,652					742	05/15/2024
36291L-4W-2	GNMA POOL # 631837		12/20/2022	PRINCIPAL RECEIPT		21,369	21,369	21,900	21,609		(239)		(239)		21,369					694	06/20/2029
36291P-5P-7	GNMA POOL # 634554		12/20/2022	PRINCIPAL RECEIPT		15,959	15,959	16,610	16,139		(180)		(180)		15,959					640	09/20/2024
36291U-E7-6	GNMA POOL # 638358		12/15/2022	PRINCIPAL RECEIPT		46,618	46,618	47,150	47,113		(495)		(495)		46,618					1,431	02/15/2035
36291Y-EQ-8	GNMA POOL # 641935		12/15/2022	PRINCIPAL RECEIPT		6,433	6,433	6,538	6,484		(51)		(51)		6,433					186	04/15/2035
36297B-JS-1	GNMA POOL # 706873		12/15/2022	PRINCIPAL RECEIPT		50,623	50,623	52,616	51,687		(1,064)		(1,064)		50,623					1,104	11/15/2030
3620AM-M7-4	GNMA POOL # 733982		12/15/2022	PRINCIPAL RECEIPT		278,674	278,674	296,657	288,651		(9,977)		(9,977)		278,674					4,524	10/15/2040
3620AQ-K6-9	GNMA POOL # 736617		12/15/2022	PRINCIPAL RECEIPT		79,832	79,832	85,095	82,722		(2,890)		(2,890)		79,832					1,724	12/15/2035

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 4**

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

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										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 Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	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
3620AS-PH-6	GNMA POOL # 738524		12/15/2022	PRINCIPAL RECEIPT		143,930	143,930	147,798	147,540		(3,610)		(3,610)		143,930				2,235	07/15/2041
3620AS-PX-1	GNMA POOL # 738538		12/15/2022	PRINCIPAL RECEIPT		200,107	200,107	206,392	205,442		(5,335)		(5,335)		200,107				3,579	07/15/2041
36177P-B2-0	GNMA POOL # 794556		12/15/2022	PRINCIPAL RECEIPT		108,257	108,257	110,524	111,256		(2,998)		(2,998)		108,257				2,142	01/15/2042
36179V-L6-5	GNMA POOL # MA6649		12/20/2022	PRINCIPAL RECEIPT		36,555	36,555	37,766	38,597		(2,042)		(2,042)		36,555				437	05/20/2050
36179V-L7-3	GNMA POOL # MA6650		12/20/2022	PRINCIPAL RECEIPT		70,958	70,958	73,353	76,407		(5,449)		(5,449)		70,958				2,059	05/20/2050
36241L-KA-3	GNMA POOL #782989		12/15/2022	PRINCIPAL RECEIPT		271,052	271,052	281,316	279,168		(8,116)		(8,116)		271,052				5,046	06/15/2040
36230L-K8-1	GNMA POOL 752119		12/15/2022	PRINCIPAL RECEIPT		93,517	93,517	97,973	96,139		(2,622)		(2,622)		93,517				1,519	01/15/2033
36176M-GZ-0	GNMA POOL 770016		12/15/2022	PRINCIPAL RECEIPT		108,440	108,440	113,252	111,477		(3,037)		(3,037)		108,440				2,402	12/15/2033
38374M-DF-3	GNMA REMICS SER 2005-81 CL OB		12/20/2022	PRINCIPAL RECEIPT		664,381	664,381	647,979	657,779		6,602		6,602		664,381				17,726	10/20/2035
38378T-60-8	GNMA REMICS SER 2013-100 CL MA		12/20/2022	PRINCIPAL RECEIPT		140,714	140,714	146,584	143,168		(2,454)		(2,454)		140,714				2,041	02/20/2043
38378B-6L-8	GNMA REMICS SER 2013-12 CL B		12/16/2022	PRINCIPAL RECEIPT		2,122,273	2,122,273	2,146,812	2,138,453		(16,179)		(16,179)		2,122,273				43,172	11/16/2052
38378K-4A-4	GNMA REMICS SER 2013-141 CL AB		06/16/2022	PRINCIPAL RECEIPT		2,630,975	2,630,975	2,644,130	2,640,074		(9,098)		(9,098)		2,630,975				21,873	04/16/2043
38378N-FL-2	GNMA REMICS SER 2013-158 AB		12/16/2022	PRINCIPAL RECEIPT		631,137	631,137	668,069	660,897		(7,741)		(7,741)		653,156		(22,019)	(22,019)	15,878	08/16/2053
38378M-UG-8	GNMA REMICS SER 2013-53 CL KA		12/20/2022	PRINCIPAL RECEIPT		1,075,825	1,075,825	1,110,117	1,088,987		(13,162)		(13,162)		1,075,825				15,009	10/20/2041
38378M-ND-3	GNMA REMICS SER 2013-60 CL GL		12/20/2022	PRINCIPAL RECEIPT		421,933	421,933	427,982	423,871		(1,938)		(1,938)		421,933				5,402	11/20/2041
38378K-RB-7	GNMA REMICS SER 2013-68 CL B		12/16/2022	PRINCIPAL RECEIPT		1,832,163	1,832,163	1,834,954	1,833,468		(1,305)		(1,305)		1,832,163				19,212	08/16/2043
38378T-AL-4	GNMA REMICS SER 2013-71 CL LA		12/20/2022	PRINCIPAL RECEIPT		124,538	124,538	125,667	124,987		(449)		(449)		124,538				1,717	10/20/2042
38378X-FG-1	GNMA REMICS SER 2014-112 CL AB		02/16/2022	PRINCIPAL RECEIPT		114,506	114,506	116,658	114,636		(130)		(130)		114,506				254	12/16/2040
38378X-NN-7	GNMA REMICS SER 2014-135 CL AK		12/16/2022	PRINCIPAL RECEIPT		226,465	226,465	234,851	243,281		(16,816)		(16,816)		226,465				1,499	08/16/2055
38378X-AA-3	GNMA REMICS SER 2014-172 CL AD		12/16/2022	PRINCIPAL RECEIPT		232,264	232,264	231,212	230,693		1,572		1,572		232,264				3,115	01/16/2046
38378N-J2-0	GNMA REMICS SER 2014-40 CL CA		01/16/2022	PRINCIPAL RECEIPT		353,562	353,562	353,079	353,503		58		58		353,562				707	11/16/2041
38379K-B9-8	GNMA REMICS SER 2015-115 AC		12/16/2022	PRINCIPAL RECEIPT		1,081,828	1,081,828	1,098,225	1,101,731		(19,903)		(19,903)		1,081,828				7,834	07/16/2051
38379K-K8-0	GNMA REMICS SER 2015-128 CL AJ		12/16/2022	PRINCIPAL RECEIPT		87,026	87,026	88,586	89,450		(2,424)		(2,424)		87,026				813	11/16/2055
38379K-6D-5	GNMA REMICS SER 2015-163 CL AH		12/16/2022	PRINCIPAL RECEIPT		699,521	699,521	693,408	692,382		7,139		7,139		699,521				14,355	04/16/2056
38379K-3N-6	GNMA REMICS SER 2015-169 CL C		12/16/2022	PRINCIPAL RECEIPT		275,756	275,756	276,575	276,974		(1,218)		(1,218)		275,756				1,791	04/16/2056
38379K-6M-5	GNMA REMICS SER 2015-171 CL EA		12/16/2022	PRINCIPAL RECEIPT		2,744,520	2,744,520	2,735,300	2,732,781		11,739		11,739		2,744,520				45,179	12/16/2052
38379K-GP-7	GNMA REMICS SER 2015-58 CL VA		12/16/2022	PRINCIPAL RECEIPT		400,532	400,532	384,917	389,551		10,981		10,981		400,532				5,885	10/16/2038
38379K-TT-5	GNMA REMICS SER 2015-93 CLASS AB		12/16/2022	PRINCIPAL RECEIPT		280,068	280,068	278,767	278,195		1,874		1,874		280,068				3,888	01/16/2047
38379Y-6L-7	GNMA REMICS SER 2016-125 CL DA		12/16/2022	PRINCIPAL RECEIPT		450,806	450,806	451,317	451,500		(694)		(694)		450,806				5,986	12/16/2047
38379U-TB-2	GNMA REMICS SER 2016-72 CL AB		12/16/2022	PRINCIPAL RECEIPT		655,569	655,569	661,254	663,234		(7,665)		(7,665)		655,569				3,462	04/16/2049
38382N-GG-8	GNMA REMICS SER 2021-27 CL DC		12/20/2022	PRINCIPAL RECEIPT		3,758,748	3,758,748	3,779,304	3,781,428		(22,679)		(22,679)		3,758,748				13,961	02/20/2051
38382J-5W-2	GNMA REMICS SER 2021-56 CL PE		12/20/2022	PRINCIPAL RECEIPT		3,204,790	3,204,790	3,217,308	3,216,637		(11,847)		(11,847)		3,204,790				17,568	03/20/2051
690353-J8-1	OVERSEAS PRIVATE INV CORP		06/27/2022	VARIOUS		1,124,369	1,124,370	1,124,370	1,124,370						1,124,370				32,728	07/31/2033
797224-AB-8	SAN CLEMENTE LEASING LLC SEC NTS		06/07/2022	VARIOUS		160,592	160,592	160,592	160,592						160,592				1,618	06/07/2022
89156H-AA-5	TOTE SHIPHOLDINGS INC		10/17/2022	CALLED		150,000	150,000	165,750	165,058		(338)		(338)		164,721		(14,721)	(14,721)	3,825	10/16/2040
831641-FA-8	U S SBA DEB PART CER SER SBI C 2014		05/12/2022	VARIOUS		1,326,465	1,324,348	1,357,457	1,332,834		(1,251)		(1,251)		1,331,584		(5,118)	(5,118)	28,719	03/10/2024
83162C-VU-4	U S SBA PART CERT SER 2013-201		05/20/2022	VARIOUS		5,869,573	5,834,376	6,057,040	5,984,469		(3,701)		(3,701)		5,980,768		(111,195)	(111,195)	152,279	09/01/2033
83162C-WX-7	U S SBA PART CERT SER 2015-20C		07/18/2022	VARIOUS		1,595,443	1,638,252	1,638,252	1,638,252						1,638,252		(42,809)	(42,809)	39,124	03/01/2035
83162C-YY-8	U S SBA PART CERT SER 2017-20F		12/01/2022	PRINCIPAL RECEIPT		1,077,257	1,077,257	1,077,257	1,077,257						1,077,257				31,570	06/01/2037
83162C-XE-8	U S SBA PART CERT SERIES 2015-20H		05/19/2022	VARIOUS		3,172,684	3,225,043	3,225,043	3,225,043						3,225,043		(52,360)	(52,360)	74,014	08/01/2035
83162C-WB-5	U S SBA PART CERTIF SER 2014-20B		07/18/2022	VARIOUS		2,408,583	2,436,192	2,436,192	2,436,192						2,436,192		(27,609)	(27,609)	73,741	02/01/2034
83162C-WY-5	U S SBA PART CERTIF SER 2015-20D		10/03/2022	PRINCIPAL RECEIPT		2,654,030	2,654,030	2,615,539	2,626,012		904		904		2,626,916		27,114	27,114	66,428	04/01/2035
83162C-VV-2	U S SBA PARTIC CERT SER 2013-20J		10/03/2022	PRINCIPAL RECEIPT		3,265,558	3,265,558	3,265,558	3,265,558						3,265,558				98,521	10/01/2033
83162C-WD-1	U S SBA PARTIC CERTIF SER 2014-20C		07/25/2022	VARIOUS		2,642,182	2,660,330	2,671,167	2,667,726		(224)		(224)		2,667,502		(25,319)	(25,319)	75,133	03/01/2034
83162C-NN-9	U S SBA SBI C SER 2004-20B		08/01/2022	PRINCIPAL RECEIPT		54,043	54,043	54,043	54,043						54,043				1,610	02/01/2024
83162C-OH-9	U S SBA SBI C SER 2006-20F		12/01/2022	PRINCIPAL RECEIPT		85,495	85,495	85,495	85,495						85,495				3,458	06/01/2026
83162C-PR-8	U S SBA SBI C-PC SER 2005-20G		07/01/2022	PRINCIPAL RECEIPT		83,389	83,389	83,389	83,389						83,389				2,965	07/01/2025
83162C-MZ-3	U S SBA SBI C-PS 2003-20E		11/01/2022	PRINCIPAL RECEIPT		17,866	17,866	17,830	17,861		3		3		17,864		2	2	607	05/01/2023
83162C-PH-0	U S SBA SBI C-PS 2005-20B		08/01/2022	PRINCIPAL RECEIPT		136,187	136,187	136,187	136,187						136,187				4,456	02/01/2025
83162C-MX-8	U S SBA SER 2003-20D		10/03/2022	PRINCIPAL RECEIPT		13,085	13,085	12,571	13,028		22		22		13,050		34	34	455	04/01/2023

