

QUARTERLY STATEMENT

OF THE

MINNESOTA LIFE INSURANCE COMPANY

TO THE

Insurance Department

OF THE

STATE OF

Minnesota

FOR THE QUARTER ENDED
JUNE 30, 2023

LIFE, ACCIDENT AND HEALTH

FRATERNAL BENEFIT SOCIETIES

2023



LIFE, ACCIDENT AND HEALTH COMPANIES/FRATERNAL BENEFIT SOCIETIES - ASSOCIATION EDITION

QUARTERLY STATEMENT

AS OF JUNE 30, 2023
OF THE CONDITION AND AFFAIRS OF THE

Minnesota Life Insurance Company

NAIC Group Code 0869 (Current) 0869 (Prior) NAIC Company Code 66168 Employer's ID Number 41-0417830

Organized under the Laws of Minnesota State of Domicile or Port of Entry MN

Country of Domicile United States of America

Licensed as business type: Life, Accident and Health [X] Fraternal Benefit Societies []

Incorporated/Organized 08/06/1880 Commenced Business 08/06/1880

Statutory Home Office 400 Robert Street North St. Paul, MN, US 55101-2098
(Street and Number) (City or Town, State, Country and Zip Code)

Main Administrative Office 400 Robert Street North St. Paul, MN, US 55101-2098
(Street and Number) (City or Town, State, Country and Zip Code)
651-665-3500 (Area Code) (Telephone Number)

Mail Address 400 Robert Street North St. Paul, MN, US 55101-2098
(Street and Number or P.O. Box) (City or Town, State, Country and Zip Code)

Primary Location of Books and Records 400 Robert Street North St. Paul, MN, US 55101-2098
(Street and Number) (City or Town, State, Country and Zip Code)
651-665-5678 (Area Code) (Telephone Number)

Internet Website Address www.securian.com

Statutory Statement Contact Nicholas David Boehland 651-665-5678
(Name) (Area Code) (Telephone Number)
nicholas.boehland@securian.com 651-665-7938
(E-mail Address) (FAX Number)

OFFICERS

Chairman, President & CEO Christopher Michael Hilger
Sr VP, Gen Counsel & Secretary Renee Denise Montz
2nd Vice President & Treasurer Ted James Nistler
Executive VP & CFO Warren John Zaccaro

OTHER

George Ignatius Connolly, Executive Vice President
Siddharth Subhash Gandhi, Executive Vice President
Suzette Louise Huovinen, Senior Vice President
Barbara Ann Baumann, Vice President
David Anthony Seidel, Vice President & Chief Actuary
Christopher Robert Greene, Vice President
Kent Orrin Peterson, Vice President
Jennifer April Lastine #, Vice President
John Anthony Yaggy, Vice President & Controller
Anthony Joseph Martins, Vice President
Kristi Lee Fox, Executive VP & CAO
Mark James Geldernick, Vice President
Susan Marie Munson-Regala, Vice President
Brent Colin Lesmeister, Vice President
Ferenc Csatos, Vice President
Robert John Ehren, Senior Vice President
Paul Ellsworth Rudeen, Vice President and Actuary
Peter Gordon Berlute, Senior Vice President
Karen Ann Leighton, Vice President
Kristin Mary Ferguson, Vice President
Mary Leone Dorsey Streed, Vice President
Rebecca Marie Hagen #, Vice President

DIRECTORS OR TRUSTEES

Renee Denise Montz
Eric Byck Goodman
Christopher Michael Hilger
Robert John Ehren #
Warren John Zaccaro
Trudy Ann Rautio
Benjamin Gwynn Stonestreet Fowke III
Sara Hietpas Gavin
Mary Keith Brainerd
Ekaterina Ognianova Walsh

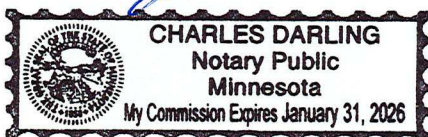
State of Minnesota SS:
County of Ramsey

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.

Handwritten signatures of Christopher Michael Hilger, Renee Denise Montz, and Ted James Nistler with their respective titles: Chairman, President & CEO; Sr VP, Gen Counsel & Secretary; 2nd Vice President & Treasurer.

Subscribed and sworn to before me this 01 day of August 2023
Charles Darling
Notary Public
January 31, 2026

- 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.....



STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

ASSETS

	Current Statement Date			4 December 31 Prior Year Net Admitted Assets
	1 Assets	2 Nonadmitted Assets	3 Net Admitted Assets (Cols. 1 - 2)	
1. Bonds	20,491,425,007		20,491,425,007	20,461,058,089
2. Stocks:				
2.1 Preferred stocks	107,041,708		107,041,708	106,205,293
2.2 Common stocks	817,200,892	10,153	817,190,739	916,890,186
3. Mortgage loans on real estate:				
3.1 First liens	5,337,482,636		5,337,482,636	5,263,732,777
3.2 Other than first liens.....				
4. Real estate:				
4.1 Properties occupied by the company (less \$ encumbrances)	48,914,859		48,914,859	48,933,295
4.2 Properties held for the production of income (less \$ encumbrances)				
4.3 Properties held for sale (less \$ encumbrances)				
5. Cash (\$3,887,909), cash equivalents (\$168,321,140) and short-term investments (\$ 101,162,159)	273,371,207		273,371,207	197,858,062
6. Contract loans (including \$ premium notes)	762,861,277	4,291,019	758,570,258	579,702,101
7. Derivatives	999,087,706		999,087,706	428,575,694
8. Other invested assets	1,606,028,966	6,006,186	1,600,022,780	1,542,308,760
9. Receivables for securities	30,868,865	19,046	30,849,819	37,621,611
10. Securities lending reinvested collateral assets				
11. Aggregate write-ins for invested assets				
12. Subtotals, cash and invested assets (Lines 1 to 11)	30,474,283,122	10,326,404	30,463,956,718	29,582,885,868
13. Title plants less \$ charged off (for Title insurers only)				
14. Investment income due and accrued	205,053,112	1,770,393	203,282,719	203,806,711
15. Premiums and considerations:				
15.1 Uncollected premiums and agents' balances in the course of collection	83,952,798	1,283,959	82,668,839	87,605,315
15.2 Deferred premiums, agents' balances and installments booked but deferred and not yet due (including \$ earned but unbilled premiums)	71,577,110		71,577,110	69,876,682
15.3 Accrued retrospective premiums (\$) and contracts subject to redetermination (\$)				
16. Reinsurance:				
16.1 Amounts recoverable from reinsurers	354,490,008		354,490,008	312,996,720
16.2 Funds held by or deposited with reinsured companies				
16.3 Other amounts receivable under reinsurance contracts	56,134,070		56,134,070	40,787,361
17. Amounts receivable relating to uninsured plans				
18.1 Current federal and foreign income tax recoverable and interest thereon	16,335,081		16,335,081	27,942,418
18.2 Net deferred tax asset	30,115,464		30,115,464	39,644,162
19. Guaranty funds receivable or on deposit	2,069,801		2,069,801	2,365,199
20. Electronic data processing equipment and software	92,242,560	83,482,875	8,759,685	9,228,774
21. Furniture and equipment, including health care delivery assets (\$)	36,392,840	36,392,840		
22. Net adjustment in assets and liabilities due to foreign exchange rates				
23. Receivables from parent, subsidiaries and affiliates	38,878,285		38,878,285	10,674,886
24. Health care (\$) and other amounts receivable	25,967,160	25,967,160		
25. Aggregate write-ins for other than invested assets	57,737,741	48,149,271	9,588,470	26,633,781
26. Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 to 25)	31,545,229,152	207,372,902	31,337,856,250	30,414,447,878
27. From Separate Accounts, Segregated Accounts and Protected Cell Accounts	31,003,229,027		31,003,229,027	28,096,932,500
28. Total (Lines 26 and 27)	62,548,458,179	207,372,902	62,341,085,277	58,511,380,378
DETAILS OF WRITE-INS				
1101.				
1102.				
1103.				
1198. Summary of remaining write-ins for Line 11 from overflow page				
1199. Totals (Lines 1101 through 1103 plus 1198)(Line 11 above)				
2501. Prepaid Expenses	48,149,271	48,149,271		
2502. Net Goodwill	9,330,163		9,330,163	12,440,677
2503. Miscellaneous Receivables	258,307		258,307	14,193,104
2598. Summary of remaining write-ins for Line 25 from overflow page				
2599. Totals (Lines 2501 through 2503 plus 2598)(Line 25 above)	57,737,741	48,149,271	9,588,470	26,633,781

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

LIABILITIES, SURPLUS AND OTHER FUNDS

	1 Current Statement Date	2 December 31 Prior Year
1. Aggregate reserve for life contracts \$24,394,839,713 less \$ included in Line 6.3 (including \$6,221,397 Modco Reserve)	24,394,839,713	23,576,921,002
2. Aggregate reserve for accident and health contracts (including \$33,753,931 Modco Reserve)	199,710,060	197,630,978
3. Liability for deposit-type contracts (including \$ Modco Reserve).....	1,630,457,723	1,705,839,925
4. Contract claims:		
4.1 Life	336,479,001	319,287,052
4.2 Accident and health	108,683,378	103,529,169
5. Policyholders' dividends/refunds to members \$ and coupons \$ due and unpaid	10,357	12,389
6. Provision for policyholders' dividends, refunds to members and coupons payable in following calendar year - estimated amounts:		
6.1 Policyholders' dividends and refunds to members apportioned for payment (including \$ Modco)	1,326,686	1,278,025
6.2 Policyholders' dividends and refunds to members not yet apportioned (including \$ Modco)	1,273,729	1,222,316
6.3 Coupons and similar benefits (including \$ Modco)		
7. Amount provisionally held for deferred dividend policies not included in Line 6		
8. Premiums and annuity considerations for life and accident and health contracts received in advance less \$34,235 discount; including \$5,032 accident and health premiums	2,044,148	1,504,315
9. Contract liabilities not included elsewhere:		
9.1 Surrender values on canceled contracts		
9.2 Provision for experience rating refunds, including the liability of \$ accident and health experience rating refunds of which \$ is for medical loss ratio rebate per the Public Health Service Act	(35,947,904)	(20,026,371)
9.3 Other amounts payable on reinsurance, including \$ assumed and \$117,858,896 ceded	117,858,896	103,119,246
9.4 Interest Maintenance Reserve	13,082,035	17,884,067
10. Commissions to agents due or accrued-life and annuity contracts \$1,268,875 , accident and health \$8,768,729 and deposit-type contract funds \$	10,037,604	13,803,576
11. Commissions and expense allowances payable on reinsurance assumed	10,430,204	9,195,777
12. General expenses due or accrued	117,917,296	146,754,898
13. Transfers to Separate Accounts due or accrued (net) (including \$ accrued for expense allowances recognized in reserves, net of reinsured allowances)	(247,743,707)	(252,346,922)
14. Taxes, licenses and fees due or accrued, excluding federal income taxes	(831,364)	7,600,845
15.1 Current federal and foreign income taxes, including \$ on realized capital gains (losses)		
15.2 Net deferred tax liability		
16. Unearned investment income	597	171,496
17. Amounts withheld or retained by reporting entity as agent or trustee	6,968,490	3,032,344
18. Amounts held for agents' account, including \$ agents' credit balances		
19. Remittances and items not allocated	146,817,629	57,817,184
20. Net adjustment in assets and liabilities due to foreign exchange rates	(31,770)	48,390
21. Liability for benefits for employees and agents if not included above	84,973,519	80,186,452
22. Borrowed money \$170,000,000 and interest thereon \$	170,000,000	120,000,000
23. Dividends to stockholders declared and unpaid		
24. Miscellaneous liabilities:		
24.01 Asset valuation reserve	454,045,433	336,157,962
24.02 Reinsurance in unauthorized and certified (\$) companies	5,448,175	3,227,013
24.03 Funds held under reinsurance treaties with unauthorized and certified (\$) reinsurers	263,740,165	240,071,078
24.04 Payable to parent, subsidiaries and affiliates		
24.05 Drafts outstanding		
24.06 Liability for amounts held under uninsured plans		
24.07 Funds held under coinsurance		
24.08 Derivatives	568,655,660	302,349,392
24.09 Payable for securities	48,113,742	67,916,382
24.10 Payable for securities lending		
24.11 Capital notes \$ and interest thereon \$		
25. Aggregate write-ins for liabilities	12,624,723	6,892,510
26. Total liabilities excluding Separate Accounts business (Lines 1 to 25)	28,420,984,218	27,151,080,490
27. From Separate Accounts Statement	30,984,481,555	28,075,370,996
28. Total liabilities (Lines 26 and 27)	59,405,465,773	55,226,451,486
29. Common capital stock	5,000,000	5,000,000
30. Preferred capital stock		
31. Aggregate write-ins for other than special surplus funds		
32. Surplus notes	118,000,000	118,000,000
33. Gross paid in and contributed surplus	316,540,267	316,540,267
34. Aggregate write-ins for special surplus funds	51,590,913	145,123,548
35. Unassigned funds (surplus)	2,444,488,324	2,700,265,077
36. Less treasury stock, at cost:		
36.1 shares common (value included in Line 29 \$)		
36.2 shares preferred (value included in Line 30 \$)		
37. Surplus (Total Lines 31+32+33+34+35-36) (including \$18,747,472 in Separate Accounts Statement)	2,930,619,504	3,279,928,892
38. Totals of Lines 29, 30 and 37	2,935,619,504	3,284,928,892
39. Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3)	62,341,085,277	58,511,380,378
DETAILS OF WRITE-INS		
2501. Accrued interest on policy and contract funds/claims	7,744,122	7,329,713
2502. Miscellaneous Investment liability	11,389	11,717
2503. Cost of Reins Liability	4,869,212	(448,920)
2598. Summary of remaining write-ins for Line 25 from overflow page		
2599. Totals (Lines 2501 through 2503 plus 2598)(Line 25 above)	12,624,723	6,892,510
3101.		
3102.		
3103.		
3198. Summary of remaining write-ins for Line 31 from overflow page		
3199. Totals (Lines 3101 through 3103 plus 3198)(Line 31 above)		
3401. Deferred gain on reinsurance	357,590,913	402,123,548
3402. Deferred tax valuation adjustment	(306,000,000)	(257,000,000)
3403.		
3498. Summary of remaining write-ins for Line 34 from overflow page		
3499. Totals (Lines 3401 through 3403 plus 3498)(Line 34 above)	51,590,913	145,123,548

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SUMMARY OF OPERATIONS

	1 Current Year To Date	2 Prior Year To Date	3 Prior Year Ended December 31
1. Premiums and annuity considerations for life and accident and health contracts	2,125,936,563	1,502,068,202	4,024,549,142
2. Considerations for supplementary contracts with life contingencies	1,728		
3. Net investment income	474,969,116	471,946,664	1,042,604,054
4. Amortization of Interest Maintenance Reserve (IMR)	(2,492,166)	(792,398)	(3,968,819)
5. Separate Accounts net gain from operations excluding unrealized gains or losses			
6. Commissions and expense allowances on reinsurance ceded	85,119,925	274,001,858	588,508,745
7. Reserve adjustments on reinsurance ceded	2,403,841,576	2,835,955,279	19,485,300,208
8. Miscellaneous Income:			
8.1 Income from fees associated with investment management, administration and contract guarantees from Separate Accounts	136,626,045	128,074,503	212,449,651
8.2 Charges and fees for deposit-type contracts	6,580,763	5,336,428	5,158,738
8.3 Aggregate write-ins for miscellaneous income	53,668,826	33,946,298	95,885,911
9. Totals (Lines 1 to 8.3)	5,284,252,376	5,250,536,834	25,450,487,630
10. Death benefits	532,095,459	518,850,414	984,198,860
11. Matured endowments (excluding guaranteed annual pure endowments)		374,495	(1,612,645)
12. Annuity benefits	214,283,976	202,353,768	400,241,419
13. Disability benefits and benefits under accident and health contracts	68,544,352	60,951,347	124,502,374
14. Coupons, guaranteed annual pure endowments and similar benefits			
15. Surrender benefits and withdrawals for life contracts	939,949,323	2,039,593,321	3,829,209,193
16. Group conversions			
17. Interest and adjustments on contract or deposit-type contract funds	41,614,204	9,999,783	39,923,558
18. Payments on supplementary contracts with life contingencies	256,719	991,843	1,709,996
19. Increase in aggregate reserves for life and accident and health contracts	819,997,788	(1,672,563,184)	(1,964,368,118)
20. Totals (Lines 10 to 19)	2,616,741,821	1,160,551,787	3,413,804,637
21. Commissions on premiums, annuity considerations, and deposit-type contract funds (direct business only)	226,263,767	267,855,561	515,113,172
22. Commissions and expense allowances on reinsurance assumed	39,109,382	36,625,508	72,130,462
23. General insurance expenses and fraternal expenses	346,824,983	343,448,437	774,169,291
24. Insurance taxes, licenses and fees, excluding federal income taxes	54,536,830	49,998,990	96,776,488
25. Increase in loading on deferred and uncollected premiums	5,140,433	3,852,605	6,065,581
26. Net transfers to or (from) Separate Accounts net of reinsurance	(126,039,697)	224,283,323	368,959,839
27. Aggregate write-ins for deductions	2,404,620,196	3,045,178,274	19,977,631,370
28. Totals (Lines 20 to 27)	5,567,197,715	5,131,794,485	25,224,650,840
29. Net gain from operations before dividends to policyholders and federal income taxes (Line 9 minus Line 28)	(282,945,339)	118,742,348	225,836,790
30. Dividends to policyholders and refunds to members	1,452,029	(19,849,912)	(18,467,145)
31. Net gain from operations after dividends to policyholders, refunds to members and before federal income taxes (Line 29 minus Line 30)	(284,397,368)	138,592,261	244,303,935
32. Federal and foreign income taxes incurred (excluding tax on capital gains)	(20,817,046)	53,919,452	93,024,282
33. Net gain from operations after dividends to policyholders, refunds to members and federal income taxes and before realized capital gains or (losses) (Line 31 minus Line 32)	(263,580,322)	84,672,809	151,279,653
34. Net realized capital gains (losses) (excluding gains (losses) transferred to the IMR) less capital gains tax of \$ 10,312,390 (excluding taxes of \$ 1,938,964) transferred to the IMR	(120,689,129)	(129,166,225)	(247,142,338)
35. Net income (Line 33 plus Line 34)	(384,269,451)	(44,493,416)	(95,862,685)
CAPITAL AND SURPLUS ACCOUNT			
36. Capital and surplus, December 31, prior year	3,284,928,892	3,402,930,077	3,402,930,077
37. Net income (Line 35)	(384,269,451)	(44,493,416)	(95,862,685)
38. Change in net unrealized capital gains (losses) less capital gains tax of \$ 61,395,051	239,218,622	(313,921,458)	(351,257,634)
39. Change in net unrealized foreign exchange capital gain (loss)	13,356,313	(2,562,315)	(14,485,515)
40. Change in net deferred income tax	100,866,360	(28,581,862)	(38,259,948)
41. Change in nonadmitted assets	(3,604,479)	373,323	(14,528,998)
42. Change in liability for reinsurance in unauthorized and certified companies	(2,221,162)	(2,287,884)	(173,389)
43. Change in reserve on account of change in valuation basis, (increase) or decrease			
44. Change in asset valuation reserve	(117,887,144)	114,865,328	115,434,728
45. Change in treasury stock			
46. Surplus (contributed to) withdrawn from Separate Accounts during period	3,771,392	42,973	1,215,509
47. Other changes in surplus in Separate Accounts Statement	(2,814,032)	(2,834,275)	(4,383,449)
48. Change in surplus notes			
49. Cumulative effect of changes in accounting principles			
50. Capital changes:			
50.1 Paid in			
50.2 Transferred from surplus (Stock Dividend)			
50.3 Transferred to surplus			
51. Surplus adjustment:			
51.1 Paid in			
51.2 Transferred to capital (Stock Dividend)			
51.3 Transferred from capital			
51.4 Change in surplus as a result of reinsurance			
52. Dividends to stockholders	(102,193,171)		(4,998,073)
53. Aggregate write-ins for gains and losses in surplus	(93,532,635)	100,107,766	289,298,270
54. Net change in capital and surplus for the year (Lines 37 through 53)	(349,309,388)	(179,291,621)	(118,001,185)
55. Capital and surplus, as of statement date (Lines 36 + 54)	2,935,619,504	3,223,638,455	3,284,928,892
DETAILS OF WRITE-INS			
08.301. Miscellaneous administrative and other fees	53,668,826	33,946,298	95,885,911
08.302.			
08.303.			
08.398. Summary of remaining write-ins for Line 8.3 from overflow page			
08.399. Totals (Lines 08.301 through 08.303 plus 08.398) (Line 8.3 above)	53,668,826	33,946,298	95,885,911
2701. Funds Withheld Interest	376,207	286,061	626,638
2702. Deferred gain on reinsurance		230,897,149	436,019,553
2703. IMR Release		(20,817,743)	58,660,725
2798. Summary of remaining write-ins for Line 27 from overflow page	2,404,243,989	2,834,812,807	19,482,324,454
2799. Totals (Lines 2701 through 2703 plus 2798)(Line 27 above)	2,404,620,196	3,045,178,274	19,977,631,370
5301. Change in liability for Pension Benefits			11,225,864
5302. Change in deferred gain on reinsurance	(44,532,635)	208,107,766	378,072,406
5303. Change in deferred tax valuation adjustment	(49,000,000)	(108,000,000)	(100,000,000)
5398. Summary of remaining write-ins for Line 53 from overflow page			
5399. Totals (Lines 5301 through 5303 plus 5398)(Line 53 above)	(93,532,635)	100,107,766	289,298,270

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

CASH FLOW

	1 Current Year To Date	2 Prior Year To Date	3 Prior Year Ended December 31
Cash from Operations			
1. Premiums collected net of reinsurance	2,304,437,913	3,838,839,096	7,585,756,881
2. Net investment income	485,972,735	493,443,263	1,071,877,293
3. Miscellaneous income	157,316,543	135,104,982	329,203,096
4. Total (Lines 1 to 3)	2,947,727,191	4,467,387,341	8,986,837,270
5. Benefit and loss related payments	2,066,393,752	2,896,629,383	5,441,727,031
6. Net transfers to Separate Accounts, Segregated Accounts and Protected Cell Accounts	(255,590,481)	176,742,327	339,145,408
7. Commissions, expenses paid and aggregate write-ins for deductions	700,029,789	747,341,822	1,442,903,644
8. Dividends paid to policyholders	(2,133,851)	11,620,105	13,110,512
9. Federal and foreign income taxes paid (recovered) net of \$ tax on capital gains (losses)	(24,050,964)	(21,505,574)	(73,846,015)
10. Total (Lines 5 through 9)	2,484,648,245	3,810,828,063	7,163,040,580
11. Net cash from operations (Line 4 minus Line 10)	463,078,946	656,559,278	1,823,796,690
Cash from Investments			
12. Proceeds from investments sold, matured or repaid:			
12.1 Bonds	918,662,074	1,619,325,183	3,153,097,253
12.2 Stocks	166,659,576	61,676,507	306,975,379
12.3 Mortgage loans	221,220,140	332,134,431	623,723,720
12.4 Real estate			
12.5 Other invested assets	45,290,427	65,750,580	145,115,434
12.6 Net gains or (losses) on cash, cash equivalents and short-term investments	450		
12.7 Miscellaneous proceeds	(115,715,705)	(404,700,582)	(592,818,433)
12.8 Total investment proceeds (Lines 12.1 to 12.7)	1,236,116,962	1,674,186,119	3,636,093,353
13. Cost of investments acquired (long-term only):			
13.1 Bonds	981,736,824	1,917,337,773	3,976,616,144
13.2 Stocks	72,711,170	77,047,032	270,651,785
13.3 Mortgage loans	294,970,000	554,275,000	1,089,480,000
13.4 Real estate			
13.5 Other invested assets	87,833,752	86,329,164	185,319,458
13.6 Miscellaneous applications			
13.7 Total investments acquired (Lines 13.1 to 13.6)	1,437,251,746	2,634,988,969	5,522,067,387
14. Net increase (or decrease) in contract loans and premium notes	180,997,281	51,273,727	149,412,139
15. Net cash from investments (Line 12.8 minus Line 13.7 and Line 14)	(382,132,065)	(1,012,076,577)	(2,035,386,173)
Cash from Financing and Miscellaneous Sources			
16. Cash provided (applied):			
16.1 Surplus notes, capital notes			
16.2 Capital and paid in surplus, less treasury stock			
16.3 Borrowed funds	50,000,000		
16.4 Net deposits on deposit-type contracts and other insurance liabilities	(89,259,418)	89,042,994	111,156,085
16.5 Dividends to stockholders	100,000,000		
16.6 Other cash provided (applied)	133,825,682	156,162,235	(37,138,510)
17. Net cash from financing and miscellaneous sources (Line 16.1 through Line 16.4 minus Line 16.5 plus Line 16.6)	(5,433,736)	245,205,229	74,017,575
RECONCILIATION OF CASH, CASH EQUIVALENTS AND SHORT-TERM INVESTMENTS			
18. Net change in cash, cash equivalents and short-term investments (Line 11, plus Lines 15 and 17)	75,513,145	(110,312,070)	(137,571,908)
19. Cash, cash equivalents and short-term investments:			
19.1 Beginning of year	197,858,063	335,429,971	335,429,971
19.2 End of period (Line 18 plus Line 19.1)	273,371,208	225,117,901	197,858,063

Note: Supplemental disclosures of cash flow information for non-cash transactions:

20.0001. Investments transferred in connection with reinsurance transaction		2,051,174,521	3,072,524,649
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EXHIBIT 1

DIRECT PREMIUMS AND DEPOSIT-TYPE CONTRACTS

	1 Current Year To Date	2 Prior Year To Date	3 Prior Year Ended December 31
1. Industrial life			
2. Ordinary life insurance	945,995,551	1,148,902,543	2,256,103,750
3. Ordinary individual annuities	259,203,998	290,608,053	637,756,240
4. Credit life (group and individual)	38,762,622	38,202,223	78,920,903
5. Group life insurance	726,735,925	697,360,777	1,370,465,286
6. Group annuities	2,000,706,747	1,888,009,233	3,989,484,097
7. A & H - group	164,846,329	167,453,130	331,284,477
8. A & H - credit (group and individual)	38,011,504	36,331,684	77,405,314
9. A & H - other	8,088,933	8,931,121	17,448,685
10. Aggregate of all other lines of business			
11. Subtotal (Lines 1 through 10)	4,182,351,609	4,275,798,764	8,758,868,752
12. Fraternal (Fraternal Benefit Societies Only)			
13. Subtotal (Lines 11 through 12)	4,182,351,609	4,275,798,764	8,758,868,752
14. Deposit-type contracts	82,810,584	221,347,029	397,346,106
15. Total (Lines 13 and 14)	4,265,162,193	4,497,145,793	9,156,214,858
DETAILS OF WRITE-INS			
1001.			
1002.			
1003.			
1098. Summary of remaining write-ins for Line 10 from overflow page			
1099. Totals (Lines 1001 through 1003 plus 1098)(Line 10 above)			

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

NOTES TO FINANCIAL STATEMENTS

(1) Summary of Significant Accounting Policies

A. Accounting Practices

The accompanying statutory financial statements of Minnesota Life Insurance Company (the Company) have been prepared in accordance with accounting practices prescribed or permitted by the Minnesota Department of Commerce. The Minnesota Department of Commerce recognizes statutory accounting practices prescribed or permitted by the state of Minnesota for determining and reporting the financial condition and results of operations of an insurance company and for determining its solvency under the Minnesota Insurance Law. Prescribed statutory accounting practices are those practices that are incorporated directly or by reference in state laws, regulations and general administrative rules applicable to all insurance enterprises domiciled in a particular state. Permitted statutory accounting practices include practices not prescribed by the domiciliary state, but allowed by the domiciliary state regulatory authority. The National Association of Insurance Commissioners' (NAIC) *Accounting Practices and Procedures Manual* (NAIC SAP) has been adopted as a component of prescribed or permitted practices by the state of Minnesota. The state has adopted the prescribed accounting practices found in NAIC SAP, without modification.

The Company has received a permitted practice from the Minnesota Department of Commerce to use a modified 1959 accidental death benefit (ADB) table.

The Company has no material prescribed accounted practices.

A reconciliation of the Company's net income and capital and surplus between NAIC SAP and practices prescribed and permitted by the state of Minnesota is shown below:

	SSAP #	F/S Page	F/S Line #	06/30/2023	12/31/2022
1. Net Income, Minnesota State basis:				\$ (384,269,451)	\$ (95,862,685)
2.State Prescribed Practices (Income):	NONE	NONE	NONE	-	-
3.State Permitted Practices (Income): Permitted use of modified 1959 ADB Table	51	4	19	\$ (332,000)	\$ 182,000
4. Net Income, NAIC SAP:				\$ (383,937,451)	\$ (96,044,685)
5. Statutory Surplus, Minnesota State basis:				\$ 2,935,619,504	\$ 3,284,928,892
6. State Prescribed Practices (Surplus):	NONE	NONE	NONE	-	-
7. State Permitted Practices (Surplus): Permitted use of modified 1959 ADB Table	51	4	37	\$ 6,084,000	\$ 6,416,000
8. Statutory Surplus, NAIC SAP:				\$ 2,929,535,504	\$ 3,278,512,892

B. Not significant change

C. Not significant change

D. Not applicable

(2) Accounting Changes and Corrections of Errors

Not applicable

(3) Business Combinations and Goodwill

Not applicable

(4) Discontinued Operations

Not applicable

(5) Investments

A. Not significant change

B. Not significant change

C. Not applicable

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

NOTES TO FINANCIAL STATEMENTS

(5) Investments (continued)

D. Loan-Backed Securities

1. Prepayment assumptions for single class and multi-class mortgage-backed/asset-backed securities were obtained primarily from broker dealer survey values or internal estimates when survey values are not available.
2. The Company did not recognize any OTTI on loan backed securities during 2023. During 2022 the Company recognized OTTI on a certain loan backed securities due to the intent to sell as part of the reinsurance transaction described in Note 21C. The Company did not recognize any OTTI on loan backed securities due to the inability or lack of intent to retain a security for a period of time sufficient to recover the full amount of the initial investment in the security.

	(1) Amortized Cost Basis Before Other-than- Temporary Impairment	(2) Other-than-Temporary Impairment Recognized in Loss		(3) Fair Value 1 – (2a+2b)
		(2a) Interest	(2b) Non-interest	
OTTI recognized 1st Quarter				
a. Intent to sell	\$ -	\$ -	\$ -	\$ -
b. Inability or lack of intent to retain the investment in the security for a period of time sufficient to recover the amortized cost basis	\$ -	\$ -	\$ -	\$ -
c. Total 1st quarter	\$ -	\$ -	\$ -	\$ -
OTTI recognized 2nd Quarter				
d. Intent to sell	\$ -	\$ -	\$ -	\$ -
e. Inability or lack of intent to retain the investment in the security for a period of time sufficient to recover the amortized cost basis	\$ -	\$ -	\$ -	\$ -
f. Total 2nd quarter	\$ -	\$ -	\$ -	\$ -
OTTI recognized 3rd Quarter				
g. Intent to sell	\$ -	\$ -	\$ -	\$ -
h. Inability or lack of intent to retain the investment in the security for a period of time sufficient to recover the amortized cost basis	\$ -	\$ -	\$ -	\$ -
i. Total 3rd quarter	\$ -	\$ -	\$ -	\$ -
OTTI recognized 4th Quarter				
j. Intent to sell	\$ -	\$ -	\$ -	\$ -
k. Inability or lack of intent to retain the investment in the security for a period of time sufficient to recover the amortized cost basis	\$ -	\$ -	\$ -	\$ -
l. Total 4th quarter	\$ -	\$ -	\$ -	\$ -
m. Annual Aggregate Total			\$ -	

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

NOTES TO FINANCIAL STATEMENTS

(5) Investments (continued)

3. The detail for securities currently held by the Company with a recognized OTTI due to the present value of cash flows expected to be collected being less than the amortized cost of the security:

CUSIP	Book Adjusted Carrying Value Before Current Period OTTI	Present Value of Projected Cash Flows	Recognized OTTI	Amortized Cost After OTTI	Fair Value at Time of OTTI	Date of Financial Statement Where Reported
553514AL4	5,002,626	4,103,000	899,626	4,103,000	3,608,213	03/31/2023
Total	\$ 5,002,626	\$ 4,103,000	\$ 899,626	\$ 4,103,000	\$ 3,608,213	

4. All impaired securities (fair value is less than cost or amortized cost) for which an OTTI has not been recognized in earnings as a realized loss (including securities with a recognized OTTI for non-interest related declines when a non-recognized interest related impairment remains) as of June 30, 2023:

	Aggregate	Less than 12 Months	12 Months or Longer
A. Gross Unrealized Losses	464,225,474	48,345,180	415,880,294
B. Fair Value of Securities with Unrealized Losses	3,663,997,077	1,249,300,235	2,414,696,842

5. In determining whether a decline in value is other than temporary, the Company considers several factors including, but not limited to the following: the extent and duration of the decline in value; the Company's inability or lack of intent to retain the investment for a period of time sufficient to recover the amortized cost basis; and the performance of the security's underlying collateral and projected future cash flows. In projecting future cash flows, the Company incorporates inputs from third-party sources and applies reasonable judgment in developing assumptions used to estimate the probability and timing of collecting all contractual cash flows.

E. Not applicable

F. Not applicable

G. Not applicable

H. Not applicable

I. Not applicable

J. None

K. Not significant change

L. Not significant change

M. Not applicable

N. Not applicable

O. 5GI Securities

Investment	Number of 5GI Securities		Aggregate BACV		Aggregate Fair Value	
	Current Year	Prior Year	Current Year	Prior Year	Current Year	Prior Year
(1) Bonds - AC	4	3	\$ 9,873,660	\$ 6,432,137	\$ 9,407,657	\$ 6,430,033
(2) LB&SS - AC	-	1	-	250,000	-	262,043
(3) Preferred Stock - AC	-	-	-	-	-	-
(4) Preferred Stock - FV	-	-	-	-	-	-
Total	4	4	\$ 9,873,660	\$ 6,682,137	\$ 9,407,657	\$ 6,692,076

P. Not applicable

Q. Prepayment Penalty and Acceleration Fees

	General Account	Separate Account
(1) Number of CUSIPs	4	-
(2) Aggregate amount of investment income	\$ 5,716	\$ -

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

NOTES TO FINANCIAL STATEMENTS

(5) Investments (continued)

R. Not applicable

(6) Joint Ventures, Partnerships and Limited Liability Companies

No significant change

(7) Investment Income

No significant change

(8) Derivative Instruments

No significant change

(9) Income Taxes

No significant change

(10) Information Concerning Parent, Subsidiaries and Affiliates

A. The Company is a wholly-owned life insurance company of SFG. SFG is an intermediate stock holding company held by the mutual holding company, Minnesota Mutual Companies, Inc.

(11) Debt

A. Not applicable

B. FHLB (Federal Home Loan Bank) Agreements

(1) The Company is a member of the FHLB of Des Moines, Iowa. Through its membership, the Company has conducted business activity (borrowings) with FHLB. It is part of the Company's strategy to utilize these funds for both liquidity and general operating purposes. The Company has determined the actual/estimated maximum borrowing capacity as \$1,004,159,000 based on the current remaining pledged collateral capacity at the FHLB.

(2) FHLB Capital Stock

a. Aggregate Totals

1. Current Year	1 Total 2+3	2 General Account	3 Separate Account
(a) Membership stock – class A	10,000,000	10,000,000	-
(b) Membership stock – class B	-	-	-
(c) Activity stock	6,800,000	6,800,000	-
(d) Excess stock	-	-	-
(e) Aggregate total	16,800,000	16,800,000	-
(f) Actual or estimated borrowing capacity as determine by the insurer	1,004,159,000	xxx	xxx

1. Prior Year-end	1 Total 2+3	2 General Account	3 Separate Account
(a) Membership stock – class A	10,000,000	10,000,000	-
(b) Membership stock – class B	-	-	-
(c) Activity stock	4,800,000	4,800,000	-
(d) Excess stock	-	-	-
(e) Aggregate total	14,800,000	14,800,000	-
(f) Actual or estimated borrowing capacity as determine by the insurer	706,148,000	xxx	xxx

b. Membership Stock (Class A and B) Eligible for Redemption

Membership Stock	Current Year Total	Not Eligible for Redemption	Less Than 6 Months	6 months to Less Than 1 Year	1 to Less Than 3 Years	3 to 5 Years
1. Class A	10,000,000	10,000,000	-	-	-	-
2. Class B	-	-	-	-	-	-

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

NOTES TO FINANCIAL STATEMENTS

(11) Debt (continued)

(3) Collateral Pledged to FHLB

a. Amount Pledged as of Reporting Date

1. Current Year Total General and Separate Accounts	Fair Value	Carrying Value	Aggregate Total Borrowing
Total Collateral Pledged	1,377,443,000	1,553,621,000	170,000,000

2. Current Year General Account	Fair Value	Carrying Value	Aggregate Total Borrowing
Total Collateral Pledged	1,377,443,000	1,553,621,000	170,000,000

3. Current Year Separate Accounts	Fair Value	Carrying Value	Aggregate Total Borrowing
Total Collateral Pledged	-	-	-

4. Prior Year-end Total General and Separate Accounts	Fair Value	Carrying Value	Aggregate Total Borrowing
Total Collateral Pledged	990,785,000	1,080,755,000	120,000,000

(3) Collateral Pledged to FHLB (continued)

b. Maximum Amount Pledged During Reporting Period

1. Current Year Total General and Separate Accounts	Fair Value	Carrying Value	Amount Borrowed at Time of Maximum Collateral
Maximum Collateral Pledged	1,479,717,000	1,622,902,000	170,000,000

2. Current Year General Account	Fair Value	Carrying Value	Amount Borrowed at Time of Maximum Collateral
Maximum Collateral Pledged	1,479,717,000	1,622,902,000	170,000,000

3. Current Year Separate Accounts	Fair Value	Carrying Value	Amount Borrowed at Time of Maximum Collateral
Maximum Collateral Pledged	-	-	-

4. Prior Year-end Total General and Separate Accounts	Fair Value	Carrying Value	Amount Borrowed at Time of Maximum Collateral
Maximum Collateral Pledged	1,958,405,000	1,860,289,000	120,000,000

(4) Borrowing from FHLB

a. Amount as of the Reporting Date

1. Current Year	1	2	3	4
	Total 2+3	General Account	Separate Account	Funding Agreements Reserves Established
(a) Debt	170,000,000	170,000,000	-	xxx
(b) Funding Agreements	-	-	-	-
(c) Other	-	-	-	xxx
(d) Aggregate Total	170,000,000	170,000,000	-	-

2. Prior Year-end	1	2	3	4
	Total 2+3	General Account	Separate Account	Funding Agreements Reserves Established
(a) Debt	120,000,000	120,000,000	-	xxx
(b) Funding Agreements	-	-	-	-
(c) Other	-	-	-	xxx
(d) Aggregate Total	120,000,000	120,000,000	-	-

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

NOTES TO FINANCIAL STATEMENTS

(11) Debt (continued)

b. Maximum Amount during Reporting Period (Current Year)

	1	2	3
	Total 2+3	General Account	Separate Accounts
1. Debt	170,000,000	170,000,000	-
2. Funding Agreements	-	-	-
3. Other	-	-	-
4. Aggregate Total	170,000,000	170,000,000	-

c. FHLB – Prepayment Obligations

	Does the Company have prepayment obligations under the following arrangements (YES/NO)?
1. Debt	NO
2. Funding Agreements	NO
3. Other	NO

(12) Retirement Plans, Deferred Compensation, Postemployment Benefits and Compensated Absences and Other Postretirement Benefit Plans

A. Defined Benefit Plan

4. Components of net periodic benefit cost

	Pension Benefits		Postretirement Benefits		Special or Contractual Benefits Per SSAP No.11	
	2023	2022	2023	2022	2023	2022
In thousands						
a. Service cost	\$ -	\$ -	\$ 38	\$ 147	-	-
b. Interest cost	1,047	1,755	90	128	-	-
c. Expected return on plan assets	(894)	(1,804)	-	-	-	-
d. Transition asset or obligation			-	-	-	-
e. Gains and losses	-	1,712	(174)	(204)	-	-
f. Prior service cost or credit	-	-	-	(129)	-	-
g. Gain or loss recognized due to a settlement or curtailment	-	-	-	-	-	-
h. Total net periodic benefit cost	\$ 153	\$ 1,663	\$ (46)	\$ (58)	-	-

E. Defined Contribution Plan

The Company has a profit-sharing plan covering substantially all agents. The Company has expressed an intent to terminate the Plan.

(13) Capital and Surplus, Dividend Restrictions and Quasi-Reorganizations

No significant change

(14) Liabilities, Contingencies and Assessments

No significant change

(15) Leases

No significant change

(16) Information About Financial Instruments With Off-Balance Sheet Risk And Financial Instruments With Concentrations of Credit Risk

No significant change

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

NOTES TO FINANCIAL STATEMENTS

(17) Sale Transfer and Servicing of Financial Assets and Extinguishments of Liabilities

- A. Not applicable
- B. Not applicable
- C. Wash Sales

1. In the course of the reporting entity's asset management, securities are sold and reacquired within 30 days of the sale date.

2. The details by NAIC designation 3 or below, or unrated of securities sold during the year ended June 30, 2023 and reacquired within 30 days of the sale date are:

Description	NAIC Designation	Number of Transactions	Book Value of Securities Sold	Cost of Securities Repurchased	Gain (Loss)
Common Stocks		4	\$ 161,235	\$ 113,453	\$ (47,536)

(18) Gain or Loss to the Reporting Entity from Uninsured A&H Plans and the Uninsured Portion of Partially Insured Plans

Not applicable

(19) Direct Premium Written/Produced by Managing General Agents/Third Party Administrators

Not applicable

(20) Fair Value Measurements

- A. The fair value of the Company's financial assets and financial liabilities has been determined using available market information as of June 30, 2023. Although the Company is not aware of any factors that would significantly affect the fair value of financial assets and financial liabilities, such amounts have not been comprehensively revalued since those dates. Therefore, estimates of fair value subsequent to the valuation dates may differ significantly from the amounts presented herein. Considerable judgment is required to interpret market data to develop the estimates of fair value. The use of different market assumptions and/or estimation methodologies may have a material effect on the estimated fair value amounts.

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability (exit price) in an orderly transaction between market participants at the measurement date. In determining fair value, the Company primarily uses the market approach which utilizes prices and other relevant information generated by market transactions involving identical or comparable assets or liabilities. To a lesser extent, the Company also uses the income approach which uses discounted cash flows to determine fair value. When applying either approach, the Company maximizes the use of observable inputs and minimizes the use of unobservable inputs. Observable inputs reflect the assumptions market participants would use in valuing a financial instrument based on market data obtained from sources independent of the Company. Unobservable inputs reflect the Company's estimates about the assumptions market participants would use in valuing financial assets and financial liabilities based on the best information in the circumstances.

The Company is required to categorize its financial assets and financial liabilities carried at fair value on the statutory statements of admitted assets, liabilities and capital and surplus according to a three-level hierarchy. A level is assigned to each financial asset and financial liability based on the lowest level input that is significant to the fair value measurement in its entirety. The levels of fair value hierarchy are as follows:

Level 1 – Fair value is based on unadjusted quoted prices for identical assets or liabilities in an active market.

Level 2 – Fair value is based on significant inputs, other than quoted prices included in Level 1, that are observable in active markets for identical or similar assets and liabilities.

Level 3 – Fair value is based on at least one or more significant unobservable inputs. These inputs reflect the Company's assumptions about the inputs market participants would use in pricing the assets or liabilities.

The Company uses prices and inputs that are current as of the measurement date. In periods of market disruption, the ability to observe prices and inputs may be reduced, which could cause an asset or liability to be reclassified to a lower level.

Inputs used to measure fair value of an asset or liability may fall into different levels of the fair value hierarchy. In these situations, the Company will determine the level in which the fair value falls based upon the lowest level input that is significant to the determination of the fair value.

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

NOTES TO FINANCIAL STATEMENTS

(20) Fair Value Measurements (continued)

1. The following table summarizes the Company's financial assets and liabilities measured at fair value as of June 30, 2023 (in thousands):

Description	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Total
Cash equivalents	\$ 165,331	\$ -	\$ -	\$ -	\$ 165,331
Bonds					
Industrial and misc	\$ -	\$ 65	\$ -	-	\$ 65
Common stock:					
Industrial and misc	\$ 314,696	-	\$ 11,014	-	\$ 325,710
Preferred stocks	\$ 7,132	\$ 22,321	\$ -	-	\$ 29,453
Derivative assets:					
Swaps	\$ -	\$ -	\$ -	\$ -	\$ -
Futures	-	614	-	-	614
Options	-	998,473	-	-	998,473
Total derivatives	\$ -	\$ 999,087	\$ -	\$ -	\$ 999,087
Separate account assets	\$ 6,437,710	\$ 24,558,025	\$ 8,588	\$ -	\$ 31,004,323
Total assets	\$ 6,924,869	\$ 25,579,498	\$ 19,602	\$ -	\$ 32,532,969
Derivative liabilities	\$ -	\$ (568,656)	\$ -	\$ -	\$ (568,656)
Total liabilities	\$ -	\$ (568,656)	\$ -	\$ -	\$ (568,656)

2. Assets measured at fair value using significant unobservable inputs (Level 3):

(in thousands)	Balance at 03/31/2023	Transfers into level 3	Transfers out of level 3	Total gains and (losses) included in net income	Total gains and (losses) included in surplus	Purchases	Sales	Issuances	Balance at 06/30/2023
Common stocks	\$ 11,464	\$ -	\$ -	\$ -	\$ (450)	\$ -	\$ -	\$ -	\$ 11,014
Separate account assets	\$ 7,290	-	-	-	1,321	372	(395)	-	\$ 8,588
Total	\$ 18,754	\$ -	\$ -	\$ -	\$ 871	\$ 372	\$ (395)	\$ -	\$ 19,602

1. Transfers of securities among the levels occur at the beginning of the reporting period.
2. The methods and assumptions used to estimate the fair value of financial assets and liabilities are summarized as follows:

Common and Preferred Stocks

The fair values of equity securities are based on quoted market prices in active markets for identical assets and are classified within Level 1. The Company carries certain equity securities that are not priced on an exchange classified within Level 2. The Company receives these prices from third party pricing services using observable inputs for identical or similar assets in active markets. The Company carries a small amount of non-exchange traded equity securities classified within Level 3.

Derivative instruments

Derivative instrument fair values are based on quoted market prices when available. If a quoted market price is not available, fair value is estimated using current market assumptions and modeling techniques, which are then compared with quotes from counterparties.

The majority of the Company's derivative positions are traded in the over-the-counter (OTC) derivative market and are classified as Level 2. The fair values of most OTC derivatives are determined using discounted cash flow or third party pricing models. The significant inputs to the pricing models are observable in the market or can be derived principally from or corroborated by observable market data. Significant inputs that are observable generally include: interest rates, foreign currency exchange rates, interest rate curves, credit curves and volatility. However, certain OTC derivatives may rely on inputs that are significant to the estimated fair value that are not observable in the market or cannot be derived principally from or corroborated by observable market data. Significant inputs that are unobservable generally include: independent broker quotes and inputs that are outside the observable portion of the interest rate curve, credit curve, volatility or other relevant market measure. These unobservable inputs may involve significant management judgment or estimation. In general, OTC derivatives are compared to an outside broker quote when available and are reviewed in detail through the Company's valuation oversight group.

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

NOTES TO FINANCIAL STATEMENTS

(20) Fair Value Measurements (continued)

The credit risk of both the counterparty and the Company are considered in determining the estimated fair value for all OTC derivatives after taking into account the effects of netting agreements and collateral arrangements.

Cash equivalents

Cash equivalents include money market funds. Money market funds are generally valued using unadjusted quoted prices in active markets and are reflected in Level 1.

Separate account assets

Separate account assets are reported as a summarized total and are carried at estimated fair value based on the underlying assets in which the separate accounts are invested. Valuations for common stock and short-term investments are determined consistent with similar instruments as previously described. When available, fair values of bonds are based on quoted market prices of identical assets in active markets and are reflected in Level 1. When quoted prices are not available, the Company's process is to obtain prices from third party pricing services, when available, and generally classified the security as Level 2. Valuations for certain mutual funds and pooled separate accounts are classified as Level 2 as the values are based upon quoted prices or reported net asset values provided by the fund managers with little readily determinable public pricing information. Other valuations using internally developed pricing models or broker quotes are generally classified as Level 3.

B. Not applicable

C. The following table summarizes by level of fair value hierarchy the aggregate fair value of all financial assets and liabilities held by the Company as of June 30, 2023 (in thousands):

Type of Financial Instrument	Aggregate Fair Value	Admitted Asset Value	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Not Practicable Carrying Value
Assets:							
Bonds	\$ 17,824,814	\$ 20,491,425	\$ 183,880	\$ 14,430,999	\$ 3,209,935	\$ -	\$ -
Common stock	325,710	342,510	314,696	-	11,014	-	16,800
Preferred stock	102,620	107,042	7,875	22,322	72,423	-	-
Mortgage loans	4,756,921	5,337,483	-	-	4,756,921	-	-
Short terms	101,127	101,162	100,856	541	-	-	-
Cash Equivalents	168,322	168,321	165,331	2,991	-	-	-
Surplus Notes	136,405	184,200	-	136,405	-	-	-
Total investments	\$ 23,415,919	\$ 26,732,143	\$ 772,368	\$ 14,593,258	\$ 8,050,293	\$ -	\$ 16,800
Derivative Assets:							
Futures & Forward Contracts	\$ 614	\$ 614	\$ -	\$ 614	\$ -	\$ -	\$ -
Options	998,473	998,473	-	998,473	-	-	-
	-	-	-	-	-	-	-
Total derivatives	\$ 999,087	\$ 999,087	\$ -	\$ 999,087	\$ -	\$ -	\$ -
Policy loans	\$ 799,209	\$ 758,570	\$ -	\$ -	\$ 799,209	\$ -	\$ -
Separate account assets	\$ 31,004,323	\$ 31,004,323	\$ 6,437,710	\$ 24,558,025	\$ 8,588	\$ -	\$ -
Total assets	\$ 56,218,858	\$ 59,494,123	\$ 7,210,348	\$ 40,150,370	\$ 8,858,090	\$ -	\$ 16,800
Liabilities:							
Derivative liabilities:	\$ (568,656)	\$ (568,656)	\$ -	\$ (568,656)	\$ -	\$ -	\$ -
Total liabilities	\$ (568,656)	\$ (568,656)	\$ -	\$ (568,656)	\$ -	\$ -	\$ -
Deferred annuities	\$ 1,959,969	\$ 1,950,286	\$ -	\$ -	\$ 1,959,969	\$ -	\$ -
Annuity certain contracts	\$ 117,055	\$ 125,237	\$ -	\$ -	\$ 117,055	\$ -	\$ -
Other fund deposits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Supplementary contracts without life contingencies	\$ 180,931	\$ 180,931	\$ -	\$ -	\$ 180,931	\$ -	\$ -
Separate account liabilities	\$ 26,955,850	\$ 26,955,850	\$ 6,437,710	\$ 20,509,552	\$ 8,588	\$ -	\$ -
Total liabilities	\$ 28,645,149	\$ 28,643,648	\$ 6,437,710	\$ 19,940,896	\$ 2,266,543	\$ -	\$ -

D. The following table provides a summary of financial assets with a not practicable carrying value as of June 30, 2023 (in thousands):

	Carrying Value	Effective Interest Rate	Maturity Date	Explanation
Common stock	\$ 16,800	N/A	N/A	Nonmarketable FHLB membership stock held at cost

E. Not applicable

NOTES TO FINANCIAL STATEMENTS

(21) Other Items

- A. Not applicable
- B. Not applicable
- C. Other Disclosures

During 2022, the Company closed transactions to reinsure several closed blocks of individual life and individual annuity products and certain non-affiliated group annuity contracts (collectively, "the Transactions"). The Transactions included coinsurance and modified coinsurance structures with certain of the counterparties' reinsurance obligations secured via a trust established for the benefit of the Company. Closing of the Transactions resulted in an initial reinsurance ceded premium of \$3.6 billion and net realized losses on transferred assets of \$78,533 before taxes and transfers to IMR.

Risks

The Company's financial statements are based on estimates and assumptions that are subject to significant business, economic and competitive risks and uncertainties, many of which are beyond the Company's control or are subject to change. As such, actual results could differ from the estimates used in the financial statements and the value of the Company's investments, its financial condition and its liquidity could be adversely affected. The following risks and uncertainties, among others, may have such an effect:

- Economic environment and capital markets-related risks such as those related to interest rates, equity markets, credit spreads, real estate, and derivatives.
- Investment-related risks such as those related to valuation, impairment, and concentration.
- Business and operational-related risks such as those related to mortality/longevity, morbidity and claims experience, reinsurers and counterparties, liquidity, ratings, competition, cyber or other information security, fraud, and overall risk management.
- Catastrophic and pandemic event-related risks that may impact policyholder behavior and claims experience, volatility in financial markets and economic activity, and operations.
- Acquisition, disposition, or other structural change related risks.
- Regulatory and legal risks such as those related to changes in fiscal, tax and other legislation, insurance and other regulation, and accounting standards.

The Company actively monitors and manages risks and uncertainties through a variety of policies and procedures in an effort to mitigate or minimize the adverse impact of any exposures impacting the financial statements.

- D. Not applicable
- E. Not applicable
- F. Not applicable
- G. No significant change
- H. Not applicable
- I. Not applicable

(22) Events Subsequent

Not applicable.

(23) Reinsurance

The amount of reinsurance credits taken by the Company for the reinsurance transaction described in Note 21 was \$2.3 billion.

(24) Retrospectively Rated Contracts & Contracts Subject to Redetermination.

No significant change

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

NOTES TO FINANCIAL STATEMENTS

(25) Change in Incurred Losses and Loss Adjustment Expenses

Activity in the liability for unpaid accident and health claims and claim adjustment expenses is summarized as follows:

<i>In thousands</i>	<u>06/30/2023</u>	<u>12/31/2022</u>
Balance at January 1	\$ 617,902	\$ 620,648
Less: reinsurance recoverable	480,886	486,085
Net balance at January 1	137,016	134,563
Incurred related to:		
Current year	76,191	142,918
Prior years	(5,651)	(16,035)
Total incurred	70,540	126,613
Paid related to:		
Current year	19,196	56,983
Prior years	46,223	67,177
Total paid	65,419	124,160
Net balance at end of period	142,138	137,016
Plus: reinsurance recoverable	464,646	480,886
Balance at end period	<u>\$ 606,784</u>	<u>\$ 617,902</u>

The liability for unpaid accident and health claim adjustment expenses as of June 30, 2023, and 2022 was \$2,783,000 and \$2,779,000, respectively, and is included in the table above.

As a result of changes in estimates of claims incurred in prior years, the accident and health claims and claim adjustment expenses incurred increased (decreased) \$(5,651,000) and \$(16,305,000) as of June 30, 2023, and 2022, respectively. The changes in amounts are the result of normal reserve development inherent in the uncertainty of establishing the liability for unpaid accident and health claims and claim adjustment expenses.

The Company incurred \$1,248,000 and paid \$1,244,000 of claim adjustment expenses in the current year, of which \$847,000 of the paid amount was attributable to insured and covered events of prior years. The Company did not increase or decrease the provision for insured events of prior years.

(26) Intercompany Pooling Arrangements

Not applicable.

(27) Structured Settlements

Not applicable

(28) Health Care Receivables

Not applicable

(29) Participating Policies

Not significant

(30) Premium Deficiency Reserves

Not significant

(31) Reserves for Life Contracts and Annuity Contracts

No significant change

(32) Analysis of Annuity Actuarial Reserves and Deposit Type Contract Liabilities by Withdrawal Characteristics

No significant change

(33) Analysis of Life Actuarial Reserves by Withdrawal Characteristics

No significant change

NOTES TO FINANCIAL STATEMENTS

(34) Premium and Annuity Considerations Deferred and Uncollected

No significant change

(35) Separate Accounts

No significant change

(36) Loss/Claim Adjustment Expenses

No significant change

GENERAL INTERROGATORIES

PART 1 - COMMON INTERROGATORIES

GENERAL

- 1.1 Did the reporting entity experience any material transactions requiring the filing of Disclosure of Material Transactions with the State of Domicile, as required by the Model Act? Yes [] No [X]
- 1.2 If yes, has the report been filed with the domiciliary state? Yes [] No []
- 2.1 Has any change been made during the year of this statement in the charter, by-laws, articles of incorporation, or deed of settlement of the reporting entity? Yes [] No [X]
- 2.2 If yes, date of change:
- 3.1 Is the reporting entity a member of an Insurance Holding Company System consisting of two or more affiliated persons, one or more of which is an insurer? Yes [X] No []
If yes, complete Schedule Y, Parts 1 and 1A.
- 3.2 Have there been any substantial changes in the organizational chart since the prior quarter end? Yes [X] No []
- 3.3 If the response to 3.2 is yes, provide a brief description of those changes.
The Emyprean entities were non-operational entities that were dissolved.
- 3.4 Is the reporting entity publicly traded or a member of a publicly traded group? Yes [] No [X]
- 3.5 If the response to 3.4 is yes, provide the CIK (Central Index Key) code issued by the SEC for the entity/group.
- 4.1 Has the reporting entity been a party to a merger or consolidation during the period covered by this statement? Yes [] No [X]
- 4.2 If yes, provide the name of the entity, NAIC Company Code, and state of domicile (use two letter state abbreviation) for any entity that has ceased to exist as a result of the merger or consolidation.

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

5. If the reporting entity is subject to a management agreement, including third-party administrator(s), managing general agent(s), attorney-in-fact, or similar agreement, have there been any significant changes regarding the terms of the agreement or principals involved? Yes [] No [] N/A [X]
If yes, attach an explanation.
Not applicable
- 6.1 State as of what date the latest financial examination of the reporting entity was made or is being made. 12/31/2022
- 6.2 State the as of date that the latest financial examination report became available from either the state of domicile or the reporting entity. This date should be the date of the examined balance sheet and not the date the report was completed or released. 12/31/2017
- 6.3 State as of what date the latest financial examination report became available to other states or the public from either the state of domicile or the reporting entity. This is the release date or completion date of the examination report and not the date of the examination (balance sheet date). 06/05/2019
- 6.4 By what department or departments?
The Company is currently under a group level examination conducted by the Minnesota Department of Commerce with the Vermont Department of Insurance participating.
- 6.5 Have all financial statement adjustments within the latest financial examination report been accounted for in a subsequent financial statement filed with Departments? Yes [] No [] N/A [X]
- 6.6 Have all of the recommendations within the latest financial examination report been complied with? Yes [] No [] N/A [X]
- 7.1 Has this reporting entity had any Certificates of Authority, licenses or registrations (including corporate registration, if applicable) suspended or revoked by any governmental entity during the reporting period? Yes [] No [X]
- 7.2 If yes, give full information:
Not applicable
- 8.1 Is the company a subsidiary of a bank holding company regulated by the Federal Reserve Board? Yes [] No [X]
- 8.2 If response to 8.1 is yes, please identify the name of the bank holding company.
Not applicable
- 8.3 Is the company affiliated with one or more banks, thrifts or securities firms? Yes [X] No []
- 8.4 If response to 8.3 is yes, please provide below the names and location (city and state of the main office) of any affiliates regulated by a federal regulatory services agency [i.e. the Federal Reserve Board (FRB), the Office of the Comptroller of the Currency (OCC), the Federal Deposit Insurance Corporation (FDIC) and the Securities Exchange Commission (SEC)] and identify the affiliate's primary federal regulator.