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 4**

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

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										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 Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	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
83162C-PX-5	U S SBA SER 2005-20K		.11/01/2022	PRINCIPAL RECEIPT		74,463	74,463	74,544	74,482		2		2		74,484		(22)	(22)	2,923	.11/01/2025
83162C-QD-8	U S SBA SER 2006-20C		.09/01/2022	PRINCIPAL RECEIPT		154,811	154,811	151,436	153,716		117		117		153,833		978	978	6,685	.03/01/2026
83162C-RH-8	U S SBA SER 2007-20J CL 1		.10/03/2022	PRINCIPAL RECEIPT		1,800,620	1,800,620	1,931,164	1,898,677		(6,333)		(6,333)		1,892,345		(91,725)	(91,725)	66,670	.10/01/2027
83162C-RL-9	U S SBA SER 2007-20L CL 1		.12/01/2022	PRINCIPAL RECEIPT		979,361	979,361	1,047,610	1,030,931		(4,947)		(4,947)		1,025,985		(46,624)	(46,624)	37,178	.12/01/2027
83162C-SP-9	U S SBA SER 2009-20F		.12/01/2022	PRINCIPAL RECEIPT		64,475	64,475	64,475	64,475						64,475				2,416	.06/01/2029
83162C-SU-8	U S SBA SER 2009-20I		.05/18/2022	VARIOUS		1,148,250	1,128,995	1,240,131	1,186,618		(2,337)		(2,337)		1,184,282		(36,031)	(36,031)	33,121	.09/01/2029
83162C-TV-5	U S SBA SER 2011-20B		.07/25/2022	VARIOUS		1,892,284	1,870,455	1,870,455	1,870,455						1,870,455		21,830	21,830	71,321	.02/01/2031
83162C-TX-1	U S SBA SER 2011-20C		.05/18/2022	VARIOUS		2,369,857	2,339,317	2,339,317	2,339,317						2,339,317		30,540	30,540	65,264	.03/01/2031
83162C-VB-6	U S SBA SER 2012-203		.10/03/2022	PRINCIPAL RECEIPT		624,039	624,039	623,874	623,898		9		9		623,906		132	132	10,202	.10/01/2032
83162C-VY-6	U S SBA SER 2013-20L		.07/18/2022	VARIOUS		2,526,306	2,541,430	2,541,430	2,541,430						2,541,430		(15,124)	(15,124)	54,894	.12/01/2033
83162C-WE-9	U S SBA SER 2014-20D		.07/18/2022	VARIOUS		2,323,655	2,359,479	2,359,479	2,359,479						2,359,479		(35,824)	(35,824)	58,286	.04/01/2034
				FTN FINANCIAL CAPITAL																
83162C-WH-2	U S SBA SER 2014-20F		.05/19/2022	MKT		13,054,430	13,245,803	13,317,833	13,295,822		(1,290)		(1,290)		13,294,533		(240,103)	(240,103)	190,324	.06/01/2034
83162C-C6-8	U S SBA SER 2015-25G		.07/01/2022	PRINCIPAL RECEIPT		612,449	612,449	612,449	612,449						612,449				23,195	.07/01/2044
83162C-XY-4	U S SBA SER 2016-20H		.08/01/2022	PRINCIPAL RECEIPT		893,866	893,866	893,866	893,866						893,866				20,042	.08/01/2036
83162C-YB-3	U S SBA SER 2016-20J		.10/03/2022	PRINCIPAL RECEIPT		1,371,183	1,371,183	1,371,183	1,371,183						1,371,183				30,904	.10/01/2036
831641-FH-3	U S SBA SER 2017-10A		.09/12/2022	VARIOUS		4,333,689	4,338,716	4,338,716	4,338,716						4,338,716		(5,027)	(5,027)	87,383	.03/01/2027
83162C-YN-7	U S SBA SER 2017-20D		.10/03/2022	PRINCIPAL RECEIPT		645,695	645,695	658,407	656,984		(266)		(266)		656,717		(11,022)	(11,022)	20,191	.04/01/2037
83162C-YZ-0	U S SBA SER 2017-20K		.11/01/2022	PRINCIPAL RECEIPT		1,245,402	1,245,402	1,245,402	1,245,402						1,245,402				40,743	.11/01/2037
831641-FL-4	U S SBA SER 2018-10B		.09/12/2022	PRINCIPAL RECEIPT		5,272,921	5,272,921	5,272,921	5,272,921						5,272,921				154,871	.09/10/2028
83162C-ZF-3	U S SBA SER 2018-20B		.08/01/2022	PRINCIPAL RECEIPT		2,170,553	2,170,553	2,170,553	2,170,553						2,170,553				85,741	.02/01/2038
83162C-ZL-0	U S SBA SER 2018-20E		.07/18/2022	VARIOUS		3,706,905	3,734,857	4,029,706	4,008,081		(6,949)		(6,949)		4,001,132		(294,227)	(294,227)	98,082	.05/01/2038
83162C-ZM-8	U S SBA SER 2018-20F		.12/01/2022	PRINCIPAL RECEIPT		1,442,244	1,442,244	1,562,525	1,553,804		(3,178)		(3,178)		1,550,626		(108,381)	(108,381)	61,749	.06/01/2038
83162C-ZP-1	U S SBA SER 2018-20G CL 1		.07/01/2022	PRINCIPAL RECEIPT		720,677	720,677	782,498	778,065		(917)		(917)		777,148		(56,471)	(56,471)	34,577	.07/01/2038
83162C-A3-7	U S SBA SER 2018-20L		.12/01/2022	PRINCIPAL RECEIPT		2,810,721	2,810,721	2,976,949	2,963,405		(4,382)		(4,382)		2,959,023		(148,302)	(148,302)	125,686	.12/01/2038
831641-FM-2	U S SBA SER 2019-10A CL 1		.09/12/2022	PRINCIPAL RECEIPT		724,857	724,857	724,857	724,857						724,857				16,476	.03/10/2029
83162C-C7-6	U S SBA SER 2019-20H		.08/01/2022	PRINCIPAL RECEIPT		901,190	901,190	901,190	901,190						901,190				25,641	.08/01/2039
83162C-A9-4	U S SBA SER 2019-25B CL 1		.08/01/2022	PRINCIPAL RECEIPT		546,228	546,228	574,798	573,128		(256)		(256)		572,871		(26,643)	(26,643)	25,746	.02/01/2044
83162C-B4-4	U S SBA SER 2019-25C		.09/01/2022	PRINCIPAL RECEIPT		2,241,412	2,241,412	2,377,473	2,369,392		(1,395)		(1,395)		2,367,997		(126,584)	(126,584)	98,591	.03/01/2044
83162C-E4-1	U S SBA SER 2020-20A CL 1		.07/01/2022	PRINCIPAL RECEIPT		566,972	566,972	566,972	566,972						566,972				16,033	.01/01/2040
831641-FB-6	U S SBA SER SBIC 2014-10B		.05/12/2022	VARIOUS		1,479,979	1,480,798	1,480,798	1,480,798						1,480,798		(820)	(820)	26,902	.09/10/2024
831641-FG-5	U S SBA SER SBIC 2016-10B		.09/12/2022	PRINCIPAL RECEIPT		4,236,828	4,236,828	4,236,828	4,236,828						4,236,828				61,182	.09/10/2026
83162C-PS-6	U S SBA SER SBIC-2005-20H		.08/01/2022	PRINCIPAL RECEIPT		197,382	197,382	190,905	195,547		123		123		195,669		1,713	1,713	6,643	.08/01/2025
83162C-NA-7	U S SBA SER SBIC-PC 2003-20F		.12/01/2022	PRINCIPAL RECEIPT		162,153	162,153	157,694	161,674		214		214		161,888		265	265	4,740	.06/01/2023
83162C-ND-1	U S SBA SER SBIC-PS 2003-20H		.08/01/2022	PRINCIPAL RECEIPT		45,891	45,891	45,891	45,891						45,891				1,690	.08/01/2023
831628-E7-3	US SBA 10 YR POOL #100158		.11/25/2022	PRINCIPAL RECEIPT		761,569	761,569	814,581	806,104		(44,535)		(44,535)		761,569				12,376	.12/25/2030
831628-EZ-1	US SBA 25 YEAR POOL # 100152		.12/25/2022	PRINCIPAL RECEIPT		888,164	888,164	960,327	956,921		(68,757)		(68,757)		888,164				25,196	.06/25/2045
831628-EM-0	US SBA 25 YEAR POOL #100140		.12/25/2022	PRINCIPAL RECEIPT		4,126,001	4,126,001	4,361,312	4,380,208		(254,208)		(254,208)		4,126,001				51,387	.01/25/2044
831628-E6-3	US SBA 25 YR POOL # 100135		.12/25/2022	PRINCIPAL RECEIPT		844,488	844,488	897,268	908,706		(64,218)		(64,218)		844,488				5,311	.04/25/2043
831628-C8-3	US SBA 25 YR POOL #100095		.12/25/2022	PRINCIPAL RECEIPT		782,935	782,935	830,522	833,468		(50,534)		(50,534)		782,935				26,163	.05/25/2038
831628-DL-3	US SBA 25 YR POOL #100107		.12/25/2022	PRINCIPAL RECEIPT		29,946	29,946	31,026	31,056		(1,110)		(1,110)		29,946				609	.11/25/2039
831628-EC-2	US SBA 25 YR POOL #100131		.12/25/2022	PRINCIPAL RECEIPT		2,408,344	2,408,344	2,530,266	2,502,046		(93,702)		(93,702)		2,408,344				32,958	.07/25/2042
831628-ED-0	US SBA 25 YR POOL #100132		.12/25/2022	PRINCIPAL RECEIPT		1,539,400	1,539,400	1,583,658	1,577,640		(38,240)		(38,240)		1,539,400				33,614	.10/25/2042
83162C-RA-3	US SBA SER 2007-20E		.11/01/2022	PRINCIPAL RECEIPT		320,702	320,702	313,286	317,849		273		273		318,122		2,580	2,580	11,887	.05/01/2027
83162C-VS-9	US SBA SER 2013-20H		.08/01/2022	PRINCIPAL RECEIPT		1,267,275	1,267,275	1,267,275	1,267,275						1,267,275				33,848	.08/01/2033
912810-RK-6	US TREASURY BONDS		.12/15/2022	VARIOUS		16,606,549	19,916,000	18,021,946	18,276,690		38,201		38,201		18,314,890		(1,708,341)	(1,708,341)	567,646	.02/15/2045
912828-Y7-9	US TREASURY BONDS		.06/15/2022	MORGAN STANLEY SMITH BARNEY LL		3,930,469	4,000,000	4,141,719			(13,685)		(13,685)		4,128,034		(197,565)	(197,565)	43,204	.07/31/2025
91282C-CE-9	US TREASURY BONDS		.09/23/2022	GOLDMAN, SACHS & CO.		6,042,695	7,000,000	6,995,469	6,995,665		473		473		6,996,138		(953,443)	(953,443)	71,960	.05/31/2028
0109999999. Subtotal - Bonds - U.S. Governments						161,005,682	165,650,074	166,528,204	162,924,517		(1,742,314)		(1,742,314)		165,323,925		(4,318,241)	(4,318,241)	3,707,102	XXX

E14.3

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 4**

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

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										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 Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	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
373384-NZ-5	GEORGIA ST GO BDS 2009H		11/01/2022	VARIOUS		8,421,203	8,440,000	9,106,426	8,794,856		(90,216)		(90,216)		8,704,640		(283,437)	(283,437)	371,044	11/01/2025
0509999999. Subtotal - Bonds - U.S. States, Territories and Possessions						8,421,203	8,440,000	9,106,426	8,794,856		(90,216)		(90,216)		8,704,640		(283,437)	(283,437)	371,044	XXX
543264-UF-0	LONGVIEW TX INDP SCH DIS SER 2010		10/14/2022	ROBERT W. BAIRD & CO. INC		998,210	1,000,000	1,000,000	1,000,000						1,000,000		(1,790)	(1,790)	54,720	02/15/2025
564096-L9-4	MANOR TX INDP SCH DIST SER 2021		02/17/2022	SIEBERT, BRANFORD, SHANK		3,675,177	3,300,000	3,814,932	3,806,753		(6,085)		(6,085)		3,800,668		(125,491)	(125,491)	29,700	08/01/2034
592112-UH-7	METRO GOVT NASHVILLE GO SER 2021B		03/10/2022	FTN FINANCIAL CAPITAL		4,509,200	5,000,000	5,000,000	5,000,000						5,000,000		(490,800)	(490,800)	52,216	07/01/2031
774286-AD-0	ROCKWALL TX INDEP SCH DIST GO		02/17/2022	SIEBERT, BRANFORD, SHANK		4,587,800	5,000,000	5,000,000	5,000,000						5,000,000		(412,200)	(412,200)	44,049	02/15/2033
774286-AE-8	ROCKWALL TX INDEP SCH DIST GO		02/17/2022	SIEBERT, BRANFORD, SHANK		4,388,996	4,820,000	4,820,000	4,820,000						4,820,000		(431,004)	(431,004)	44,466	02/15/2034
984368-IR-8	YAKIMA WA SCH DIST GO BDS 2010B		11/03/2022	ROBERT W. BAIRD & CO. INC		3,469,690	3,500,000	3,500,000	3,500,000						3,500,000		(30,310)	(30,310)	148,862	12/01/2025
0709999999. Subtotal - Bonds - U.S. Political Subdivisions of States, Territories and Possessions						21,629,073	22,620,000	23,134,932	23,126,753		(6,085)		(6,085)		23,120,668		(1,491,595)	(1,491,595)	374,013	XXX
196480-NG-8	COLORADO ST HSG REV 202 SER 1-1		01/01/2022	CALLED		335,000	335,000	335,000	335,000						335,000				1,257	11/01/2031
196480-NF-0	COLORADO ST HSG REV 2020 SER 1-1		01/01/2022	CALLED		500,000	500,000	500,000	500,000						500,000				1,835	05/01/2031
196480-NH-6	COLORADO ST HSG REV 2020 SER 1-1		09/01/2022	CALLED		335,000	335,000	351,861	349,756		(837)		(837)		348,918		(13,918)	(13,918)	6,550	11/01/2050
196480-YB-7	COLORADO ST HSG REV 2021 SER M-1		09/01/2022	CALLED		355,000	355,000	355,000	355,000						355,000				7,928	11/01/2036
25477P-NT-8	DIST OF COLUMBIA HSG FIN SER 2017		12/12/2022	PRINCIPAL RECEIPT		154,684	154,684	154,684	154,684						154,684				2,734	03/01/2049
3133TC-AU-2	FHLMC SER T-009 CL A-6		12/27/2022	PRINCIPAL RECEIPT		43	43	43	43						43				1	03/25/2029
34074M-ND-9	FLORIDA ST HSG FIN CORP 2016 SER 1		12/12/2022	PRINCIPAL RECEIPT		415,246	415,246	415,246	415,246						415,246				6,396	07/01/2037
34074M-PG-0	FLORIDA ST HSG FIN CORP SER 2016 B		12/12/2022	PRINCIPAL RECEIPT		618,952	618,952	618,952	618,952						618,952				8,444	01/01/2043
01F022-61-8	FNMA 2.5% TBA 30 YR		01/07/2022	DAIWA CAPITAL MARKETS		8,691,035	8,625,000	8,788,403	8,788,403						8,788,403		(97,368)	(97,368)	7,188	12/01/2051
01F030-62-9	FNMA 3.0% TBA 30 YR		01/24/2022	DAIWA CAPITAL MARKETS		28,281,895	27,630,000	28,551,720	28,551,720						28,551,720		(269,824)	(269,824)	29,933	12/01/2051
3140HS-HD-6	FNMA 3.97% 12YR POOL# BL1127		10/25/2022	VARIOUS		4,416,719	4,600,000	4,671,875	4,646,328		(5,287)		(5,287)		4,641,041		(224,322)	(224,322)	159,792	01/01/2031
3137IN-V7-7	FNMA POOL # 257238		12/27/2022	PRINCIPAL RECEIPT		11,018	11,018	10,549	10,633		386		386		11,018				283	06/01/2028
31400F-B2-2	FNMA POOL # 685957		12/27/2022	PRINCIPAL RECEIPT		6,389	6,389	6,570	6,396		(7)		(7)		6,389				192	09/01/2032
31400K-3U-8	FNMA POOL # 690311		12/27/2022	PRINCIPAL RECEIPT		6,968	6,968	6,952	6,952		16		16		6,968				105	04/01/2033
31403C-WP-2	FNMA POOL # 745054		12/27/2022	PRINCIPAL RECEIPT		22,329	22,329	22,291	22,289		40		40		22,329				498	09/01/2035
31404G-V4-0	FNMA POOL # 768435		12/27/2022	PRINCIPAL RECEIPT		13,538	13,538	13,373	13,394		144		144		13,538				153	01/01/2034
3138L8-XM-1	FNMA POOL # AM7883		10/25/2022	VARIOUS		3,215,593	3,482,420	3,429,095	3,447,498		4,781		4,781		3,452,279		(236,686)	(236,686)	95,936	02/01/2030
3138LM-DD-2	FNMA POOL # AN8199		12/27/2022	PRINCIPAL RECEIPT		33,647	33,647	39,678	38,890		(5,243)		(5,243)		33,647				648	01/01/2036
3138WJ-JA-7	FNMA POOL # AS8356		12/27/2022	PRINCIPAL RECEIPT		34,141	34,141	35,230	36,937		(2,796)		(2,796)		34,141				395	11/01/2046
3140F7-XE-4	FNMA POOL # BD0676		12/27/2022	PRINCIPAL RECEIPT		4,423	4,423	4,580	4,629		(206)		(206)		4,423				84	01/01/2047
3140F7-XR-5	FNMA POOL # BD0687		12/27/2022	PRINCIPAL RECEIPT		507,380	507,380	533,938	535,127		(27,747)		(27,747)		507,380				9,670	09/01/2047
3140F7-YD-5	FNMA POOL # BD0707		12/27/2022	PRINCIPAL RECEIPT		627,794	627,794	661,244	657,942		(30,148)		(30,148)		627,794				5,342	10/01/2047
3140FC-KN-7	FNMA POOL # BD4800		12/27/2022	PRINCIPAL RECEIPT		4,759	4,759	4,918	4,949		(189)		(189)		4,759				91	09/01/2046
3140FK-H6-0	FNMA POOL # BE0252		12/27/2022	PRINCIPAL RECEIPT		7,121	7,121	7,526	7,594		(472)		(472)		7,121				155	09/01/2046
3140FU-NS-3	FNMA POOL # BE8500		12/27/2022	PRINCIPAL RECEIPT		105,992	105,992	109,586	109,614		(3,622)		(3,622)		105,992				1,029	02/01/2047
3140FV-HU-3	FNMA POOL # BE9242		12/27/2022	PRINCIPAL RECEIPT		96,311	96,311	103,474	103,539		(7,228)		(7,228)		96,311				1,228	03/01/2047
3140GP-X6-0	FNMA POOL # BH1600		12/27/2022	PRINCIPAL RECEIPT		255,948	255,948	265,826	264,389		(8,441)		(8,441)		255,948				8,100	12/01/2047
3140GS-6N-7	FNMA POOL # BH4476		12/27/2022	PRINCIPAL RECEIPT		39,048	39,048	40,006	40,271		(1,223)		(1,223)		39,048				793	12/01/2047
3140GU-JH-1	FNMA POOL # BH5663		12/27/2022	PRINCIPAL RECEIPT		23,814	23,814	24,625	24,284		(470)		(470)		23,814				455	06/01/2047
3140GX-B6-7	FNMA POOL # BH8160		12/27/2022	PRINCIPAL RECEIPT		1,945,149	1,945,149	2,001,984	1,999,554		(54,405)		(54,405)		1,945,149				17,028	12/01/2047
3140GY-3F-4	FNMA POOL # BH9797		12/27/2022	PRINCIPAL RECEIPT		43,246	43,246	44,503	44,500		(1,254)		(1,254)		43,246				827	09/01/2047
3140GY-6Z-7	FNMA POOL # BH9887		12/27/2022	PRINCIPAL RECEIPT		293,431	293,431	307,530	308,968		(15,536)		(15,536)		293,431				3,123	10/01/2047
3140H2-FD-5	FNMA POOL # BJ1063		12/27/2022	PRINCIPAL RECEIPT		1,491,733	1,491,733	1,570,398	1,564,180		(72,447)		(72,447)		1,491,733				12,918	12/01/2047
3140H2-JG-4	FNMA POOL # BJ1162		12/27/2022	PRINCIPAL RECEIPT		1,353,665	1,353,665	1,389,411	1,389,157		(35,492)		(35,492)		1,353,665				20,354	01/01/2048
3140H2-YF-9	FNMA POOL # BJ1609		12/27/2022	PRINCIPAL RECEIPT		4,370	4,370	4,499	4,544		(174)		(174)		4,370				82	10/01/2047
3140H3-YJ-9	FNMA POOL # BJ2512		12/27/2022	PRINCIPAL RECEIPT		231,908	231,908	238,176	237,607		(5,699)		(5,699)		231,908				5,385	12/01/2047