1 Affiliate Name	2 Location (City, State)	3 FRB	4 OCC	5 FDIC	6 SEC
Securian Financial Services, Inc.	St. Paul, MN	NO	NO	NO	YES
Securian Trust Company, N. A.	St. Paul, MN	NO	YES	NO	NO
Asset Allocation & Management Company, LLC	Chicago, IL	NO	NO	NO	YES
Securian Asset Management	St. Paul, MN	NO	NO	NO	YES

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

GENERAL INTERROGATORIES

- 9.1 Are the senior officers (principal executive officer, principal financial officer, principal accounting officer or controller, or persons performing similar functions) of the reporting entity subject to a code of ethics, which includes the following standards? Yes [X] No []
- (a) Honest and ethical conduct, including the ethical handling of actual or apparent conflicts of interest between personal and professional relationships;
- (b) Full, fair, accurate, timely and understandable disclosure in the periodic reports required to be filed by the reporting entity;
- (c) Compliance with applicable governmental laws, rules and regulations;
- (d) The prompt internal reporting of violations to an appropriate person or persons identified in the code; and
- (e) Accountability for adherence to the code.
- 9.11 If the response to 9.1 is No, please explain:
Not applicable
- 9.2 Has the code of ethics for senior managers been amended? Yes [X] No []
- 9.21 If the response to 9.2 is Yes, provide information related to amendment(s).
The Company makes amendments to our Code of Ethics every year to maintain appropriate focus on emerging or relevant issues.
- 9.3 Have any provisions of the code of ethics been waived for any of the specified officers? Yes [] No [X]
- 9.31 If the response to 9.3 is Yes, provide the nature of any waiver(s).
Not applicable

FINANCIAL

- 10.1 Does the reporting entity report any amounts due from parent, subsidiaries or affiliates on Page 2 of this statement? Yes [X] No []
- 10.2 If yes, indicate any amounts receivable from parent included in the Page 2 amount: \$ 2,055,788

INVESTMENT

- 11.1 Were any of the stocks, bonds, or other assets of the reporting entity loaned, placed under option agreement, or otherwise made available for use by another person? (Exclude securities under securities lending agreements.) Yes [X] No []
- 11.2 If yes, give full and complete information relating thereto:
FHLB Capital Stock - 16,800,000 On deposit with states - 8,102,155 Pledged as collateral (excluding FHLB) - 98,176,605 Pledged as collateral to FHLB - 1,553,620,988 Other - 149,802
12. Amount of real estate and mortgages held in other invested assets in Schedule BA: \$
13. Amount of real estate and mortgages held in short-term investments: \$
- 14.1 Does the reporting entity have any investments in parent, subsidiaries and affiliates? Yes [X] No []
- 14.2 If yes, please complete the following:
- | | 1
Prior Year-End
Book/Adjusted
Carrying Value | 2
Current Quarter
Book/Adjusted
Carrying Value |
|---|--|---|
| 14.21 Bonds | \$ | \$ |
| 14.22 Preferred Stock | \$ | \$ |
| 14.23 Common Stock | \$ 480,704,464 | \$ 474,689,988 |
| 14.24 Short-Term Investments | \$ | \$ |
| 14.25 Mortgage Loans on Real Estate | \$ | \$ |
| 14.26 All Other | \$ 204,680,485 | \$ 236,374,923 |
| 14.27 Total Investment in Parent, Subsidiaries and Affiliates (Subtotal Lines 14.21 to 14.26) | \$ 685,384,949 | \$ 711,064,911 |
| 14.28 Total Investment in Parent included in Lines 14.21 to 14.26 above | \$ | \$ |
- 15.1 Has the reporting entity entered into any hedging transactions reported on Schedule DB? Yes [X] No []
- 15.2 If yes, has a comprehensive description of the hedging program been made available to the domiciliary state? Yes [X] No [] N/A []
If no, attach a description with this statement.
Not applicable
16. For the reporting entity's security lending program, state the amount of the following as of the current statement date:
- 16.1 Total fair value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2. \$
- 16.2 Total book/adjusted carrying value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2 \$
- 16.3 Total payable for securities lending reported on the liability page. \$

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY
GENERAL INTERROGATORIES

17. Excluding items in Schedule E - Part 3 - Special Deposits, real estate, mortgage loans and investments held physically in the reporting entity's offices, vaults or safety deposit boxes, were all stocks, bonds and other securities, owned throughout the current year held pursuant to a custodial agreement with a qualified bank or trust company in accordance with Section 1, III - General Examination Considerations, F. Outsourcing of Critical Functions, Custodial or Safekeeping Agreements of the NAIC Financial Condition Examiners Handbook? Yes [X] No []
- 17.1 For all agreements that comply with the requirements of the NAIC Financial Condition Examiners Handbook, complete the following:

1 Name of Custodian(s)	2 Custodian Address
BNY Mellon	One Mellon Center, Pittsburgh, PA 15258
US Bank, N.A.	800 Nicollet Mall, Minneapolis, MN 55402
FHLB Des Moines	801 Walnut St, Des Moines, IA 50309

- 17.2 For all agreements that do not comply with the requirements of the NAIC Financial Condition Examiners Handbook, provide the name, location and a complete explanation:

1 Name(s)	2 Location(s)	3 Complete Explanation(s)

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

- 17.4 If yes, give full information relating thereto:

1 Old Custodian	2 New Custodian	3 Date of Change	4 Reason

- 17.5 Investment management – Identify all investment advisors, investment managers, broker/dealers, including individuals that have the authority to make investment decisions on behalf of the reporting entity. For assets that are managed internally by employees of the reporting entity, note as such. ["...that have access to the investment accounts"; "...handle securities"]

1 Name of Firm or Individual	2 Affiliation
Securian Asset Management, Inc	A.....
Macquarie Asset Management	U.....
Templeton Investment Counsel, LLC	U.....
Fort Washington Investment Advisors	U.....

- 17.5097 For those firms/individuals listed in the table for Question 17.5, do any firms/individuals unaffiliated with the reporting entity (i.e. designated with a "U") manage more than 10% of the reporting entity's invested assets?..... Yes [] No [X]

- 17.5098 For firms/individuals unaffiliated with the reporting entity (i.e. designated with a "U") listed in the table for Question 17.5, does the total assets under management aggregate to more than 50% of the reporting entity's invested assets?..... Yes [] No [X]

- 17.6 For those firms or individuals listed in the table for 17.5 with an affiliation code of "A" (affiliated) or "U" (unaffiliated), provide the information for the table below.

1 Central Registration Depository Number	2 Name of Firm or Individual	3 Legal Entity Identifier (LEI)	4 Registered With	5 Investment Management Agreement (IMA) Filed
109905	Securian Asset Management, Inc	5URRAMPU5ELN1W8AQB87	SEC	NO.....
277065	Macquarie Asset Management .....	.....	SEC	NO.....
111383	Templeton Investment Counsel, LLC .....	.....	SEC	NO.....
107126	Fort Washington Investment Advisors .....	.....	SEC	NO.....

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

- 18.2 If no, list exceptions:

Not applicable

19. By self-designating 5GI securities, the reporting entity is certifying the following elements for each self-designated 5GI security:

- a. Documentation necessary to permit a full credit analysis of the security does not exist or an NAIC CRP credit rating for an FE or PL security is not available.
- b. Issuer or obligor is current on all contracted interest and principal payments.
- c. The insurer has an actual expectation of ultimate payment of all contracted interest and principal.

- Has the reporting entity self-designated 5GI securities? Yes [X] No []

20. By self-designating PLGI securities, the reporting entity is certifying the following elements of each self-designated PLGI security:

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

- Has the reporting entity self-designated PLGI securities? Yes [] No [X]

21. By assigning FE to a Schedule BA non-registered private fund, the reporting entity is certifying the following elements of each self-designated FE fund:

- a. The shares were purchased prior to January 1, 2019.
- b. The reporting entity is holding capital commensurate with the NAIC Designation reported for the security.
- c. The security had a public credit rating(s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO prior to January 1, 2019.
- d. The fund only or predominantly holds bonds in its portfolio.
- e. The current reported NAIC Designation was derived from the public credit rating(s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO.
- f. The public credit rating(s) with annual surveillance assigned by an NAIC CRP has not lapsed.

- Has the reporting entity assigned FE to Schedule BA non-registered private funds that complied with the above criteria? Yes [] No [X]

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

GENERAL INTERROGATORIES

PART 2 - LIFE AND ACCIDENT AND HEALTH COMPANIES/FRATERNAL BENEFIT SOCIETIES

Life and Accident Health Companies/Fraternal Benefit Societies:

1. Report the statement value of mortgage loans at the end of this reporting period for the following categories:
- | | 1
Amount |
|---|-----------------------|
| 1.1 Long-Term Mortgages In Good Standing | |
| 1.11 Farm Mortgages | \$..... |
| 1.12 Residential Mortgages | \$..... |
| 1.13 Commercial Mortgages | \$..... 5,337,482,636 |
| 1.14 Total Mortgages in Good Standing | \$..... 5,337,482,636 |
| 1.2 Long-Term Mortgages In Good Standing with Restructured Terms | |
| 1.21 Total Mortgages in Good Standing with Restructured Terms..... | \$..... |
| 1.3 Long-Term Mortgage Loans Upon which Interest is Overdue more than Three Months | |
| 1.31 Farm Mortgages | \$..... |
| 1.32 Residential Mortgages | \$..... |
| 1.33 Commercial Mortgages | \$..... |
| 1.34 Total Mortgages with Interest Overdue more than Three Months | \$..... |
| 1.4 Long-Term Mortgage Loans in Process of Foreclosure | |
| 1.41 Farm Mortgages | \$..... |
| 1.42 Residential Mortgages | \$..... |
| 1.43 Commercial Mortgages | \$..... |
| 1.44 Total Mortgages in Process of Foreclosure | \$..... |
| 1.5 Total Mortgage Loans (Lines 1.14 + 1.21 + 1.34 + 1.44) (Page 2, Column 3, Lines 3.1 + 3.2) | \$..... 5,337,482,636 |
| 1.6 Long-Term Mortgages Foreclosed, Properties Transferred to Real Estate in Current Quarter | |
| 1.61 Farm Mortgages | \$..... |
| 1.62 Residential Mortgages | \$..... |
| 1.63 Commercial Mortgages | \$..... |
| 1.64 Total Mortgages Foreclosed and Transferred to Real Estate | \$..... |
| 2. Operating Percentages: | |
| 2.1 A&H loss percent | 34.000 % |
| 2.2 A&H cost containment percent | 0.140 % |
| 2.3 A&H expense percent excluding cost containment expenses | 63.000 % |
| 3.1 Do you act as a custodian for health savings accounts? | Yes [] No [X] |
| 3.2 If yes, please provide the amount of custodial funds held as of the reporting date | \$..... |
| 3.3 Do you act as an administrator for health savings accounts? | Yes [] No [X] |
| 3.4 If yes, please provide the balance of the funds administered as of the reporting date | \$..... |
| 4. Is the reporting entity licensed or chartered, registered, qualified, eligible or writing business in at least two states? | Yes [X] No [] |
| 4.1 If no, does the reporting entity assume reinsurance business that covers risks residing in at least one state other than the state of domicile of the reporting entity? | Yes [] No [] |

Fraternal Benefit Societies Only:

- 5.1 In all cases where the reporting entity has assumed accident and health risks from another company, provisions should be made in this statement on account of such reinsurances for reserve equal to that which the original company would have been required to establish had it retained the risks. Has this been done? Yes [] No [] N/A []
- 5.2 If no, explain:
Not applicable
- 6.1 Does the reporting entity have outstanding assessments in the form of liens against policy benefits that have increased surplus? Yes [] No []
- 6.2 If yes, what is the date(s) of the original lien and the total outstanding balance of liens that remain in surplus?

Date	Outstanding Lien Amount
.....

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY
SCHEDULE T - PREMIUMS AND ANNUITY CONSIDERATIONS

Current Year To Date - Allocated by States and Territories

	1	Life Contracts		Direct Business Only			7
		2	3	4	5	6	
States, Etc.	Active Status (a)	Life Insurance Premiums	Annuity Considerations	Accident and Health Insurance Premiums, Including Policy, Membership and Other Fees	Other Considerations	Total Columns 2 Through 5	Deposit-Type Contracts
1. Alabama	AL	14,321,828	2,387,428	8,562,485	1,465,769	26,737,510	592,822
2. Alaska	AK	1,254,193	94,780	692,500	1,688,088	3,729,561	
3. Arizona	AZ	44,657,173	7,166,704	5,501,973	31,949,564	89,275,414	1,542,158
4. Arkansas	AR	4,945,991	1,038,543	1,340,807	17,938,331	25,263,672	31,844
5. California	CA	166,377,572	26,750,214	18,541,840	137,238,569	348,908,195	17,971,662
6. Colorado	CO	27,039,101	5,372,679	2,304,645	50,521,882	85,238,307	673,716
7. Connecticut	CT	16,204,323	5,912,158	1,911,324	8,065,749	32,093,554	4,160,966
8. Delaware	DE	16,401,675	1,788,581	538,600	424,337	19,153,193	211,819
9. District of Columbia	DC	1,773,026	1,071,673	223,638	1,345,264	4,413,601	44,307
10. Florida	FL	106,562,192	51,416,821	17,858,005	46,030,645	221,867,663	10,562,691
11. Georgia	GA	34,376,436	7,758,485	9,015,918	37,454,400	88,605,239	6,311,775
12. Hawaii	HI	9,707,444	5,988,134	2,240,879	1,144,174	19,080,631	4,863,121
13. Idaho	ID	10,172,754	942,337	1,249,078	4,706,388	17,070,557	14,726,163
14. Illinois	IL	54,582,419	14,751,914	3,471,849	131,268,758	204,074,940	1,451,106
15. Indiana	IN	33,845,372	9,135,801	3,753,917	98,292,695	145,027,785	716,239
16. Iowa	IA	26,764,960	4,657,352	1,487,616	14,075,099	46,985,027	230,031
17. Kansas	KS	11,265,384	1,965,762	1,680,855	9,273,409	24,185,410	2,170,544
18. Kentucky	KY	8,862,179	2,426,830	2,400,362	14,306,446	27,995,817	155,406
19. Louisiana	LA	25,624,497	4,683,181	2,121,005	19,888,859	52,317,542	711,407
20. Maine	ME	3,206,333	1,238,442	929,625	824,239	6,198,639	3,759
21. Maryland	MD	26,495,597	5,505,303	3,044,725	10,886,223	45,931,848	733,833
22. Massachusetts	MA	30,393,800	6,296,650	2,850,636	93,411,915	132,953,001	680,569
23. Michigan	MI	76,162,073	12,302,269	8,869,617	29,791,038	127,124,997	1,820,363
24. Minnesota	MN	65,430,093	23,351,397	2,213,652	475,260,754	566,255,896	12,343,336
25. Mississippi	MS	14,670,637	399,464	3,867,509	13,273,609	32,211,219	653,744
26. Missouri	MO	36,236,916	10,303,930	4,600,586	44,000,380	95,141,812	1,849,525
27. Montana	MT	6,080,960	481,484	354,389	1,201,808	8,118,641	7,124
28. Nebraska	NE	19,133,109	5,417,742	825,013	30,728,752	56,104,616	559,724
29. Nevada	NV	11,574,776	6,078,123	1,378,736	8,829,214	27,860,849	594,297
30. New Hampshire	NH	6,945,343	1,374,179	681,307	1,525,742	10,526,571	39,545
31. New Jersey	NJ	38,401,869	14,364,335	3,080,955	8,496,890	64,344,049	725,475
32. New Mexico	NM	7,229,150	1,727,845	1,547,301	678,082	11,182,378	887,565
33. New York	NY	12,702,835	4,652	258,443	163,337	13,129,267	100,605
34. North Carolina	NC	32,469,391	121,039,008	10,702,794	16,282,656	180,493,849	853,926
35. North Dakota	ND	6,926,554	5,880,885	702,143	8,798,193	22,307,775	317
36. Ohio	OH	49,812,024	39,675,009	10,135,657	7,424,876	107,047,566	1,318,412
37. Oklahoma	OK	12,366,257	4,867,573	3,235,366	19,841,237	40,310,433	701,973
38. Oregon	OR	10,921,948	3,891,077	2,989,616	(481,178)	17,320,863	3,102,810
39. Pennsylvania	PA	48,600,177	61,718,186	7,881,996	24,892,071	143,092,430	1,382,988
40. Rhode Island	RI	4,683,690	1,551,049	329,129	632,822	7,196,690	874,116
41. South Carolina	SC	17,412,096	24,029,728	7,932,152	3,262,972	52,636,948	171,990
42. South Dakota	SD	4,875,239	402,044	340,371	14,060,794	19,678,448	16,171
43. Tennessee	TN	32,976,199	4,535,120	5,289,342	20,836,095	63,636,756	1,470,772
44. Texas	TX	166,296,913	43,717,934	21,904,894	75,251,350	307,171,091	10,129,041
45. Utah	UT	17,811,764	1,233,872	2,716,698	70,508,004	92,270,338	700,491
46. Vermont	VT	3,431,894	1,347,206	208,155	135,876	5,123,131	18,580
47. Virginia	VA	199,426,052	10,310,991	5,736,929	12,423,016	227,896,988	8,992,831
48. Washington	WA	22,994,042	3,095,187	5,806,501	12,814,616	44,710,346	436,031
49. West Virginia	WV	4,698,337	865,181	1,554,891	152,665	7,271,074	604,318
50. Wisconsin	WI	99,100,800	9,245,821	1,843,040	50,020,361	160,210,022	(36,115,053)
51. Wyoming	WY	1,822,167	67,756	308,640	501,753	2,700,316	3,664
52. American Samoa	AS	N					
53. Guam	GU	76,065		253,866		329,931	
54. Puerto Rico	PR	378,314	29,165	56,949		464,428	13,901
55. U.S. Virgin Islands	VI	202		5		207	
56. Northern Mariana Islands	MP	N					
57. Canada	CAN	91,623		2,732		94,355	816
58. Aggregate Other Aliens	OT	642,947	454,272	14,271		1,111,490	5,248
59. Subtotal	XXX	1,707,216,705	582,112,256	209,345,927	1,683,507,988	4,182,182,876	82,810,584
90. Reporting entity contributions for employee benefits plans	XXX						
91. Dividends or refunds applied to purchase paid-up additions and annuities	XXX	14,456,917				14,456,917	
92. Dividends or refunds applied to shorten endowment or premium paying period	XXX						
93. Premium or annuity considerations waived under disability or other contract provisions	XXX	2,753,570		360,916		3,114,486	
94. Aggregate or other amounts not allocable by State	XXX						
95. Totals (Direct Business)	XXX	1,724,427,192	582,112,256	209,706,843	1,683,507,988	4,199,754,279	82,810,584
96. Plus Reinsurance Assumed	XXX	418,011,142		20,673,266	82,218	438,766,626	
97. Totals (All Business)	XXX	2,142,438,334	582,112,256	230,380,109	1,683,590,206	4,638,520,905	82,810,584
98. Less Reinsurance Ceded	XXX	920,359,422	(218,613)	26,823,342	1,387,168,113	2,334,132,264	
99. Totals (All Business) less Reinsurance Ceded	XXX	1,222,078,912	582,330,869	203,556,767	296,422,093	2,304,388,641	82,810,584
DETAILS OF WRITE-INS							
58001. Other Alien	XXX	642,947	454,272	14,271		1,111,490	5,248
58002.	XXX						
58003.	XXX						
58998. Summary of remaining write-ins for Line 58 from overflow page	XXX						
58999. Totals (Lines 58001 through 58003 plus 58998)(Line 58 above)	XXX	642,947	454,272	14,271		1,111,490	5,248
9401.	XXX						
9402.	XXX						
9403.	XXX						
9498. Summary of remaining write-ins for Line 94 from overflow page	XXX						
9499. Totals (Lines 9401 through 9403 plus 9498)(Line 94 above)	XXX						

(a) Active Status Counts:

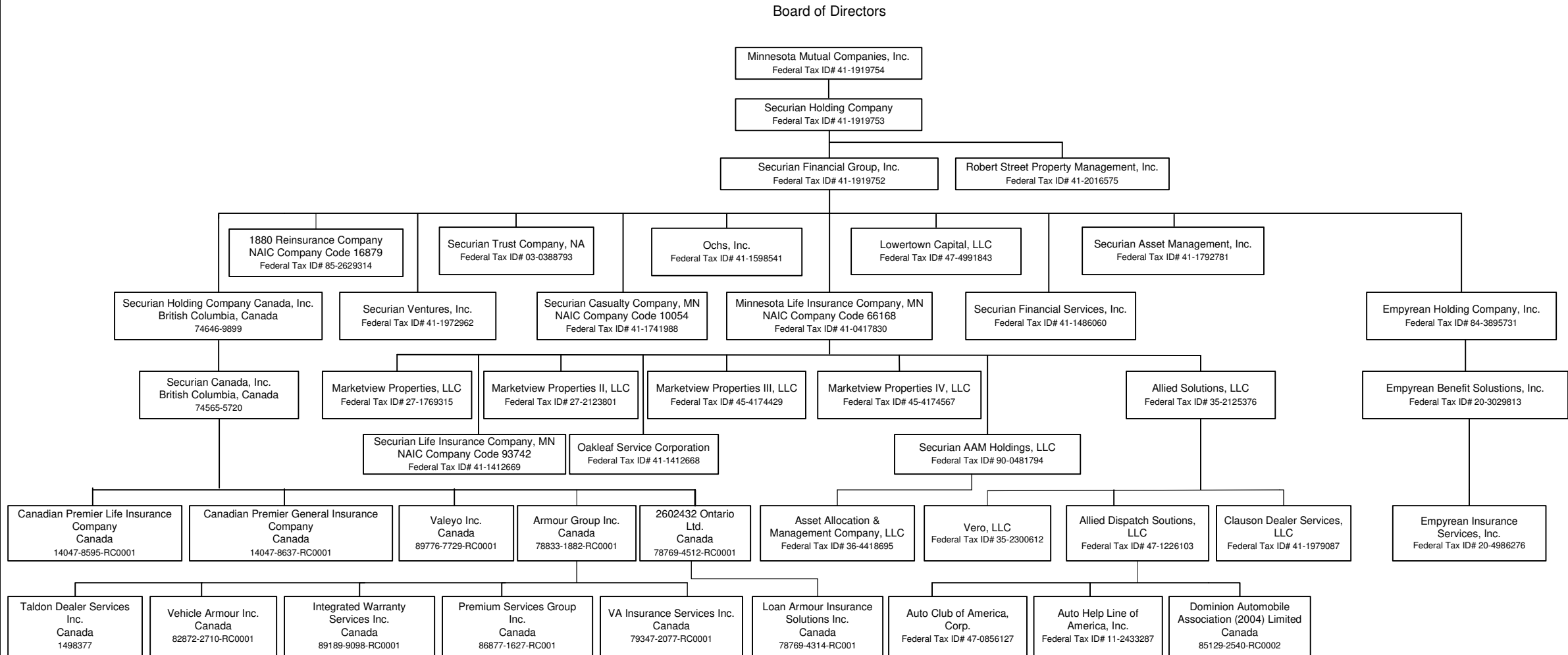
- 1. L - Licensed or Chartered - Licensed insurance carrier or domiciled RRG..... 53
- 2. R - Registered - Non-domiciled RRGs.....
- 3. E - Eligible - Reporting entities eligible or approved to write surplus lines in the state.....
- 4. Q - Qualified - Qualified or accredited reinsurer.....
- 5. N - None of the above - Not allowed to write business in the state..... 4

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

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

Organization Chart of Minnesota Mutual Companies, Inc., Subsidiaries, and Affiliates

Policyholders of Minnesota Mutual Companies, Inc.



STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domiciliary Location	Relationship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Required? (Yes/No)	*
.0869	Minnesota Mutual Group	16879	85-2629314				1880 REINSURANCE COMPANY	VT	IA	SECURIAN FINANCIAL GROUP, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
							2602432 ONTARIO LTD.	CAN	NIA	SECURIAN CANADA, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			47-1226103				ALLIED DISPATCH SOLUTIONS, LLC	TN	DS	ALLIED SOLUTIONS, LLC	Ownership	80.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	3
			35-2125376				ALLIED SOLUTIONS, LLC	IN	DS	MINNESOTA LIFE INSURANCE COMPANY	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
							ARMOUR GROUP INC.	CAN	NIA	SECURIAN CANADA, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			36-4418695				ASSET ALLOCATION & MANAGEMENT COMPANY, LLC	IL	DS	SECURIAN AAM HOLDINGS, LLC	Ownership	66.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			47-0856127				AUTO CLUB OF AMERICA, CORP.	OK	DS	ALLIED DISPATCH SOLUTIONS, LLC	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			11-2433287				AUTO HELP LINE OF AMERICA, INC.	OK	DS	ALLIED DISPATCH SOLUTIONS, LLC	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
							CANADIAN PREMIER GENERAL INSURANCE COMPANY	CAN	IA	SECURIAN CANADA, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
							CANADIAN PREMIER LIFE INSURANCE COMPANY	CAN	IA	SECURIAN CANADA, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			41-1979087				CLAUSON DEALER SERVICE, LLC	DE	DS	ALLIED SOLUTIONS, LLC	Ownership	75.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	2
							DOMINION AUTOMOBILE ASSOCIATION (2004) LIMITED	CAN	DS	ALLIED DISPATCH SOLUTIONS, LLC	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			20-3029813				EMPYREAN BENEFIT SOLUTIONS, INC.	DE	NIA	EMPYREAN HOLDING COMPANY, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			84-3895731				EMPYREAN HOLDING COMPANY, INC.	DE	NIA	SECURIAN FINANCIAL GROUP, INC.	Ownership	96.370	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	1
			20-4986276				EMPYREAN INSURANCE SERVICES, INC.	TX	NIA	EMPYREAN BENEFIT SOLUTIONS, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
							INTEGRATED WARRANTY SERVICES INC.	CAN	NIA	ARMOUR GROUP INC	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
							LOAN ARMOUR INSURANCE SOLUTIONS INC.	CAN	NIA	2602432 ONTARIO LTD.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			47-4991843				LOWERTOWN CAPITAL, LLC	DE	NIA	SECURIAN FINANCIAL GROUP, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			27-2123801				MARKETVIEW PROPERTIES II, LLC	MN	DS	MINNESOTA LIFE INSURANCE COMPANY	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			45-4174429				MARKETVIEW PROPERTIES III, LLC	MN	DS	MINNESOTA LIFE INSURANCE COMPANY	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			45-4174567				MARKETVIEW PROPERTIES IV, LLC	MN	DS	MINNESOTA LIFE INSURANCE COMPANY	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			27-1769315				MARKETVIEW PROPERTIES, LLC	MN	DS	MINNESOTA LIFE INSURANCE COMPANY	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
.0869	Minnesota Mutual Group	66168	41-0417830				MINNESOTA LIFE INSURANCE COMPANY	MIN	RE	SECURIAN FINANCIAL GROUP, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			41-1919754				MINNESOTA MUTUAL COMPANIES, INC.	MIN	UIP	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			41-1412668				OAKLEAF SERVICE CORPORATION	MIN	DS	MINNESOTA LIFE INSURANCE COMPANY	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			41-1598541				OCHS, INC.	MIN	NIA	SECURIAN FINANCIAL GROUP, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domiciliary Location	Relationship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Required? (Yes/No)	*
							PREMIUM SERVICES GROUP INC.	.CAN.	NIA	ARMOUR GROUP INC	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			41-2016575				ROBERT STREET PROPERTY MANAGEMENT, INC.	.MN.	NIA	SECURIAN FINANCIAL GROUP, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			90-0481794				SECURIAN AAM HOLDINGS, LLC	.DE.	DS	MINNESOTA LIFE INSURANCE COMPANY	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			41-1792781				SECURIAN ASSET MANAGEMENT, INC.	.MN.	NIA	SECURIAN FINANCIAL GROUP, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
							SECURIAN CANADA, INC	.CAN.	NIA	SECURIAN HOLDING COMPANY CANADA, INC	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
.0869	Minnesota Mutual Group	10054	41-1741988				SECURIAN CASUALTY COMPANY	.MN.	IA	SECURIAN FINANCIAL GROUP, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			41-1919752				SECURIAN FINANCIAL GROUP, INC.	.DE.	UDP	SECURIAN HOLDING COMPANY	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			41-1486060				SECURIAN FINANCIAL SERVICES, INC.	.MN.	NIA	SECURIAN FINANCIAL GROUP, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			41-1919753				SECURIAN HOLDING COMPANY	.DE.	UIP	MINNESOTA MUTUAL COMPANIES, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
							SECURIAN HOLDING COMPANY CANADA, INC	.CAN.	NIA	SECURIAN FINANCIAL GROUP, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
.0869	Minnesota Mutual Group	93742	41-1412669				SECURIAN LIFE INSURANCE COMPANY	.MN.	DS	MINNESOTA LIFE INSURANCE COMPANY	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			03-0388793	3089752			SECURIAN TRUST COMPANY, NA	.US.	NIA	SECURIAN FINANCIAL GROUP, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			41-1972962				SECURIAN VENTURES, INC.	.MN.	NIA	SECURIAN FINANCIAL GROUP, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
							TALDON DEALER SERVICES INC.	.CAN.	NIA	ARMOUR GROUP INC	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
							VA INSURANCE SERVICES INC.	.CAN.	NIA	ARMOUR GROUP INC	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
							VALEYO INC.	.CAN.	NIA	SECURIAN CANADA, INC	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
							VEHICLE ARMOUR INC.	.CAN.	NIA	ARMOUR GROUP INC	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			35-2300612				VERO, LLC	.DE.	DS	ALLIED SOLUTIONS, LLC	Ownership	93.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	4

Asterisk	Explanation
1	Non-Controlling Interest held by members of Empryea Management.
2	Non-Controlling Interest held by Clauson Holdings, Inc.
3	Non-Controlling Interests are held by unrelated individuals.
4	Non-Controlling Interests are held by unrelated individuals.