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 4**

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

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										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 Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	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
3140H4-J7-0	FNMA POOL # BJ2985		12/27/2022	PRINCIPAL RECEIPT		6,302	6,302	6,478	6,541		(239)		(239)		6,302				120	12/01/2047
3140H6-AS-8	FNMA POOL # BJ4516		12/27/2022	PRINCIPAL RECEIPT		5,330	5,330	5,533	5,594		(264)		(264)		5,330				116	01/01/2048
3140H6-ZV-4	FNMA POOL # BJ5255		12/27/2022	PRINCIPAL RECEIPT		55,383	55,383	57,100	56,933		(1,550)		(1,550)		55,383				1,046	12/01/2047
3140H6-ZZ-8	FNMA POOL # BJ5260		12/27/2022	PRINCIPAL RECEIPT		11,934	11,934	12,421	12,328		(394)		(394)		11,934				260	12/01/2047
3140HL-JT-4	FNMA POOL # BK6573		12/27/2022	PRINCIPAL RECEIPT		274,736	274,736	288,087	289,650		(14,914)		(14,914)		274,736				6,766	07/01/2048
3140HT-ZG-7	FNMA POOL # BL2542		12/27/2022	PRINCIPAL RECEIPT		95,874	95,874	111,544	109,895		(14,021)		(14,021)		95,874				2,023	05/01/2039
3140JB-AN-6	FNMA POOL # BM6312		12/27/2022	PRINCIPAL RECEIPT		372,734	372,734	392,419	412,436		(39,702)		(39,702)		372,734				6,306	08/01/2046
3140KE-CG-1	FNMA POOL # BP6370		12/27/2022	PRINCIPAL RECEIPT		339,275	339,275	356,557	358,054		(18,779)		(18,779)		339,275				3,031	05/01/2050
3140KE-RN-0	FNMA POOL # BP6792		12/27/2022	PRINCIPAL RECEIPT		772,494	772,494	811,963	819,695		(47,202)		(47,202)		772,494				5,049	05/01/2050
3140KE-ST-1	FNMA POOL # BP7157		12/27/2022	PRINCIPAL RECEIPT		284,818	284,818	299,526	298,126		(13,308)		(13,308)		284,818				5,443	06/01/2050
3140KU-NU-2	FNMA POOL # BQ8502		12/27/2022	PRINCIPAL RECEIPT		921,245	921,245	970,186	968,074		(46,829)		(46,829)		921,245				10,750	12/01/2050
3140KV-KG-4	FNMA POOL # BQ9294		12/27/2022	PRINCIPAL RECEIPT		1,076,955	1,076,955	1,139,553	1,139,774		(62,819)		(62,819)		1,076,955				12,153	12/01/2050
3140KV-K7-4	FNMA POOL # BQ9317		12/27/2022	PRINCIPAL RECEIPT		431,911	431,911	457,489	458,118		(26,207)		(26,207)		431,911				5,986	12/01/2050
3140MR-2K-2	FNMA POOL # BW0777		12/27/2022	PRINCIPAL RECEIPT		23,049	23,049	22,185			864		864		23,049				126	08/01/2052
3140O9-TX-1	FNMA POOL # CA2365		12/27/2022	PRINCIPAL RECEIPT		318,129	318,129	318,974	319,233		(1,104)		(1,104)		318,129				5,010	09/01/2048
3140QA-DC-1	FNMA POOL # CA2798		12/27/2022	PRINCIPAL RECEIPT		474,815	474,815	518,290	535,680		(60,865)		(60,865)		474,815				8,391	12/01/2048
3140QP-2B-2	FNMA POOL # CB4369		12/27/2022	PRINCIPAL RECEIPT		17,728	17,728	15,718			2,010		2,010		17,728				52	07/01/2052
3140QQ-DE-2	FNMA POOL # CB4600		12/27/2022	PRINCIPAL RECEIPT		177,137	177,137	159,257			17,880		17,880		177,137				555	09/01/2052
3141BB-TN-6	FNMA POOL # MA2356		12/27/2022	PRINCIPAL RECEIPT		50,225	50,225	51,826	53,709		(3,484)		(3,484)		50,225				557	07/01/2045
3141BD-FZ-0	FNMA POOL # MA3783		12/27/2022	PRINCIPAL RECEIPT		45,808	45,808	47,025	50,343		(4,535)		(4,535)		45,808				487	09/01/2049
3141BD-LY-6	FNMA POOL # MA3942		12/27/2022	PRINCIPAL RECEIPT		357,326	357,326	363,133	374,416		(17,089)		(17,089)		357,326				3,996	02/01/2050
3141BD-MV-1	FNMA POOL # MA3971		12/27/2022	PRINCIPAL RECEIPT		420,400	420,400	427,232	439,795		(19,394)		(19,394)		420,400				4,494	03/01/2050
3141BD-RF-1	FNMA POOL # MA4085		12/27/2022	PRINCIPAL RECEIPT		217,792	217,792	221,637	225,205		(7,413)		(7,413)		217,792				1,842	07/01/2050
3138IJ-X2-9	FNMA POOL # AS8796		12/27/2022	PRINCIPAL RECEIPT		560,859	560,859	591,619	615,553		(54,693)		(54,693)		560,859				8,520	02/01/2047
3140ML-MZ-0	FNMA POOL # BV6675		12/27/2022	PRINCIPAL RECEIPT		89,179	89,179	90,600			(1,421)		(1,421)		89,179				984	04/01/2052
3140QN-DE-9	FNMA POOL # CB2800		12/27/2022	PRINCIPAL RECEIPT		139,320	139,320	125,542			13,777		13,777		139,320				627	02/01/2052
3140HU-RD-0	FNMA POOL # BL3183		12/27/2022	PRINCIPAL RECEIPT		328,764	328,764	363,849	359,613		(30,849)		(30,849)		328,764				5,758	08/01/2037
31393B-T6-2	FNMA REMICS SER 2003-W6 CL1A43		12/27/2022	PRINCIPAL RECEIPT		190,753	190,753	194,313	192,102		(1,349)		(1,349)		190,753				5,508	10/25/2042
31393D-RY-9	FNMA REMICS SER 2006-63 CL A6		12/27/2022	PRINCIPAL RECEIPT		243,456	243,456	233,280	238,841		4,615		4,615		243,456				6,356	07/25/2044
3136BA-UL-6	FNMA REMICS SER 2020-48 CL AB		12/27/2022	PRINCIPAL RECEIPT		481,970	481,970	447,197			34,773		34,773		481,970				2,617	07/25/2050
3136BF-U2-7	FNMA REMICS SER 2021-24 CL AD		12/27/2022	PRINCIPAL RECEIPT		1,424,069	1,424,069	1,438,309	1,439,605		(15,536)		(15,536)		1,424,069				15,835	11/25/2049
31335H-XC-2	FREDDIE MAC POOL # C90675		12/15/2022	PRINCIPAL RECEIPT		19,071	19,071	19,289	19,078		(7)		(7)		19,071				473	05/01/2023
31335H-YN-7	FREDDIE MAC POOL # C90717		12/15/2022	PRINCIPAL RECEIPT		22,366	22,366	22,785	22,423		(57)		(57)		22,366				609	09/01/2023
3128E2-VX-1	FREDDIE MAC POOL # D96030		12/15/2022	PRINCIPAL RECEIPT		20,055	20,055	20,359	20,070		(14)		(14)		20,055				505	05/01/2023
31335B-JE-7	FREDDIE MAC POOL # G61161		12/15/2022	PRINCIPAL RECEIPT		1,193,824	1,193,824	1,222,737	1,222,873		(29,049)		(29,049)		1,193,824				17,195	08/01/2047
3132WP-6K-8	FREDDIE MAC POOL # Q49873		12/15/2022	PRINCIPAL RECEIPT		11,694	11,694	11,970	11,938		(244)		(244)		11,694				221	08/01/2047
3132XS-UC-2	FREDDIE MAC POOL # Q50578		12/15/2022	PRINCIPAL RECEIPT		721,524	721,524	756,022	752,023		(30,499)		(30,499)		721,524				5,689	09/01/2047
3132XU-GZ-2	FREDDIE MAC POOL # Q52015		12/15/2022	PRINCIPAL RECEIPT		679,840	679,840	698,748	698,540		(18,700)		(18,700)		679,840				14,100	11/01/2047
3132XU-G3-3	FREDDIE MAC POOL # Q52017		12/15/2022	PRINCIPAL RECEIPT		28,580	28,580	30,067	29,867		(1,287)		(1,287)		28,580				624	11/01/2047
3132XU-JX-4	FREDDIE MAC POOL # Q52077		12/15/2022	PRINCIPAL RECEIPT		1,117,852	1,117,852	1,175,317	1,169,311		(51,459)		(51,459)		1,117,852				25,577	11/01/2047
3132XU-KF-1	FREDDIE MAC POOL # Q52093		12/15/2022	PRINCIPAL RECEIPT		612,260	612,260	629,193	630,122		(17,861)		(17,861)		612,260				9,549	11/01/2047
3132XU-KT-1	FREDDIE MAC POOL # Q52105		12/15/2022	PRINCIPAL RECEIPT		513,281	513,281	538,865	537,349		(24,068)		(24,068)		513,281				12,898	11/01/2047
3132XW-DG-3	FREDDIE MAC POOL # Q53702		12/15/2022	PRINCIPAL RECEIPT		246,276	246,276	250,085	248,431		(2,155)		(2,155)		246,276				2,379	01/01/2048
3132XW-DH-1	FREDDIE MAC POOL # Q53703		12/15/2022	PRINCIPAL RECEIPT		380,622	380,622	386,569	386,559		(5,937)		(5,937)		380,622				2,359	01/01/2048
3133A4-3A-2	FREDDIE MAC POOL # Q49793		12/27/2022	PRINCIPAL RECEIPT		207,277	207,277	217,818	220,653		(13,377)		(13,377)		207,277				2,360	05/01/2050
3133AD-JZ-0	FREDDIE MAC POOL # Q86580		12/27/2022	PRINCIPAL RECEIPT		455,286	455,286	479,188	487,590		(32,304)		(32,304)		455,286				2,659	12/01/2050
3133AD-J6-4	FREDDIE MAC POOL # Q86585		12/27/2022	PRINCIPAL RECEIPT		846,271	846,271	891,229	892,343		(46,072)		(46,072)		846,271				9,890	12/01/2050
3133AD-ZP-4	FREDDIE MAC POOL # Q87050		12/27/2022	PRINCIPAL RECEIPT		1,102,428	1,102,428	1,167,713	1,171,624		(69,196)		(69,196)		1,102,428				13,974	12/01/2050
3132DM-K2-0	FREDDIE MAC POOL # S00313		12/27/2022	PRINCIPAL RECEIPT		481,522	481,522	514,626	517,768		(36,246)		(36,246)		481,522				6,044	04/01/2050
3132AE-EY-8	FREDDIE MAC POOL # ZT1951		12/27/2022	PRINCIPAL RECEIPT		219,996	219,996	225,788	232,521		(12,525)		(12,525)		219,996				3,065	05/01/2049

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 4**

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

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										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 Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	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
3132DN-V2-6	FREDDIE MAC POOL #SD1533		12/27/2022	PRINCIPAL RECEIPT		38,899	38,899	37,343					1,556		38,899				221	09/01/2052
3133AY-0F-0	FREDDIE MAC POOL QD2254		12/27/2022	PRINCIPAL RECEIPT		3,303	3,303	2,968					334		3,303				14	11/01/2051
3132VM-HD-0	FREDDIE MAC POOL# Q61127		12/15/2022	PRINCIPAL RECEIPT		146,696	146,696	146,627	146,611				85		146,696				3,642	01/01/2049
3133BE-VD-2	FREDDIE MAC POOL# QE5112		12/27/2022	PRINCIPAL RECEIPT		24,218	24,218	21,473					2,745		24,218				71	07/01/2052
3133KN-D9-1	FREDDIE MAC POOL# RA6428		12/27/2022	PRINCIPAL RECEIPT		125,676	125,676	107,051					18,626		125,676				314	12/01/2051
45202B-CJ-3	ILLINOIS ST HSG DEV 2016 SER A		12/01/2022	CALLED		1,183,845	1,183,845	1,183,845	1,183,845						1,183,845				20,457	03/01/2048
49130T-VQ-6	KENTUCKY ST HSG CORP 2016 SER B		10/03/2022	CALLED		205,000	205,000	213,344	208,988		(553)		(553)		208,435		(3,435)	(3,435)	8,931	07/01/2037
49130T-UR-5	KENTUCKY ST HSG CORP BDS 2016 A		10/03/2022	CALLED		315,000	315,000	327,036	320,040		(813)		(813)		319,226		(4,226)	(4,226)	12,022	01/01/2040
54627D-EF-4	LOUISIANA ST HSG CORP REV SR 2020A		12/12/2022	PRINCIPAL RECEIPT		235,555	235,555	235,555	235,555						235,555				2,344	03/01/2041
54627D-BV-2	LOUISIANA ST HSG CORP SF MTG 2015A		12/12/2022	PRINCIPAL RECEIPT		257,579	257,579	257,579	257,579						257,579				3,941	12/01/2038
60416Q-JA-3	MINNESOTA ST HSG FIN AGY REV SER A		12/12/2022	VARIOUS		1,493,147	1,493,147	1,496,879	1,496,550		(150)		(150)		1,496,399		(3,253)	(3,253)	11,257	02/01/2051
60535Q-LZ-1	MISSISSIPPI ST HOME CORP SER 2015A		12/12/2022	PRINCIPAL RECEIPT		270,769	270,769	270,769	270,769						270,769				4,413	12/01/2034
60637B-XV-7	MISSOURI ST HSG DEV REV 2020 SER B		12/06/2022	PRINCIPAL RECEIPT		3,907,693	3,907,693	3,983,658	3,970,865		(3,028)		(3,028)		3,967,838		(60,145)	(60,145)	48,561	11/01/2043
641279-NX-8	NEVADA ST HSG REV BDS SER 2020A		12/12/2022	PRINCIPAL RECEIPT		570,846	570,846	570,846	570,846						570,846				5,071	11/01/2044
647200-3P-7	NEW MEXICO MTG FIN AUTH 2015 SER E		12/12/2022	PRINCIPAL RECEIPT		327,250	327,250	327,250	327,250						327,250				5,231	09/01/2037
677377-2P-7	OHIO HSG FIN REV BONDS 2016 SER 1		12/01/2022	CALLED		320,000	320,000	320,000	320,000						320,000				4,174	11/01/2041
684907-IM-6	ORANGE CNTY FL HSG FIN REV 2020A		01/05/2022	RBC CAPITAL MARKETS		2,216,100	2,075,000	2,255,982	2,229,109		(232)		(232)		2,228,877		(12,777)	(12,777)	21,788	09/01/2050
684907-IM-4	ORANGE CNTY FL HSG FIN REV 2020B		12/12/2022	PRINCIPAL RECEIPT		216,169	216,169	216,169	216,169						216,169				1,029	09/01/2050
880461-2F-4	TENNESSEE HSG DEV AGY 2020-3B		12/01/2022	CALLED		120,000	120,000	127,612	126,467		(406)		(406)		126,061		(6,061)	(6,061)	4,273	03/01/2050
880461-T7-3	TENNESSEE HSG DEV AGY REV 2020-2		11/01/2022	CALLED		705,000	705,000	746,010	739,487		(1,860)		(1,860)		737,627		(32,627)	(32,627)	26,900	07/01/2040
88275F-NZ-8	TEXAS ST DEPT OF HSG 2017 SER B		12/12/2022	PRINCIPAL RECEIPT		331,164	331,164	331,164	331,164						331,164				4,192	09/01/2038
88275F-SH-3	TEXAS ST DEPT OF HSG SER B		12/12/2022	PRINCIPAL RECEIPT		156,357	156,357	156,357	156,357						156,357				1,468	03/01/2036
88275F-NU-9	TEXAS ST DEPT OF HSG SF REV 2015 A		12/01/2022	CALLED		450,000	450,000	450,000	450,000						450,000				10,667	09/01/2039
915137-SG-4	UNIV OF TEXAS TX REV SER 2010D		08/15/2022	VARIOUS		1,040,000	1,040,000	1,090,232	630,000		1,832		1,832		1,092,064		(52,064)	(52,064)	25,152	08/15/2026
93978X-ER-7	WASHINGTON ST HSG FIN COM 2015 B		12/01/2022	CALLED		630,000	630,000	630,000	630,000						630,000				10,159	05/01/2041
93978X-EQ-9	WASHINGTON ST HSG FIN COM 2015 A		12/01/2022	CALLED		260,000	260,000	260,000	260,000						260,000				3,788	09/01/2040
<b>0909999999 Subtotal - Bonds - U.S. Special Revenues</b>						<b>89,123,350</b>	<b>88,714,427</b>	<b>91,181,705</b>	<b>89,097,016</b>		<b>(1,076,518)</b>		<b>(1,076,518)</b>		<b>90,140,056</b>		<b>(1,016,706)</b>	<b>(1,016,706)</b>	<b>917,946</b>	<b>XXX</b>
00287Y-AP-4	ABBVIE INC SR NTS		09/06/2022	CALLED		2,961,000	2,961,000	2,975,378	2,962,835		(2,034)		(2,034)		2,960,800		200	200	78,960	11/06/2022
00842B-AJ-6	AGATE BAY MTG TRUST 2015-5 CL A9		12/27/2022	PRINCIPAL RECEIPT		316,440	316,440	324,104	322,052		(5,612)		(5,612)		316,440				4,699	07/25/2045
00842T-AD-0	AGATE BAY MTG TRUST 2016-1 CL A4		12/27/2022	PRINCIPAL RECEIPT		72,848	72,848	71,892	72,057		791		791		72,848				766	12/25/2045
00842E-AC-5	AGATE BAY MTG TRUST 2016-2 CL A3		12/27/2022	PRINCIPAL RECEIPT		222,462	222,462	228,267	234,501		(12,039)		(12,039)		222,462				3,297	03/25/2046
025816-BM-0	AMERICAN EXPRESS CO SR NTS		03/21/2022	MARKET AXESS		2,106,972	2,100,000	2,016,231	2,087,668		4,658		4,658		2,092,326		14,646	14,646	33,833	08/01/2022
94973V-AX-5	ANTHEM INC SR NTS		05/15/2022	MATURITY		4,098,000	4,098,000	4,135,121	4,101,343		(3,343)		(3,343)		4,098,000				64,031	05/15/2022
037833-CJ-7	APPLE INC NTS		07/05/2022	GOLDMAN, SACHS & CO.		1,754,655	1,750,000	1,789,113	1,772,469		(2,211)		(2,211)		1,770,257		(15,602)	(15,602)	53,414	02/09/2027
00206R-CM-2	AT&T INC NTS		05/02/2022	VARIOUS		11,240,814	11,238,000	11,268,162	11,240,390		(2,117)		(2,117)		11,238,273		2,541	2,541	108,250	06/30/2022
00206R-DD-1	AT&T INC NTS		05/11/2022	CALLED @ 101.8364442		7,739,570	7,600,000	7,767,948	7,675,774		(8,563)		(8,563)		7,667,210		(67,210)	(67,210)	386,401	01/15/2025
00206R-HS-4	AT&T INC SR NTS		04/26/2022	VARIOUS		4,651,802	4,590,000	4,712,285	4,665,894		(7,072)		(7,072)		4,658,822		(68,822)	(68,822)	190,781	07/15/2025
06051G-GK-9	BANK OF AMERICA CORP SR NTS		04/24/2022	CALLED		8,673,000	8,673,000	8,520,243	8,626,073		11,050		11,050		8,637,122		35,878	35,878	124,935	04/24/2023
07359B-AA-5	BEACON CONTAINER FINANCE II LLC		12/20/2022	PRINCIPAL RECEIPT		833,333	833,333	828,539	799,337		4,774		4,774		833,333				9,849	10/22/2046
10373Q-AD-2	BP CAP MARKETS AMERICA COMPANY		08/24/2022	VARIOUS		2,065,898	2,055,000	2,093,323	2,071,909		(5,321)		(5,321)		2,067,589		(11,589)	(11,589)	92,677	02/06/2024
10373Q-AL-4	BP CAPITAL MARKETS AMERICA NTS		08/24/2022	CALLED		1,645,000	1,645,000	1,590,544	1,627,259		8,338		8,338		1,635,597		9,403	9,403	35,687	05/10/2023
110122-CP-1	BRISTOL MYERS SQUIBB CO SR NTS		03/04/2022	CALLED @ 106.8280000		1,033,027	967,000	1,126,052	1,101,003		(3,045)		(3,045)		1,097,958		(130,958)	(130,958)	84,863	07/26/2029
110122-DC-9	BRISTOL MYERS SQUIBB CO SR NTS		03/04/2022	CALLED @ 106.3490000		2,424,757	2,280,000	2,606,245	2,509,289		(11,744)		(11,744)		2,497,545		(217,545)	(217,545)	193,595	08/15/2025
134429-AY-5	CAMPBELL SOUP COMPANY NTS		03/04/2022	CALLED @ 100.7280400		1,309,465	1,300,000	1,272,011	1,296,141		1,144		1,144		1,297,285		2,715	2,715	28,603	08/02/2022
172967-FT-3	CITIGROUP INC SR NTS		01/14/2022	MATURITY		8,900,000	8,900,000	9,498,187	8,905,636		(5,636)		(5,636)		8,900,000				200,250	01/14/2022
172967-LO-2	CITIGROUP INC SR NTS		03/21/2022	GOLDMAN, SACHS & CO.		6,477,325	6,430,000	6,357,357	6,414,922		4,039		4,039		6,418,961		58,364	58,364	70,409	10/27/2022
29342F-AA-0	CONNECTICUT INVEST CT NT SER 2021		12/15/2022	VARIOUS		421,203	421,203	421,203	421,203						421,203				23,341	12/15/2030
22944P-AA-5	CREDIT SUISSE MTG TRUST 2013-TH1		12/27/2022	PRINCIPAL RECEIPT		953,841	953,841	920,159	935,660		18,181		18,181		953,841				6,073	02/25/2043
12647P-AL-2	CREDIT SUISSE MTG TRUST SER 2013-7		12/27/2022	PRINCIPAL RECEIPT		211,602	211,602	214,160	213,221		(1,619)		(1,619)		211,602				3,474	08/25/2043
126650-CF-5	CVS CAREMARK CORPORATION		09/29/2022	MARKET AXESS		1,859,223	1,905,000	1,964,736	1,925,168		(5,590)		(5,590)		1,919,577		(60,354)	(60,354)	73,402	08/12/2024

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 4**

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

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21	
										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 Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	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	
126650-BZ-2	CVS HEALTH CORPORATION SR NOTES		03/21/2022	MARKET AXESS		1,582,292	1,575,000	1,538,161	1,569,721		1,263		1,263		1,570,984		11,308	11,308	13,475	12/01/2022	
126650-CK-4	CVS HEALTH CORPORATION SR NOTES		03/21/2022	MARKET AXESS		2,797,758	2,788,000	2,869,957	2,793,881		(3,372)		(3,372)		2,790,509		7,249	7,249	65,867	07/20/2022	
278062-AC-8	EATON CORP SENIOR NOTES		04/14/2022	GOLDMAN, SACHS & CO.		4,420,284	4,400,000	4,262,016	4,384,387		5,300		5,300		4,389,687		30,597	30,597	56,131	11/02/2022	
30161M-AR-4	EXELON GENERATION CO LLC SR NTS		03/15/2022	MATURITY		8,014,000	8,014,000	8,164,153	8,018,677		(4,677)		(4,677)		8,014,000				136,238	03/15/2022	
30290W-AG-0	FREMF MORTGAGE TRUST FREMF 2012 K2		08/25/2022	PRINCIPAL RECEIPT		2,271,000	2,271,000	2,353,412	2,305,541		(34,541)		(34,541)		2,271,000				55,848	10/25/2045	
30290T-AN-2	FREMF MTG TRUST 2012-K21 CL B		01/19/2022	BREAN CAPITAL LLC		1,959,278	1,938,080	2,017,611	1,961,359		(2,788)		(2,788)		1,958,571		707	707	10,583	07/25/2045	
30261Q-AJ-2	FREMF MTG TRUST SER 13-K26 CL B		11/25/2022	VARIOUS		896,500	896,500	936,691	913,826		(16,993)		(16,993)		896,833		(333)	(333)	29,807	12/25/2045	
30261H-AN-3	FREMF MTG TRUST SER 2012-K18 CL B		01/25/2022	PRINCIPAL RECEIPT		350,075	350,075	359,456	350,075						350,075				1,207	01/25/2045	
30290M-AN-7	FREMF MTG TRUST SER 2012-K19 CL B		03/25/2022	PRINCIPAL RECEIPT		1,445,000	1,445,000	1,508,162	1,447,255		(2,255)		(2,255)		1,445,000				12,271	05/25/2045	
30290Q-AH-1	FREMF MTG TRUST SER 2012-K20 CL C		04/25/2022	VARIOUS		6,295,000	6,295,000	6,504,758	6,333,512		(36,577)		(36,577)		6,296,935		(1,935)	(1,935)	82,942	05/25/2045	
30290U-AJ-8	FREMF MTG TRUST SER 2012-K22 CL B		01/19/2022	INTL FCTONE FINANCIAL INC		6,785,123	6,690,000	7,006,730	6,788,680		(8,709)		(8,709)		6,779,971		5,153	5,153	34,187	08/25/2045	
30290U-AL-3	FREMF MTG TRUST SER 2012-K22 CL C		08/25/2022	PRINCIPAL RECEIPT		17,936,000	17,936,000	18,650,163	18,203,115		(267,115)		(267,115)		17,936,000				434,316	08/25/2045	
30290W-AE-5	FREMF MTG TRUST SER 2012-K23 CL B		08/25/2022	PRINCIPAL RECEIPT		4,450,000	4,450,000	4,651,293	4,517,597		(67,597)		(67,597)		4,450,000				109,434	10/25/2045	
30261Q-AM-5	FREMF MTG TRUST SER 2013 K26 CL C		12/27/2022	PRINCIPAL RECEIPT		16,867,030	16,867,030	17,558,913	17,217,579		(350,549)		(350,549)		16,867,030				583,373	12/25/2045	
30291G-AQ-2	FREMF MTG TRUST SER 2013 K27 CL C		12/25/2022	PRINCIPAL RECEIPT		690,000	690,000	713,648	703,122		(13,122)		(13,122)		690,000				24,519	01/25/2046	
30261N-AG-5	FREMF MTG TRUST SER 2013-K2 CL C		11/25/2022	PRINCIPAL RECEIPT		225,000	225,000	230,651	226,423		(1,423)		(1,423)		225,000				6,851	11/25/2045	
30290X-AN-3	FREMF MTG TRUST SER 2013-K24 CL B		09/25/2022	PRINCIPAL RECEIPT		200,000	200,000	205,539	201,152		(1,152)		(1,152)		200,000				5,311	11/25/2045	
30291G-AN-9	FREMF MTG TRUST SER 2013-K27 CL B		12/25/2022	PRINCIPAL RECEIPT		10,380,000	10,380,000	10,780,244	10,529,819		(149,819)		(149,819)		10,380,000				368,847	01/25/2046	
357081-AE-8	FREMF MTG TRUST SER 2015-K720 CL B		07/25/2022	PRINCIPAL RECEIPT		5,145,000	5,145,000	5,345,402	5,200,169		(55,169)		(55,169)		5,145,000				85,586	07/25/2022	
30292Q-AA-4	FREMF MTG TRUST SER2015-K718 CL B		01/25/2022	PRINCIPAL RECEIPT		6,790,000	6,790,000	6,964,967	6,790,000						6,790,000				19,449	02/25/2048	
36262Q-AB-5	GS MBS 2021-GR1 A2 MTG		12/27/2022	PRINCIPAL RECEIPT		308,081	308,081	313,087	312,777		(4,696)		(4,696)		308,081				3,442	11/25/2051	
36261H-AA-8	GS MBS 2021-PJ5 A1 MTG		12/27/2022	PRINCIPAL RECEIPT		853,704	853,704	847,568	847,509		6,195		6,195		853,704				8,775	10/25/2051	
36262C-AB-6	GS MBS 2021-PJ7 CL A2		12/27/2022	PRINCIPAL RECEIPT		700,711	700,711	713,192	712,585		(11,874)		(11,874)		700,711				7,057	01/25/2052	
406216-BD-2	HALLIBURTON COMPANY SENIOR NOTES		06/08/2022	INTERNATIONAL GROU		176,699	176,000	175,588	175,925		20		20		175,945		754	754	5,287	08/01/2023	
466159-AA-8	HENDERSON MTG SER 10-2A		12/15/2022	PRINCIPAL RECEIPT		131,517	131,517	139,881	139,720		(82)		(82)		139,639		(8,122)	(8,122)	2,522	01/15/2048	
46617L-AA-9	HENDERSON MTG SER 2013-3A CL A		12/15/2022	PRINCIPAL RECEIPT		62,250	62,250	71,165	71,095		(30)		(30)		71,065		(8,814)	(8,814)	1,324	01/17/2073	
46618A-AA-2	HENDERSON MTG SER 2014-2A CL A		12/15/2022	PRINCIPAL RECEIPT		58,605	58,605	65,432	65,376		(27)		(27)		65,348		(6,743)	(6,743)	1,170	01/17/2073	
46618H-AA-7	HENDERSON MTG SER 2014-3A CL A		12/15/2022	PRINCIPAL RECEIPT		28,484	28,484	25,911			3		3		25,914		2,570	2,570	212	06/15/2077	
46618L-AA-8	HENDERSON MTG SER 2015-1A CL A		12/15/2022	PRINCIPAL RECEIPT		11,015	11,015	12,016	12,006		(4)		(4)		12,002		(987)	(987)	190	09/15/2072	
46655B-AA-4	HENDERSON MTG SER 2021-A CL A		12/15/2022	PRINCIPAL RECEIPT		103,821	103,821	103,821							103,821				1,453	02/15/2079	
46671F-AA-5	HENDERSON MTG SER 2021-A CL A		12/16/2022	J.G. WENTWORTH		4,464,249	4,464,249	4,464,249	4,464,249						4,464,249				46,528	07/15/2077	
46620D-AA-2	HENDERSON RECEIVABLES LLC		12/15/2022	PRINCIPAL RECEIPT		13,054	13,054	10,890			2,164		2,164		13,054				37	06/15/2067	
40438P-AE-2	HPEFS EQUIPMENT TRUST 2020-2A CL C		12/20/2022	PRINCIPAL RECEIPT		70,985	70,985	72,460	71,995		(1,010)		(1,010)		70,985				1,420	07/22/2030	
459200-HU-8	IBM CORP		09/27/2022	INC.		2,019,906	2,050,000	2,094,991	2,067,804		(6,092)		(6,092)		2,061,712			(41,806)	(41,806)	84,014	02/12/2024
46620V-AA-2	J G WENTWORTH XXXIX SER 17-2A CL A		12/15/2022	PRINCIPAL RECEIPT		22,364	22,364	24,951	24,924		(10)		(10)		24,914		(2,550)	(2,550)	408	09/15/2072	
46590U-AA-0	J.G. WENTWORTH XLII SER 18-2A CL A		12/15/2022	PRINCIPAL RECEIPT		41,340	41,340	47,410	47,366		(26)		(26)		47,340		(6,000)	(6,000)	1,134	10/15/2075	
24422E-SP-5	JOHN DEERE CAPITAL CORP		09/26/2022	LOOP CAPITAL MARKETS		1,920,251	1,960,000	1,958,510	1,959,589		120		120		1,959,709		(39,458)	(39,458)	52,163	06/12/2024	
478160-BU-7	JOHNSON & JOHNSON NOTES		12/15/2022	MARKET AXESS		1,064,636	1,150,000	1,143,963	1,145,308		248		248		1,145,555		(80,920)	(80,920)	53,073	03/01/2036	
46644V-AD-8	JP MORGAN MTG TRUST 2015-4 CL 1A4		12/27/2022	PRINCIPAL RECEIPT		79,500	79,500	81,388	82,376		(2,875)		(2,875)		79,500				1,114	06/25/2045	
46644V-BJ-4	JP MORGAN MTG TRUST 2015-4 CL 2A2		12/27/2022	PRINCIPAL RECEIPT		356,786	356,786	353,162	354,259		2,526		2,526		356,786				4,042	06/25/2045	
46645G-AC-2	JP MORGAN MTG TRUST 2015-6 CL A3		12/27/2022	PRINCIPAL RECEIPT		155,157	155,157	157,170	157,119		(1,961)		(1,961)		155,157				2,242	10/25/2045	
46647J-AC-4	JP MORGAN MTG TRUST 2016-4 CL A3		12/27/2022	PRINCIPAL RECEIPT		208,277	208,277	210,913	210,467		(2,190)		(2,190)		208,277				2,875	10/25/2046	
46648H-AC-7	JP MORGAN MTG TRUST 2017-2 CL A3		12/27/2022	PRINCIPAL RECEIPT		476,796	476,796	485,130	486,664		(9,867)		(9,867)		476,796				5,569	05/25/2047	
46647S-AE-0	JP MORGAN MTG TRUST 2017-3 CL 1A3		12/27/2022	PRINCIPAL RECEIPT		681,668	681,668	695,854	701,428		(19,760)		(19,760)		681,668				8,359	08/25/2047	
46592X-AC-8	JP MORGAN MTG TRUST 2021-13 CL A3		12/25/2022	PRINCIPAL RECEIPT		3,598,064	3,598,064	3,615,492	3,615,698		(17,634)		(17,634)		3,598,064				36,914	04/25/2052	
46654T-AB-4	JP MORGAN MTG TRUST 2021-15 CL A2		12/25/2022	PRINCIPAL RECEIPT		1,260,485	1,260,485	1,281,756	1,281,989		(21,503)		(21,503)		1,260,485				15,144	06/25/2052	
46592P-AR-2	JP MORGAN MTG TRUST SER 21 CL A5A		12/27/2022	PRINCIPAL RECEIPT		138,947	138,947	120,537			18,411		18,411		138,947				874	10/25/2051	
46655D-AC-6	JP MORGAN MTG TRUST SER 22-2 CL A3		12/25/2022	PRINCIPAL RECEIPT		1,304,515	1,304,515	1,237,251			67,264		67,264		1,304,515				12,688	08/25/2052	



ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 4**

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

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										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 Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	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
46625H-KC-3	JPMORGAN CHASE & CO NOTES		04/19/2022	MARKET AXESS		1,294,103	1,305,000	1,302,103	1,304,017		92		92		1,304,109		(10,006)	(10,006)	30,359	01/23/2025
501044-CQ-2	KROGER COMPANY SENIOR NOTES		01/18/2022	CALLED		4,100,000	4,100,000	4,187,330	4,100,611		(611)		(611)		4,100,000				36,012	04/15/2022
58013M-EY-6	MCDONALD'S CORP NTS		07/26/2022	GOLDMAN, SACHS & CO. MORGAN STANLEY SMITH BARNEY LL		75,691	75,000	83,038	82,350		(1,074)		(1,074)		81,276		(5,586)	(5,586)	2,760	01/30/2026
585055-BT-2	MEDTRONIC INC NTS		11/18/2022	MORGAN STANLEY SMITH BARNEY LL		1,608,840	1,689,000	1,862,097	1,829,341		(7,453)		(7,453)		1,821,889		(213,049)	(213,049)	87,646	03/15/2035
594918-BS-2	MICROSOFT CORP SR NTS		12/14/2022	BARNEY LL		2,799,150	3,000,000	2,993,530	2,993,643		204		204		2,993,847		(194,697)	(194,697)	140,300	08/08/2036
609207-AT-2	MONDELEZ INTERNATIONAL SR NTS		03/18/2022	CALLED @ 97.6710000		1,515,854	1,552,000	1,601,167	1,597,433		(1,104)		(1,104)		1,596,328		(80,475)	(80,475)	9,937	04/13/2030
61772N-AJ-6	MS MTG TRUST SER 2021-5 CL A3		12/27/2022	PRINCIPAL RECEIPT		847,969	847,969	863,206	862,804		(14,835)		(14,835)		847,969				8,948	08/25/2051
62954V-AA-5	NEW YORK CITY TAX LIEN SER 19-A		11/10/2022	VARIOUS		5,502,446	5,502,447	5,501,911	5,501,991		20		20		5,502,011		436	436	79,862	11/10/2032
655844-BL-1	NORFOLK SOUTHERN CORP		09/29/2022	MARKET AXESS		1,960,452	1,973,000	1,918,821	1,965,084		5,216		5,216		1,970,299		(9,848)	(9,848)	64,913	02/15/2023
665859-AV-6	NORTHERN TRUST CORP SR NTS		03/03/2022	FTN FINANCIAL CAPITAL MKT		1,978,499	2,090,000	2,082,079	2,083,297		128		128		2,083,425		(104,926)	(104,926)	14,264	05/01/2030
666807-BV-3	NORTHROP GRUMMAN CORP		06/13/2022	EXCHANGED		4,394,749	3,900,000	4,982,999	4,905,897		(105,681)		(105,681)		4,800,216		(405,467)	(405,467)	153,563	03/01/2026
66989H-AN-8	NOVARTIS CAPITAL CORP		09/27/2022	BARCLAYS INC		1,773,536	1,900,000	1,858,295	1,871,714		3,588		3,588		1,875,302		(101,766)	(101,766)	51,047	05/17/2027
670346-AL-9	NUCOR CORP SENIOR NOTES		08/15/2022	CALLED		4,000,000	4,000,000	3,993,280	3,999,506		435		435		3,999,941		60	60	151,250	09/15/2022
67647L-AA-9	OCEANVIEW MTG TRUST SR 2021-1 A1		12/27/2022	PRINCIPAL RECEIPT KEYBANC CAPITAL MARKETS INC		704,464	704,464	717,783	716,739		(12,275)		(12,275)		704,464				8,213	05/25/2051
740189-AM-7	PRECISION CASTPARTS CORPORATION		07/18/2022	BANK OF NY CAPITAL		869,304	875,000	873,215	874,319		103		103		874,422		(5,118)	(5,118)	16,984	06/15/2025
74166W-AA-2	PRIME NOTES LLC NTS		03/08/2022	MARKET		44,500,000	44,500,000	44,500,000	44,500,000						44,500,000				20,572	02/16/2023
75409J-AA-5	RATE MTG TRUST 2021-J1 CL A1		03/25/2022	VARIOUS		27,082,621	28,358,741	28,655,623	28,639,036		(15,610)		(15,610)		28,623,426		(1,540,804)	(1,540,804)	168,571	07/25/2051
75409T-AG-0	RATE MTG TRUST 2021-J3 CL A7		12/25/2022	PRINCIPAL RECEIPT		2,174,302	2,174,302	2,212,353	2,210,184		(35,881)		(35,881)		2,174,302				24,422	10/25/2051
754907-AA-1	RAYONIER INC SR NOTES		01/04/2022	CALLED		2,500,000	2,500,000	2,458,004	2,498,736		42		42		2,498,778		1,222	1,222	24,219	04/01/2022
293428-AA-2	RI SMALL BUSINESS NOTE SERIES 2021		08/15/2022	VARIOUS		352,017	352,017	352,017	352,017						352,017				19,606	12/15/2026
81745M-AA-9	SEQUOIA MTG TRUST SER 2013-2 CL A		12/27/2022	PRINCIPAL RECEIPT		450,149	450,149	417,797	426,412		23,737		23,737		450,149				3,229	02/25/2043
81745L-AD-5	SEQUOIA MTG TRUST SER 2014-4 CL A4		12/27/2022	PRINCIPAL RECEIPT		143,860	143,860	147,504	146,956		(3,096)		(3,096)		143,860				1,653	11/25/2044
81746R-AU-3	SEQUOIA MTG TRUST SER 2016-2 CLA19		12/27/2022	PRINCIPAL RECEIPT		88,299	88,299	89,756	89,668		(1,369)		(1,369)		88,299				1,318	08/25/2046
81746G-AA-1	SEQUOIA MTG TRUST SER 2017-1 CL A1		12/27/2022	PRINCIPAL RECEIPT		667,690	667,690	680,939	682,843		(15,153)		(15,153)		667,690				9,181	10/25/2047
81746N-AL-2	SEQUOIA MTG TRUST SR 2016-3 CLA11		04/25/2022	PRINCIPAL RECEIPT		89,447	89,447	90,202	89,920		(473)		(473)		89,447				360	11/25/2046
81746X-AA-4	SEQUOIA MTG TRUST SR 2017-3 CL A1		12/27/2022	PRINCIPAL RECEIPT		336,694	336,694	334,537	334,394		2,300		2,300		336,694				4,859	04/25/2047
81748M-AA-6	SEQUOIA MTG TRUST SR 2020-1 CL A1		12/27/2022	PRINCIPAL RECEIPT		407,717	407,717	417,082	425,989		(18,272)		(18,272)		407,717				5,525	02/25/2050
81748M-AD-0	SEQUOIA MTG TRUST SR 2020-1 CL A4		01/25/2022	PRINCIPAL RECEIPT		68,242	68,242	69,617	68,502		(260)		(260)		68,242				199	02/25/2050
81748K-AA-0	SEQUOIA MTG TRUST SR 2020-2 CL A1		12/25/2022	PRINCIPAL RECEIPT		233,162	233,162	236,660	236,644		(3,482)		(3,482)		233,162				2,663	03/25/2050
86787E-BC-0	SUNTRUST BANK SR NTS		07/18/2022	MORGAN STANLEY SMITH BARNEY LL		154,168	155,000	154,949	154,976		6		6		154,982		(814)	(814)	3,982	04/01/2024
88315L-AS-7	TEXTAINER MARINE ABS 2021-3A CL A		12/27/2022	PRINCIPAL RECEIPT		136,033	136,033	127,994			8,040		8,040		136,033				1,320	08/20/2046
87303*-AA-9	THL CREDIT DL FUND IV REVOLVING NT		12/01/2022	LENDING FUND		753,094	753,094	753,094	753,094						753,094				23,006	07/15/2025
872480-AA-6	TIF FUNDING II LLC SER 20-1A CL A		12/20/2022	PRINCIPAL RECEIPT		80,000	80,000	79,562	79,575		425		425		80,000				899	08/20/2045
872480-AE-8	TIF FUNDING II LLC SER 21-1A CL A		12/20/2022	PRINCIPAL RECEIPT		51,667	51,667	45,403			6,624		6,624		51,667				320	02/20/2046
89680H-AA-0	TRITON CONTAINER FINANCE LLC		12/20/2022	PRINCIPAL RECEIPT		386,573	386,573	375,804	128,076		10,755		10,755		386,573				4,193	09/20/2045
89680H-AE-2	TRITON CONTAINER FINANCE LLC		12/20/2022	PRINCIPAL RECEIPT		388,343	388,343	343,694			44,649		44,649		388,343				2,820	03/20/2046
907818-DR-6	UNION PACIFIC CORPORATION		09/29/2022	MARKET AXESS		1,367,748	1,387,000	1,439,983	1,400,227		(4,538)		(4,538)		1,395,689		(27,940)	(27,940)	57,313	02/15/2024
931142-CB-7	WAL MART STORES INC NOTES		11/18/2022	INC		2,320,615	2,195,000	2,687,338	2,598,666		(20,589)		(20,589)		2,578,071		(257,459)	(257,459)	141,166	09/01/2035
74939K-AA-6	WOODWARD CAPITAL MANAGEMENT ROCK 2		12/25/2022	PRINCIPAL RECEIPT		752,271	752,271	755,797	755,818		(3,547)		(3,547)		752,271				9,089	12/25/2051
74938V-AA-1	WOODWARD CAPITAL MGT SER 21-4 CL A		12/25/2022	PRINCIPAL RECEIPT		4,126,059	4,126,059	4,182,148	4,180,705		(54,646)		(54,646)		4,126,059				37,033	09/25/2051
749384-AA-1	WOODWARD CAPITAL MGT SER 21-5 CL A		12/27/2022	PRINCIPAL RECEIPT		2,039,532	2,039,532	1,992,003	1,172,219		47,530		47,530		2,039,532				19,462	11/25/2051
74938W-AB-7	WOODWARD CAPITAL MGT SER 22-2 CL A		12/25/2022	PRINCIPAL RECEIPT		235,350	235,350	222,590			12,760		12,760		235,350				2,541	02/25/2052
064159-QD-1	BANK OF NOVA SCOTIA	A	03/21/2022	BMO Capital Markets		2,080,247	2,070,000	2,069,027	2,069,701		63		63		2,069,764		10,483	10,483	33,458	01/18/2023
06738E-AS-4	BARCLAYS PLC SR NTS	D	01/10/2022	CALLED		4,645,000	4,645,000	4,727,031	4,645,536		(536)		(536)		4,645,000				85,561	01/10/2023

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 4**

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

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										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 Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	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
361640-NA-2	GE CAPITAL INTL FUNDING CO SR NTS	D	12/02/2022	CALLED @ 93.5810000		1,109,871	1,186,000	1,295,978	1,276,357		(4,672)		(4,672)		1,271,686		(161,815)	(161,815)	54,872	11/15/2035
60687Y-AH-2	MIZUHO FINANCIAL GROUP INC SR NTS	D	02/28/2022	MATURITY		2,350,000	2,350,000	2,312,694	2,348,255		1,745		1,745		2,350,000				34,698	02/28/2022
865622-AW-4	SUMITOMO MITSUI BANKING CORP	D	07/18/2022	MATURITY		3,000,000	3,000,000	3,071,040	3,013,225		(13,225)		(13,225)		3,000,000				96,000	07/18/2022
88315L-AG-3	TEXTAINER MARINE ABS 20-2A CL A	D	12/27/2022	PRINCIPAL RECEIPT		679,364	679,364	680,397	584,243		(895)		(895)		679,364				7,742	09/20/2045
88315L-AL-2	TEXTAINER MARINE ABS 2021-1A CL A	D	12/27/2022	PRINCIPAL RECEIPT		80,000	80,000	68,987			11,013		11,013		80,000				392	02/20/2046
1109999999	Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)					331,038,636	331,916,275	338,715,023	331,996,642		(1,194,758)		(1,194,758)		334,301,348		(3,695,232)	(3,695,232)	6,126,164	XXX
2509999997	Total - Bonds - Part 4					611,217,944	617,340,775	628,666,290	615,939,784		(4,109,891)		(4,109,891)		621,590,637		(10,805,211)	(10,805,211)	11,496,269	XXX
2509999998	Total - Bonds - Part 5					133,010,016	135,134,164	136,833,999			(59,200)		(59,200)		136,774,800		(3,764,784)	(3,764,784)	1,518,975	XXX
2509999999	Total - Bonds					744,227,960	752,474,939	765,500,289	615,939,784		(4,169,091)		(4,169,091)		758,365,437		(14,569,995)	(14,569,995)	13,015,244	XXX
4509999997	Total - Preferred Stocks - Part 4						XXX													XXX
4509999998	Total - Preferred Stocks - Part 5						XXX													XXX
4509999999	Total - Preferred Stocks						XXX													XXX
002824-10-0	ABBOTT LABORATORIES		11/10/2022	VARIOUS		19,148,000	2,143,215	743,054	2,694,890	(1,951,835)			(1,951,835)		743,054		1,400,160	1,400,160	24,459	
00287Y-10-9	ABBYIE INC		11/22/2022	VARIOUS		29,441,000	4,426,612	2,478,105	3,572,258	(1,517,776)			(1,517,776)		2,478,105		1,948,508	1,948,508	36,812	
00724F-10-1	AODBE INC		11/07/2022	VARIOUS		18,635,000	6,591,122	2,555,987	10,567,163	(8,011,176)			(8,011,176)		2,555,987		4,035,136	4,035,136		
009158-10-6	AIR PRODUCTS & CHEMICALS INC		12/08/2022	Sanford C. Bernstein & Co.		10,132,000	3,031,846	2,032,261	3,082,762	(1,050,501)			(1,050,501)		2,032,261		999,585	999,585	48,298	
015271-10-9	ALEXANDRIA REAL ESTATE EQUITIES		11/11/2022	Sanford C. Bernstein & Co.		621,000	113,397	73,785	123,743	(60,503)			(60,503)		73,785		39,612	39,612	716	
02079K-30-5	ALPHABET INC CL A		08/10/2022	VARIOUS		50,511,000	9,355,438	3,932,758	10,971,525	(7,038,767)			(7,038,767)		3,932,758		5,422,681	5,422,681		
02079K-10-7	ALPHABET INC CL C		11/11/2022	Sanford C. Bernstein & Co.		4,529,000	429,113	550,015						550,015		(120,902)	(120,902)			
02209S-10-3	ALTRIA GROUP INC		10/28/2022	VARIOUS		70,518,000	3,623,962	2,793,465	2,914,011	(497,817)			(497,817)		2,793,465		830,497	830,497	73,201	
023135-10-6	AMAZON.COM INC		11/03/2022	VARIOUS		11,037,000	3,179,617	2,963,247	3,316,501	(568,414)			(568,414)		2,963,247		216,370	216,370		
025816-10-9	AMERICAN EXPRESS CO		11/11/2022	VARIOUS		12,289,000	2,067,130	2,009,933	969,657	44,087			44,087		2,009,933		57,196	57,196	11,637	
03027X-10-0	AMERICAN TOWER CORP		11/11/2022	VARIOUS		9,902,000	2,481,902	2,636,209	2,853,045	(248,414)			(248,414)		2,636,209		(154,307)	(154,307)	35,529	
032095-10-1	AMPHENOL CORP		11/22/2022	VARIOUS		38,734,000	2,979,031	1,558,305	3,387,676	(1,829,370)			(1,829,370)		1,558,305		1,420,726	1,420,726	26,221	
037833-10-0	APPLE INC		11/22/2022	VARIOUS		62,927,000	10,089,182	200,876	11,173,947	(10,973,071)			(10,973,071)		200,876		9,888,306	9,888,306	34,726	
060505-10-4	BANK OF AMERICA CORP		10/28/2022	VARIOUS		97,166,000	3,421,787	4,635,829	4,322,915	312,913			312,913		4,635,829		(1,214,041)	(1,214,041)	59,361	
084670-70-2	BERKSHIRE HATHAWAY INC - CL B		04/22/2022	VARIOUS		35,079,000	11,748,525	7,860,831	10,488,621	(2,627,790)			(2,627,790)		7,860,831		3,887,694	3,887,694		
05550J-10-1	BJ S WHOLESALE CLUB HOLDINGS		08/04/2022	VARIOUS		18,319,000	1,250,848	405,949	1,226,823	(820,874)			(820,874)		405,949		844,899	844,899		
09247X-10-1	BLACKROCK INC		11/10/2022	Sanford C. Bernstein & Co.		1,007,000	750,768	591,856						591,856		158,911	158,911			
110122-10-8	BRISTOL-MYERS SQUIBB COMPANY		02/18/2022	Sanford C. Bernstein & Co.		1,448,000	97,771	1,089	90,283	(89,194)			(89,194)		1,089		96,682	96,682	782	
11135F-10-1	BROADCOM INC		09/30/2022	VARIOUS		18,490,000	9,833,748	1,545,007	12,303,431	(10,758,424)			(10,758,424)		1,545,007		8,288,741	8,288,741	114,989	
11133T-10-3	BROADRIDGE FINANCIAL SOLUTIONS		08/16/2022	EVERCORE ISI		4,069,000	726,739	542,169	743,895	(201,725)			(201,725)		542,169		184,570	184,570	7,812	
132152-10-9	CAMBRIDGE BANCORP		08/15/2022	Sanford C. Bernstein & Co.		14,691,000	1,329,205	1,193,850	1,374,931	(181,081)			(181,081)		1,193,850		135,356	135,356	4,350	
159864-10-7	CHARLES RIVER LABORATORIES		11/16/2022	Sanford C. Bernstein & Co.		2,607,000	583,728	936,762	935,168	(31,744)			(31,744)		936,762		(353,034)	(353,034)		
16119P-10-8	CHARTER COMMUNICATIONS INC		11/16/2022	VARIOUS		4,641,000	2,162,573	3,424,405	3,025,793	398,612			398,612		3,424,405		(1,261,831)	(1,261,831)		
166764-10-0	CHEVRON CORPORATION		11/22/2022	Sanford C. Bernstein & Co.		8,493,000	1,431,115	729,941	996,654	(266,712)			(266,712)		729,941		701,174	701,174	27,770	
16679L-10-9	CHEWY INC CLASS A		03/30/2022	Sanford C. Bernstein & Co.		53,159,000	2,241,257	3,177,665	3,134,786	42,879			42,879		3,177,665		(936,408)	(936,408)		
17275R-10-2	CISCO SYSTEMS INC		06/08/2022	VARIOUS		62,307,000	2,852,711	816,222	3,949,395	(3,132,173)			(3,132,173)		816,222		2,036,489	2,036,489	45,547	
125896-10-0	CMS ENERGY CORP		09/16/2022	VARIOUS		27,055,000	1,841,290	1,697,008	1,759,928	(62,920)			(62,920)		1,697,008		144,282	144,282	25,075	
191216-10-0	COCA-COLA CO		11/22/2022	Sanford C. Bernstein & Co.		10,706,000	666,159	682,605						682,605		(16,446)	(16,446)		4,711	
20825C-10-4	CONOCOPHILLIPS		02/16/2022	Co.		1,564,000	142,762	115,144	112,890	2,255			2,255		115,144		27,618	27,618	1,032	
22160K-10-5	COSTCO WHOLESALE CORP		11/22/2022	VARIOUS		1,128,000	589,631	483,085	244,111	(74,917)			(74,917)		483,085		106,547	106,547	1,284	