SUPPLEMENTAL EXHIBITS AND SCHEDULES INTERROGATORIES

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

	Response
1. Will the Trusteed Surplus Statement be filed with the state of domicile and the NAIC with this statement?	NO
2. Will the Medicare Part D Coverage Supplement be filed with the state of domicile and the NAIC with this statement?	NO
3. Will the Reasonableness of Assumptions Certification required by Actuarial Guideline XXXV be filed with the state of domicile and electronically with the NAIC?	NO
4. Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXV be filed with the state of domicile and electronically with the NAIC?	YES
5. Will the Reasonableness of Assumptions Certification for Implied Guaranteed Rate Method required by Actuarial Guideline XXXVI be filed with the state of domicile and electronically with the NAIC?	NO
6. Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Average Market Value) be filed with the state of domicile and electronically with the NAIC?	NO
7. Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Market Value) be filed with the state of domicile and electronically with the NAIC?	YES
8. Will the Life PBR Statement of Exemption be filed with the state of domicile by July 1st and electronically with the NAIC with the second quarterly filing per the Valuation Manual (by August 15)? (2nd Quarter Only) The response for 1st and 3rd quarters should be N/A. A NO response resulting with a bar code is only appropriate in the 2nd quarter. In the case of an ongoing statement of exemption, enter "SEE EXPLANATION" and provide as an explanation that the company is utilizing an ongoing statement of exemption.	N/A

AUGUST FILING

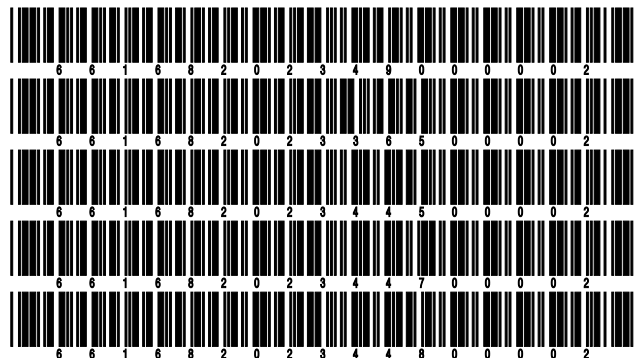
9. Will the regulator-only (non-public) Communication of Internal Control Related Matters Noted in Audit be filed with the state of domicile and electronically with the NAIC (as a regulator-only non-public document) by August 1? The response for 1st and 3rd quarters should be N/A. A NO response resulting with a bar code is only appropriate in the 2nd quarter.	N/A
--	-----

Explanation:

1. Not applicable
2. Not applicable
3. Reasonableness & Consistency of Assumptions Certification filed.
5. Reasonableness & Consistency of Assumptions Certification (Updated Market Value) filed.
6. Reasonableness & Consistency of Assumptions Certification (Updated Market Value) filed.

Bar Code:

1. Trusteed Surplus Statement [Document Identifier 490]
2. Medicare Part D Coverage Supplement [Document Identifier 365]
3. Reasonableness of Assumptions Certification required by Actuarial Guideline XXXV [Document Identifier 445]
5. Reasonableness of Assumptions Certification for Implied Guaranteed Rate Method required by Actuarial Guideline XXXVI [Document Identifier 447]
6. Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI [Document Identifier 448]



OVERFLOW PAGE FOR WRITE-INS

Additional Write-ins for Summary of Operations Line 27

	1 Current Year To Date	2 Prior Year To Date	3 Prior Year Ended December 31
2704. Change in MODCO reinsurance	2,404,243,989	2,834,812,807	19,482,324,454
2797. Summary of remaining write-ins for Line 27 from overflow page	2,404,243,989	2,834,812,807	19,482,324,454

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE A - VERIFICATION

Real Estate

	1 Year to Date	2 Prior Year Ended December 31
1. Book/adjusted carrying value, December 31 of prior year	48,933,295	51,907,350
2. Cost of acquired:		
2.1 Actual cost at time of acquisition		
2.2 Additional investment made after acquisition	1,364,497	
3. Current year change in encumbrances		
4. Total gain (loss) on disposals		
5. Deduct amounts received on disposals		
6. Total foreign exchange change in book/adjusted carrying value		
7. Deduct current year's other than temporary impairment recognized		
8. Deduct current year's depreciation	1,382,932	2,974,055
9. Book/adjusted carrying value at the end of current period (Lines 1+2+3+4-5+6-7-8)	48,914,860	48,933,295
10. Deduct total nonadmitted amounts		
11. Statement value at end of current period (Line 9 minus Line 10)	48,914,860	48,933,295

SCHEDULE B - VERIFICATION

Mortgage Loans

	1 Year to Date	2 Prior Year Ended December 31
1. Book value/recorded investment excluding accrued interest, December 31 of prior year	5,263,732,777	4,797,976,497
2. Cost of acquired:		
2.1 Actual cost at time of acquisition	294,970,000	1,062,070,270
2.2 Additional investment made after acquisition		27,409,730
3. Capitalized deferred interest and other		
4. Accrual of discount		
5. Unrealized valuation increase (decrease)		
6. Total gain (loss) on disposals		
7. Deduct amounts received on disposals	221,220,141	623,723,720
8. Deduct amortization of premium and mortgage interest points and commitment fees		
9. Total foreign exchange change in book value/recorded investment excluding accrued interest		
10. Deduct current year's other than temporary impairment recognized		
11. Book value/recorded investment excluding accrued interest at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)	5,337,482,636	5,263,732,777
12. Total valuation allowance		
13. Subtotal (Line 11 plus Line 12)	5,337,482,636	5,263,732,777
14. Deduct total nonadmitted amounts		
15. Statement value at end of current period (Line 13 minus Line 14)	5,337,482,636	5,263,732,777

SCHEDULE BA - VERIFICATION

Other Long-Term Invested Assets

	1 Year to Date	2 Prior Year Ended December 31
1. Book/adjusted carrying value, December 31 of prior year	1,548,316,442	1,424,325,125
2. Cost of acquired:		
2.1 Actual cost at time of acquisition	87,770,706	195,439,707
2.2 Additional investment made after acquisition		
3. Capitalized deferred interest and other		
4. Accrual of discount	2,139	4,328
5. Unrealized valuation increase (decrease)	4,599,700	44,570,256
6. Total gain (loss) on disposals	4,760,836	48,588,048
7. Deduct amounts received on disposals	29,402,177	150,119,117
8. Deduct amortization of premium and depreciation	5,260,901	9,061,274
9. Total foreign exchange change in book/adjusted carrying value		
10. Deduct current year's other than temporary impairment recognized	4,757,779	5,430,631
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)	1,606,028,966	1,548,316,442
12. Deduct total nonadmitted amounts	6,006,186	6,007,684
13. Statement value at end of current period (Line 11 minus Line 12)	1,600,022,780	1,542,308,758

SCHEDULE D - VERIFICATION

Bonds and Stocks

	1 Year to Date	2 Prior Year Ended December 31
1. Book/adjusted carrying value of bonds and stocks, December 31 of prior year	21,484,163,912	23,727,473,202
2. Cost of bonds and stocks acquired	1,087,455,492	4,358,573,998
3. Accrual of discount	8,757,843	12,672,654
4. Unrealized valuation increase (decrease)	(14,818,069)	(105,182,267)
5. Total gain (loss) on disposals	3,065,101	(61,834,688)
6. Deduct consideration for bonds and stocks disposed of	1,117,048,494	6,396,357,427
7. Deduct amortization of premium	15,040,442	33,402,333
8. Total foreign exchange change in book/adjusted carrying value	439,252	(1,653,862)
9. Deduct current year's other than temporary impairment recognized	18,325,405	15,859,688
10. Total investment income recognized as a result of prepayment penalties and/or acceleration fees	(2,981,812)	(265,678)
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10)	21,415,667,378	21,484,163,912
12. Deduct total nonadmitted amounts	10,153	10,153
13. Statement value at end of current period (Line 11 minus Line 12)	21,415,657,225	21,484,153,759

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE D - PART 1B

Showing the Acquisitions, Dispositions and Non-Trading Activity
During the Current Quarter for all Bonds and Preferred Stock by NAIC Designation

NAIC Designation	1 Book/Adjusted Carrying Value Beginning of Current Quarter	2 Acquisitions During Current Quarter	3 Dispositions During Current Quarter	4 Non-Trading Activity During Current Quarter	5 Book/Adjusted Carrying Value End of First Quarter	6 Book/Adjusted Carrying Value End of Second Quarter	7 Book/Adjusted Carrying Value End of Third Quarter	8 Book/Adjusted Carrying Value December 31 Prior Year
BONDS								
1. NAIC 1 (a)	11,473,247,821	691,241,236	458,390,213	100,651,095	11,473,247,821	11,806,749,938		11,666,382,212
2. NAIC 2 (a)	8,150,836,502	185,387,997	124,044,709	(96,930,811)	8,150,836,502	8,115,248,979		8,270,652,952
3. NAIC 3 (a)	574,263,374	38,130,145	19,774,935	(6,348,818)	574,263,374	586,269,766		594,715,427
4. NAIC 4 (a)	76,627,030	4,118,537	4,298,894	(7,017,082)	76,627,030	69,429,591		67,174,252
5. NAIC 5 (a)	11,930,738	20,697	250,000	(180,388)	11,930,738	11,521,046		13,814,910
6. NAIC 6 (a)	6,293,000		176,317	241,667	6,293,000	6,358,350		
7. Total Bonds	20,293,198,464	918,898,612	606,935,069	(9,584,337)	20,293,198,464	20,595,577,670		20,612,739,753
PREFERRED STOCK								
8. NAIC 1	76,825,000				76,825,000	76,825,000		76,825,000
9. NAIC 2	25,041,675			362,039	25,041,675	25,403,714		24,831,452
10. NAIC 3	2,272,568			171,644	2,272,568	2,444,211		2,487,855
11. NAIC 4	1,888,374			22,509	1,888,374	1,910,883		1,578,022
12. NAIC 5	494,050			(36,150)	494,050	457,900		482,964
13. NAIC 6								
14. Total Preferred Stock	106,521,666			520,041	106,521,666	107,041,708		106,205,293
15. Total Bonds and Preferred Stock	20,399,720,130	918,898,612	606,935,069	(9,064,296)	20,399,720,130	20,702,619,378		20,718,945,046

(a) Book/Adjusted Carrying Value column for the end of the current reporting period includes the following amount of short-term and cash equivalent bonds by NAIC designation:

NAIC 1 \$ 103,615,350 ; NAIC 2 \$; NAIC 3 \$ 320,325 ; NAIC 4 \$ 216,987 ; NAIC 5 \$; NAIC 6 \$

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STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE DA - PART 1

Short-Term Investments

	1	2	3	4	5
	Book/Adjusted Carrying Value	Par Value	Actual Cost	Interest Collected Year-to-Date	Paid for Accrued Interest Year-to-Date
770999999 Totals	101,162,159	xxx	100,531,234		3,670

SCHEDULE DA - VERIFICATION

Short-Term Investments

	1	2
	Year To Date	Prior Year Ended December 31
1. Book/adjusted carrying value, December 31 of prior year	60,910,186	17,148,933
2. Cost of short-term investments acquired	100,700,445	60,731,970
3. Accrual of discount	964,277	179,283
4. Unrealized valuation increase (decrease)		
5. Total gain (loss) on disposals	(4,243)	
6. Deduct consideration received on disposals	61,408,460	17,150,000
7. Deduct amortization of premium	46	
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)	101,162,159	60,910,186
11. Deduct total nonadmitted amounts		
12. Statement value at end of current period (Line 10 minus Line 11)	101,162,159	60,910,186

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE DB - PART A - VERIFICATION

Options, Caps, Floors, Collars, Swaps and Forwards

1. Book/Adjusted Carrying Value, December 31, prior year (Line 10, prior year)	126,226,302
2. Cost Paid/(Consideration Received) on additions	161,392,464
3. Unrealized Valuation increase/(decrease)	312,807,332
4. SSAP No. 108 adjustments	
5. Total gain (loss) on termination recognized	(128,302,253)
6. Considerations received/(paid) on terminations	54,558,680
7. Amortization	
8. Adjustment to the Book/Adjusted Carrying Value of hedged item	
9. Total foreign exchange change in Book/Adjusted Carrying Value	12,866,879
10. Book/Adjusted Carrying Value at End of Current Period (Lines 1+2+3+4+5-6+7+8+9)	430,432,045
11. Deduct nonadmitted assets	
12. Statement value at end of current period (Line 10 minus Line 11)	430,432,045

SCHEDULE DB - PART B - VERIFICATION

Futures Contracts

1. Book/Adjusted carrying value, December 31 of prior year (Line 6, prior year).....	
2. Cumulative cash change (Section 1, Broker Name/Net Cash Deposits Footnote - Cumulative Cash Change column)	
3.1 Add:	
Change in variation margin on open contracts - Highly Effective Hedges	
3.11 Section 1, Column 15, current year to date minus	
3.12 Section 1, Column 15, prior year	
Change in variation margin on open contracts - All Other	
3.13 Section 1, Column 18, current year to date minus	(910,488)
3.14 Section 1, Column 18, prior year	(2,045,201) 1,134,713 1,134,713
3.2 Add:	
Change in adjustment to basis of hedged item	
3.21 Section 1, Column 17, current year to date minus	
3.22 Section 1, Column 17, prior year	
Change in amount recognized	
3.23 Section 1, Column 19, current year to date minus	(910,488)
3.24 Section 1, Column 19, prior year plus	(2,045,201)
3.25 SSAP No. 108 adjustments	1,134,713 1,134,713
3.3 Subtotal (Line 3.1 minus Line 3.2)	
4.1 Cumulative variation margin on terminated contracts during the year	3,399,162
4.2 Less:	
4.21 Amount used to adjust basis of hedged item	
4.22 Amount recognized	3,399,162
4.23 SSAP No. 108 adjustments	3,399,162
4.3 Subtotal (Line 4.1 minus Line 4.2)	
5. Dispositions gains (losses) on contracts terminated in prior year:	
5.1 Total gain (loss) recognized for terminations in prior year	
5.2 Total gain (loss) adjusted into the hedged item(s) for terminations in prior year	
6. Book/Adjusted carrying value at end of current period (Lines 1+2+3.3-4.3-5.1-5.2)	
7. Deduct total nonadmitted amounts	
8. Statement value at end of current period (Line 6 minus Line 7)	

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

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE DB - VERIFICATION

Verification of Book/Adjusted Carrying Value, Fair Value and Potential Exposure of all Open Derivative Contracts

	Book/Adjusted Carrying Value Check
1. Part A, Section 1, Column 14.....	430,432,046
2. Part B, Section 1, Column 15 plus Part B, Section 1 Footnote - Total Ending Cash Balance.....	.....
3. Total (Line 1 plus Line 2)	430,432,046
4. Part D, Section 1, Column 6	999,087,706
5. Part D, Section 1, Column 7	(568,655,660)
6. Total (Line 3 minus Line 4 minus Line 5) .....	.....
	Fair Value Check
7. Part A, Section 1, Column 16	430,432,046
8. Part B, Section 1, Column 13 .....	.....
9. Total (Line 7 plus Line 8)	430,432,046
10. Part D, Section 1, Column 9	999,087,706
11. Part D, Section 1, Column 10	(568,655,660)
12. Total (Line 9 minus Line 10 minus Line 11) .....	.....
	Potential Exposure Check
13. Part A, Section 1, Column 21	2,554,879
14. Part B, Section 1, Column 20	47,721,840
15. Part D, Section 1, Column 12	50,276,718
16. Total (Line 13 plus Line 14 minus Line 15) .....	.....

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE E - PART 2 - VERIFICATION

(Cash Equivalents)

	1	2
	Year To Date	Prior Year Ended December 31
1. Book/adjusted carrying value, December 31 of prior year	202,249,120	316,966,570
2. Cost of cash equivalents acquired	2,183,257,310	6,829,147,534
3. Accrual of discount	192,827	296,346
4. Unrealized valuation increase (decrease)		
5. Total gain (loss) on disposals	450	(2,658)
6. Deduct consideration received on disposals	2,217,378,567	6,944,158,672
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)	168,321,140	202,249,120
11. Deduct total nonadmitted amounts		
12. Statement value at end of current period (Line 10 minus Line 11)	168,321,140	202,249,120

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE A - PART 2

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

1 Description of Property	Location		4 Date Acquired	5 Name of Vendor	6 Actual Cost at Time of Acquisition	7 Amount of Encumbrances	8 Book/Adjusted Carrying Value Less Encumbrances	9 Additional Investment Made After Acquisition
	2 City	3 State						
Minnesota Life Center 401 Building	St. Paul	MN.		Various	63,008,464			634,531
0199999. Acquired by Purchase					63,008,464			634,531
0399999 - Totals					63,008,464			634,531

SCHEDULE A - PART 3

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

1 Description of Property	Location		4 Disposal Date	5 Name of Purchaser	6 Actual Cost	7 Expended for Additions, Permanent Improvements and Changes in Encumbrances	8 Book/Adjusted Carrying Value Less Encumbrances Prior Year	Change in Book/Adjusted Carrying Value Less Encumbrances					14 Book/Adjusted Carrying Value Less Encumbrances on Disposal	15 Amounts Received During Year	16 Foreign Exchange Gain (Loss) on Disposal	17 Realized Gain (Loss) on Disposal	18 Total Gain (Loss) on Disposal	19 Gross Income Earned Less Interest Incurred on Encumbrances	20 Taxes, Repairs and Expenses Incurred
	2 City	3 State						9 Current Year's Depreciation	10 Current Year's Other-Than-Temporary Impairment Recognized	11 Current Year's Change in Encumbrances	12 Total Change in Book/Adjusted Carrying Value (11-9-10)	13 Total Foreign Exchange Change in Book/Adjusted Carrying Value							
Minnesota Life Center 400 Building	Saint Paul	MN.	09/30/2022	Direct														3,389,695	6,562,411
Minnesota Life Center 401 Building	Saint Paul	MN.	09/30/2022	Direct				1,382,932				(1,382,932)						6,768,707	10,548,777
0199999. Property Disposed								1,382,932				(1,382,932)						10,158,402	17,111,188
0399999 - Totals								1,382,932				(1,382,932)						10,158,402	17,111,188

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STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE B - PART 2

Showing All Mortgage Loans ACQUIRED AND ADDITIONS MADE During the Current Quarter

1 Loan Number	2 Location		3 State	4 Loan Type	5 Date Acquired	6 Rate of Interest	7 Actual Cost at Time of Acquisition	8 Additional Investment Made After Acquisition	9 Value of Land and Buildings
	City								
2864	Annapolis		MD		04/21/2023	4.963	19,000,000		45,900,000
2874	West Norriton Townsh		PA		04/28/2023	5.149	15,000,000		45,700,000
2867	Frederick		MD		05/01/2023	4.950	8,000,000		19,600,000
2863	Glen Head		NY		05/10/2023	5.568	3,000,000		6,900,000
2869	Germantown		MD		05/10/2023	5.270	12,000,000		25,700,000
2862	Roslyn		NY		05/25/2023	5.498	3,800,000		16,600,000
2868	Waxhaw		NC		05/30/2023	5.278	3,850,000		8,500,000
2877	Carrollton		GA		05/31/2023	5.500	10,000,000		21,300,000
2885	Marietta		GA		05/31/2023	5.490	11,700,000		27,200,000
2872	Nashville		TN		06/01/2023	5.620	11,000,000		18,000,000
2881	Baltimore		MD		06/01/2023	5.170	8,750,000		38,200,000
2875	New York		NY		06/07/2023	6.007	6,500,000		28,000,000
2892	Lino Lakes		MN		06/07/2023	5.354	16,100,000		30,000,000
2871	Olmsted Falls		OH		06/15/2023	5.830	3,400,000		7,580,000
2882	Frederick		MD		06/16/2023	5.242	3,100,000		8,300,000
2883	Frederick		MD		06/16/2023	5.242	5,900,000		16,300,000
2873	Akron		OH		06/21/2023	5.799	10,000,000		19,470,000
2876	Middleburg Heights		OH		06/23/2023	5.275	3,770,000		9,800,000
2886	Cincinnati		OH		06/23/2023	5.335	7,550,000		11,900,000
2870	Coconut Creek		FL		06/27/2023	5.839	4,000,000		13,461,607
2878	Portland		OR		06/27/2023	5.636	19,000,000		65,800,000
2879	San Leandro		CA		06/28/2023	5.789	3,100,000		32,810,000
0599999. Mortgages in good standing - Commercial mortgages-all other							188,520,000		517,021,607
0899999. Total Mortgages in good standing							188,520,000		517,021,607
1699999. Total - Restructured Mortgages									
2499999. Total - Mortgages with overdue interest over 90 days									
3299999. Total - Mortgages in the process of foreclosure									
3399999 - Totals							188,520,000		517,021,607

SCHEDULE B - PART 3

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

1 Loan Number	2 Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/Recorded Investment Excluding Accrued Interest Prior Year	8 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
	City	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)						13 Total Foreign Exchange Change in Book Value
1507	Concord	NH		08/13/2007	05/19/2023	1,257,536						1,196,855	1,196,855			
1780	Norman	OK		05/14/2013	05/31/2023	2,781,841						2,727,605	2,727,605			
1781	Edmond	OK		05/14/2013	05/31/2023	1,537,334						1,507,361	1,507,361			
1782	Yukon	OK		05/14/2013	05/31/2023	1,903,365						1,866,257	1,866,257			
1785	Coconut Creek	FL		06/27/2013	06/27/2023	3,535,763						3,475,576	3,475,576			
1786	San Leandro	CA		07/01/2013	06/28/2023	3,029,768						2,979,790	2,979,790			
1794	Milwaukee	WI		07/25/2013	06/15/2023	3,233,756						3,111,950	3,111,950			
1799	Baltimore	MD		08/13/2013	06/01/2023	8,148,383						7,961,659	7,961,659			
2137	Lorton	VA		01/10/2017	06/22/2023	14,043,816						13,798,013	13,798,013			
2646	Hyattsville	MD		04/30/2021	04/13/2023	2,494,020						2,470,952	2,470,952			
0199999. Mortgages closed by repayment						41,965,582						41,096,018	41,096,018			

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE B - PART 3

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

1 Loan Number	2 Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/ Recorded Investment Excluding Accrued Interest Prior Year	8 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)						13 Total Foreign Exchange Change in Book Value
1395	Medley	FL		07/20/2005		1,569,587							126,425			
1399	Opa Locka	FL		07/20/2005		1,848,607							149,066			
1407	Houston	TX		07/18/2005		511,824							45,472			
1453	Selma	TX		06/12/2006		580,819							37,157			
1497	Philadelphia	PA		01/17/2007		643,188							34,577			
1507	Concord	NH		08/13/2007		1,257,536							24,446			
1509	Bolingbrook	IL		07/06/2007		1,748,662							77,222			
1510	Lincolnton	NC		05/22/2007		3,694,313							74,714			
1517	Laredo	TX		06/15/2007		638,172							30,903			
1553	San Mateo	CA		07/29/2008		1,869,465							70,576			
1555	San Antonio	TX		09/05/2008		1,371,908							49,852			
1569	Chula Vista	CA		05/28/2009		2,028,215							64,407			
1583	Oxon Hill	MD		08/28/2009		378,820							52,372			
1584	Laurel	MD		08/28/2009		376,415							51,839			
1590	Glen Burnie	MD		10/26/2009		518,839							65,224			
1596	Vancouver	WA		12/17/2009		1,266,109							36,360			
1597	Spokane	WA		12/29/2009		751,821							86,634			
1609	San Jose	CA		07/01/2010		1,694,341							45,239			
1611	Van Buren Township	MI		07/12/2010		3,236,551							286,212			
1615	Asheville	NC		07/21/2010		1,745,297							154,720			
1628	Asheville	NC		11/29/2010		5,304,953							137,703			
1629	San Diego	CA		03/01/2011		2,687,365							66,729			
1633	Seattle	WA		01/10/2011		561,736							41,580			
1635	Stockton	CA		05/16/2011		1,023,939							24,381			
1639	Austin	TX		02/22/2011		819,522							34,496			
1640	Eugene	OR		03/14/2011		788,988							55,233			
1647	Fletcher	NC		05/19/2011		4,739,172							112,048			
1655	Kent	WA		06/15/2011		1,284,573							82,871			
1660	San Jose	CA		12/01/2011		2,656,360							151,325			
1666	North Canton	OH		08/22/2011		2,271,016							52,027			
1668	Various	NM		10/19/2011		10,149,687							225,095			
1679	Glen Ellyn	IL		11/17/2011		2,546,124							57,853			
1685	Durham	NC		02/06/2012		425,430							65,718			
1694	West Jefferson	NC		05/03/2012		1,580,181							44,251			
1698	Minnetonka	MN		04/11/2012		935,095							19,447			
1701	Albuquerque	NM		05/14/2012		433,062							70,918			
1703	Midvale	UT		05/30/2012		1,195,844							25,063			
1724	Tallahassee	FL		09/17/2012		1,472,562							64,529			
1728	Hendersonville	NC		08/09/2012		2,350,344							39,671			
1729	Santa Fe	NM		08/16/2012		1,244,203							24,615			
1731	Charleston	SC		10/23/2012		1,383,223							43,356			
1733	East Moline	IL		10/17/2012		2,769,100							129,354			
1734	Topeka	KS		10/25/2012		4,943,998							97,814			
1735	Southern Pines	NC		09/27/2012		10,076,355							197,309			
1736	Monrovia	CA		11/20/2012		1,420,933							65,734			
1739	Seattle	WA		10/30/2012		1,173,821							55,129			
1740	Kirkland	WA		11/05/2012		1,470,026							67,781			
1741	Woodburn	OR		12/20/2012		2,273,553							30,020			
1742	Eugene	OR		12/20/2012		2,275,292							35,875			
1743	Indio	CA		12/20/2012		1,757,709							33,458			
1744	Carrollton	TX		12/20/2012		1,655,670							33,488			

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE B - PART 3

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

1 Loan Number	2 Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/ Recorded Investment Excluding Accrued Interest Prior Year	8 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)						13 Total Foreign Exchange Change in Book Value
1745	Minneapolis	MIN.		11/29/2012		1,986,041							40,803			
1746	Burnsville	MIN.		11/29/2012		2,073,175							42,593			
1747	Denver	CO.		12/27/2012		2,484,658							31,076			
1748	San Antonio	TX.		12/21/2012		3,053,861							57,696			
1759	Culver City	CA.		04/08/2013		6,192,651							119,898			
1760	New Hope	MIN.		03/27/2013		527,411							22,733			
1762	Pearland	TX.		04/23/2013		1,308,277							54,571			
1770	St. Louis Park	MIN.		05/28/2013		1,028,293							42,426			
1771	St. Louis Park	MIN.		09/03/2013		2,890,733							53,625			
1773	San Jose	CA.		06/03/2013		2,084,405							84,571			
1774	Carol Stream	IL.		05/16/2013		1,545,695							59,086			
1775	Pacifica	CA.		05/01/2013		1,640,207							68,833			
1778	Tacoma	WA.		06/13/2013		6,465,197							118,731			
1780	Norman	OK.		05/14/2013		2,781,841							21,804			
1781	Edmond	OK.		05/14/2013		1,537,334							12,049			
1782	Yukon	OK.		05/14/2013		1,903,365							14,918			
1785	Coconut Creek	FL.		06/27/2013		3,535,763							30,219			
1786	San Leandro	CA.		07/01/2013		3,029,768							25,102			
1788	Houston	TX.		06/03/2013		2,587,887							104,603			
1791	Anchorage	AK.		08/01/2013		687,221							13,289			
1793	Portland	OR.		07/25/2013		3,326,723							39,306			
1794	Milwaukee	WI.		07/25/2013		3,233,756							61,218			
1795	San Diego	CA.		08/08/2013		820,029							9,295			
1797	Hopewell	VA.		08/15/2013		1,920,975							23,925			
1797	Hopewell	VA.		08/15/2013		1,920,975							11,899			
1798	Cleveland	OH.		10/03/2013		7,378,633							82,437			
1799	Baltimore	MD.		08/13/2013		8,148,383							93,835			
1800	Houston	TX.		08/19/2013		2,977,967							33,868			
1802	Palo Alto	CA.		07/25/2013		5,668,241							138,093			
1806	Schertz	TX.		09/12/2013		3,082,009							56,309			
1807	El Paso	TX.		10/24/2013		1,478,674							52,631			
1808	Cleveland	OH.		08/29/2013		1,640,957							63,177			
1812	Totowa	NJ.		09/26/2013		3,473,749							36,252			
1813	Reston	VA.		11/07/2013		3,059,998							21,781			
1813	Reston	VA.		11/07/2013		3,059,998							10,827			
1814	Petaluma	CA.		10/30/2013		9,308,712							96,009			
1815	Ellicott City	MD.		10/29/2013		3,180,682							23,218			
1815	Ellicott City	MD.		10/29/2013		3,180,682							11,544			
1816	Eldersburg	MD.		10/29/2013		3,370,008							24,600			
1816	Eldersburg	MD.		10/29/2013		3,370,008							12,231			
1818	Lakewood	CO.		11/13/2013		6,840,116							74,211			
1823	Keizer	OR.		12/03/2013		2,097,426							35,773			
1825	Kingwood	TX.		01/22/2014		5,087,796							86,318			
1830	Millbrae	CA.		12/16/2013		4,208,781							56,862			
1831	Asheville	NC.		05/29/2014		6,805,076							100,544			
1832	Coconut Creek	FL.		12/09/2013		4,009,959							29,055			
1833	Miami	FL.		03/12/2014		6,221,218							50,825			
1836	Garfield Heights	OH.		01/30/2014		6,011,465							97,139			
1837	Brea	CA.		07/01/2014		2,910,931							21,086			
1838	Azusa	CA.		07/01/2014		2,328,745							16,868			
1839	Huntington Beach	CA.		07/01/2014		7,485,251							54,220			