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 4**

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

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										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 Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	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
235851-10-2	DANAHER CORP		11/10/2022	VARIOUS	4,059,000	1,133,246		856,105	493,844	(282,858)			(282,858)		856,105		277,142	277,142	955	
254709-10-8	DISCOVER FINANCIAL SERVICES		11/04/2022	VARIOUS	64,247,000	6,827,919		3,970,179	7,424,383	(3,454,204)			(3,454,204)		3,970,179		2,857,740	2,857,740	56,841	
254687-10-6	DISNEY WALT CO		08/11/2022	VARIOUS	19,771,000	2,366,472		3,156,043	3,030,268	101,557			101,557		3,156,043		(789,571)	(789,571)		
256677-10-5	DOLLAR GENERAL CORP		10/28/2022	VARIOUS	10,999,000	2,633,799		919,639	2,350,989	(1,684,634)			(1,684,634)		919,639		1,714,160	1,714,160	10,090	
25746U-10-9	DOMINION ENERGY INC		03/03/2022	VARIOUS	29,493,000	2,344,559		2,072,869	2,316,970	(244,101)			(244,101)		2,072,869		271,690	271,690	11,800	
25754A-20-1	DOMINO S PIZZA INC		07/07/2022	VARIOUS	3,111,000	1,271,942		1,170,341	1,755,631	(585,289)			(585,289)		1,170,341		101,601	101,601	5,610	
28176E-10-8	EDWARDS LIFESCIENCES CORP		11/02/2022	Sanford C. Bernstein & Co.	56,366,000	5,382,469		4,759,136	7,302,215	(2,543,079)			(2,543,079)		4,759,136		623,333	623,333		
285512-10-9	ELECTRONIC ARTS INC		06/10/2022	VARIOUS	56,230,000	7,477,524		4,532,068	7,416,737	(2,884,669)			(2,884,669)		4,532,068		2,945,456	2,945,456	10,709	
532457-10-8	ELI LILLY & CO		03/29/2022	VARIOUS	7,164,000	2,029,562		1,798,968	261,857	(66,875)			(66,875)		1,798,968		230,594	230,594	929	
29444U-70-0	EQUINIX INC		11/22/2022	Sanford C. Bernstein & Co.	859,000	561,430		479,805							479,805		81,626	81,626	2,663	
518439-10-4	ESTEE LAUDER COMPANIES CL A		11/16/2022	Sanford C. Bernstein & Co.	10,620,000	2,367,473		2,057,419	3,931,524	(1,874,105)			(1,874,105)		2,057,419		310,054	310,054	19,116	
30034W-10-6	EVERGY INC		09/23/2022	VARIOUS	24,822,000	1,710,573		1,599,152	1,290,211	(104,266)			(104,266)		1,599,152		111,421	111,421	17,474	
30049A-10-7	EVOLUTION PETROLEUM CORP		09/12/2022	VARIOUS	1,036,926,000	6,722,934		2,773,968	5,236,476	(2,462,508)			(2,462,508)		2,773,968		3,948,966	3,948,966	135,307	
30231G-10-2	EXXON MOBIL CORPORATION		10/28/2022	VARIOUS	21,266,000	2,114,008		1,318,123	1,301,267	16,856			16,856		1,318,123		795,885	795,885	46,158	
30303M-10-2	FACEBOOK INC		08/04/2022	VARIOUS	16,228,000	3,299,451		2,134,201	5,458,288	(3,324,087)			(3,324,087)		2,134,201		1,165,250	1,165,250		
384109-10-4	GRACO INC		03/22/2022	VARIOUS	63,657,000	4,600,435		4,830,491	5,132,027	(301,537)			(301,537)		4,830,491		(230,056)	(230,056)	13,368	
43300A-20-3	HILTON WORLDWIDE HOLDINGS		11/10/2022	VARIOUS	39,638,000	5,951,227		5,283,466	6,183,132	(899,665)			(899,665)		5,283,466		667,761	667,761	450	
437076-10-2	HOME DEPOT INC		11/08/2022	VARIOUS	5,715,000	1,789,230		432,631	2,371,782	(1,939,151)			(1,939,151)		432,631		1,356,599	1,356,599	20,212	
438516-10-6	HONEYWELL INTERNATIONAL INC		07/28/2022	Sanford C. Bernstein & Co.	16,331,000	3,102,546		3,586,591	3,405,177	181,415			181,415		3,586,591		(484,045)	(484,045)	32,009	
444859-10-2	HUMANA INC		02/08/2022	VARIOUS	12,276,000	4,688,965		4,713,081	5,694,345	(981,265)			(981,265)		4,713,081		(24,116)	(24,116)	8,593	
45167R-10-4	IDEX CORP		12/01/2022	VARIOUS	22,048,000	5,006,874		3,480,710	5,210,383	(1,729,673)			(1,729,673)		3,480,710		1,526,164	1,526,164	32,296	
81369Y-70-4	INDUSTRIAL SELECT SECTOR SPDR		11/08/2022	VARIOUS	36,078,000	3,464,714		3,780,264							3,780,264		(315,549)	(315,549)	19,224	
461202-10-3	INTUIT INC		10/28/2022	VARIOUS	7,291,000	3,200,295		2,437,511	3,941,009	(2,010,918)			(2,010,918)		2,437,511		762,784	762,784	11,081	
46120E-60-2	INTUITIVE SURGICAL INC		11/11/2022	Sanford C. Bernstein & Co.	8,333,000	2,159,051		512,686	2,994,047	(2,481,361)			(2,481,361)		512,686		1,646,365	1,646,365		
46187W-10-7	INVITATION HOMES INC		11/11/2022	VARIOUS	20,525,000	745,779		917,572							917,572		(171,793)	(171,793)	11,550	
478160-10-4	JOHNSON & JOHNSON		05/27/2022	VARIOUS	8,305,000	1,484,585		421,230	1,420,736	(999,507)			(999,507)		421,230		1,063,355	1,063,355	14,155	
46625H-10-0	JP MORGAN CHASE & CO		11/10/2022	VARIOUS	22,775,000	3,368,493		15,281	3,606,421	(3,591,140)			(3,591,140)		15,281		3,353,212	3,353,212	46,616	
482480-10-0	KLA-TENCOR CORPORATION		11/18/2022	Sanford C. Bernstein & Co.	1,058,000	398,746		332,000							332,000		66,746	66,746	2,751	
512807-10-8	LAM RESEARCH CORPORATION		11/18/2022	VARIOUS	8,848,000	4,093,235		3,133,410	6,363,039	(3,229,629)			(3,229,629)		3,133,410		959,825	959,825	51,543	
57060D-10-8	MARKETAXESS HOLDINGS INC		11/14/2022	VARIOUS	13,956,000	4,254,956		5,669,550	5,739,684	1,300,673	1,370,907		(70,134)		5,669,550		(1,414,593)	(1,414,593)	22,371	
573284-10-6	MARTIN MARIETTA MATERIALS		11/10/2022	VARIOUS	5,228,000	2,045,865		1,825,489	1,769,128	(328,733)			(328,733)		1,825,489		220,376	220,376	2,278	
57636Q-10-4	MASTERCARD INC CLASS A		11/22/2022	VARIOUS	15,117,000	5,362,346		5,064,466	5,431,840	(367,374)			(367,374)		5,064,466		297,880	297,880	17,680	
57667L-10-7	MATCH GROUP INC		08/05/2022	Sanford C. Bernstein & Co.	22,049,000	1,463,553		2,298,542	2,915,980	(617,439)			(617,439)		2,298,542		(834,988)	(834,988)		
580135-10-1	MCDONALDS CORPORATION		05/27/2022	VARIOUS	8,749,000	2,195,293		224,437	2,345,344	(2,120,907)			(2,120,907)		224,437		1,970,856	1,970,856	10,964	
58933Y-10-5	MERCK & CO INC		12/08/2022	VARIOUS	51,356,000	4,941,171		59,822	3,935,924	(3,876,102)			(3,876,102)		59,822		4,881,349	4,881,349	131,239	
594918-10-4	MICROSOFT CORP		11/16/2022	VARIOUS	30,631,000	8,827,078		1,134,160	9,684,671	(8,988,671)			(8,988,671)		1,134,160		7,692,918	7,692,918	26,400	
61174X-10-9	MONSTER BEVERAGE CORP		07/13/2022	VARIOUS	78,708,000	6,982,710		5,787,746	7,559,116	(1,771,370)			(1,771,370)		5,787,746		1,194,964	1,194,964		
617446-44-8	MORGAN STANLEY		11/10/2022	VARIOUS	35,767,000	3,254,383		3,433,391	3,510,889	(77,498)			(77,498)		3,433,391		(179,008)	(179,008)	72,364	
620076-30-7	MOTOROLA SOLUTIONS INC		03/17/2022	VARIOUS	12,932,000	2,932,806		1,354,779	3,513,624	(2,158,845)			(2,158,845)		1,354,779		1,578,027	1,578,027	19,921	
65339F-10-1	NEXTERA ENERGY INC		10/28/2022	VARIOUS	19,914,000	1,646,337		1,463,219	1,859,171	(395,952)			(395,952)		1,463,219		183,118	183,118	19,934	
654106-10-3	NIKE INC		11/14/2022	Sanford C. Bernstein & Co.	5,238,000	654,459		760,047							760,047		(105,589)	(105,589)	2,539	
65473P-10-5	NISOURCE INC		11/08/2022	VARIOUS	86,417,000	2,461,692		2,157,919	1,930,712	(229,686)			(229,686)		2,157,919		303,773	303,773	28,682	
67066G-10-4	NVIDIA CORP		11/22/2022	Sanford C. Bernstein & Co.	13,842,000	2,409,542		4,503,868	4,071,071	432,798			432,798		4,503,868		(2,094,326)	(2,094,326)	1,365	
67103H-10-7	O'REILLY AUTOMOTIVE INC		11/22/2022	VARIOUS	2,551,000	2,015,287		774,692	1,801,593	(1,026,900)			(1,026,900)		774,692		1,240,594	1,240,594		

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 4**

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

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21
										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 Book/ Adjusted Carrying Value (11+12-13)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	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
68902V-10-7	OTIS WORLDWIDE CORP		11/11/2022	VARIOUS	67,788.000	5,621,301		4,158,141	5,902,301	(1,744,160)			(1,744,160)		4,158,141		1,463,160	1,463,160		8,745
70450Y-10-3	PAYPAL HOLDINGS INC		11/14/2022	Sanford C. Bernstein & Co.	27,608.000	2,493,462		388,014	5,206,317	(4,818,303)			(4,818,303)		388,014		2,105,448	2,105,448		
718172-10-9	PHILIP MORRIS INTERNATIONAL INC		02/16/2022	VARIOUS	18,470.000	1,937,534		1,850,157	1,754,650	95,507			95,507		1,850,157		87,378	87,378		23,088
742718-10-9	PROCTER & GAMBLE CO		11/22/2022	VARIOUS	10,998.000	1,738,800		1,056,791	1,798,562	(742,174)			(742,174)		1,056,791		682,008	682,008		9,566
74340W-10-3	PROLOGIS INC		11/11/2022	Sanford C. Bernstein & Co.	10,701.000	1,595,631		670,908	1,654,979	(1,088,229)			(1,088,229)		670,908		924,723	924,723		1,376
75513E-10-1	RAYTHEON TECHNOLOGIES CORP		02/16/2022	VARIOUS	3,145.000	298,417		281,070	270,659	10,411			10,411		281,070		17,347	17,347		
75886F-10-7	REGENERON PHARMACEUTICALS		10/28/2022	VARIOUS	2,093.000	1,516,578		880,683	1,321,771	(441,088)			(441,088)		880,683		635,895	635,895		
773903-10-9	ROCKWELL AUTOMATION INC		09/12/2022	EVERCORE ISI	2,634.000	670,510		771,991							771,991		(101,480)	(101,480)		8,850
776696-10-6	ROPER TECHNOLOGIES INC		11/14/2022	VARIOUS	12,098.000	5,248,231		4,564,272	5,950,522	(1,386,250)			(1,386,250)		4,564,272		683,959	683,959		17,960
78409V-10-4	S&P GLOBAL INC		08/11/2022	VARIOUS	3,791.000	1,417,281		1,250,214	1,789,087	(538,873)			(538,873)		1,250,214		167,067	167,067		5,393
79466L-30-2	SALESFORCE.COM INC		08/04/2022	VARIOUS	7,295.000	1,357,572		1,538,706							1,538,706		(181,134)	(181,134)		
808513-10-5	SCHWAB (CHARLES) CORP		11/22/2022	VARIOUS	41,550.000	3,194,072		3,399,663	3,494,355	(94,692)			(94,692)		3,399,663		(205,590)	(205,590)		25,086
816851-10-9	SEMPRA ENERGY		09/23/2022	VARIOUS	10,577.000	1,723,495		1,505,412	1,287,084	98,099			98,099		1,505,412		218,083	218,083		20,802
824348-10-6	SHERWIN WILLIAMS COMPANY		11/03/2022	VARIOUS	6,288.000	1,728,872		1,408,316	2,051,684	(744,130)			(744,130)		1,408,316		320,556	320,556		4,945
861025-10-4	STOCK YARDS BANCORP INC		06/01/2022	Sanford C. Bernstein & Co.	70,638.000	4,045,389		1,971,587	4,512,355	(2,540,769)			(2,540,769)		1,971,587		2,073,802	2,073,802		16,243
866674-10-4	SUN COMMUNITIES INC		11/11/2022	VARIOUS	3,847.000	616,868		510,943	807,755	(296,812)			(296,812)		510,943		105,925	105,925		10,188
88160R-10-1	TESLA INC		08/12/2022	VARIOUS	2,295.000	2,041,814		1,667,755	2,425,310	(757,555)			(757,555)		1,667,755		374,059	374,059		
882508-10-4	TEXAS INSTRUMENTS INC		11/22/2022	VARIOUS	21,312.000	3,730,308		2,500,160	4,016,673	(1,516,512)			(1,516,512)		2,500,160		1,230,147	1,230,147		52,972
872540-10-9	TJX COMPANIES INC		12/01/2022	VARIOUS	106,094.000	7,113,312		6,089,552	8,054,656	(1,965,105)			(1,965,105)		6,089,552		1,023,761	1,023,761		61,809
907818-10-8	UNION PACIFIC CORP		02/16/2022	Sanford C. Bernstein & Co.	746.000	188,732		337	187,940	(187,603)			(187,603)		337		188,396	188,396		
911312-10-6	UNITED PARCEL SERVICE INC		08/02/2022	VARIOUS	24,969.000	5,163,071		4,856,283	5,351,855	(495,572)			(495,572)		4,856,283		306,788	306,788		12,516
91324P-10-2	UNITEDHEALTH GROUP INC		08/11/2022	VARIOUS	2,059.000	1,072,312		621,281	1,033,906	(412,625)			(412,625)		621,281		451,031	451,031		4,182
918790-10-9	VAIL RESORTS INC		11/14/2022	VARIOUS	8,178.000	2,014,347		2,373,865	2,681,566	(307,702)		277,638	(307,702)		2,373,865		(359,518)	(359,518)		38,154
922908-36-3	VANGUARD 500 INDEX FUND ETF SHARES		03/29/2022	VARIOUS	89,355.000	37,151,981		35,163,426	39,009,712	(3,846,286)			(3,846,286)		35,163,426		1,988,555	1,988,555		122,747
92345Y-10-6	VERISK ANALYTICS INC		03/24/2022	JEFFERIES & COMPANY	15,840.000	3,290,232		2,365,069	3,623,083	(1,258,014)			(1,258,014)		2,365,069		925,163	925,163		4,910
92826C-83-9	VISA INC CLASS A SHARES		11/10/2022	VARIOUS	22,761.000	4,895,178		4,860,650	4,932,536	(71,886)			(71,886)		4,860,650		34,528	34,528		12,669
929160-10-9	VULCAN MATERIALS CO		09/23/2022	VARIOUS	13,143.000	2,105,791		1,576,582	2,728,224	(1,151,642)			(1,151,642)		1,576,582		529,209	529,209		14,215
94106L-10-9	WASTE MANAGEMENT INC		08/03/2022	VARIOUS	28,801.000	4,492,003		3,146,352	4,806,887	(1,660,535)			(1,660,535)		3,146,352		1,345,641	1,345,641		15,109
G1151C-10-1	ACCENTURE PLC	C.	08/11/2022	VARIOUS	8,848.000	2,965,040		1,379,694	3,667,938	(2,288,245)			(2,288,245)		1,379,694		1,585,347	1,585,347		12,555
H01301-12-8	ALCON INC	C.	07/29/2022	VARIOUS	11,459.000	886,735		752,546	962,937	(237,433)			(237,433)		752,546		134,189	134,189		
96095L-10-9	APTIV PLC	C.	11/10/2022	VARIOUS	12,046.000	1,295,384		1,839,109	1,982,534	(145,906)			(145,906)		1,839,109		(543,725)	(543,725)		
G4705A-10-0	ICON PLC	C.	07/29/2022	EVERCORE ISI	1,796.000	435,210		414,952							414,952		20,257	20,257		
780259-30-5	SHELL PLC	C.	06/28/2022	VARIOUS	75,370.000	4,038,230		2,290,960	3,267,290	(976,330)			(976,330)		2,290,960		1,747,271	1,747,271		38,929
98473T-10-0	STERIS PLC	C.	04/22/2022	Sanford C. Bernstein & Co.	11,116.000	2,620,372		2,120,877	2,705,746	(584,868)			(584,868)		2,120,877		499,495	499,495		4,780
5019999999. Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Publicly Traded						356,631,263	XXX	257,580,802	381,538,181	(140,612,795)			1,648,445	(142,261,240)	257,580,802		99,050,462	99,050,462	2,069,338	XXX
31338#-10-4	FEDERAL HOME LOAN BANK OF BOSTON		04/26/2022	Federal Home Loan Bank of Bost	2,525.000	252,500		252,500	252,500						252,500					
5029999999. Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Other						252,500	XXX	252,500	252,500						252,500					XXX
044820-73-6	ASHMORE EMRG MKS FRONTI EQUITY FUND		01/05/2022	ASHMORE GROUP	250,540.739	2,838,627		2,135,501	2,858,670	(723,168)			(723,168)		2,135,501		703,125	703,125		
316146-33-1	FIDELITY EM MKT INDX INS PRM		01/11/2022	FIDELITY INVESTMENTS	3,791,575.670	46,302,367		36,424,802	45,840,150	(9,415,348)			(9,415,348)		36,424,802		9,877,565	9,877,565		
31635V-63-8	FIDELITY TOTAL INTL IND FD INS PRM		10/31/2022	FIDELITY INVESTMENTS	13,654,643.151	156,160,814		150,358,466	195,807,583	(45,449,116)			(45,449,116)		150,358,466		5,802,348	5,802,348		
46432F-83-4	ISHARES CORE MSCI TOTAL INTL ETF		10/13/2022	VARIOUS	2,880,676.000	198,088,128		208,158,781	183,195,456	6,319,852			6,319,852		208,158,781		(10,070,653)	(10,070,653)		509,769
61760X-83-6	MORGAN STANLEY FRONTIER EMRG MKTS		01/05/2022	MORGAN STANLEY & CO. INC.	126,736.133	2,727,362		2,001,209	2,849,028	(847,819)			(847,819)		2,001,209		726,153	726,153		
969251-68-5	WILLIAM BLAIR INTL LEAD-R6		08/05/2022	WILLIAM BLAIR & CO	108,932.462	2,000,000		2,564,270							2,564,270		(564,270)	(564,270)		