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SCHEDULE B - PART 3

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

1 Loan Number	2 Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/ Recorded Investment Excluding Accrued Interest Prior Year	8 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)						13 Total Foreign Exchange Change in Book Value
1840	Oxnard	CA		07/01/2014		4,158,473							30,122			
1841	Redlands	CA		07/01/2014		2,495,084							18,073			
1842	Lake Forest	CA		07/01/2014		4,990,167							36,147			
1843	Camarillo	CA		07/01/2014		5,406,014							39,159			
1844	Camarillo	CA		07/01/2014		6,320,878							45,786			
1845	Santee	CA		07/01/2014		914,864							6,627			
1847	Sun City West	AZ		03/27/2014		3,896,365							40,228			
1848	Lynnwood	WA		04/29/2014		784,463							110,108			
1849	Annapolis	MD		04/17/2014		4,905,643							50,299			
1853	Victor	NY		07/01/2014		1,751,637							28,034			
1855	Hanover	MD		05/15/2014		2,324,260							24,146			
1856	Roseville	IN		04/10/2014		1,204,702							41,063			
1857	Totowa	NJ		05/20/2014		1,592,813							15,438			
1858	Rockville	MD		05/12/2014		4,703,908							47,371			
1859	Silver Spring	MD		04/01/2014		6,606,574							113,347			
1860	Silver Spring	MD		04/01/2014		808,968							13,879			
1861	Silver Spring	MD		04/01/2014		4,853,809							83,275			
1864	Frisco	TX		04/29/2014		4,330,938							42,893			
1869	The Woodlands	TX		06/25/2014		2,907,204							30,390			
1870	Lincoln	NE		09/10/2014		11,431,748							185,315			
1872	Akron	OH		07/15/2014		2,707,289							46,260			
1877	Hayward	CA		07/30/2014		1,309,124							14,005			
1878	Woodbridge	VA		09/09/2014		2,675,355							28,233			
1881	Joppa	MD		09/02/2014		1,879,102							12,857			
1881	Joppa	MD		09/02/2014		1,879,102							6,394			
1889	Chanhassen	MN		08/18/2014		2,052,454							34,430			
1890	Bel Air	MD		09/29/2014		2,325,019							16,414			
1890	Bel Air	MD		09/29/2014		2,325,019							8,166			
1892	Edwardsville	IL		09/25/2014		8,635,313							89,104			
1893	Ladue	MO		10/02/2014		5,737,139							59,239			
1895	Cheektowaga	NY		12/05/2014		4,091,533							41,735			
1897	Tukwila	WA		10/29/2014		739,706							94,771			
1899	Rochester	NY		10/07/2014		2,405,025							76,763			
1916	New Braunfels	TX		12/04/2014		6,113,315							42,815			
1920	Greenfield	WI		12/15/2014		3,444,366							106,770			
1921	Lewis Center	OH		02/12/2015		3,310,427							98,417			
1925	Santee	CA		04/01/2015		2,263,137							36,014			
1934	Mountlake Terrace	WA		12/17/2014		4,420,158							72,185			
1935	District Heights	MD		01/28/2015		4,361,496							44,317			
1936	Sylmar	CA		02/05/2015		2,830,074							29,195			
1939	Brecksville	OH		04/06/2015		1,180,081							17,319			
1940	Poland	OH		02/26/2015		2,421,622							37,885			
1941	West Allis	WI		02/17/2015		752,642							22,553			
1942	Wilmington	DE		05/11/2015		5,987,956							59,438			
1943	Pasadena	TX		03/26/2015		5,148,960							81,220			
1946	Mesa	AZ		05/14/2015		3,193,576							31,700			
1947	Pembroke Park	FL		01/23/2015		17,680,704							115,895			
1948	Pembroke Park	FL		01/23/2015		2,253,423							14,771			
1949	Pembroke Park	FL		01/23/2015		866,701							5,681			
1952	Brecksville	OH		04/29/2015		1,887,837							19,614			
1953	New Castle	DE		04/14/2015		3,117,534							32,034			

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1954	Abingdon	MD		04/10/2015		12,344,678							86,328			
1956	Aliso Viejo	CA		04/29/2015		2,100,119							34,217			
1957	Frisco	TX		05/18/2015		2,358,862							36,880			
1958	Various	WI		05/18/2015		3,957,474							84,403			
1960	Park City	UT		05/27/2015		2,705,772							27,162			
1961	Mauldin	SC		05/19/2015		3,789,318							37,720			
1963	Annapolis	MD		06/17/2015		3,942,047							62,658			
1965	San Diego	CA		06/08/2015		2,066,792							14,944			
1966	San Diego	CA		06/08/2015		2,783,842							20,129			
1967	Calabasas	CA		06/26/2015		1,762,873							13,050			
1968	San Antonio	TX		05/27/2015		1,428,773							22,367			
1969	Issaquah	WA		06/10/2015		2,287,725							35,855			
1970	Danville	CA		07/01/2015		2,458,780							17,341			
1971	Los Angeles	CA		08/13/2015		4,424,226							31,805			
1972	Los Angeles	CA		08/18/2015		2,290,598							16,119			
1973	Santa Fe Springs	CA		08/13/2015		1,799,326							12,935			
1974	Grapevine	TX		06/11/2015		2,234,997							34,383			
1975	Sparks	MD		06/16/2015		5,375,155							52,702			
1979	Livermore	CA		07/10/2015		2,695,588							19,751			
1980	Hood River	OR		07/10/2015		4,296,093							31,478			
1981	Seattle	WA		07/01/2015		3,096,288							47,144			
1982	Greenfield	WI		06/29/2015		5,584,952							38,270			
1983	Cudahy	WI		06/29/2015		2,789,269							27,999			
1985	Germantown	MD		07/22/2015		3,540,156							35,271			
1987	Spokane	WA		07/28/2015		3,717,350							26,000			
1988	Warrenton	VA		08/17/2015		15,384,617							108,259			
1989	East Aurora	NY		08/10/2015		1,856,910							52,978			
1990	St. Louis Park	MN		08/05/2015		2,067,245							31,556			
1991	Macedonia	OH		07/23/2015		2,449,572							37,853			
1993	Anaheim	CA		07/29/2015		3,699,664							26,840			
1994	Calabasas	CA		08/18/2015		9,234,822							66,804			
1995	Fenton	MD		09/15/2015		2,174,887							41,317			
1996	Nottingham	MD		08/27/2015		3,674,135							16,836			
1996	Nottingham	MD		08/27/2015		3,674,135							8,376			
2001	Clearwater	FL		09/03/2015		14,534,164							120,911			
2002	Plymouth Township	MI		08/28/2015		1,703,300							26,102			
2003	Saint Paul	MN		09/17/2015		4,898,187							69,262			
2004	Madison	WI		08/24/2015		4,771,113							62,256			
2005	Chicago	IL		09/09/2015		1,627,700							15,361			
2006	Phoenix	AZ		08/24/2015		2,113,171							19,942			
2007	Athens	GA		10/01/2015		1,857,699							26,851			
2008	Clearwater	FL		09/24/2015		4,337,090							27,547			
2009	Ventura	CA		12/09/2015		2,484,224							35,089			
2011	Boca Raton	FL		11/19/2015		1,714,358							24,754			
2013	Kingsport	TN		12/09/2015		2,827,384							45,469			
2014	Boston	MA		11/19/2015		10,820,591							56,415			
2015	Winona	MN		12/16/2015		5,864,007							83,676			
2016	Cedarburg	WI		12/16/2015		2,843,565							40,797			
2017	Clifton	NJ		12/03/2015		4,000,000							17,710			
2018	Rockaway	NJ		12/03/2015		5,500,000							24,352			
2019	Cincinnati	OH		12/15/2015		1,486,755							21,694			

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	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)					
2020	Shelby	OH		11/23/2015		5,366,163							48,331			
2021	Milwaukee	WI		12/16/2015		3,741,534							53,680			
2022	Miami	FL		12/10/2015		14,847,393							94,961			
2023	Hollywood	FL		11/24/2015		5,324,416							32,406			
2024	Westwood	MA		01/28/2016		6,592,383							60,515			
2025	Lynnfield	MA		12/16/2015		2,086,449							18,974			
2026	Addison	TX		12/17/2015		3,306,691							30,510			
2027	Peoria	AZ		12/14/2015		2,590,472							36,000			
2028	Dallas	TX		12/10/2015		1,307,825							12,336			
2029	Dallas	TX		02/04/2016		7,495,138							67,861			
2030	Littleton	CO		01/20/2016		6,681,761							60,999			
2031	Tustin	CA		02/18/2016		962,667							25,101			
2032	Des Moines	IA		01/14/2016		3,216,069							29,435			
2033	San Diego	CA		02/11/2016		2,024,057							18,076			
2035	Huntington Beach	CA		02/01/2016		3,245,638							20,345			
2036	Addison	TX		01/21/2016		6,136,101							88,377			
2037	Wareham	MA		02/16/2016		4,412,983							38,980			
2038	Louisville	KY		02/01/2016		4,690,381							43,310			
2039	Independence	OH		02/24/2016		1,954,492							15,796			
2040	Madison	WI		02/25/2016		1,905,281							38,832			
2041	Santa Clara	CA		04/01/2016		1,436,211							37,173			
2042	Greece	NY		06/30/2016		57,088,581							357,742			
2043	Mukilteo	WA		03/24/2016		6,855,022							85,667			
2044	Scottsdale	AZ		02/23/2016		2,150,469							19,552			
2046	Freedom	PA		04/12/2016		4,027,008							36,459			
2047	Jackson Township	OH		04/12/2016		4,607,939							40,074			
2048	Erie	PA		08/11/2016		3,943,943							33,218			
2049	Temecula	CA		06/01/2016		1,917,537							17,161			
2050	Coeur d'Alene	ID		05/11/2016		4,597,847							63,153			
2052	Brookfield	WI		04/25/2016		1,904,885							17,436			
2053	Wauwatosa	WI		04/25/2016		1,946,295							17,815			
2054	Wauwatosa	WI		04/25/2016		1,656,421							15,162			
2055	Brookfield	WI		04/25/2016		1,449,369							13,267			
2059	Portland	OR		04/01/2016		5,426,792							48,918			
2061	Santa Clarita	CA		05/06/2016		4,012,425							26,064			
2062	Green	OH		05/04/2016		11,004,425							155,329			
2063	Brookhaven	GA		05/19/2016		4,703,110							118,802			
2065	Chardon	OH		08/11/2016		2,524,668							22,088			
2069	Chula Vista	CA		06/06/2016		16,528,450							152,416			
2071	Huntington	CA		07/07/2016		20,162,725							133,384			
2072	New Hope	MN		06/01/2016		1,259,994							11,202			
2073	Macon	GA		09/01/2016		2,170,858							52,155			
2074	Kirkland	WA		05/23/2016		3,480,117							32,000			
2075	Middle River	MD		06/29/2016		1,657,633							10,235			
2075	Middle River	MD		06/29/2016		1,657,633							5,093			
2076	Buffalo	NY		06/28/2016		2,050,735							13,389			
2077	Greenbelt	MD		06/30/2016		13,969,959							123,956			
2079	Pasadena	CA		09/08/2016		1,918,819							26,786			
2080	Pembroke Pines	FL		08/22/2016		3,265,895							77,415			
2081	Lauderhill	FL		08/22/2016		1,799,575							42,657			
2082	Minneapolis	MN		08/15/2016		6,803,705							78,090			

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	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)					
2083	Brookfield	WI		10/12/2016		7,024,758								93,730		
2084	Broadview Heights	OH		11/10/2016		4,448,263								41,565		
2085	San Antonio	TX		08/19/2016		3,257,760								29,506		
2086	Hyattsville	MD		08/30/2016		3,170,567								44,074		
2088	Hillsboro	OR		12/19/2016		2,065,482								46,767		
2091	Covington	KY		08/19/2016		2,336,301								21,268		
2092	Elkton	MD		09/23/2016		4,429,612								40,316		
2093	Peoria	AZ		08/04/2016		1,681,662								14,773		
2094	Buffalo	NY		10/13/2016		2,710,975								20,322		
2095	Beachwood	OH		11/03/2016		4,118,643								31,441		
2096	Plymouth	MIN		11/11/2016		5,229,661								48,077		
2097	Seattle	WA		10/03/2016		2,708,281								18,154		
2098	Catonsville	MD		08/05/2016		12,567,199								115,774		
2100	Williamsville	NY		12/12/2016		13,609,866								93,706		
2101	Vernon Hills	IL		08/25/2016		3,285,663								32,021		
2103	Ontario	CA		09/01/2016		1,668,720								23,961		
2107	Blue Springs	MO		10/11/2016		2,206,390								29,276		
2108	Akron	OH		10/19/2016		17,990,068								160,220		
2109	Akron	OH		10/19/2016		3,174,717								28,274		
2110	North Olmsted	OH		09/29/2016		5,329,053								47,261		
2111	Chula Vista	CA		09/29/2016		10,413,312								125,845		
2112	High Point	NC		11/10/2016		1,473,612								19,801		
2114	Pewaukee	WI		10/26/2016		2,428,571								22,946		
2115	Wallingford	CT		09/01/2016		1,418,785								12,902		
2116	Independence	OH		10/12/2016		3,048,348								43,697		
2117	Pleasanton	CA		10/14/2016		8,991,790								84,614		
2118	St. Louis	MO		11/14/2016		6,830,479								62,571		
2119	Troy	MI		03/30/2017		2,304,535								19,851		
2120	Depew	NY		11/17/2016		2,312,176								55,496		
2122	Denver	CO		11/22/2016		3,031,917								27,029		
2123	Austin	TX		12/07/2016		9,812,750								77,078		
2124	Gilbert	AZ		11/08/2016		3,354,414								31,563		
2127	San Diego	CA		10/31/2016		11,043,988								137,478		
2128	Pleasanton	CA		11/14/2016		2,341,343								21,590		
2131	Sarasota	FL		12/15/2016		1,348,662								77,980		
2132	Houston	TX		12/07/2016		6,955,463								58,957		
2133	Houston	TX		02/02/2017		2,271,339								30,743		
2134	Lehi	UT		02/01/2017		2,946,257								26,757		
2137	Lorton	VA		01/10/2017		14,043,816								123,518		
2138	White Marsh	MD		01/12/2017		2,105,366								19,081		
2139	Indianapolis	IN		01/30/2017		5,258,273								35,500		
2140	Tukwila	WA		04/06/2017		2,057,100								46,941		
2141	Spring	TX		01/18/2017		2,089,121								46,447		
2142	Methuen	MA		07/06/2017		8,299,600								67,529		
2143	Akron	OH		02/06/2017		3,790,126								33,931		
2144	Sylmar	CA		03/01/2017		7,523,692								67,495		
2145	Downey	CA		02/01/2017		8,850,054								79,879		
2146	San Antonio	TX		04/03/2017		9,319,673								79,181		
2147	Canton	OH		02/23/2017		9,627,766								123,556		
2150	Austin	TX		03/09/2017		3,822,353								33,764		
2151	Delaware	OH		02/13/2017		2,421,341								33,063		

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	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)					
2152	Webster	NY		05/08/2017		14,934,963							90,792			
2153	Independence	OH		02/03/2017		3,265,643							23,310			
2154	Kaukauna	WI		02/09/2017		1,871,313							16,271			
2155	El Cajon	CA		03/01/2017		3,074,482							26,178			
2158	Horseheads	NY		02/23/2017		2,563,914							76,590			
2159	Salem	OR		07/06/2017		3,305,547							39,382			
2161	Parker	CO		03/23/2017		5,392,750							32,165			
2163	San Mateo	CA		04/10/2017		5,635,801							46,882			
2164	Milwaukee	WI		05/18/2017		15,657,978							198,825			
2165	Milwaukee	WI		05/18/2017		9,347,813							111,201			
2167	Baltimore	MD		04/05/2017		1,807,243							15,018			
2171	El Paso	TX		07/03/2017		12,088,067							199,459			
2174	Boston	MA		05/03/2017		5,373,928							45,282			
2175	Maple Valley	WA		04/27/2017		2,590,476							160,704			
2176	El Cajon	CA		05/18/2017		5,171,744							42,978			
2177	Milwaukee	WI		05/18/2017		9,952,727							110,620			
2178	Colonia	NY		11/30/2017		36,334,432							206,782			
2181	Kirkland	WA		05/01/2017		2,813,997							24,576			
2182	Richmond	CA		06/01/2017		3,101,087							38,931			
2183	Jackson Township	OH		06/15/2017		7,708,340							68,120			
2184	Cutler Ridge	FL		07/18/2017		4,051,729							32,185			
2185	Richmond	VA		05/23/2017		2,644,268							15,788			
2186	Houston	TX		06/12/2017		3,986,818							32,396			
2188	Sandusky	OH		06/29/2017		1,613,287							20,298			
2189	Norwalk	CA		05/25/2017		4,380,077							37,144			
2190	Rancho Santa Margari	CA		12/01/2017		2,034,281							15,955			
2191	Cincinnati	OH		07/27/2017		3,305,841							19,363			
2192	Vernon	CA		07/13/2017		3,092,023							21,788			
2193	Eagle River	AK		08/31/2017		4,199,769							138,478			
2194	Carrollton	TX		07/13/2017		2,354,574							29,129			
2198	Woodinville	WA		07/17/2017		3,356,668							28,662			
2200	Wilmington	NC		08/01/2017		3,012,394							25,722			
2202	Lincoln	NE		11/01/2017		3,765,729							30,963			
2203	York	PA		08/01/2017		3,973,315							33,244			
2204	Eagan	MN		12/14/2017		15,203,399							191,346			
2205	Ocean City	NJ		09/01/2017		3,340,668							72,183			
2206	Las Vegas	NV		08/29/2017		5,128,316							40,118			
2208	Charlestown	MA		01/25/2018		1,961,323							16,545			
2209	Dallas	TX		09/05/2017		2,803,658							38,835			
2210	Scottsdale	AZ		08/15/2017		9,461,909							81,865			
2211	New Berlin	WI		08/14/2017		5,534,221							120,037			
2212	Madison	WI		07/31/2017		4,027,659							33,159			
2213	Sheffield	OH		10/18/2017		2,865,069							23,971			
2214	Alexandria	VA		08/23/2017		5,878,863							49,413			
2215	Towson	MD		11/06/2017		5,580,585							45,956			
2217	Hockessin	DE		12/05/2017		12,075,082							100,645			
2218	Westmont	IL		08/30/2017		9,885,784							85,168			
2219	Lincoln	MA		09/27/2017		4,536,338							55,531			
2220	Flagstaff	AZ		08/17/2017		4,015,909							86,773			
2221	Fairlawn	OH		10/11/2017		4,132,584							86,363			
2222	Louisville	CO		12/13/2017		4,205,376							33,970			

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1 Loan Number	2 Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/ Recorded Investment Excluding Accrued Interest Prior Year	8 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)						13 Total Foreign Exchange Change in Book Value
2223	Sacramento	CA		10/13/2017		2,681,656							22,927			
2224	Hockessin	DE		10/05/2017		2,201,403							19,045			
2225	Roslyn	NY		10/05/2017		4,041,614							52,168			
2226	Alsip	IL		09/14/2017		5,561,347							45,810			
2227	Willowbrook	IL		10/10/2017		7,079,229							73,205			
2228	Hyattsville	MD		10/17/2017		3,130,578							25,938			
2229	Highland	CA		10/30/2017		3,056,237							23,321			
2231	San Diego	CA		01/04/2018		3,048,473							24,692			
2234	Norwalk	CA		12/21/2017		8,684,761							258,831			
2235	Lutherville-Timonium	MD		12/06/2017		10,407,753							126,082			
2236	Overland Park	KS		02/01/2018		7,090,447							86,118			
2238	Louisville	KY		11/13/2017		3,523,602							28,418			
2239	Mesa	AZ		11/02/2017		3,849,842							19,754			
2240	Houston	TX		01/10/2018		2,190,176							17,897			
2241	Reading	MA		05/01/2018		4,727,917							28,389			
2243	Sacramento	CA		12/21/2017		2,180,874							18,107			
2244	Vienna	OH		01/11/2018		7,263,948							59,751			
2246	St. Louis	MO		01/17/2018		2,774,511							56,259			
2247	Tacoma	WA		12/18/2017		9,527,573							186,496			
2248	Newark	DE		12/15/2017		4,665,340							37,686			
2249	South El Monte	CA		02/08/2018		3,075,654							18,842			
2250	Kirkland	WA		01/24/2018		3,575,216							30,094			
2251	Palm Desert	CA		02/13/2018		3,861,802							31,542			
2252	Kennesaw	GA		03/22/2018		43,250,000							126,400			
2253	Silverton	OR		03/12/2018		5,080,816							40,117			
2254	Milwaukee	WI		01/31/2018		6,015,867							41,636			
2255	St. Peters	MO		04/13/2018		5,419,339							31,114			
2257	Eugene	OR		04/02/2018		2,360,749							46,330			
2258	Sandusky	OH		02/23/2018		2,598,670							30,782			
2259	Stow	OH		02/28/2018		6,074,332							36,483			
2260	Northbrook	IL		02/27/2018		4,088,723							32,991			
2261	Northbrook	IL		02/27/2018		3,528,762							27,846			
2262	San Diego	CA		02/15/2018		5,733,279							47,191			
2267	Morristown	NJ		03/05/2018		9,981,590							60,240			
2268	Morristown	NJ		03/05/2018		3,493,556							21,084			
2274	Salt Lake City	UT		02/06/2018		1,893,732							23,588			
2275	Norcross	GA		03/29/2018		2,895,676							35,699			
2276	San Leandro	CA		03/13/2018		2,738,383							21,760			
2277	Denver	CO		02/27/2018		5,614,335							46,008			
2278	Fullerton	CA		02/27/2018		4,096,231							23,708			
2279	Indian Wells	CA		03/20/2018		1,950,332							38,713			
2280	Indianapolis	IN		04/30/2018		20,019,223							112,028			
2281	Houston	TX		03/21/2018		4,710,777							34,876			
2283	Tukwila	WA		06/12/2018		3,288,641							25,846			
2284	Nashville	TN		02/28/2018		6,248,767							47,442			
2285	Liberty	MO		03/22/2018		1,675,203							19,538			
2286	Fireside	CO		04/04/2018		7,344,264							36,839			
2287	Poland	OH		04/30/2018		7,686,562							61,484			
2288	Houston	TX		03/16/2018		5,932,275							43,900			
2289	Greensboro	NC		04/02/2018		3,473,529							26,274			
2290	Brentwood	CA		04/05/2018		4,282,565							33,601			

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1 Loan Number	2 Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/ Recorded Investment Excluding Accrued Interest Prior Year	8 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)						13 Total Foreign Exchange Change in Book Value
2291	Arlington	VA		07/02/2018		6,804,554							23,707			
2291	Arlington	VA		07/02/2018		6,804,554							11,794			
2292	Boulder	CO		05/30/2018		30,159,599							157,251			
2294	Las Vegas	NV		05/03/2018		3,339,382							25,552			
2296	Waite Park	MIN.		05/30/2018		3,434,692							66,022			
2297	San Diego	CA		05/30/2018		19,303,109							105,432			
2299	Houston	TX		04/20/2018		6,698,582							49,507			
2300	Riverdale	MD		06/21/2018		4,651,156							34,849			
2301	Alexandria	VA		05/16/2018		3,256,722							24,554			
2302	Springfield	VA		05/16/2018		2,105,716							15,876			
2303	Omaha	NE		07/02/2018		8,051,048							61,061			
2305	Los Angeles	CA		06/21/2018		3,928,089							19,014			
2306	Freedom	PA		05/31/2018		6,261,585							46,301			
2307	Newark	CA		06/27/2018		2,857,168							21,703			
2308	Marietta	GA		07/02/2018		2,422,685							17,936			
2310	Fairfield	OH		07/18/2018		1,884,987							20,505			
2311	Phoenix	AZ		07/19/2018		8,291,448							93,966			
2312	Northbrook	IL		10/31/2018		3,604,890							40,309			
2314	Lake Forest	IL		07/09/2018		3,146,790							22,924			
2317	Laurel	MD		08/08/2018		15,554,144							114,839			
2318	Laurel	MD		08/08/2018		16,464,809							120,862			
2320	Miami	FL		08/02/2018		5,955,335							68,069			
2321	Pikesville	MD		08/13/2018		3,332,675							24,238			
2322	Beltsville	MD		07/25/2018		8,227,544							62,542			
2323	Houston	TX		08/22/2018		2,145,039							23,434			
2327	Silverdale	WA		08/01/2018		3,795,287							28,027			
2328	Bloomfield	NJ		07/26/2018		6,451,180							48,314			
2330	Montclair	VA		08/27/2018		7,096,593							50,044			
2333	San Diego	CA		09/20/2018		2,802,298							30,155			
2334	Eugene	OR		08/27/2018		15,542,316							79,651			
2337	Danville	CA		08/29/2018		14,052,776							72,486			
2338	Concord	CA		08/29/2018		1,892,933							10,264			
2339	Danville	CA		08/29/2018		5,303,657							27,943			
2340	Tustin	CA		10/23/2018		2,256,091							16,607			
2342	Waconia	MIN.		09/10/2018		3,139,099							57,477			
2345	Roseville	MIN.		09/28/2018		3,473,296							37,850			
2347	Santa Clarita	CA		10/18/2018		3,805,036							27,075			
2348	Lakewood Ranch	FL		11/06/2018		1,726,444							12,136			
2349	New York	NY		11/13/2018		7,771,825							50,334			
2350	New York	NY		11/13/2018		7,771,825							50,334			
2351	New York	NY		11/13/2018		4,663,095							30,200			
2353	New York	NY		12/14/2018		5,730,102							39,509			
2354	New York	NY		12/14/2018		2,725,271							19,493			
2355	Philadelphia	PA		12/07/2018		3,563,775							38,055			
2356	Schaumburg	IL		11/15/2018		3,828,541							67,741			
2362	Menomonee falls	WI		11/30/2018		2,626,857							18,994			
2366	New York	NY		12/06/2018		27,500,000							109,671			
2367	St. Louis	MO		12/07/2018		4,550,956							49,397			
2368	Martinsville	IN		11/14/2018		3,135,431							13,924			
2369	Woodinville	WA		12/10/2018		6,035,553							43,527			
2370	Edgewood	MD		11/30/2018		10,130,722							53,261			

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	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)					
2373	Owings Mills	MD		12/19/2018		10,339,218							110,691			
2374	San Antonio	TX		07/11/2019		6,295,120							82,001			
2375	Pasadena	MD		12/12/2018		19,391,451							135,938			
2376	Burlingame	CA		12/14/2018		9,308,009							48,821			
2378	San Diego	CA		12/19/2018		7,448,187							38,949			
2379	Chula Vista	CA		12/19/2018		9,786,190							50,486			
2381	Henderson	NV		12/19/2018		6,995,618							46,859			
2382	Chantilly	VA		11/30/2018		2,639,488							18,271			
2383	Greendale	WI		12/03/2018		3,189,753							57,099			
2384	Chicago	IL		02/07/2019		3,111,716							56,119			
2385	Sheffield Village	OH		02/11/2019		11,423,297							134,808			
2386	Portland	OR		02/04/2019		6,479,558							112,157			
2387	El Paso	TX		02/21/2019		17,974,586							243,146			
2388	Lincoln Park	NJ		02/06/2019		5,532,144							27,219			
2390	El Paso	TX		01/31/2019		4,447,083							74,883			
2391	Barrington	IL		01/16/2019		5,146,982							54,513			
2392	San Antonio	TX		02/21/2019		2,237,006							37,232			
2394	West Hempstead	NY		04/01/2019		14,837,875							62,729			
2395	New Brighton	NY		03/01/2019		6,887,114							74,325			
2396	Seattle	WA		03/11/2019		1,611,481							26,050			
2397	Auburn Hills	MI		03/15/2019		2,836,206							35,091			
2398	Rockville	MD		02/27/2019		19,300,000							78,489			
2399	Falls Church	VA		03/28/2019		21,022,076							110,506			
2400	Fairfax	VA		03/28/2019		8,387,550							45,577			
2401	Decatur	TX		02/28/2019		2,635,869							45,392			
2402	Portland	OR		03/14/2019		5,194,803							54,892			
2403	Algonquin	IL		06/25/2019		6,019,000							54,980			
2404	Studio City	CA		03/29/2019		5,498,505							29,878			
2405	Salinas	CA		05/01/2019		4,119,429							21,443			
2406	Cincinnati	OH		03/19/2019		1,309,075							6,809			
2407	Springfield	VA		04/22/2019		1,873,909							9,651			
2412	Louisville	CO		05/01/2019		8,437,187							43,124			
2413	New Castle	PA		05/30/2019		9,581,611							72,006			
2414	Round Rock	TX		07/03/2019		5,436,889							37,988			
2415	West Chicago	IL		05/08/2019		4,036,455							28,509			
2416	Rocklin	CA		06/07/2019		2,086,094							8,566			
2419	Hanover	MD		05/31/2019		5,585,495							40,214			
2420	Towson	MD		06/17/2019		469,156							3,278			
2421	Gardena	CA		09/10/2019		4,994,188							26,120			
2425	Buffalo	NY		05/31/2019		3,750,509							19,480			
2428	Arbutus	MD		07/01/2019		7,502,317							55,459			
2433	Eugene	OR		07/19/2019		15,396,871							103,200			
2434	Evans	CO		10/01/2019		12,742,401							64,918			
2436	Miami Gardens	FL		07/26/2019		5,043,652							37,114			
2438	Kissimmee	FL		06/28/2019		5,349,601							27,938			
2441	Pasadena	TX		08/05/2019		5,869,321							40,920			
2442	Madison	WI		07/31/2019		3,157,093							23,736			
2444	Williamsville	NY		07/23/2019		7,836,124							41,784			
2445	Brecksville	OH		09/17/2019		7,841,872							81,944			
2450	Clearwater	FL		10/03/2019		2,068,957							14,965			
2452	Independence	OH		07/30/2019		2,723,112							46,804			