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 4**

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

1 CUSIP Identi- fication	2 Description	3 For- eign	4 Disposal Date	5 Name of Purchaser	6 Number of Shares of Stock	7 Con- sideration	8 Par Value	9 Actual Cost	10 Prior Year Book/ Adjusted Carrying Value	Change In Book/Adjusted Carrying Value					16 Book/ Adjusted Carrying Value at Disposal Date	17 Foreign Exchange Gain (Loss) on Disposal	18 Realized Gain (Loss) on Disposal	19 Total Gain (Loss) on Disposal	20 Bond Interest/ Stock Dividends Received During Year	21 Stated Con- tractual Maturity Date
										11 Unrealized Valuation Increase/ Decrease	12 Current Year's (Amor- tization)/ Accretion	13 Current Year's Other- Than- Temporary Impairment Recognized	14 Total Change in Book/ Adjusted Carrying Value (11+12-13)	15 Total Foreign Exchange Change in Book/ Adjusted Carrying Value						
532999999	Subtotal - Common Stocks - Mutual Funds - Designations Not Assigned by the SVO					408,117,298	XXX	401,643,029	430,550,887	(50,115,599)			(50,115,599)		401,643,029		6,474,268	6,474,268	509,769	XXX
598999997	Total - Common Stocks - Part 4					765,001,061	XXX	659,476,331	812,341,568	(190,728,394)		1,648,445	(192,376,839)		659,476,331		105,524,730	105,524,730	2,579,107	XXX
598999998	Total - Common Stocks - Part 5					108,580,169	XXX	115,725,259							115,725,259		(7,145,090)	(7,145,090)	562,046	XXX
598999999	Total - Common Stocks					873,581,230	XXX	775,201,590	812,341,568	(190,728,394)		1,648,445	(192,376,839)		775,201,590		98,379,640	98,379,640	3,141,153	XXX
599999999	Total - Preferred and Common Stocks					873,581,230	XXX	775,201,590	812,341,568	(190,728,394)		1,648,445	(192,376,839)		775,201,590		98,379,640	98,379,640	3,141,153	XXX
600999999	Totals					1,617,809,190	XXX	1,540,701,879	1,428,281,352	(190,728,394)	(4,169,091)	1,648,445	(196,545,930)		1,533,567,027		83,809,645	83,809,645	16,156,397	XXX

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 5**

Showing All Long-Term Bonds and Stocks ACQUIRED During Year and Fully DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	11	Change in Book/Adjusted Carrying Value					17	18	19	20	21			
											12	13	14	15	16								
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Disposal Date	Name of Purchaser	Par Value (Bonds) or Number of Shares (Stock)	Actual Cost	Consideration	Book/ Adjusted Carrying Value at Disposal	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Valu (12 + 13 - 14)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Interest and Dividends Received During Year	Paid for Accrued Interest and Dividends			
912810-QL-5	U S TREASURY BONDS		12/14/2022	BMO Capital Markets GKST, Inc.	12/14/2022	MORGAN STANLEY SMITH BARNEY LL	3,350,000	3,613,813	3,615,383	3,613,813							1,570	1,570	11,799	11,799			
0109999999. Subtotal - Bonds - U.S. Governments																1,570	1,570	11,799	11,799				
34074M-A6-8	FLORIDA HSG FIN REV 2022 SER 2		05/18/2022	MORGAN STANLEY SMITH BARNEY LLC	12/05/2022	RAYMOND JAMES & ASSOC.	8,000,000	8,457,520	8,347,360	8,434,808		(22,712)		(22,712)			(87,448)	(87,448)	200,000				
01F022-62-6	FNMA 2.5% TBA 30 YR		01/07/2022	DAIWA CAPITAL MARKETS	02/09/2022	DAIWA CAPITAL MARKETS	8,625,000	8,669,136	8,530,664	8,669,136							(138,472)	(138,472)	7,786	7,786			
01F022-63-4	FNMA 2.5% TBA 30 YR		02/17/2022	DAIWA CAPITAL MARKETS	02/24/2022	DAIWA CAPITAL MARKETS	17,925,000	17,610,023	17,513,285	17,610,023							(96,738)	(96,738)	16,182	16,182			
01F030-63-7	FNMA 3.0% TBA 30 YR		01/24/2022	DAIWA CAPITAL MARKETS	03/09/2022	DAIWA CAPITAL MARKETS	27,630,000	28,206,346	27,699,075	28,206,346							(507,270)	(507,270)	29,933	29,933			
31320W-DK-6	FREDDIE MAC POOL #SD8206		03/09/2022	DAIWA CAPITAL MARKETS	10/25/2022	VARIOUS	27,630,000	27,707,709	24,948,892	27,703,127		(4,583)		(4,583)			(2,754,235)	(2,754,235)	486,231	29,933			
67756Q-X5-1	OHIO ST HSG FIN AGY REV 2022 SER B		05/20/2022	J.P. MORGAN SECURITIES	12/05/2022	RAYMOND JAMES & ASSOC.	10,000,000	10,555,500	10,393,300	10,526,096		(29,404)		(29,404)			(132,796)	(132,796)	230,556				
0909999999. Subtotal - Bonds - U.S. Special Revenues																(56,699)		(56,699)		(3,716,959)	(3,716,959)	970,688	83,834
46671F-AA-5	HENDERSON MTG SER 2021-A CL A		11/07/2022	J.G. WENTWORTH	12/16/2022	J.G. WENTWORTH	30,524,164	30,524,164	30,524,164	30,524,164									525,412				
46625H-KC-3	JPMORGAN CHASE & CO NOTES		02/10/2022	BANK OF AMERICA SECURITIE	04/19/2022	MARKET AXESS	1,450,000	1,489,788	1,437,893	1,487,287		(2,501)		(2,501)			(49,395)	(49,395)	11,076	2,643			
1109999999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)																(2,501)		(2,501)		(49,395)	(49,395)	536,488	2,643
2509999998. Total - Bonds																(59,200)		(59,200)		(3,764,784)	(3,764,784)	1,518,975	98,276
4509999998. Total - Preferred Stocks																							
002824-10-0	ABBOTT LABORATORIES		09/27/2022	VARIOUS	11/10/2022	Sanford C. Bernstein & Co.	9,503,000	943,674	979,281	943,674							35,607	35,607	4,466				
00287Y-10-9	ABBVIE INC		09/07/2022	EVERCORE ISI	11/22/2022	Sanford C. Bernstein & Co.	5,357,000	742,737	851,503	742,737							108,766	108,766	7,553				
00724F-10-1	ADOBE INC		08/26/2022	VARIOUS	10/27/2022	VARIOUS	5,190,000	2,508,987	2,064,835	2,508,987							(444,152)	(444,152)					
009158-10-6	AIR PRODUCTS & CHEMICALS INC		08/26/2022	VARIOUS	11/22/2022	Sanford C. Bernstein & Co.	5,956,000	1,386,021	1,677,044	1,386,021							291,023	291,023	9,867				
015271-10-9	ALEXANDRIA REAL ESTATE EQUITIES		05/02/2022	EVERCORE ISI	11/11/2022	Sanford C. Bernstein & Co.	2,200,000	383,667	332,353	383,667							(51,314)	(51,314)	5,192				
02079K-10-7	ALPHABET INC CL C		03/01/2022	Sanford C. Bernstein & Co.	11/11/2022	VARIOUS	16,020,000	2,152,306	1,515,702	2,152,306							(636,604)	(636,604)					
02209S-10-3	ALTRIA GROUP INC		09/20/2022	Sanford C. Bernstein & Co.	10/28/2022	EVERCORE ISI	7,972,000	341,785	369,892	341,785							28,106	28,106					
023135-10-6	AMAZON.COM INC		10/03/2022	VARIOUS	11/03/2022	VARIOUS	13,541,000	2,531,554	2,543,014	2,531,554							11,460	11,460					
032095-10-1	AMPHENOL CORP		04/26/2022	Sanford C. Bernstein & Co.	08/02/2022	VARIOUS	10,886,000	749,685	740,088	749,685							(9,597)	(9,597)	2,177				
060505-10-4	BANK OF AMERICA CORP		07/14/2022	VARIOUS	11/01/2022	Sanford C. Bernstein & Co.	59,663,000	1,928,654	2,165,915	1,928,654							237,262	237,262	17,326				
05550J-10-1	BJ S WHOLESALE CLUB HOLDINGS		05/20/2022	Sanford C. Bernstein & Co.	07/22/2022	VARIOUS	19,733,000	1,111,695	1,345,467	1,111,695							233,772	233,772					
09247X-10-1	BLACKROCK INC		09/23/2022	VARIOUS	11/10/2022	VARIOUS	8,568,000	5,704,183	5,936,811	5,704,183							232,628	232,628	61,747				
100557-10-7	BOSTON BEER COMPANY INC		10/11/2022	VARIOUS	10/24/2022	Sanford C. Bernstein & Co.	6,381,000	2,151,317	2,581,083	2,151,317							429,766	429,766					
11133T-10-3	BROADRIDGE FINANCIAL Solutio		04/26/2022	Sanford C. Bernstein & Co.	08/16/2022	VARIOUS	11,694,000	1,771,404	1,862,134	1,771,404							90,729	90,729	11,708				
132152-10-9	CAMBRIDGE BANCORP		03/16/2022	Sanford C. Bernstein & Co.	08/15/2022	Sanford C. Bernstein & Co.	8,100,000	683,770	673,688	683,770							(10,082)	(10,082)	10,368				
159864-10-7	CHARLES RIVER LABORATORIES		03/03/2022	VARIOUS	11/16/2022	Sanford C. Bernstein & Co.	7,734,000	2,323,748	1,825,640	2,323,748							(498,108)	(498,108)					
166764-10-0	CHEVRON CORPORATION		08/26/2022	VARIOUS	11/08/2022	Sanford C. Bernstein & Co.	3,718,000	577,226	689,765	577,226							112,539	112,539	2,621				
16679L-10-9	CHEWY INC CLASS A		01/05/2022	WILLIAM BLAIR & CO	03/30/2022	Sanford C. Bernstein & Co.	24,223,000	1,330,211	1,021,275	1,330,211							(308,936)	(308,936)					
125896-10-0	CMS ENERGY CORP		06/17/2022	ALEX BROWN & SONS	09/16/2022	EVERCORE ISI	6,715,000	408,522	449,073	408,522							40,551	40,551	3,089				
22160K-10-5	COSTCO WHOLESALE CORP		10/24/2022	VARIOUS	11/22/2022	VARIOUS	7,146,000	3,495,108	3,865,524	3,495,108							370,416	370,416	14,093				
235851-10-2	DANAHER CORP		09/29/2022	VARIOUS	11/10/2022	VARIOUS	12,435,000	3,340,752	3,242,669	3,340,752							(98,083)	(98,083)	10,743				
81369Y-50-6	ENERGY SELECT SECTOR SPDR FUND		08/24/2022	Sanford C. Bernstein & Co.	11/21/2022	Sanford C. Bernstein & Co.	29,533,000	2,325,705	2,630,792	2,325,705							305,067	305,067	45,311				
29444J-70-0	EQUINIX INC		03/02/2022	VARIOUS	11/22/2022	VARIOUS	1,975,000	1,411,110	1,327,670	1,411,110							(83,440)	(83,440)	16,464				
518439-10-4	ESTEE LAUDER COMPANIES CL A		09/29/2022	VARIOUS	11/16/2022	VARIOUS	11,239,000	2,981,464	2,461,540	2,981,464							(519,923)	(519,923)	12,156				
30034W-10-6	EVERGY INC		08/24/2022	Sanford C. Bernstein & Co.	09/23/2022	EVERCORE ISI	4,157,000	291,910	268,770	291,910							(23,139)	(23,139)					

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 5**

Showing All Long-Term Bonds and Stocks ACQUIRED During Year and Fully DISPOSED OF During Current Year

1	2	3	4	5	6	7	8	9	10	11	Change in Book/Adjusted Carrying Value					17	18	19	20	21	
											12	13	14	15	16						
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Disposal Date	Name of Purchaser	Par Value (Bonds) or Number of Shares (Stock)	Actual Cost	Consideration	Book/ Adjusted Carrying Value at Disposal	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other-Than-Temporary Impairment Recognized	Total Change in Book/ Adjusted Carrying Valu (12 + 13 - 14)	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Interest and Dividends Received During Year	Paid for Accrued Interest and Dividends	
302190-10-6	EXPENSIFY INC A COMMON STOCK		08/24/2022	MORGAN STANLEY SMITH BARNEY LLC	11/30/2022	Sanford C. Bernstein & Co.	646,143.000	14,589,909	9,044,044	14,589,909							(5,545,865)	(5,545,865)			
302316-10-2	EXXON MOBIL CORPORATION		05/03/2022	Sanford C. Bernstein & Co.	09/12/2022	EVERCORE ISI	6,034.000	522,164	591,011	522,164							68,847	68,847	10,620		
81369Y-60-5	FINANCIAL SELECT SECTOR SPDR		02/09/2022	EVERCORE ISI	07/01/2022	VARIOUS	173,181.000	7,073,742	5,776,645	7,073,742							(1,297,097)	(1,297,097)	37,100		
43300A-20-3	HILTON WORLDWIDE HOLDINGS		09/07/2022	VARIOUS	11/10/2022	Sanford C. Bernstein & Co.	6,049.000	796,999	825,546	796,999							28,547	28,547			
437076-10-2	HOME DEPOT INC		05/09/2022	Sanford C. Bernstein & Co.	08/03/2022	ALEX BROWN & SONS	1,293.000	379,820	395,409	379,820							15,589	15,589	2,457		
45167R-10-4	IDEX CORP		05/05/2022	VARIOUS	11/10/2022	VARIOUS	10,288.000	1,950,819	2,215,712	1,950,819							264,893	264,893	14,490		
46120E-60-2	INTUITIVE SURGICAL INC		06/16/2022	WILLIAM BLAIR & CO	08/01/2022	Sanford C. Bernstein & Co.	1,755.000	335,521	402,602	335,521							67,081	67,081			
46625H-10-0	JP MORGAN CHASE & CO		10/11/2022	Sanford C. Bernstein & Co.	11/03/2022	VARIOUS	31,425.000	3,985,599	3,810,306	3,985,599							(175,293)	(175,293)	59,242		
482490-10-0	KLA-TENCOR CORPORATION		09/20/2022	Sanford C. Bernstein & Co.	11/18/2022	Co.	2,331.000	814,623	878,522	814,623							63,899	63,899	3,030		
512807-10-8	LAM RESEARCH CORPORATION		09/30/2022	VARIOUS	11/04/2022	VARIOUS	8,018.000	3,701,752	3,652,814	3,701,752							(48,938)	(48,938)	10,974		
57060D-10-8	MARKETAXESS HOLDINGS INC		09/20/2022	Sanford C. Bernstein & Co.	11/14/2022	Co.	1,614.000	379,052	434,686	379,052							55,634	55,634	1,130		
573284-10-6	MARTIN MARIETTA MATERIALS		06/10/2022	VARIOUS	11/10/2022	VARIOUS	6,130.000	2,039,749	2,149,653	2,039,749							109,904	109,904	6,510		
57636Q-10-4	MASTERCARD INC CLASS A		09/23/2022	Sanford C. Bernstein & Co.	11/10/2022	Sanford C. Bernstein & Co.	1,092.000	319,850	340,098	319,850							20,248	20,248	535		
57667L-10-7	MATCH GROUP INC		02/09/2022	Sanford C. Bernstein & Co.	08/04/2022	Co.	21,181.000	2,592,644	1,541,063	2,592,644							(1,051,581)	(1,051,581)			
81369Y-10-0	MATERIALS SELECT SECTOR SPDR		01/11/2022	Sanford C. Bernstein & Co.	08/01/2022	Co.	26,525.000	2,339,810	2,053,434	2,339,810							(286,376)	(286,376)	22,204		
58933Y-10-5	MERCK & CO INC		03/03/2022	Sanford C. Bernstein & Co.	08/11/2022	EVERCORE ISI	12,184.000	940,077	1,125,127	940,077							185,049	185,049	8,682		
594918-10-4	MICROSOFT CORP		10/07/2022	VARIOUS	11/16/2022	VARIOUS	11,625.000	2,919,421	2,904,419	2,919,421							(15,002)	(15,002)	4,793		
61174X-10-9	MONSTER BEVERAGE CORP		03/08/2022	Sanford C. Bernstein & Co.	05/16/2022	EVERCORE ISI	811.000	61,079	72,306	61,079							11,227	11,227			
65339F-10-1	NEXTERA ENERGY INC		04/29/2022	VARIOUS	10/28/2022	VARIOUS	43,971.000	3,245,788	3,727,304	3,245,788							481,516	481,516	38,771		
65473P-10-5	NISOURCE INC		08/26/2022	VARIOUS	11/08/2022	VARIOUS	38,601.000	1,175,799	1,030,224	1,175,799							(145,575)	(145,575)	5,967		
67103H-10-7	O'REILLY AUTOMOTIVE INC		05/20/2022	VARIOUS	10/28/2022	VARIOUS	2,038.000	1,174,457	1,510,954	1,174,457							336,496	336,496			
742718-10-9	PROCTER & GAMBLE CO		08/31/2022	VARIOUS	11/22/2022	VARIOUS	16,032.000	2,281,130	2,322,334	2,281,130							41,204	41,204	18,569		
74340W-10-3	PROLOGIS INC		08/26/2022	Sanford C. Bernstein & Co.	11/11/2022	Sanford C. Bernstein & Co.	8,480.000	1,134,614	910,599	1,134,614							(224,016)	(224,016)	8,799		
81369Y-86-0	REAL ESTATE SELECT SECTOR SPDR		01/11/2022	VARIOUS	07/07/2022	VARIOUS	76,964.000	3,828,072	3,503,631	3,828,072							(324,440)	(324,440)	24,396		
75886F-10-7	REGENERON PHARMACEUTICALS		08/26/2022	Sanford C. Bernstein & Co.	10/28/2022	EVERCORE ISI	553.000	331,822	414,847	331,822							83,025	83,025			
78409V-10-4	S&P GLOBAL INC		05/09/2022	Sanford C. Bernstein & Co.	07/08/2022	JEFFERIES & COMPANY	1,107.000	376,674	390,304	376,674							13,630	13,630	941		
816851-10-9	SEMPRA ENERGY		06/22/2022	EVERCORE ISI	09/23/2022	EVERCORE ISI	3,029.000	434,995	486,585	434,995							51,591	51,591	6,936		
824348-10-6	SHERWIN WILLIAMS COMPANY		08/24/2022	Sanford C. Bernstein & Co.	11/03/2022	Co.	2,711.000	658,058	582,970	658,058							(75,088)	(75,088)			
866674-10-4	SUN COMMUNITIES INC		03/07/2022	Sanford C. Bernstein & Co.	08/11/2022	EVERCORE ISI	2,978.000	529,114	503,411	529,114							(25,703)	(25,703)	5,241		
88160R-10-1	TESLA INC		03/10/2022	Sanford C. Bernstein & Co.	07/07/2022	VARIOUS	919.000	763,421	675,121	763,421							(88,300)	(88,300)			
882508-10-4	TEXAS INSTRUMENTS INC		07/13/2022	VARIOUS	09/23/2022	VARIOUS	7,356.000	1,129,469	1,293,584	1,129,469							164,114	164,114	8,459		
872540-10-9	TJX COMPANIES INC		05/09/2022	Sanford C. Bernstein & Co.	11/08/2022	VARIOUS	6,318.000	380,693	448,542	380,693							67,849	67,849	3,728		
911312-10-6	UNITED PARCEL SERVICE INC		05/05/2022	EVERCORE ISI	08/02/2022	VARIOUS	5,211.000	935,644	972,046	935,644							36,402	36,402	7,921		
81369Y-88-6	UTILITIES SELECT SECTOR SPDR		03/03/2022	Sanford C. Bernstein & Co.	03/29/2022	JEFFERIES & COMPANY	24,444.000	1,693,705	1,793,208	1,693,705							99,502	99,502	11,476		
92826C-83-9	VISA INC CLASS A SHARES		09/27/2022	Sanford C. Bernstein & Co.	11/10/2022	Co.	3,642.000	659,516	729,110	659,516							69,594	69,594			
929160-10-9	VULCAN MATERIALS CO		06/10/2022	VARIOUS	09/23/2022	EVERCORE ISI	9,403.000	1,560,959	1,561,762	1,560,959							805	805	4,194		
G1151C-10-1	ACCENTURE PLC	C	03/07/2022	Sanford C. Bernstein & Co.	03/22/2022	Co.	3,407.000	1,052,454	1,118,002	1,052,454							65,548	65,548			
66095L-10-9	APTIV PLC	C	09/20/2022	VARIOUS	11/10/2022	VARIOUS	29,836.000	3,059,050	2,970,706	3,059,050							(88,344)	(88,344)			
5019999999. Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Publicly Traded								115,725,259	108,580,169	115,725,259							(7,145,090)	(7,145,090)	562,046		
5989999998. Total - Common Stocks								115,725,259	108,580,169	115,725,259								(7,145,090)	(7,145,090)	562,046	
5999999999. Total - Preferred and Common Stocks								115,725,259	108,580,169	115,725,259								(7,145,090)	(7,145,090)	562,046	