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	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)					
2453	Rehoboth Beach	DE		10/08/2019		9,011,944							61,863			
2454	Smyrna	DE		11/01/2019		12,106,426							60,979			
2455	Charlotte	NC		08/12/2019		3,962,942							44,245			
2460	Lincoln	NE		08/16/2019		2,382,925							17,985			
2461	Sacramento	CA		09/09/2019		6,063,816							30,212			
2462	Madison	WI		12/03/2019		9,183,630							51,717			
2463	Longwood	FL		08/29/2019		14,556,382							78,412			
2465	Nashville	TN		10/29/2019		4,705,080							51,573			
2466	Myrtle Beach	SC		10/21/2019		4,835,155							25,714			
2467	Fort Myers	FL		10/17/2019		1,808,423							18,639			
2468	San Diego	CA		10/25/2019		5,608,940							60,179			
2469	Azusa	CA		11/07/2019		4,870,133							34,222			
2470	Tacoma	WA		09/18/2019		18,068,072							134,741			
2472	Davenport	IA		11/27/2019		3,867,808							29,549			
2473	Alpharetta	GA		09/26/2019		5,304,462							75,641			
2474	El Paso	TX		12/16/2019		3,120,446							49,516			
2475	Belleue	WA		10/23/2019		1,606,336							16,928			
2477	Williamsville	NY		11/07/2019		5,215,946							70,415			
2478	Westchester	IL		10/15/2019		5,155,570							38,665			
2479	San Diego	CA		10/30/2019		4,876,142							36,834			
2480	Seattle	WA		09/30/2019		3,350,952							18,088			
2482	Glen Burnie	MD		10/30/2019		8,611,995							66,311			
2483	Des Moines	IA		12/03/2019		2,538,849							19,291			
2484	Pasadena	CA		10/23/2019		16,353,628							98,576			
2485	Spring Hill	FL		10/24/2019		5,423,443							30,881			
2486	Jensen Beach	FL		10/31/2019		4,297,469							24,469			
2487	Vernon Hills	IL		10/28/2019		2,673,455							28,479			
2488	Columbia	SC		10/29/2019		5,188,711							31,090			
2489	Seguin	TX		11/21/2019		7,441,721							53,365			
2492	Greenwood	MN		12/05/2019		3,702,191							27,327			
2493	Acworth	GA		12/20/2019		5,122,850							38,611			
2494	Riverside	CA		11/15/2019		7,058,587							56,626			
2495	Richardson	TX		12/11/2019		5,805,673							185,399			
2496	Pewaukee	WI		12/05/2019		4,919,984							53,040			
2497	Des Plaines	IL		12/12/2019		1,864,631							14,513			
2498	Omaha	NE		12/02/2019		6,578,649							34,022			
2499	Central Islip	NY		12/16/2019		2,165,500							36,637			
2501	Richmond	VA		12/16/2019		4,448,691							77,107			
2503	Charlotte	NC		01/13/2020		1,413,243							15,566			
2504	Redmond	WA		01/31/2020		9,210,367							73,559			
2506	San Jose	CA		01/14/2020		7,500,000							37,057			
2507	Capitol Heights	MD		02/05/2020		3,966,133							27,682			
2508	District Heights	MD		01/29/2020		1,061,636							7,448			
2509	Chantilly	VA		01/29/2020		3,291,000							23,480			
2510	Laurel	MD		02/05/2020		3,104,090							21,666			
2511	Glen Burnie	MD		02/05/2020		8,706,145							60,766			
2512	Capitol Heights	MD		02/05/2020		2,902,048							20,255			
2513	District Heights	MD		02/05/2020		967,349							6,752			
2514	Forestville	MD		01/29/2020		1,640,711							11,510			
2515	District Heights	MD		01/29/2020		1,520,070							10,664			
2516	Beltsville	MD		02/05/2020		967,349							6,752			

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SCHEDULE B - PART 3

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

1 Loan Number	2 Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/ Recorded Investment Excluding Accrued Interest Prior Year	8 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)						13 Total Foreign Exchange Change in Book Value
2517	Capitol Heights	MD		01/29/2020		2,895,371								20,312		
2518	Manassas	VA		01/29/2020		3,096,948								21,726		
2519	Des Plaines	IL		01/30/2020		1,989,392								21,735		
2520	Irving	TX		01/15/2020		1,477,749								10,810		
2521	Houston	TX		02/14/2020		1,846,627								19,562		
2524	Sunnyvale	CA		02/10/2020		3,264,545								23,094		
2525	Winston Salem	NC		02/12/2020		23,479,739								167,451		
2526	West Berlin	NJ		02/19/2020		7,091,823								75,125		
2527	West Berlin	NJ		02/19/2020		3,129,489								33,151		
2528	Sartell	MN		03/02/2020		1,604,257								26,883		
2530	Franklin	WI		03/05/2020		14,453,777								83,760		
2532	Cary	NC		02/26/2020		8,704,153								48,618		
2533	Concord	CA		02/20/2020		2,976,905								50,265		
2536	Brooklyn Park	MN		03/31/2020		2,458,026								14,072		
2537	New Castle	DE		03/06/2020		4,377,421								32,172		
2540	Scotts Valley	CA		04/03/2020		7,430,410								78,852		
2542	Murfreesboro	TN		04/30/2020		6,201,203								35,609		
2543	Phoenix	AZ		04/28/2020		1,252,845								7,349		
2544	Phoenix	AZ		04/28/2020		2,907,547								17,056		
2545	San Antonio	TX		07/29/2020		2,410,827								17,664		
2546	Kent	OH		05/15/2020		4,986,217								38,307		
2547	Stow	OH		05/07/2020		1,895,481								14,211		
2548	Wichita	KS		04/30/2020		16,659,766								95,957		
2549	Sartell	MN		04/30/2020		2,160,398								36,335		
2552	Brentwood	TN		05/26/2020		8,239,912								48,340		
2555	Tampa	FL		05/18/2020		1,967,908								11,128		
2559	Philadelphia	PA		05/21/2020		16,086,841								108,763		
2560	Jupiter	FL		06/12/2020		2,380,447								18,417		
2563	Tulsa	OK		06/04/2020		6,234,079								104,427		
2565	Salem	OR		05/29/2020		8,178,696								48,421		
2566	Newark	DE		08/10/2020		4,773,178								49,854		
2568	Mendota Heights	MN		08/26/2020		16,453,989								122,176		
2569	El Paso	TX		08/28/2020		4,494,588								70,870		
2570	Farmington Hills	MI		08/25/2020		2,543,230								25,947		
2571	Bothell	WA		09/22/2020		4,421,138								45,891		
2572	Highland	IN		09/10/2020		1,387,727								11,340		
2573	Houston	TX		09/15/2020		2,386,363								37,935		
2574	Hazle Township	PA		09/24/2020		24,964,056								448,319		
2575	Orchard Park	NY		11/30/2020		26,822,617								153,445		
2576	Seattle	WA		09/10/2020		2,498,665								24,352		
2577	Menlo Park	CA		09/03/2020		5,980,330								32,688		
2578	East Amherst	NY		09/01/2020		2,634,812								19,323		
2579	Williamsville	NY		09/01/2020		2,161,625								16,150		
2580	Lincoln	CA		08/20/2020		2,164,701								10,480		
2581	Washington	DC		09/17/2020		3,677,935								38,899		
2582	Sterling Heights	MI		10/26/2020		15,291,773								386,377		
2583	Glen Burnie	MD		09/16/2020		2,733,316								20,190		
2584	East Elmhurst	NY		09/18/2020		2,648,142								18,511		
2585	New York	NY		09/18/2020		1,489,580								10,412		
2589	Pembroke Park	FL		10/27/2020		4,114,706								62,994		
2590	Hallandale	FL		10/27/2020		5,490,562								28,670		

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SCHEDULE B - PART 3

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

1 Loan Number	2 Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/ Recorded Investment Excluding Accrued Interest Prior Year	8 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)						13 Total Foreign Exchange Change in Book Value
2591	Orlinda	TN		09/30/2020		1,272,615							36,443			
2592	Webster Groves	MO		11/24/2020		3,603,506							19,209			
2594	Gresham	OR		10/22/2020		22,432,951							203,844			
2596	Lutherville-Timonium	MD		10/23/2020		7,518,261							28,705			
2596	Lutherville-Timonium	MD		10/23/2020		7,518,261							14,303			
2597	Newark	DE		01/15/2021		6,436,058							37,360			
2598	El Monte	CA		10/30/2020		2,773,428							15,862			
2599	Houston	TX		11/13/2020		3,021,608							23,218			
2600	Houston	TX		11/13/2020		2,171,781							16,688			
2601	St. Louis Park	MN		11/02/2020		1,724,311							9,864			
2602	San Jose	CA		11/05/2020		4,069,491							30,123			
2603	Houston	TX		11/30/2020		2,841,281							20,770			
2604	Owasso	OK		10/09/2020		3,402,103							24,906			
2605	Dublin	OH		11/20/2020		12,600,969							91,537			
2606	Saint Paul	MN		10/30/2020		7,289,220							53,563			
2608	Pittsford	NY		12/28/2020		12,117,167							86,465			
2609	Rochester	NY		12/28/2020		10,691,618							76,293			
2610	Tempe	AZ		11/19/2020		4,449,698							32,732			
2611	San Antonio	TX		11/30/2020		6,352,482							45,569			
2612	New Berlin	WI		01/11/2021		5,318,250							39,957			
2613	Barre	VT		12/14/2020		5,802,941							161,944			
2614	Charlotte	NC		11/13/2020		1,572,085							16,659			
2615	Marysville	WA		12/21/2020		4,362,449							32,329			
2616	Vista	CA		11/03/2020		3,826,008							22,611			
2618	Fort Lauderdale	FL		12/18/2020		2,935,525							63,044			
2619	Edina	MN		11/24/2020		2,599,628							26,274			
2620	Memphis	TN		12/17/2020		30,000,000							151,702			
2621	Savannah	GA		02/02/2021		9,857,565							55,083			
2622	Miami	FL		12/11/2020		2,784,593							29,249			
2623	Centennial	CO		12/15/2020		11,800,136							67,839			
2624	Medford	WA		12/15/2020		11,816,932							65,742			
2625	San Jose	CA		12/18/2020		3,352,152							20,002			
2626	Laurel	MD		01/25/2021		3,655,089							20,564			
2627	Palo Alto	CA		01/14/2021		4,810,570							26,896			
2628	Lancaster	PA		01/26/2021		4,606,786							70,260			
2629	Sauk Rapids	MN		03/01/2021		4,806,045							28,655			
2630	Draper	UT		03/04/2021		11,456,144							84,679			
2631	Belleve	WA		03/04/2021		5,250,733							38,811			
2632	Westerville	OH		01/28/2021		1,787,239							18,804			
2633	Houston	TX		02/10/2021		5,532,632							39,821			
2634	Van Nuys	CA		03/29/2021		5,482,795							33,577			
2635	Oklahoma City	OK		01/29/2021		14,379,889							87,437			
2636	Norman	OK		04/30/2021		22,824,684							160,525			
2636	Norman	OK		04/30/2021		22,824,684							79,987			
2637	Belleve	WA		03/30/2021		5,443,372							39,981			
2638	Larkspur	CA		03/11/2021		8,900,000							31,322			
2640	Seattle	WA		02/25/2021		8,414,244							64,499			
2642	Dublin	OH		02/11/2021		2,756,463							21,235			
2643	Los Angeles	CA		03/15/2021		5,793,262							62,875			
2645	Seattle	WA		02/25/2021		2,662,134							20,407			
2646	Hyattsville	MD		04/30/2021		2,494,020							5,792			

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	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)					
2647	Fairfax	VA		03/29/2021		5,167,963								36,302		
2648	Silver Spring	MD		03/29/2021		3,062,496								21,512		
2649	Reston	VA		03/29/2021		7,560,538								53,108		
2650	Alexandria	VA		03/29/2021		5,646,478								39,663		
2652	Philadelphia	PA		03/23/2021		12,095,460								63,290		
2653	Melville	NY		03/26/2021		12,832,528								72,699		
2654	Fairborn	OH		02/26/2021		5,629,819								58,602		
2655	Reynoldsburg	OH		02/26/2021		3,973,110								41,357		
2656	Cuyahoga Falls	OH		02/26/2021		2,134,192								22,215		
2657	Miamisburg	OH		02/26/2021		3,423,677								35,638		
2658	Lutherville-Timonium	MD		04/01/2021		2,588,953								9,234		
2658	Lutherville-Timonium	MD		04/01/2021		2,588,953								4,598		
2659	Ridgewood	NY		04/19/2021		6,777,821								36,452		
2660	Wood Dale	IL		04/15/2021		2,850,651								16,232		
2661	Westlake	OH		04/30/2021		3,247,901								24,810		
2662	Medina	OH		04/30/2021		3,032,967								23,168		
2663	Berea	OH		04/30/2021		1,671,714								12,770		
2664	Medina	OH		04/30/2021		1,337,371								10,216		
2665	Dublin	OH		05/24/2021		8,551,697								60,298		
2666	Shorewood	MN		05/03/2021		7,545,033								78,290		
2668	Allentown	PA		04/16/2021		5,181,250								29,225		
2669	Toms River	NJ		04/16/2021		3,712,230								20,939		
2670	Tallahassee	FL		08/17/2021		4,006,151								101,667		
2671	Tacoma	WA		05/19/2021		1,927,599								19,409		
2673	Chino	CA		05/17/2021		8,485,557								88,475		
2674	Oak Creek	WI		05/17/2021		1,470,525								10,302		
2675	Hartland	WI		06/01/2021		2,818,506								19,745		
2676	North Olmsted	OH		08/16/2021		12,141,768								177,297		
2677	Spring Lake	NC		05/03/2021		8,489,202								87,917		
2678	Vienna	OH		06/01/2021		10,452,933								94,401		
2679	Columbia	SC		06/15/2021		1,691,469								17,063		
2680	Fayetteville	NC		06/09/2021		7,052,214								54,099		
2683	Camp Hill	PA		06/07/2021		2,123,723								26,627		
2684	Edison	NJ		06/18/2021		5,967,129								42,567		
2685	Waterford	CT		06/29/2021		5,674,805								41,110		
2687	Cincinnati	OH		05/26/2021		1,260,769								6,783		
2688	San Diego	CA		09/01/2021		5,022,735								36,540		
2689	Solana Beach	CA		09/01/2021		5,409,099								39,351		
2693	Salem	OR		06/30/2021		7,479,378								40,315		
2694	Hermitage	PA		06/30/2021		3,991,253								38,292		
2695	Brooklyn Center	MN		06/30/2021		2,828,218								42,304		
2696	Lansing	MI		08/17/2021		6,217,594								58,573		
2697	Waukesha	WI		07/22/2021		9,662,583								103,331		
2698	Brownstown Township	MI		06/30/2021		7,762,675								43,269		
2699	Kalamazoo	MI		06/30/2021		2,913,183								15,854		
2700	Westland	MI		06/30/2021		2,969,223								16,550		
2701	Seattle	WA		10/12/2021		3,109,456								21,540		
2702	Brentwood	TN		07/20/2021		1,935,078								10,451		
2703	Costa Mesa	CA		08/02/2021		2,483,531								13,701		
2704	Garland	TX		08/03/2021		6,231,233								34,764		
2705	Houston	TX		07/28/2021		2,896,077								20,185		

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

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	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)						13 Total Foreign Exchange Change in Book Value
2707	La Habra	CA		08/24/2021		6,527,108											97,391
2708	Kansas City	MO		08/30/2021		4,003,426											81,415
2709	Homestead	FL		09/09/2021		7,426,057											189,609
2713	Bellevue	WA		08/05/2021		3,341,425											32,759
2714	Madison Heights	MI		08/09/2021		4,389,845											43,380
2715	Sykesville	MD		09/13/2021		1,406,309											20,670
2716	Sykesville	MD		09/13/2021		2,437,603											35,828
2717	Wheeling	IL		09/09/2021		1,534,806											14,457
2718	Burr Ridge	IL		12/15/2021		1,643,764											15,756
2719	Elmhurst	IL		12/15/2021		2,997,452											28,731
2720	Pasadena	TX		09/17/2021		2,962,554											74,349
2721	Sunrise	FL		09/23/2021		1,934,022											14,515
2722	Kennewick	WA		09/21/2021		4,977,517											27,035
2723	San Diego	CA		12/10/2021		2,928,766											19,979
2724	Martinez	CA		10/19/2021		5,921,928											42,275
2726	Chattanooga	TN		10/15/2021		2,542,779											37,284
2727	Oakville	MO		11/10/2021		2,480,440											17,851
2728	Santa Rosa	CA		12/06/2021		3,504,015											18,481
2730	San Jose	CA		11/30/2021		7,031,867											69,953
2731	Santa Cruz	CA		11/30/2021		9,059,361											90,123
2736	Torrance	CA		11/10/2021		3,766,217											21,455
2737	Temecula	CA		12/03/2021		4,413,986											24,051
2738	Murrieta	CA		12/03/2021		4,610,163											25,120
2739	Tampa	FL		12/15/2021		4,681,742											33,094
2743	Sparks	MD		12/07/2021		2,690,999											17,710
2744	Cincinnati	OH		12/10/2021		2,941,887											16,239
2745	Danville	CA		12/15/2021		4,901,521											27,495
2746	Nashville	TN		03/07/2022		7,398,043											39,084
2747	San Jose	CA		12/07/2021		17,554,988											96,431
2748	Portland	OR		12/15/2021		5,509,310											136,591
2749	Wauwatosa	WI		12/15/2021		5,363,757											38,114
2750	Albany	OR		01/28/2022		6,089,854											33,799
2751	Salem	OR		01/28/2022		7,342,203											40,749
2753	Depew	NY		03/28/2022		4,582,859											44,828
2754	Amherst	NY		03/28/2022		4,634,841											44,151
2755	Landover	MD		12/01/2021		4,574,541											32,242
2756	Buffalo	NY		03/23/2022		2,928,349											27,497
2758	Hicksville	NY		01/28/2022		4,526,145											22,770
2760	West Seneca	NY		03/24/2022		7,069,540											49,968
2761	Miami	FL		02/04/2022		4,363,672											29,509
2762	Grand Prairie	TX		03/15/2022		2,586,096											24,509
2763	Sugar Land	TX		02/24/2022		3,837,925											21,142
2764	Downers Grove	IL		01/28/2022		6,183,919											35,558
2765	Mokena	IL		01/28/2022		4,368,007											25,117
2766	Fishkill	NY		03/11/2022		5,598,961											38,743
2768	Lewisville	TX		02/11/2022		2,448,697											17,483
2769	Englewood	CO		03/04/2022		6,555,555											36,138
2772	Fuquay-Varina	NC		03/29/2022		1,563,240											14,143
2774	Columbus	OH		02/15/2022		31,093,119											308,650
2775	Mesa	AZ		02/15/2022		3,052,608											16,170
2777	Glen Burnie	MD		04/14/2022		12,827,011											123,140

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SCHEDULE B - PART 3

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

1 Loan Number	2 Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/ Recorded Investment Excluding Accrued Interest Prior Year	8 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)						13 Total Foreign Exchange Change in Book Value
2777	Glen Burnie	MD		04/14/2022		12,827,011								61,367		
2778	Massillon	OH		04/12/2022		5,531,651								29,873		
2779	Medina	OH		04/12/2022		8,297,476								44,810		
2780	Harrison Township	MI		04/27/2022		4,925,706								32,580		
2781	Auburn	WA		05/25/2022		1,876,072								12,230		
2783	Fort Wayne	IN		05/11/2022		13,517,223								67,799		
2784	Del Rey Oaks	CA		11/01/2022		4,841,917								24,571		
2787	Bala Cynwyd	PA		05/25/2022		12,050,406								76,548		
2788	Indianapolis	IN		05/25/2022		2,666,846								16,964		
2792	Amherst	NY		06/28/2022		3,131,565								41,892		
2793	Depew	NY		06/28/2022		1,957,566								25,991		
2794	Melville	NY		05/27/2022		9,088,301								57,182		
2795	Walker	MI		07/21/2022		10,353,463								66,175		
2796	Redwood City	CA		11/01/2022		18,470,321								90,302		
2797	Freemont	CA		12/01/2022		9,100,000								44,294		
2798	San Jose	CA		12/01/2022		12,200,000								56,889		
2802	Omaha	NE		05/26/2022		10,298,314								51,913		
2803	Wilmington	DE		12/01/2022		5,200,000								44,772		
2804	Temecula	CA		06/09/2022		12,894,043								64,819		
2807	Sacramento	CA		11/22/2022		19,500,000								629,541		
2808	Clearfield	UT		05/26/2022		3,467,675								16,537		
2809	Teaneck	NJ		07/07/2022		31,739,962								199,002		
2810	Palm Harbor	FL		07/18/2022		4,167,488								24,927		
2811	Napa	CA		05/26/2022		2,963,885								18,495		
2812	Miami	FL		08/11/2022		33,858,467								144,553		
2813	Livonia	MI		06/23/2022		3,568,249								29,151		
2814	Pasco	WA		06/28/2022		10,916,933								50,946		
2816	Florissant	MO		09/19/2022		6,102,839								33,935		
2817	Farmers Branch	TX		09/19/2022		4,857,362								27,009		
2818	Indianapolis	IN		09/19/2022		3,786,251								21,053		
2819	Salem	OR		07/28/2022		2,964,755								16,931		
2820	Melville	NY		08/22/2022		7,672,333								28,372		
2821	Melville	NY		08/24/2022		4,855,690								17,956		
2822	Franklin	TN		11/01/2022		1,569,309								8,239		
2823	Tukwila	WA		11/09/2022		4,500,000								25,031		
2824	Brigantine	NJ		10/06/2022		3,795,867								29,610		
2825	Lebanon	PA		10/06/2022		3,639,067								28,387		
2826	Clearwater	FL		08/31/2022		2,987,690								12,578		
2827	Omaha	NE		08/30/2022		3,124,163								16,239		
2829	Hayward	CA		09/29/2022		2,949,104								78,139		
2830	Madison	WI		01/17/2023										9,037		
2831	San Antonio	TX		10/18/2022		3,400,177								17,826		
2832	Clearwater	FL		10/14/2022		2,040,173								10,496		
2833	Elmwood Park	NJ		11/28/2022		11,200,000								61,059		
2834	Bellevue	WA		11/29/2022		2,200,000								26,545		
2836	Melbourne	FL		10/28/2022		7,989,350								32,546		
2837	Mount Pleasant	MI		11/17/2022		1,624,400								6,342		
2841	Portland	OR		10/31/2022		6,241,123								27,088		
2844	Newberg	OR		12/13/2022		3,700,000								20,066		
2845	Clackamas	OR		12/13/2022		2,462,800								13,260		
2846	Dallas	TX		11/30/2022		6,900,000								36,758		

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE B - PART 3

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

1 Loan Number	2 Location		4 Loan Type	5 Date Acquired	6 Disposal Date	7 Book Value/ Recorded Investment Excluding Accrued Interest Prior Year	8 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)						13 Total Foreign Exchange Change in Book Value
2847	Madison	WI		11/16/2022		18,700,000							222,264				
2848	Madison	WI		11/16/2022		25,700,000							305,464				
2849	Monona	WI		11/16/2022		16,000,000							121,695				
2850	Portland	OR		12/01/2022		2,500,000							18,511				
2852	Bothell	WA		12/16/2022		14,500,000							51,870				
2853	Compton	CA		12/15/2022		2,800,000							10,108				
2857	Manassas	VA		02/17/2023									13,671				
2858	Gainesville	FL		03/30/2023									33,818				
2859	Salem	OR		03/06/2023									4,920				
2860	Harrisburg	PA		03/15/2023									14,701				
2866	Bellevue	WA		03/30/2023									16,337				
2867	Frederick	MD		05/01/2023									9,702				
0A01640	Eugene	OR		12/17/2013		265,660							18,717				
0A01679	Glen Ellyn	IL		01/17/2019		2,863,507							64,548				
0A01735	Southern Pines	NC		09/24/2015		1,102,884							21,596				
0A01736	Monrovia	CA		03/02/2017		1,501,385							64,484				
0A01771	St. Louis Park	MN		05/21/2020		2,722,530							29,242				
0A01808	Cleveland	OH		07/18/2017		2,843,213							61,130				
0A01812	Totowa	NJ		10/28/2019		4,945,125							44,179				
0A01833	Miami	FL		02/12/2020		954,604							4,469				
0A01895	Cheektowaga	NY		10/06/2015		1,523,203							15,580				
0A01954	Abingdon	MD		11/30/2022		2,806,452							10,380				
0A01963	Annapolis	MD		09/30/2022		3,185,016							23,033				
0A01994	Calabasas	CA		08/10/2017		4,044,243							24,399				
0A02036	Addison	TX		05/01/2018		1,224,164							17,040				
0A02071	Huntington	CA		03/31/2023									5,492				
0A02127	San Diego	CA		11/25/2019		4,710,559							58,638				
0A02176	El Cajon	CA		12/16/2019		2,031,007							13,981				
0A02506	San Jose	CA		01/26/2021		2,000,000							9,094				
0A02574	Hazle Township	PA		10/21/2021		7,440,514							132,521				
0B01994	Calabasas	CA		04/28/2020		2,048,508							10,488				
0299999. Mortgages with partial repayments						4,467,761,260							43,264,527				
2862	Roslyn	NY		05/25/2023	05/26/2023							3,800,000	1,808,800				
2863	Glen Head	NY		05/10/2023	05/10/2023							3,000,000	1,428,000				
2864	Annapolis	MD		04/21/2023	04/25/2023							19,000,000	1,000,000				
2868	Waxhaw	NC		05/30/2023	06/01/2023							3,850,000	1,832,600				
2871	Olmsted Falls	OH		06/15/2023	06/20/2023							3,400,000	1,618,400				
2873	Akron	OH		06/21/2023	06/23/2023							10,000,000	4,760,000				
2875	New York	NY		06/07/2023	06/09/2023							6,500,000	3,094,000				
2877	Carrollton	GA		05/31/2023	06/01/2023							10,000,000	1,000,000				
2881	Baltimore	MD		06/01/2023	06/05/2023							8,750,000	1,000,000				
2883	Frederick	MD		06/16/2023	06/20/2023							5,900,000	1,000,000				
2885	Marietta	GA		05/31/2023	06/01/2023							11,700,000	1,000,000				
2886	Cincinnati	OH		06/23/2023	06/27/2023							7,550,000	1,000,000				
2892	Lino Lakes	MN		06/07/2023	06/09/2023							16,100,000	1,000,000				
0399999. Mortgages disposed												109,550,000	21,541,800				
0599999 - Totals						4,509,726,842						150,646,018	105,902,345				

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STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE BA - PART 2

Showing Other Long-Term Invested Assets ACQUIRED AND ADDITIONS MADE During the Current Quarter

1 CUSIP Identification	2 Name or Description	3 Location		5 Name of Vendor or General Partner	6 NAIC Designation, NAIC Designation Modifier and SVO Admini- strative Symbol	7 Date Originally Acquired	8 Type and Strategy	9 Actual Cost at Time of Acquisition	10 Additional Investment Made After Acquisition	11 Amount of Encumbrances	12 Commitment for Additional Investment	13 Percentage of Ownership
		City	State									
	AEA Investors SBF IV, LP	Stamford	CT	AEA Investors SBF IV Prts		10/11/2019	3	221,805			606,487	0.005
	Aquiline Fin Services IV	New York	NY	Aquiline Cap Prt IV, Offshore		12/20/2019	3	181,047			480,509	0.022
	Aquiline Tech Growth Fund, LP	New York	NY	Aquiline Tech Growth Fund, LP		07/28/2017	1	111,058			345,232	0.010
	BBH Capital Partners V, LP	New York	NY	BBH Capital Partners V, LP		12/19/2016	3	54,832			401,517	0.068
	Bison Capital Partners IV, LP	Santa Monica	CA	Bison Capital Partners IV, LP		03/15/2013	3	14,581			340,673	0.028
	Bison Capital Partners V, LP	Santa Monica	CA	Bison Capital Partners V, LP		09/18/2017	3	(3,960)			960,515	0.020
	Builders VC Fund I, LP	San Francisco	CA	Builders VC GP I, LLC		11/04/2018	1	472,500			560,000	0.040
	Builders VC Fund II, LP	San Francisco	CA	Builders VC GP II, LLC		02/17/2021	1	650,000			5,850,000	0.249
	Construct Capital I, LP	Chevy Chase	MD	Construct Capital GP I, LLC		02/03/2021	1	160,000			1,300,000	0.015
	Construct Capital II, LP	Chevy Chase	MD	Construct Capital GP II, LLC		09/29/2022	1	125,000			4,425,000	0.029
	Construct Capital Select I	Chevy Chase	MD	Construct Capital Select GP I		04/01/2022	1	125,000			2,135,000	0.026
	CRV XIX, LP	Cambridge	MA	CRV XIX GP, LP		06/10/2022	1	560,000			5,547,500	0.040
	Diversis Cap Partners I, LP	Los Angeles	CA	Diversis Cap Prtns GP I, LP		07/17/2019	3	212,566			1,269,740	0.010
	EQT Mid Market Europe, LP	Stockholm	SWE	EQT MID Mkt Europe, 2 Feeder		08/11/2017	3	28,512			737,453	0.007
	EW Healthcare Partners 2, LP	Woodlands	TX	EW Healthcare Prt 2 GP LP		09/26/2019	1	909,488			3,924,577	0.003
	First Reserve Fund XIII, LP	Greenwich	CT	First Reserve GP XIII, LP		07/15/2014	3	(376,316)			414,700	0.004
	First Reserve Fund XIV, LP	Greenwich	CT	First Reserve GP XIV, LP		08/14/2019	3	967,475			541,105	0.001
	Genstar Capital Prts X, LP	San Francisco	CA	Genstar Capital X, LP		12/13/2021	3	837,176			4,374,614	0.006
	Goldpoint Prts Co-Invest VI LP	New York	NY	Goldpoint Prts Co-Invest VI LP		02/26/2018	3	44,904			599,472	0.010
	Gridiron Capital Fund III, LP	New Canaan	CT	Gridiron Capital Fund III, LP		11/07/2016	3	119,916			2,584,010	0.035
	Gridiron Capital Fund IV, LP	New Canaan	CT	Gridiron GP IV, LLC		05/06/2020	3	154,075			871,832	0.039
	Gryphon Partners VI, LP	San Francisco	CA	Gryphon GenPar VI, LP		12/18/2020	3	1,148,858			1,506,481	0.003
	HGGC Fund IV, LP	Palo Alto	CA	HGGC Fund IV GP, LP		06/25/2020	3	851,869			4,293,149	0.042
	Lerer Hippeau Select IV, LP	Palo Alto	CA	Lerer Hippeau Vent Select IV		03/21/2022	1	250,000			2,250,000	0.038
	LS Power Equity Partners III	New York	NY	LS Power Partners III		07/11/2014	3	372,881			415,247	0.021
	LS Power Equity Partners IV	New York	NY	LS Power Partners IV		06/10/2019	3	1,366,252			1,265,865	0.011
	Maveron Equity Prtns VII, LP	Seattle	WA	Maveron Equity Prtns VII, LP		12/11/2019	1	600,000			1,300,000	0.010
	Maveron Equity Prtns VIII, LP	Seattle	WA	Maveron Equity Prtns VIII, LP		06/22/2022	1	575,000			8,425,000	0.020
	MPowered Cap Access I, LP	Minneapolis	MN	MPowered Cap Access I GP, LP		04/26/2023	1	1,518,564			5,312,372	0.025
	PA Co-Investment Fund IV, LP	Darien	CT	PCIF IV (GP), LLC		10/29/2020	3	227,061			1,183,408	0.033
	Partech Intl Vent VII, FCPI	Paris	FRA	Partech Intl Vent VII, FCPI		06/24/2016	1	(13,542)			357,411	0.056
	Procuritas Cap Inv VII (D) AB	Stockholm	SWE	Procuritas Cap Inv VII (D) AB		07/21/2022	3	2,297,375			7,839,807	0.057
	Revelstoke Cap Prt Co-Invt I	Denver	CO	Revelstoke Cap Prt Co-Invt I		06/01/2015	3	7,214			25,822	0.015
	Revelstoke Cap Prtns I, LP	Denver	CO	Revelstoke Cap Prtns I, LP		06/01/2015	3	7,181			25,704	0.020
	Revelstoke Cap Prtns II, LP	Denver	CO	Revelstoke Cap Prtns II, LP		07/20/2018	3	170,588			1,620,549	0.041
	Revelstoke Cap Prtns III, LP	Denver	CO	ROP Fund III GP, LLC		12/29/2021	3	1,058,794			5,297,594	0.029
	Revolution Growth III, LP	Washington	DC	Revolution Growth III, LP		10/21/2015	1	57,142			7,774	0.002
	Revolution Growth IV, LP	Washington	DC	Revolution Growth IV, LP		01/04/2022	1	326,792			5,998,243	0.017
	Revolution Ventures II, LP	Washington	DC	Revolution Ventures GP II		10/25/2013	1	124,274			459,372	0.033
	Revolution Ventures III, LP	Washington	DC	Revolution Ventures GP III		10/13/2020	1	228,903			4,414,357	0.008
	Ridge Ventures IV, LP	San Francisco	CA	Ridge Ventures IV, LLC		07/27/2018	1	209,250			1,368,750	0.006
	Ridge Ventures V, LP	San Francisco	CA	Ridge Ventures V, LLC		06/15/2022	1	656,000			8,516,108	0.008
	SPC Partners VI, LP	San Francisco	CA	Swander Pace Capital VI, LP		11/16/2017	3	91,912			1,694,684	0.008
	Threshold Ventures IV, LP	Menlo Park	CA	Threshold Ventures IV GP, LLC		11/03/2022	1	400,000			8,450,000	0.008
	Trident VIII, LP	Greenwich	CT	Trident Capital VIII, LP		04/08/2020	3	184,496			1,194,363	0.008
	TVM Life Science Innov I, LP	St Helier	JEY	TVM Life Science Mgmt, Ltd.		10/15/2012	1	200,368			486,894	0.008
	Will Ventures II, LP	Boston	MA	Will Ventures II LLC		04/18/2022	1	182,414			3,721,079	0.008
	Wind Point Partners IX-A, LP	Chicago	IL	Wind Point Partners IX, LP		11/09/2020	3	80,460			914,986	0.008

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STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE BA - PART 2

Showing Other Long-Term Invested Assets ACQUIRED AND ADDITIONS MADE During the Current Quarter

1 CUSIP Identification	2 Name or Description	3 Location		5 Name of Vendor or General Partner	6 NAIC Designation, NAIC Designation Modifier and SVO Admini- strative Symbol	7 Date Originally Acquired	8 Type and Strategy	9 Actual Cost at Time of Acquisition	10 Additional Investment Made After Acquisition	11 Amount of Encumbrances	12 Commitment for Additional Investment	13 Percentage of Ownership
		City	State									
	Wind Point Partners X-A, LP	Chicago	IL	Wind Point Investors X, LP		09/15/2022	3	397,208			6,352,935	0.008
	Windjammer Sr Equity V, LP	Newport Beach	CA	Windjammer Cap Invest V, LLC		08/05/2019	3	109,347			1,223,681	0.008
1999999. Joint Venture Interests - Common Stock - Unaffiliated								18,994,266			124,191,571	XXX
	AEA Mezzanine Fund IV, LP	Stamford	CT	AEA Mezzanine Management		07/23/2018	2	884,601			2,499,599	0.017
	Arrowhead Capital Fnd III, LP	Greenwich	CT	Arrowhead Capital Fnd III, LP		12/20/2017	2	63,483			3,797,338	0.029
	Balance Point Capital Prtns V	Westport	CT	Balance Point Capital Adv V		12/02/2021	2	906,152			4,233,707	0.028
	BlackRock Global Infra IV A	Greenwich	CT	BGIF IV (GenPar), LLC		12/16/2022	2	1,095,395			8,128,025	0.038
	Caltius Partners VI, LP	Los Angeles	CA	GPM VI, LP		05/27/2022	2	777,063			6,363,181	0.036
	Crescent Mezzanine Prtns VII	Los Angeles	CA	Crescent Mezzanine VII, LLC		09/28/2016	2	95,879			3,255,823	0.017
	CRG Partners IV, LP	Houston	TX	CRG Partners IV GP, LP		01/28/2019	2	1,888,458			5,226,495	0.029
	Cyrium Investors IV, LP	Cleveland	OH	Cyrium IV Management LLC		06/16/2014	2	75,851			664,735	0.005
	Cyrium Investors V, LP	Cleveland	OH	Cyrium V Management LLC		08/15/2019	2	541,911			1,819,016	0.010
	Falko Regnl Aircraft Opp II	St Helier	JEY	Falko RAOG GP II Limited		03/25/2019	2	153,858			3,208,366	0.015
	GCG Investors VI, LP	Chicago	IL	GCG Investors VI GP, LLC		06/15/2023	2	472,166			9,446,700	0.061
	Global Power Energy Infra III	Greenwich	CT	GEPIF III		04/05/2019	2	186,694			1,512,298	0.036
	GMB Mezzanine Capital IV, LP	Minneapolis	MN	Lakeside Capital Partners IV		03/27/2019	2	1,000,000			2,800,000	0.084
	GMB Mezzanine Capital V, LP	Minneapolis	MN	Lakeside Capital Partners V		05/05/2023	2	1,000,000			8,996,274	0.002
	Goldpoint Mezz Prtns IV, LP	New York	NY	Goldpoint Mezz Prtns IV, LP		12/21/2015	2	48,773			1,203,719	0.008
	GoldPoint Prtrs Priv Debt V	New York	NY	GoldPoint Prtrs Priv Debt V		07/02/2020	2	345,365			2,578,431	0.025
	Midwest Mezzanine Fund V, LP	Chicago	IL	Midwest Mezz Mgm V, LLC		06/27/2013	2	27,043			258,950	0.033
	MML Cap Partners Fund VI, LP	London	GBR	MML Cap Partners VI GP Ltd		12/04/2014	2	175,253			473,721	0.023
	MML Partnership Cap VII	London	GBR	MML Partnership Cap VII, Sarl		09/17/2019	2	494,314			225,625	0.015
	PA DCOF II	Darien	CT	PADCOF II GP, LLC		05/15/2017	2	15,214			803,220	0.028
	Peninsula Fund VII, LP	Detroit	MI	Peninsula Fund VII Mgmt, LLC		02/13/2020	2	1,334,076			2,927,751	0.032
	Siguler Guff SBDOF, III	Boston	MA	Siguler Guff SBDOF III GP LLC		12/21/2022	2	6,495,000			7,440,000	0.030
	Solace Cap Spl Situ Fund, LP	Los Angeles	CA	Solace General Partner, LLC		12/19/2016	11	2,912			616,087	0.008
	Tenex Cap Partners III, LP	New York	NY	Tenex Capital III GP, LP		04/23/2021	11	936,989			4,193,038	0.025
	Yukon Cap Partners III, LP	Minneapolis	MN	Yukon Partners III, LC		07/18/2017	2	73,379			1,406,030	0.018
	Yukon Cap Partners IV, LP	Minneapolis	MN	Yukon Partners IV, LLC		11/24/2020	2	2,065,437			1,297,372	0.016
2599999. Joint Venture Interests - Other - Unaffiliated								21,155,266			85,375,501	XXX
	Aegon LIHTC Fund 62, LLC	Cedar Rapids	IA	Aegon Community Invest 62 LLC		04/15/2021		334,832			6,589,386	0.067
	RAH Corp Ptrs Fund 57, LLC	Great Neck	NY	RAH Associates No. 57 LLC		08/12/2021		1,211,104			6,560,186	0.119
	Red Stone Equity-Fund 75, LP	New York	NY	RSEP MM, LLC		12/28/2019		990,615			1,158,765	0.077
	Red Stone Equity-Fund 84, LP	New York	NY	RSEP MM, LLC		04/26/2021		1,820,929			5,461,415	0.050
	WNC Intl Tax Cr Fund 44, LP	Irvine	CA	WNC Managing Partners 44 LLC		03/29/2018		85,023			499,209	0.091
	WNC Intl Tax Cr Fund 49, LP	Irvine	CA	WNC Managing Partners 49 LLC		08/13/2020		968,875			1,498,875	0.069
	WNC Intl Tax Cr Fund 52, LP	Irvine	CA	WNC Managing Partners 52 LLC		03/17/2022		1,079,469			7,547,493	0.054
3799999. Non-Guaranteed Federal Low Income Housing Tax Credit - Unaffiliated								6,487,052			29,315,329	XXX
6099999. Total - Unaffiliated								46,636,584			238,882,401	XXX
6199999. Total - Affiliated												XXX
6299999 - Totals								46,636,584			238,882,401	XXX

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STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE BA - PART 3

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

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 (Amortiz- ation)/ 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						
36480#-10-9	Garmark Partners II, LP	Stamford	CT	Income Distribution	02/14/2006	01/18/2023													3,129
91832*-10-3	YSS Structured Capital II, LP	New York	NY	Other than Temporary Impairment	06/01/2009	06/30/2023	168,500	(168,500)		168,500		(337,000)							
1799999. Joint Venture Interests - Fixed Income - NAIC Designation Not Assigned by the SVO - Unaffiliated								168,500	(168,500)	168,500		(337,000)							3,129
	AEA Small Business Fund III	New York	NY	Return of Capital, Income	08/15/2016	05/30/2023	3,020,366	(35,777,847)				(35,777,847)	3,020,366	3,020,366					507,179
	Amberbrook VII, LLC	New York	NY	Return of Capital	03/31/2016	06/29/2023	99,107	(78,153)				(78,153)	99,107	99,107					
	Amberbrook VIII, LP	New York	NY	ROC, Stock Sale, Income Dist	12/20/2019	06/30/2023	12,215	(17,478)				(17,478)	12,215	108,824		96,609	96,609	2,221	
	Bison Capital Partners IV, LP	Santa Monica	CA	Return of Capital	03/15/2013	04/20/2023	5	(74)				(74)	5	5					
	Bison Capital Partners V, LP	Santa Monica	CA	Return of Capital, Income	09/18/2017	04/26/2023	679,154	(982,824)				(982,824)	679,154	679,154				22,067	
	Bison Capital Partners VI, LP	Santa Monica	CA	Return of Capital, Income	03/30/2023	06/29/2023	90,442	(91,740)				(91,740)	90,442	90,442				2,340	
	Century Focused Fund III, LP	Boston	MA	Stock Sale	02/29/2012	06/29/2023								802,398		802,398	802,398		
	Diversis Cap Partners I, LP	Los Angeles	CA	Income Distribution	07/17/2019	04/26/2023												1,272,703	
	First Reserve Fund XIII, LP	Greenwich	CT	Return of Capital, Income	07/15/2014	06/30/2023	1,073,822	(786,981)				(786,981)	1,073,822	1,073,822				127,498	
	First Reserve Fund XIV, LP	Greenwich	CT	Return of Capital	08/14/2019	05/22/2023	26,185	(36,802)				(36,802)	26,185	26,185					
	Genstar Capital Partners IX, LP	San Francisco	CA	Return of Capital, Income	09/03/2019	05/16/2023	275,838	(485,753)				(485,753)	275,838	275,838				54,736	
	Genstar Capital Partners X, LP	San Francisco	CA	Return of Capital	12/13/2021	06/12/2023	23,210	(24,869)				(24,869)	23,210	23,210					
	Goldpoint Prts Co-Invest VI LP	New York	NY	ROC, Stock Sale, Income Dist	02/26/2018	06/30/2023	356,890	(604,946)				(604,946)	356,890	1,011,040		654,150	654,150	5,232	
	Gridiron Capital Fund III, LP	New Canaan	CT	Return of Capital, Income	11/07/2016	04/28/2023	122,989	(560,210)				(560,210)	122,989	122,989				218,783	
	Gridiron Capital Fund IV, LP	New Canaan	CT	Income Distribution	05/06/2020	05/25/2023												394,139	
	HGGC Fund II, LP	Palo Alto	CA	Return of Capital, Income	01/27/2015	06/29/2023	4,564	(8,268)				(8,268)	4,564	4,564				153,922	
	Lightyear Fund IV, LP	New York	NY	Return of Capital, Income	12/12/2016	06/21/2023	21,697	(34,492)				(34,492)	21,697	21,697				79,686	
	LS Power Equity Partners III	New York	NY	Return of Capital, Income	07/11/2014	04/25/2023												7	
	LS Power Equity Partners IV	New York	NY	Return of Capital, Income	06/10/2019	06/07/2023	55,791	(109,633)				(109,633)	55,791	55,791				52	
	PA Co-Investment Fund III, LP	Darien	CT	Return of Capital, Stock Sale	07/30/2018	06/29/2023	146,142	(267,414)				(267,414)	146,142	709,847		563,705	563,705		
	Partech Intl Vent VII, FOP1	Paris	FRA	Return of Capital	06/24/2016	06/30/2023	159,401	(362,889)				(362,889)	159,401	159,401					
	Procuritas Cap Inv VII (D) AB	Stockholm	SWE	Return of Capital, Income	07/21/2022	04/20/2023												183	
	Revelstoke Cap Prtns II, LP	Denver	CO	Stock Sale	07/20/2018	04/20/2023							2,127	2,127		2,127	2,127		
	Revelstoke Cap Prtns III, LP	Denver	CO	Return of Capital, Income	12/29/2021	06/20/2023	219,245	(261,250)				(261,250)	219,245	219,245				20,074	
	Revolution Growth II, LP	Washington	DC	Stock Sale, Income Dist	01/19/2012	06/29/2023							109,416	109,416		109,416	109,416	16,667	
	Revolution Growth III, LP	Washington	DC	Return of Capital, Income	10/21/2015	06/01/2023	25,077	(27,952)				(27,952)	25,077	25,077				8,359	
	Revolution Ventures III, LP	Washington	DC	Income Distribution	10/25/2013	06/08/2023												58,920	
	SPC Partners VI, LP	San Francisco	CA	Return of Capital	11/16/2017	06/02/2023	23,093	(32,010)				(32,010)	23,093	23,093					
	Summer Street Capital III, LP	Buffalo	NY	ROC, Stock Sale, Income Dist	02/27/2012	06/23/2023	48,019	(48,019)				(48,019)	48,019	562,086		514,067	514,067	232,939	
	Trident VIII, LP	Greenwich	CT	Return of Capital, Income	04/08/2020	06/26/2023	3,042	(4,027)				(4,027)	3,042	3,042				45,025	
	TVM Life Science Innov VI, LP	Munich	DEU	Other than Temporary Impairment	10/10/2005	06/30/2023	80,791	(80,791)			80,791	(161,582)							
	Wind Point Partners IX-A, LP	Chicago	IL	Income Distribution	11/09/2020	06/29/2023												27,903	
1999999. Joint Venture Interests - Common Stock - Unaffiliated								6,567,085	(40,684,422)	80,791		(40,765,213)	6,486,294	9,228,766		2,742,472	2,742,472	3,250,635	
	AEA Mezz Fund III, LP	Stamford	CT	Stock Sale, Income Dist	08/14/2013	04/10/2023								5,165		5,165	5,165	10,134	
	AEA Mezz Fund IV, LP	Stamford	CT	Income Distribution	07/23/2018	04/20/2023												78,364	
	AEA Middle Mkt Debt Fd III, LP	New York	NY	Income Distribution	12/14/2016	05/01/2023												353,893	
	AEA Middle Mkt Debt Fd IV, LP	Stamford	CT	Income Distribution	09/11/2019	05/01/2023												353,714	
	AMC Capital IV, SCSp	London	GBR	ROC, Stock Sale, Income Dist	08/23/2018	04/28/2023	863,641	(1,529,367)				(1,529,367)	863,641	1,495,394		631,753	631,753	70,552	
	AMC V SCA SICAV-RAIF	London	GBR	Income Distribution	10/31/2022	05/16/2023												217	
	Arrowhead Capital Fund III, LP	Greenwich	CT	Return of Capital, Income Dist	12/20/2017	06/19/2023	3,386	(3,587)				(3,587)	3,386	3,386				132,636	
	Balance Point Cap Prtns V, LP	Westport	CT	Income Distribution	12/02/2021	05/10/2023												39,850	
	Bridgepoint Cr Opp III, LP	Stockholm	SWE	Return of Capital	11/16/2017	06/09/2023	70,819	(77,322)				(77,322)	70,819	70,819					
	Crescent Cr Solutions VIII, LP	Los Angeles	CA	Income Distribution	09/27/2021	06/14/2023												363,984	
	Crescent Mezz Partners VII, LP	Los Angeles	CA	Return of Capital, Income Dist	09/28/2016	05/05/2023	134,421	(132,424)				(132,424)	134,421	134,421				274,418	
	Cyprium Investors V, LP	Cleveland	OH	Income Distribution	08/15/2019	04/28/2023												82,899	

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STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE BA - PART 3

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

1	2	Location		5	6	7	8	Change in Book/Adjusted Carrying Value						15	16	17	18	19	20	
		3	4					9	10	11	12	13	14							
CUSIP Identification	Name or Description	City	State	Name of Purchaser or Nature of Disposal	Date Originally Acquired	Disposal Date	Book/Adjusted Carrying Value Less Encumbrances, Prior Year	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 Change in Book/Adjusted Carrying Value (9+10-11+12)	Total Foreign Exchange Change in Book/Adjusted Carrying Value	Book/Adjusted Carrying Value Less Encumbrances on Disposal	Consideration	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Investment Income	
	Falko Rgnl Aircraft Opp II, LP	St Helier	JEY	Return of Capital	03/25/2019	04/27/2023	902,051	(1,045,925)				(1,045,925)		902,051	902,051					
	Falko Rgnl Aircraft Opp, LP	St Helier	JEY	Income Distribution	12/16/2015	05/26/2023														14,103
	GCG Investors IV, LP	Chicago	IL	Return of Capital, Income Dist	03/14/2017	04/06/2023	34,852	(39,204)				(39,204)		34,852	34,852					77,634
	GCG Investors V Aggregator	Chicago	IL	Income Distribution	09/03/2021	04/03/2023														113,359
	GCG Investors V, LP	Chicago	IL	Income Distribution	10/14/2020	04/06/2023														154,178
	Global Power Energy Infra I	Greenwich	CT	Income Distribution	09/26/2011	05/17/2023														12,583
	Global Power Energy Infra I	Greenwich	CT	Return of Capital, Income Dist	12/23/2014	06/22/2023	2,158	(1,447)				(1,447)		2,158	2,158					6,447
	Global Power Energy Infra III	Greenwich	CT	Return of Capital, Income Dist	04/05/2019	06/20/2023	3,904	(4,487)				(4,487)		3,904	3,904					49,783
	GMB Mezzanine Capital III, LP	Minneapolis	MN	Income Distribution	09/08/2015	05/09/2023														108,873
	GMB Mezzanine Capital IV, LP	Minneapolis	MN	Income Distribution	03/27/2019	05/11/2023														233,699
	Goldpoint Mezz Prtns IV, LP	New York	NY	Return of Capital, Income Dist	12/21/2015	04/27/2023	800	(917)				(917)		800	800					143,728
	GoldPoint Prtrs Priv Debt V	New York	NY	Return of Capital, Income Dist	07/02/2020	05/02/2023	1,265	(1,382)				(1,382)		1,265	1,265					72,368
	LBC Credit Partners V, LP	Radnor	PA	Income Distribution	07/17/2020	05/15/2023														260,453
	MC-Seamax Shipping Opp Fd, LP	Stamford	CT	Stock Sale	05/22/2015	05/12/2023									5,383,909			5,383,909		5,383,909
	Midwest Mezzanine Fund V, LP	Chicago	IL	Income Distribution	06/27/2013	04/17/2023														179,434
	New Canaan Funding Mezz VI, LP	New Canaan	CT	Income Distribution	11/23/2015	04/14/2023														34,246
	PA Direct Cr Opp Fund II	Darien	CT	ROC, Stock Sale, Income Dist	05/15/2017	04/07/2023	143,690	(146,890)				(146,890)		143,690	148,658		4,968	4,968		105,142
	PA Direct Cr Opp Fund III	Darien	CT	Income Distribution	11/02/2020	04/17/2023														219,650
	Partners Gr Direct Mezz 2011	St Peter Port	GGY	Return of Capital, Income Dist	12/11/2012	06/29/2023	120,096	(112,495)				(112,495)		120,096	120,096					13,237
	Peninsula Fund VI, LP	Detroit	MI	Income Distribution	11/16/2015	06/27/2023														68,404
	Siguler Guff Distress Opp III	New York	NY	Stock Sale, Income Dist	11/12/2008	06/28/2023									12,354		12,354	12,354		2,180
	Siguler Guff SBCOF, II	Boston	MA	Return of Capital, Income Dist	12/05/2019	06/30/2023	61,714	(67,285)				(67,285)		61,714	61,714					595,081
	Solace Cap Spl Situ Fund, LP	Los Angeles	CA	Income Distribution	12/19/2016	06/26/2023														10,817
	Summit Partners Sub Debt IV-B	Boston	MA	Return of Capital	04/01/2011	04/19/2023	32,859	(35,409)				(35,409)		32,859	32,859					
	Superior Fund, LP	Detroit	MI	Stock Sale	10/09/2007	06/26/2023									92,508		92,508	92,508		
	Tenex Cap Partners III, LP	New York	NY	Income Distribution	04/23/2021	05/05/2023														17,847
	Varde Fund IX, LP	Minneapolis	MN	Income Distribution	02/13/2008	06/30/2023														22,610
	Varde Fund VIII, LP	Minneapolis	MN	Income Distribution	01/02/2007	06/30/2023														8,840
	Varde Fund X, LP	Minneapolis	MN	Income Distribution	06/30/2011	04/21/2023														15,461
	Varde Fund XIII, LP	Minneapolis	MN	Return of Capital	10/19/2018	05/19/2023	875,757	(1,067,842)				(1,067,842)		875,757	875,757					
	Varde XII, LP	Minneapolis	MN	Return of Capital	11/17/2016	05/22/2023	329,778	(623,589)				(623,589)		329,778	329,778					
	Yukon Capital Partners IV, LP	Minneapolis	MN	Return of Capital, Income Dist	11/24/2020	06/28/2023									129,549		129,549	129,549		45,701
2599999. Joint Venture Interests - Other - Unaffiliated							3,581,191	(4,889,572)				(4,889,572)		3,581,191	9,841,397			6,260,206	6,260,206	4,346,519
401378-AB-0	Guardian Life In Co of America	New York	NY	Direct	12/19/2017	06/30/2023	(3,713)		3,713			3,713								322,116
401378-AD-6	Guardian Life In Co of America	New York	NY	Direct	01/14/2020	06/30/2023	4		(4)			(4)								
575767-AL-2	Mass Mutual Life Insurance	Springfield	MA	Direct	03/20/2017	06/30/2023	3		(3)			(3)								8,575
575767-AN-8	Mass Mutual Life Insurance	Springfield	MA	Direct	10/11/2019	06/30/2023	20		(20)			(20)								15,699
575767-AQ-1	Mass Mutual Life Insurance	Springfield	MA	Direct	04/27/2021	06/30/2023	(2,589)		2,589			2,589								346,359
575767-AR-9	Mass Mutual Life Insurance	Springfield	MA	Direct	11/18/2021	06/30/2023	256		(256)			(256)								163,200
638671-AL-1	Nationwide Mutual Insurance Co	Columbus	OH	Direct	12/13/2017	06/30/2023	(8,303)		8,303			8,303								371,250
649526-AE-8	New York Life Insurance Co	Newark	DE	Direct	10/31/2017	06/30/2023	(4,576)		4,576			4,576								34,515
649526-AF-5	New York Life Insurance Co	Newark	DE	Direct	10/18/2017	06/30/2023	(1,082)		1,082			1,082								10,125
649526-AT-5	New York Life Insurance Co	New York	NY	Direct	01/21/2021	06/30/2023	(9,768)		9,768			9,768								187,500
668138-AA-8	Northwestern Mutual Life Ins	Milwaukee	WI	Direct	12/14/2021	06/30/2023	(16,360)		16,360			16,360								
668138-AC-4	Northwestern Mutual Life Ins	Milwaukee	WI	Direct	09/20/2019	06/30/2023	(20)		20			20								
69448F-AA-9	Pacific Life Insurance Co	Omaha	NE	Direct	10/26/2017	06/30/2023	199		(199)			(199)								437,525
878091-BD-8	Teachers Ins & Annuity Assoc	New York	NY	Direct	09/15/2014	06/30/2023	2		(2)			(2)								
878091-BF-3	Teachers Ins & Annuity Assoc	New York	NY	Direct	02/15/2018	06/30/2023	(21,988)		21,988			21,988								706,365
95765P-AA-7	Western & Southern Life Ins Co	Cincinnati	OH	Direct	01/17/2019	06/30/2023	343		(343)			(343)								
95765P-AE-9	Western & Southern Life Ins Co	Cincinnati	OH	Direct	04/27/2021	06/30/2023	122		(122)			(122)								318,750

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STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE BA - PART 3

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

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 Temporary Impairment Recogn- ized	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						
2799999. Surplus Debentures, etc - Unaffiliated								(67,450)	67,450			67,450							2,921,979
.....	Aegon LIHTC Fund 55, LLC	Cedar Rapids	IA	Direct	09/14/2018	06/30/2023	218,779	(218,779)				(218,779)							
.....	Aegon LIHTC Fund 62, LLC	Cedar Rapids	IA	Direct	04/15/2021	06/30/2023	195,616	(195,616)				(195,616)							
.....	Cinnaire Fund Housing LP 31	Lansing	MI	Direct	10/03/2016	06/30/2023	225,868	(225,868)				(225,868)							
.....	Cinnaire Fund Housing LP 38	Lansing	MI	Direct	11/09/2022	06/30/2023	97,637	(97,637)				(97,637)							
.....	RAH Corp Partners Fund 57, LLC	Great Neck	NY	Direct	08/05/2021	06/30/2023	385,284	(385,284)				(385,284)							
.....	RBC Tax Cr Eqy Natl Fund-28 LP	Charlotte	NC	Direct	10/10/2018	06/30/2023	220,055	(220,055)				(220,055)							
.....	RBC Comm Inves Natl Fund 31 LP	Charlotte	NC	Direct	05/27/2021	06/30/2023	195,514	(195,514)				(195,514)							
.....	Red Stone Equity-Fund 75, LP	New York	NY	Direct	12/19/2019	06/30/2023	183,498	(183,498)				(183,498)							
.....	Red Stone Equity-Fund 84, LP	New York	NY	Direct	04/26/2021	06/30/2023	162,575	(162,575)				(162,575)							
.....	WNC Institl Tax Cr Fund 44, LP	Irvine	CA	Direct	03/29/2018	06/30/2023	226,524	(226,524)				(226,524)							
.....	WNC Institl Tax Cr Fund 49, LP	Irvine	CA	Direct	08/10/2020	06/30/2023	231,860	(231,860)				(231,860)							
.....	WNC Institl Tax Cr Fund 52, LP	Irvine	CA	Direct	03/17/2022	06/30/2023	196,887	(196,887)				(196,887)							
3799999. Non-Guaranteed Federal Low Income Housing Tax Credit - Unaffiliated								2,540,097	(2,540,097)			(2,540,097)							
.....	MN Life Ins Co Rabbi Trust	St. Paul	MN	Sales within trust	01/01/1994	06/30/2023	68,405					68,405	66,710		(1,695)	(1,695)	31,842		
5899999. Any Other Class of Assets - Unaffiliated								68,405					68,405	66,710		(1,695)	(1,695)	31,842	
.....	Allied Wealth Part (Langdon)	Parsippany	NJ	Principal reduction payment	12/23/2009	06/30/2023	8,016					8,016	8,016				4,743		
5999999. Any Other Class of Assets - Affiliated								8,016					8,016	8,016				4,743	
6099999. Total - Unaffiliated								12,857,828	(45,742,494)	(2,472,647)	249,291	(48,464,432)	10,135,890	19,136,873			9,000,983	9,000,983	10,554,104
6199999. Total - Affiliated								8,016					8,016	8,016					4,743
6299999 - Totals								12,865,844	(45,742,494)	(2,472,647)	249,291	(48,464,432)	10,143,906	19,144,889			9,000,983	9,000,983	10,558,847

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STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE D - PART 3