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ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 5**

Showing All Long-Term Bonds and Stocks ACQUIRED During Year and Fully DISPOSED OF During Current Year

1 CUSIP Identi- fication	2 Description	3 For- eign	4 Date Acquired	5 Name of Vendor	6 Disposal Date	7 Name of Purchaser	8 Par Value (Bonds) or Number of Shares (Stock)	9 Actual Cost	10 Consid- eration	11 Book/ Adjusted Carrying Value at Disposal	Change in Book/Adjusted Carrying Value					17 Foreign Exchange Gain (Loss) on Disposal	18 Realized Gain (Loss) on Disposal	19 Total Gain (Loss) on Disposal	20 Interest and Dividends Received During Year	21 Paid for Accrued Interest and Dividends	
											12 Unrealized Valuation Increase/ (Decrease)	13 Current Year's (Amort- ization)/ Accretion	14 Current Year's Other- Than- Temporary Impairment Recognized	15 Total Change in Book/ Adjusted Carrying Valu (12 + 13 - 14)	16 Total Foreign Exchange Change in Book/ Adjusted Carrying Value						
5999999999. Total - Preferred and Common Stocks								115,725,259	108,580,169	115,725,259								(7,145,090)	(7,145,090)	562,046	
6009999999 - Totals								252,559,258	241,590,185	252,500,059			(59,200)		(59,200)			(10,909,874)	(10,909,874)	2,081,021	98,276



ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE D - PART 6 - SECTION 1**

Valuation of Shares of Subsidiary, Controlled or Affiliated Companies

1 CUSIP Identification	2 Description, Name of Subsidiary, Controlled or Affiliated Company	3 Foreign	4 NAIC Company Code	5 ID Number	6 NAIC Valuation Method	7 Book/Adjusted Carrying Value	8 Total Amount of Goodwill Included in Book/ Adjusted Carrying Value	9 Nonadmitted Amount	Stock of Such Company Owned by Insurer on Statement Date	
									10 Number of Shares	11 % of Outstanding
0999999. Total Preferred Stocks										
031538-10-7	Amica Property & Casualty Insurance Company		12287	26-0115568	8B1	79,341,304			10,000,000	100.0
1199999. Subtotal - Common Stock - U.S. P&C Insurer						79,341,304			XXX	XXX
03149*-10-6	Amica Life Insurance Company		72222	05-0340166	8B1	365,880,894			50,000,000	100.0
1299999. Subtotal - Common Stock - U.S. Life Insurer						365,880,894			XXX	XXX
1899999. Total Common Stocks										
						445,222,198			XXX	XXX
1999999 - Totals						445,222,198			XXX	XXX

1. Total amount of goodwill nonadmitted \$ .....

**SCHEDULE D - PART 6 - SECTION 2**

1 CUSIP Identification	2 Name of Lower-Tier Company	3 Name of Company Listed in Section 1 Which Controls Lower-Tier Company	4 Total Amount of Goodwill Included in Amount Shown in Column 8, Section 1	Stock in Lower-Tier Company Owned Indirectly by Insurer on Statement Date	
				5 Number of Shares	6 % of Outstanding
NONE					
0399999 - Total				XXX	XXX

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE DA - PART 1**

Showing All SHORT-TERM INVESTMENTS Owned December 31 of Current Year

1	Codes		4	5	6	7	Change in Book/Adjusted Carrying Value				12	13	Interest					20	
	2	3					8	9	10	11			14	15	16	17	18		19
Description	Code	For- eign	Date Acquired	Name of Vendor	Maturity Date	Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor- tization)/ Accretion	Current Year's Other- Than- Temporary Impairment Recognized	Total Foreign Exchange Change in Book/ Adjusted Carrying Value	Par Value	Actual Cost	Amount Due and Accrued Dec. 31 of Current Year on Bond Not in Default	Non- Admitted Due and Accrued	Rate of	Effective Rate of	When Paid	Amount Received During Year	Paid for Accrued Interest
TREASURY BILL 03-2023	@		09/12/2022	FTN FINANCIAL CAPITAL MKT	03/09/2023	29,495,465					30,000,000	29,495,465	316,273		0.000	3.422	N/A		
TREASURY BILL 03-2023	@		09/14/2022	MORGAN STANLEY SMITH BARNEY LLC	03/16/2023	19,630,944					20,000,000	19,630,944	218,565		0.000	3.774	N/A		
TREASURY BILL 04-2023	@		11/17/2022	MORGAN STANLEY SMITH BARNEY LLC	04/27/2023	4,902,556					5,000,000	4,902,556	26,851		0.000	4.499	N/A		
TREASURY BILL 05-2023	@		11/15/2022	BMO Capital Markets GKST, Inc.	05/04/2023	4,897,755					5,000,000	4,897,755	27,847		0.000	4.472	N/A		
TREASURY BILL 05-2023	@		11/15/2022	BMO Capital Markets GKST, Inc.	05/11/2023	4,893,031					5,000,000	4,893,031	27,955		0.000	4.497	N/A		
TREASURY BILL 05-2023	@		11/17/2022	BMO Capital Markets GKST, Inc.	05/18/2023	4,888,459					5,000,000	4,888,459	27,113		0.000	4.564	N/A		
TREASURY BILL 06-2023	@		12/12/2022	MORGAN STANLEY SMITH BARNEY LLC	06/08/2023	4,887,593					5,000,000	4,887,593	12,377		0.000	4.706	N/A		
TREASURY BILL 06-2023	@		12/22/2022	BMO Capital Markets GKST, Inc.	06/22/2023	4,886,723					5,000,000	4,886,723	6,091		0.000	4.637	N/A		
0019999999. Subtotal - Bonds - U.S. Governments - Issuer Obligations						78,482,526					80,000,000	78,482,526	663,072		XXX	XXX	XXX		
0109999999. Total - U.S. Government Bonds						78,482,526					80,000,000	78,482,526	663,072		XXX	XXX	XXX		
0309999999. Total - All Other Government Bonds															XXX	XXX	XXX		
0509999999. Total - U.S. States, Territories and Possessions Bonds															XXX	XXX	XXX		
0709999999. Total - U.S. Political Subdivisions Bonds															XXX	XXX	XXX		
0909999999. Total - U.S. Special Revenues Bonds															XXX	XXX	XXX		
1109999999. Total - Industrial and Miscellaneous (Unaffiliated) Bonds															XXX	XXX	XXX		
1309999999. Total - Hybrid Securities															XXX	XXX	XXX		
1509999999. Total - Parent, Subsidiaries and Affiliates Bonds															XXX	XXX	XXX		
1909999999. Subtotal - Unaffiliated Bank Loans															XXX	XXX	XXX		
2419999999. Total - Issuer Obligations						78,482,526					80,000,000	78,482,526	663,072		XXX	XXX	XXX		
2429999999. Total - Residential Mortgage-Backed Securities															XXX	XXX	XXX		
2439999999. Total - Commercial Mortgage-Backed Securities															XXX	XXX	XXX		
2449999999. Total - Other Loan-Backed and Structured Securities															XXX	XXX	XXX		
2459999999. Total - SVO Identified Funds															XXX	XXX	XXX		
2469999999. Total - Affiliated Bank Loans															XXX	XXX	XXX		
2479999999. Total - Unaffiliated Bank Loans															XXX	XXX	XXX		
2509999999. Total Bonds						78,482,526					80,000,000	78,482,526	663,072		XXX	XXX	XXX		
7109999999. Total - Parent, Subsidiaries and Affiliates											XXX				XXX	XXX	XXX		
7709999999 - Totals						78,482,526					XXX	78,482,526	663,072		XXX	XXX	XXX		

1. Line Book/Adjusted Carrying Value by NAIC Designation Category Footnote:

Number	1A	1B	1C	1D	1E	1F	1G
1A	78,482,526						
1B							
1C							
1D							
1E							
1F							

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Schedule DB - Part A - Section 1 - Options, Caps, Floors, Collars, Swaps and Forwards Open

**N O N E**

Schedule DB - Part A - Section 2 - Options, Caps, Floors, Collars, Swaps and Forwards Terminated

**N O N E**

Schedule DB - Part B - Section 1 - Futures Contracts Open

**N O N E**

Schedule DB - Part B - Section 1B - Brokers with whom cash deposits have been made

**N O N E**

Schedule DB - Part B - Section 2 - Futures Contracts Terminated

**N O N E**

Schedule DB - Part D - Section 1 - Counterparty Exposure for Derivative Instruments Open

**N O N E**

Schedule DB - Part D - Section 2 - Collateral for Derivative Instruments Open - Pledged By

**N O N E**

Schedule DB - Part D - Section 2 - Collateral for Derivative Instruments Open - Pledged To

**N O N E**

Schedule DB - Part E - Derivatives Hedging Variable Annuity Guarantees as of December 31 of  
Current Year

**N O N E**

Schedule DL - Part 1 - Reinvested Collateral Assets Owned

**N O N E**

Schedule DL - Part 2 - Reinvested Collateral Assets Owned

**N O N E**



ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE E - PART 2 - CASH EQUIVALENTS**

Show Investments Owned December 31 of Current Year

1 CUSIP	2 Description	3 Code	4 Date Acquired	5 Rate of Interest	6 Maturity Date	7 Book/Adjusted Carrying Value	8 Amount of Interest Due and Accrued	9 Amount Received During Year
0109999999	Total - U.S. Government Bonds							
0309999999	Total - All Other Government Bonds							
0509999999	Total - U.S. States, Territories and Possessions Bonds							
0709999999	Total - U.S. Political Subdivisions Bonds							
0909999999	Total - U.S. Special Revenues Bonds							
1109999999	Total - Industrial and Miscellaneous (Unaffiliated) Bonds							
1309999999	Total - Hybrid Securities							
1509999999	Total - Parent, Subsidiaries and Affiliates Bonds							
1909999999	Subtotal - Unaffiliated Bank Loans							
2419999999	Total - Issuer Obligations							
2429999999	Total - Residential Mortgage-Backed Securities							
2439999999	Total - Commercial Mortgage-Backed Securities							
2449999999	Total - Other Loan-Backed and Structured Securities							
2459999999	Total - SVO Identified Funds							
2469999999	Total - Affiliated Bank Loans							
2479999999	Total - Unaffiliated Bank Loans							
2509999999	Total Bonds							
25160K-20-7	DIIS GOVERNMENT MMF SERIES-INST		12/27/2022	4.203		117,064,723	835,172	706,922
8309999999	Subtotal - All Other Money Market Mutual Funds					117,064,723	835,172	706,922
8609999999	Total Cash Equivalents					117,064,723	835,172	706,922

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1. Line Book/Adjusted Carrying Value by NAIC Designation Category Footnote:  
 Number  
 1A 1A ..\$ ..... 1B ..\$ ..... 1C ..\$ ..... 1D ..\$ ..... 1E ..\$ ..... 1F ..\$ ..... 1G ..\$ .....  
 1B 2A ..\$ ..... 2B ..\$ ..... 2C ..\$ .....  
 1C 3A ..\$ ..... 3B ..\$ ..... 3C ..\$ .....  
 1D 4A ..\$ ..... 4B ..\$ ..... 4C ..\$ .....  
 1E 5A ..\$ ..... 5B ..\$ ..... 5C ..\$ .....  
 1F 6 .....\$ .....

ANNUAL STATEMENT FOR THE YEAR 2022 OF THE AMICA MUTUAL INSURANCE COMPANY

**SCHEDULE E - PART 3 - SPECIAL DEPOSITS**

States, Etc.	1 Type of Deposit	2 Purpose of Deposit	Deposits For the Benefit of All Policyholders		All Other Special Deposits	
			3 Book/Adjusted Carrying Value	4 Fair Value	5 Book/Adjusted Carrying Value	6 Fair Value
1. Alabama	AL					
2. Alaska	AK					
3. Arizona	AZ					
4. Arkansas	AR	B... Property & Casualty			149,628	154,213
5. California	CA					
6. Colorado	CO					
7. Connecticut	CT					
8. Delaware	DE					
9. District of Columbia	DC					
10. Florida	FL					
11. Georgia	GA	B... Property & Casualty			49,876	51,404
12. Hawaii	HI					
13. Idaho	ID					
14. Illinois	IL					
15. Indiana	IN					
16. Iowa	IA					
17. Kansas	KS					
18. Kentucky	KY					
19. Louisiana	LA					
20. Maine	ME					
21. Maryland	MD					
22. Massachusetts	MA					
23. Michigan	MI					
24. Minnesota	MN					
25. Mississippi	MS					
26. Missouri	MO					
27. Montana	MT					
28. Nebraska	NE					
29. Nevada	NV					
30. New Hampshire	NH					
31. New Jersey	NJ					
32. New Mexico	NM	B... Property & Casualty			349,133	359,830
33. New York	NY					
34. North Carolina	NC	B... Property & Casualty			299,257	308,426
35. North Dakota	ND					
36. Ohio	OH					
37. Oklahoma	OK					
38. Oregon	OR					
39. Pennsylvania	PA					
40. Rhode Island	RI	B... Property & Casualty	2,493,805	2,570,215		
41. South Carolina	SC					
42. South Dakota	SD					
43. Tennessee	TN					
44. Texas	TX					
45. Utah	UT					
46. Vermont	VT					
47. Virginia	VA					
48. Washington	WA					
49. West Virginia	WV					
50. Wisconsin	WI					
51. Wyoming	WY					
52. American Samoa	AS					
53. Guam	GU					
54. Puerto Rico	PR					
55. U.S. Virgin Islands	VI					
56. Northern Mariana Islands	MP					
57. Canada	CAN					
58. Aggregate Alien and Other	OT	XXX	XXX			
59. Subtotal	XXX	XXX	2,493,805	2,570,215	847,894	873,873
DETAILS OF WRITE-INS						
5801.						
5802.						
5803.						
5898. Summary of remaining write-ins for Line 58 from overflow page	XXX	XXX				
5899. Totals (Lines 5801 thru 5803 plus 5898)(Line 58 above)	XXX	XXX				