Show All Long-Term Bonds and Stock Acquired During the Current Quarter

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
38379A-QY-9	GNR 2014-026 LZ - CMO/RMBS		06/01/2023	Capitalized Interest		120,418	120,418		1.A
912810-TL-2	UNITED STATES TREASURY		05/10/2023	Various		17,291,821	16,700,000	82,608	1.A
912810-TN-8	UNITED STATES TREASURY		06/21/2023	Various		19,004,075	19,700,000	252,699	1.A
912810-TS-7	UNITED STATES TREASURY		06/21/2023	J P MORGAN SECURITIES		15,531,113	15,800,000	73,204	1.A
91282C-GM-7	UNITED STATES TREASURY		05/09/2023	GOLDMAN SACHS		5,088,266	5,100,000	42,406	1.A FE
91282C-HA-2	UNITED STATES TREASURY		05/10/2023	J P MORGAN SECURITIES		6,235,622	6,200,000	8,845	1.A
91282C-HB-0	UNITED STATES TREASURY		06/28/2023	BARCLAYS CAPITAL		9,996,797	10,200,000	46,219	1.A FE
91282C-HC-8	UNITED STATES TREASURY		06/21/2023	Various		43,105,928	44,300,000	159,148	1.A FE
91282C-HD-6	UNITED STATES TREASURY		06/21/2023	GOLDMAN SACHS		2,181,781	2,200,000	7,153	1.A FE
91282C-HE-4	UNITED STATES TREASURY		06/21/2023	Various		18,002,248	18,200,000	36,121	1.A FE
0109999999. Subtotal - Bonds - U.S. Governments						136,558,070	138,520,418	708,402	XXX
313206-C3-2	FH SB8190 - RMBS		05/10/2023	GOLDMAN SACHS		4,492,331	4,502,885	8,443	1.A
313206-DK-3	FH SB8206 - RMBS		06/22/2023	WELLS FARGO SECURITIES LLC		6,619,518	6,638,188	24,893	1.A
3137H5-PQ-4	FHR 5195 C2 - CMO/RMBS		06/01/2023	Capitalized Interest		93,765	93,765		1.A
3140XJ-3A-9	FN FS3492 - RMBS		06/02/2023	GOLDMAN SACHS		1,376,450	1,394,314	887	1.A
3140XK-FV-7	FN FS3779 - RMBS		04/01/2023	WELLS FARGO SECURITIES LLC		(18,312)	(18,044)	(40)	1.A
35563P-2S-7	SCRT 2021-2 MTU - CMO/RMBS		06/01/2023	Capitalized Interest		12,988	12,988		1.A
35563P-2U-2	SCRT 2021-2 MBU - CMO/RMBS		06/01/2023	Capitalized Interest		12,988	12,988		1.A
35563P-5A-3	SCRT 2021-3 MBU - CMO/RMBS		06/01/2023	Capitalized Interest		61,929	61,929		1.A
35563P-HG-7	SCRT 2018-4 MB - CMO/RMBS		06/01/2023	Capitalized Interest		2,048	2,048		1.A
35563P-MM-8	SCRT 2019-4 MB - CMO/RMBS		06/01/2023	Capitalized Interest		93,234	93,234		1.A
35563P-SD-2	SCRT 2020-3 MB - CMO/RMBS		06/01/2023	Capitalized Interest		5,256	5,256		1.A
35563P-VB-2	SCRT 2021-1 MBU - CMO/RMBS		06/01/2023	Capitalized Interest		13,031	13,031		1.A
0909999999. Subtotal - Bonds - U.S. Special Revenues						12,765,226	12,812,582	34,183	XXX
00164V-AE-3	AMC NETWORKS INC		06/14/2023	FORT WASHINGTON		247,983	281,000	4,987	3.C FE
00179V-AB-2	AMSR 2021-SFR2 B - CMBS/RMBS		05/24/2023	WELLS FARGO SECURITIES LLC		3,910,191	4,400,000	3,964	1.D FE
019579-AA-9	ALLIED UNIVERSAL HOLDCO LLC		06/05/2023	FORT WASHINGTON		167,000	200,000	154	4.C FE
030981-AM-6	AMERIGAS PARTNERS LP		05/22/2023	FORT WASHINGTON		344,000	344,000		4.A FE
03236X-AB-3	AXIS 2022-2 A2 - ABS		06/22/2023	BNP PARIBAS SECURITIES CORP.		7,496,642	7,542,061	18,781	1.A FE
03236Y-AB-1	AXIS 231 A2 - ABS		06/22/2023	BMO CAPITAL MARKETS		1,499,780	1,500,000		1.A FE
05366D-AA-6	AVIATION CAPITAL GROUP LLC		06/21/2023	FORT WASHINGTON		307,748	310,000	406	2.C FE
05550M-AS-3	BBOMS 2019-C3 A3 - CMBS		04/12/2023	BARCLAYS CAPITAL		13,467,005	14,648,000	17,556	1.A FE
05553R-AC-4	BBOMS 23C19 A5 - CMBS		04/10/2023	BARCLAYS CAPITAL		7,724,887	7,500,000	29,526	1.A FE
055988-AC-3	BMO 23C5 A4 - CMBS		05/24/2023	BMO CAPITAL MARKETS		25,249,993	25,000,000	76,310	1.A FE
05631#-AA-0	BSCH ISSUER I - ABS		04/17/2023	CITIGROUP GLOBAL MARKET		19,712,857	19,712,857		1.G PL
05631#-AA-2	BSCH ISSUER I - ABS		04/17/2023	CITIGROUP GLOBAL MARKET		10,287,143	10,287,143		1.G PL
05632*-AA-3	BSCH II ISSUER I		06/15/2023	CITIGROUP GLOBAL MARKET		3,683,721	3,683,721		1.G Z
05632*-AC-9	BSCH II ISSUER I		06/15/2023	CITIGROUP GLOBAL MARKET		5,986,047	5,986,047		1.G Z
05632#-AA-1	BSCH II ISSUER II		06/15/2023	CITIGROUP GLOBAL MARKET		4,316,279	4,316,279		1.G Z
05632#-AC-7	BSCH II ISSUER II		06/15/2023	CITIGROUP GLOBAL MARKET		7,013,954	7,013,954		1.G Z
065403-BC-0	BANK 2019-BNK17 A4 - CMBS		06/01/2023	WELLS FARGO SECURITIES LLC		5,007,226	5,390,000	2,224	1.A
06541W-AX-0	BANK 2017-BNK5 A5 - CMBS		06/21/2023	WELLS FARGO SECURITIES LLC		6,466,250	7,000,000	14,502	1.A
06683*-AA-9	BANTECH 13 25 - ABS		04/03/2023	Capitalized Interest		6,427	6,427		5.B GI
07317Q-AJ-4	BAYTEX ENERGY CORP	C.	04/20/2023	FORT WASHINGTON		380,735	385,000		3.C FE
07336D-AV-3	BBOMS 23C20 A4 - CMBS		06/21/2023	BARCLAYS CAPITAL		25,248,368	25,000,000	36,875	1.A FE
080555-AF-2	BELO CORP		05/26/2023	FORT WASHINGTON		431,309	457,000	4,666	3.C FE
08162C-AC-4	BMARK 2018-B6 A3 - CMBS		06/30/2023	Various		4,397,439	4,735,000	2,712	1.A
083645-AJ-8	BLOCK COMMUNICATIONS INC		05/15/2023	FORT WASHINGTON		101,448	119,000	1,013	4.A FE

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STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE D - PART 3

Show All Long-Term Bonds and Stock Acquired During the Current Quarter

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
09624H-AA-7	BLUELIX HOLDINGS INC		05/17/2023	FORT WASHINGTON		351,960	419,000	6,729	4.A FE
12189L-BJ-9	BURLINGTON NORTHERN SANTA FE LLC		05/09/2023	WELLS FARGO SECURITIES LLC		3,920,525	4,300,000	62,189	1.G FE
12527G-AD-5	CF INDUSTRIES INC		06/21/2023	Various		7,782,560	9,000,000	33,413	2.B FE
12595X-AT-0	CSAIL 2018-CX12 A4 - CMBS		06/01/2023	BANK OF AMERICA MERRILL LYNCH		7,355,804	7,735,000	3,631	1.A FE
12781*-AA-8	KIEWIT CORPORATION - ABS		06/12/2023	CGA		25,000,000	25,000,000		1.B Z
13648T-AD-9	CANADIAN PACIFIC RAILWAY CO	C.	04/19/2023	Exchange		8,815,846	10,000,000	183,944	2.B FE
13648T-AE-7	CANADIAN PACIFIC RAILWAY CO	C.	04/19/2023	Exchange		22,520,156	23,200,000	204,160	2.B FE
13648T-AF-4	CANADIAN PACIFIC RAILWAY CO	C.	04/19/2023	Exchange		688,324	725,000	15,902	2.B FE
13648T-AH-0	CANADIAN PACIFIC RAILWAY CO	C.	04/19/2023	Exchange		161,296	200,000	3,593	2.B FE
14043G-AD-6	COPAR 2022-2 A3 - ABS		06/29/2023	WELLS FARGO SECURITIES LLC		966,875	1,000,000	1,830	1.A FE
14314Q-AC-8	CARMX 2021-2 A3 - ABS		05/11/2023	J P MORGAN SECURITIES		1,405,843	1,456,125		1.A FE
14314Q-AD-6	CARMX 2021-2 A4 - ABS		06/27/2023	BMO CAPITAL MARKETS		1,120,721	1,212,000	382	1.A FE
14315F-AE-7	CARMX 2020-3 A4 - ABS		05/10/2023	MITSUBISHI UFJ SECURITIES		750,049	780,000	450	1.A FE
14315F-AF-4	CARMX 2020-3 B - ABS		04/14/2023	Various		1,516,805	1,600,000	145	1.A FE
14315F-AG-2	CARMX 2020-3 C - ABS		06/22/2023	J P MORGAN SECURITIES		479,004	500,000	305	1.C FE
14315V-AG-7	CARMX 2020-2 C - ABS		05/22/2023	J P MORGAN SECURITIES		1,147,904	1,164,000	1,231	1.A FE
14316H-AE-2	CARMX 2020-4 B - ABS		06/30/2023	J P MORGAN SECURITIES		513,282	550,000	280	1.A FE
14317H-AC-5	CARMX 2022-2 A3 - ABS		06/22/2023	MITSUBISHI UFJ SECURITIES		3,530,835	3,625,000	4,569	1.A FE
143658-BL-5	CARNIVAL CORP		06/28/2023	FORT WASHINGTON		305,401	313,000	7,209	4.C FE
143658-BN-1	CARNIVAL CORP		05/22/2023	FORT WASHINGTON		176,130	206,000	2,731	4.C FE
14687J-AE-9	CRVNA 2021-P3 A3 - ABS		06/30/2023	DEUTSCHE BANK		6,873,947	7,211,340	1,254	1.A FE
14687K-AD-8	CRVNA 2021-P4 A4 - ABS		06/27/2023	DEUTSCHE BANK		2,235,254	2,500,000	2,164	1.A FE
14688D-AC-5	CRVNA-22P1-A3 - ABS		06/22/2023	RBC DAIN RAUSCHER		2,758,266	2,850,000	4,774	1.A FE
14688E-AD-1	CRVNA 23P1 A4 - ABS		06/29/2023	BNP PARIBAS SECURITIES CORP.		3,428,488	3,451,000	13,097	1.A FE
161175-BZ-6	CHARTER COMMUNICATIONS OPERATING LLC		06/01/2023	GOLDMAN SACHS		1,527,338	2,300,000	894	2.C FE
16411Q-AP-6	CHEMERE ENERGY PARTNERS LP		06/06/2023	MORGAN STANLEY & COMPANY		14,966,100	15,000,000		2.C FE
17331L-AA-5	CGOIT 23PRN3 A - CMBS		06/15/2023	CITIGROUP GLOBAL MARKET		7,680,039	7,500,000	37,098	1.A FE
17888H-AA-1	CIVITAS RESOURCES INC		06/22/2023	FORT WASHINGTON		330,139	330,000		3.C FE
17888H-AA-1	CIVITAS RESOURCES INC		06/22/2023	BANC OF AMERICA SECURITIES		10,000,000	10,000,000		3.C FE
17888H-AB-9	CIVITAS RESOURCES INC		06/22/2023	BANC OF AMERICA SECURITIES		10,000,000	10,000,000		3.C FE
19828Q-AH-2	COLUMBIA PIPELINE GROUP INC		06/23/2023	GOLDMAN SACHS		25,755,910	26,000,000	92,639	1.G FE
20848V-AA-3	CONSENSUS CLOUD SOLUTIONS INC		06/22/2023	FORT WASHINGTON		148,635	162,000	1,902	4.B FE
224044-CP-0	COX COMMUNICATIONS INC		06/22/2023	GOLDMAN SACHS		4,738,025	6,745,000	8,769	2.B FE
260543-CR-2	DOW CHEMICAL CO		06/21/2023	GOLDMAN SACHS		4,855,950	5,000,000	17,729	2.A FE
260543-DH-3	DOW CHEMICAL CO		06/22/2023	BANC OF AMERICA SECURITIES		4,170,899	3,700,000	30,494	2.A FE
26885B-AK-6	EQM MIDSTREAM PARTNERS LP		06/12/2023	FORT WASHINGTON		249,280	275,000	5,053	3.C FE
268857-G8-0	ELIZABETHTOWN GAS CO		05/18/2023	KEYBANC CAPITAL MARKETS		5,450,000	5,450,000		1.F FE
29103C-AA-6	EMERALD DEBT MERGER SUB LLC		05/04/2023	FORT WASHINGTON		422,000	422,000		3.C FE
29373M-AC-3	EFF 213 A3 - ABS		05/11/2023	CITIGROUP GLOBAL MARKET		340,921	369,000	313	1.A FE
29374G-AB-7	EFF 224 A2 - ABS		05/23/2023	SANTANDER INVESTMENTS		3,886,050	3,875,000	3,100	1.A FE
29375J-AB-0	EFF 2022-1 A2 - ABS		06/29/2023	J P MORGAN SECURITIES		980,992	1,007,558	1,102	1.A FE
29375N-AB-1	EFF 232 A2 - ABS		06/27/2023	HILLTOP SECURITIES		2,993,438	3,000,000	4,170	1.A FE
29660N-AB-5	ESPAI BARA, FTA - ABS	C.	05/30/2023	GOLDMAN SACHS		23,000,000	23,000,000		2.B PL
29660N-AC-3	ESPAI BARA, FTA - ABS	C.	05/30/2023	GOLDMAN SACHS		42,000,000	42,000,000		2.B PL
33767W-AA-1	FKH 2021-SFR1 A - RMBS		06/29/2023	INTL FCSTONE PARTNERS, LLP		4,396,163	5,020,376	429	1.A FE
34531N-AA-4	FORDR 2020-REV1 A - ABS		06/28/2023	MITSUBISHI UFJ SECURITIES		2,849,179	3,022,000	2,569	1.A FE
34532R-AA-4	FORDR 2018-REV1 A - ABS		05/23/2023	BNP PARIBAS SECURITIES CORP.		8,689,219	9,000,000	7,975	1.A FE
34960P-AB-7	FORTRESS TRANSPORTATION AND INFRASTRUCTURE INVESTO		05/23/2023	FORT WASHINGTON		180,550	184,000	1,794	3.C FE
34965K-AA-5	FORTREA HOLDINGS INC		06/12/2023	Various		3,592,000	3,592,000		3.C FE

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE D - PART 3

Show All Long-Term Bonds and Stock Acquired During the Current Quarter

1	2	3	4	5	6	7	8	9	10
CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
36252S-AV-9	GSMS 2019-GC38 A4 - CMBS		06/27/2023	WELLS FARGO SECURITIES LLC		640,486	695,000	2,145	1.A
36255N-AT-2	GSMS 2018-GS9 A4 - CMBS		06/23/2023	BANK OF AMERICA MERRILL LYNCH		5,041,496	5,385,000	15,526	1.A
36262X-AF-1	GMALT 2021-3 C - ABS		05/23/2023	BNP PARIBAS SECURITIES CORP.		5,017,852	5,250,000	751	1.E FE
364760-AQ-1	GAP INC		06/07/2023	FORT WASHINGTON		82,043	116,000	849	4.A FE
380149-AF-1	GMCAR 212 C - ABS		06/22/2023	WELLS FARGO SECURITIES LLC		2,326,078	2,520,000	986	1.C FE
380355-AD-9	GOEASY LTD	C.	05/17/2023	FORT WASHINGTON		228,029	237,000	5,905	3.C FE
389284-AA-8	GRAY TELEVISION INC		06/06/2023	FORT WASHINGTON		86,320	104,000	465	4.B FE
410345-AL-6	HANESBRANDS INC		06/06/2023	FORT WASHINGTON		104,552	112,000	349	4.A FE
418751-AB-9	HAT HOLDINGS I LLC		05/16/2023	FORT WASHINGTON		336,893	347,000	1,743	3.A FE
437927-AB-2	HAROT 2023-2 A2 - ABS		05/23/2023	BARCLAYS CAPITAL		11,999,281	12,000,000		1.A FE
43811J-AC-1	HAROT 2021-2 A3 - ABS		05/22/2023	NETSCOUT SYSTEMS INC		3,758,675	3,883,995	320	1.A FE
448978-AD-8	HALST 2022-C A3 - ABS		06/02/2023	BNP PARIBAS SECURITIES CORP.		1,798,908	1,825,000	4,663	1.A FE
451102-BW-6	ICAHN ENTERPRISES LP		06/07/2023	FORT WASHINGTON		106,931	112,000	1,241	3.C FE
45258L-AA-5	IMOLA MERGER CORP		06/06/2023	FORT WASHINGTON		76,192	87,000	264	3.C FE
46656P-AA-2	JABIL INC		04/10/2023	J P MORGAN SECURITIES		4,971,300	5,000,000		2.C FE
475795-AC-4	JELD-WEN INC		04/27/2023	FORT WASHINGTON		293,810	304,000	5,009	4.B FE
482480-AM-2	KLA CORP		05/10/2023	GOLDMAN SACHS		8,276,400	8,550,000	141,075	1.G FE
498894-AA-2	KNIFE RIVER HOLDING CO		04/28/2023	Various		8,161,250	8,085,000	3,014	3.C FE
50117J-AC-7	KCOT 222 A3 - ABS		06/22/2023	NETSCOUT SYSTEMS INC		599,457	615,000	908	1.A FE
50117K-AC-4	KCOT 2023-1 A3 - ABS		06/06/2023	NETSCOUT SYSTEMS INC		4,692,319	4,705,000	15,090	1.A FE
50249A-AJ-2	LYB INTERNATIONAL FINANCE III LLC		06/23/2023	BARCLAYS CAPITAL		3,948,219	5,700,000	49,934	2.B FE
548661-EJ-2	LOWE'S COMPANIES INC		06/01/2023	GOLDMAN SACHS		4,953,087	6,150,000	46,467	2.A FE
55300R-AA-9	MGM CHINA HOLDINGS LTD	C.	04/20/2023	FORT WASHINGTON		316,400	320,000	7,597	4.A FE
55916A-AA-2	MICHAELS COMPANIES INC		06/08/2023	FORT WASHINGTON		132,411	165,000	931	4.C FE
57763R-AB-3	MAUSER PACKAGING SOLUTIONS HOLDING CO		06/07/2023	FORT WASHINGTON		175,340	176,000	4,582	4.B FE
595112-BU-6	MICRON TECHNOLOGY INC		06/22/2023	SEAPORT GROUP		1,997,850	3,000,000	16,516	2.C FE
595112-CA-9	MICRON TECHNOLOGY INC		04/05/2023	WELLS FARGO SECURITIES LLC		399,528	400,000		2.C FE
61691R-AE-6	MSC 2018-H4 A4 - CMBS		06/02/2023	CITIGROUP GLOBAL MARKET		16,344,692	17,298,115	10,355	1.A FE
61692B-BP-4	MSC 2020-HR8 A4 - CMBS		06/22/2023	BANK OF AMERICA MERRILL LYNCH		1,241,130	1,545,000	2,190	1.A
61945C-AB-9	MOSAIC CO		06/22/2023	MORGAN STANLEY & COMPANY		1,949,330	2,288,000	13,323	2.B FE
61945C-AE-3	MOSAIC CO		05/10/2023	MORGAN STANLEY & COMPANY		3,110,580	3,300,000	91,266	2.B FE
61980-AA-4	MFCP 12 261 - ABS		06/30/2023	Capitalized Interest		14,269	14,269		5.B GI
63938C-AK-4	NAVIENT CORP		04/14/2023	FORT WASHINGTON		213,308	239,000	1,095	3.C FE
651229-BB-1	NEWELL BRANDS INC		06/07/2023	FORT WASHINGTON		215,658	225,000	225	3.A FE
65342-AA-8	NEXUS GAS TRANSMISSION, LLC		05/01/2023	CITIGROUP GLOBAL MARKET		5,000,000	5,000,000		2.B PL
65342-AB-6	NEXUS GAS TRANSMISSION, LLC		05/01/2023	CITIGROUP GLOBAL MARKET		4,000,000	4,000,000		2.B PL
65473F-AD-9	NALT 2023-B A3 - ABS		06/28/2023	CITIGROUP GLOBAL MARKET		2,002,500	2,000,000	632	1.A FE
65505P-AA-5	NOBLE FINANCE 2 LLC		04/05/2023	FORT WASHINGTON		260,070	259,000		3.C FE
682695-AA-9	ONEMAIN FINANCE CORP		06/20/2023	FORT WASHINGTON		321,000	321,000		3.B FE
69073T-AU-7	OWENS-BROCKWAY GLASS CONTAINER INC		05/12/2023	FORT WASHINGTON		135,000	135,000		4.B FE
69354N-AC-0	PRA GROUP INC		06/07/2023	FORT WASHINGTON		72,747	77,000	1,546	3.B FE
72147K-AK-4	PILGRIMS PRIDE CORP		04/04/2023	Various		10,380,343	10,452,000		2.C FE
730481-AJ-7	J B POINDEXTER & CO INC		06/01/2023	FORT WASHINGTON		97,086	101,000	999	4.B FE
740212-AL-9	PRECISION DRILLING CORP	C.	06/22/2023	FORT WASHINGTON		98,010	99,000	3,155	4.A FE
743815-AE-2	MODIVCARE INC		05/23/2023	FORT WASHINGTON		79,541	84,000	137	4.B FE
749571-AJ-4	RHP HOTEL PROPERTIES LP		06/07/2023	FORT WASHINGTON		46,000	46,000		4.A FE
775109-BB-6	ROGERS COMMUNICATIONS INC	C.	06/21/2023	RBC DAIN RAUSCHER		2,656,410	3,000,000	42,917	2.C FE
775109-CD-1	ROGERS COMMUNICATIONS INC	C.	06/22/2023	BANK OF AMERICA SECURITIES		3,992,400	5,000,000	65,090	2.C FE
780153-BJ-0	ROYAL CARIBBEAN CRUISES LTD		05/15/2023	FORT WASHINGTON		105,980	112,000	1,352	4.C FE

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Show All Long-Term Bonds and Stock Acquired During the Current Quarter

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CUSIP Identification	Description	Foreign	Date Acquired	Name of Vendor	Number of Shares of Stock	Actual Cost	Par Value	Paid for Accrued Interest and Dividends	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
78433L-AH-9	EIX 2023-A A2 - ABS		04/19/2023	RBC CAPITAL MARKETS		6,999,257	7,000,000		1.A FE
79588T-AA-8	SAMMONS FINANCIAL GROUP INC		05/09/2023	STIFEL FINANCIAL CORP		1,984,945	2,150,000	11,288	2.A FE
81180W-BH-3	SEAGATE HDD CAYMAN	C.	05/24/2023	FORT WASHINGTON		256,392	254,000		3.B FE
82967N-BJ-6	SIRIUS XM RADIO INC		06/21/2023	FORT WASHINGTON		363,772	424,000	7,444	3.C FE
86745G-AF-0	SUNNOVA ENERGY CORP		04/06/2023	FORT WASHINGTON		198,088	231,000	1,440	4.B FE
87422V-AK-4	TALEN ENERGY SUPPLY LLC		04/28/2023	FORT WASHINGTON		85,000	85,000		3.B FE
87422V-AK-4	TALEN ENERGY SUPPLY LLC		06/07/2023	FORT WASHINGTON		441,965	432,000	1,061	3.B FE
88033G-DK-3	TENET HEALTHCARE CORP		06/06/2023	FORT WASHINGTON		356,681	373,000	4,252	4.C FE
89231X-AA-9	TALNT 2019-1 A - ABS		05/22/2023	Various		8,855,820	9,125,000	15,618	1.A FE
89616W-AA-6	TON 23SFR1 A - CMBS		06/27/2023	MORGAN STANLEY & COMPANY		2,444,306	2,500,000	1,417	1.A FE
896522-AJ-8	TRINITY INDUSTRIES INC		06/28/2023	FORT WASHINGTON		223,000			3.B FE
90346W-AA-1	AMERICAN AIRLINES 2013-1 PASS THROUGH TRUST - ABS		04/12/2023	FORT WASHINGTON		161,254	171,319	2,801	3.A FE
907818-GF-9	UNION PACIFIC CORP		06/22/2023	BARCLAYS CAPITAL		2,546,440	2,600,000	45,403	1.G FE
91159H-JN-1	US BANCORP		06/07/2023	US BANCORP INVESTMENTS INC.		10,000,000	10,000,000		1.F FE
95000L-AZ-6	WFCM 2016-C33 A4 - CMBS		05/24/2023	WELLS FARGO SECURITIES LLC		3,487,395	3,700,000	8,803	1.A
95000P-AE-4	WFCM 2016-C37 A5 - CMBS		05/30/2023	BANK OF AMERICA MERRILL LYNCH		9,449,609	10,000,000		1.A FE
95001L-AU-6	WFCM 2018-C43 A4 - CMBS		06/28/2023	BARCLAYS CAPITAL		326,020	350,000	1,131	1.A
95001M-AF-7	WFCM 2017-C38 A5 - CMBS		06/01/2023	BANK OF AMERICA MERRILL LYNCH		5,577,058	6,013,000	2,307	1.A FE
95001Q-AT-8	WFCM 2018-C46 A3 - CMBS		05/23/2023	BARCLAYS CAPITAL		2,545,761	2,648,601	6,865	1.A FE
98163K-AF-9	WOART 2021-D C - ABS		06/22/2023	BNP PARIBAS SECURITIES CORP.		2,038,138	2,240,000	1,391	1.F FE
98164C-AD-1	WOART 2021-C A4 - ABS		06/28/2023	BANC OF AMERICA SECURITIES		1,621,698	1,775,000	473	1.A FE
98164E-AE-5	WOART 2021-A B - ABS		06/02/2023	TORONTO DOMINION SECURITIES		897,887	980,000	366	1.B FE
981944-AD-3	WOLS 2023-A A3 - ABS		05/16/2023	NETSCOUT SYSTEMS INC		1,999,924	2,000,000		1.A FE
98421M-AA-4	XEROX HOLDINGS CORP		06/06/2023	FORT WASHINGTON		154,324	163,000	2,558	3.B FE
98877D-AD-7	ZF NORTH AMERICA CAPITAL INC		04/04/2023	FORT WASHINGTON		149,532	150,000		3.A FE
98877D-AE-5	ZF NORTH AMERICA CAPITAL INC		04/04/2023	FORT WASHINGTON		149,390	150,000		3.A FE
1109999999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)						626,633,323	648,946,185	1,658,892	XXX
020002-BB-6	ALLSTATE CORP		04/20/2023	FORT WASHINGTON		264,903	271,000	2,987	2.B FE
976657-AH-9	WEC ENERGY GROUP INC		05/04/2023	FORT WASHINGTON		244,860	308,000	4,894	2.B FE
1309999999. Subtotal - Bonds - Hybrid Securities						509,763	579,000	7,881	XXX
2509999997. Total - Bonds - Part 3						776,466,381	800,858,185	2,409,358	XXX
2509999998. Total - Bonds - Part 5						XXX	XXX	XXX	XXX
2509999999. Total - Bonds						776,466,381	800,858,185	2,409,358	XXX
4509999997. Total - Preferred Stocks - Part 3							XXX		XXX
4509999998. Total - Preferred Stocks - Part 5						XXX	XXX	XXX	XXX
4509999999. Total - Preferred Stocks							XXX		XXX
020002-10-1	ALLSTATE ORD		05/18/2023	Various	9,600,000	1,117,887			
03027X-10-0	AMERICAN TOWER REIT		06/23/2023	Various	5,157,000	977,687			
052769-10-6	AUTODESK ORD		04/27/2023	JPMORGANCHASE/CUSTJPMCC	52,000	9,846			
125523-10-0	CIGNA ORD		04/27/2023	BTIG LLC	400,000	100,104			
126650-10-0	CVS HEALTH ORD		05/26/2023	BTIG LLC	3,500,000	237,095			
216648-40-2	COOPER ORD		06/23/2023	Various	98,000	37,016			
22822V-10-1	CROWN CASTLE ORD		06/13/2023	Various	5,715,000	677,382			
235851-10-2	DANAHER ORD		06/20/2023	Various	1,214,000	291,419			
253868-10-3	DIGITAL REALTY REIT ORD		06/08/2023	Various	3,271,000	305,391			
254687-10-6	WALT DISNEY ORD		05/26/2023	ISI Group	1,000,000	88,725			
256677-10-5	DOLLAR GENERAL ORD		06/21/2023	LBS Securities LLC	900,000	150,501			

E04.3

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE D - PART 3

Show All Long-Term Bonds and Stock Acquired During the Current Quarter

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	10 NAIC Designation, NAIC Designation Modifier and SVO Admini- strative Symbol
294429-10-5	EQUIFAX ORD		06/09/2023	Various	562.000	116,675			
297178-10-5	ESSEX PROPERTY REIT ORD		06/23/2023	Various	2,466.000	567,751			
30225T-10-2	EXTRA SPACE STORAGE REIT ORD		05/08/2023	Various	3,428.000	520,251			
42226K-10-5	HEALTHCARE REALTY TRUST CL A ORD		05/31/2023	Various	8,169.000	154,896			
45866F-10-4	INTERCONTINENTAL EXCHANGE ORD		06/09/2023	Various	1,177.000	127,849			
461202-10-3	INTUIT ORD		06/23/2023	RAYMOND JAMES & ASSOCIATES	148.000	66,619			
46120E-60-2	INTUITIVE SURGICAL ORD		05/23/2023	Various	145.000	43,503			
46284V-10-1	IRON MOUNTAIN ORD		05/03/2023	Various	5,626.000	304,174			
49446R-10-9	KIMCO REALTY REIT ORD		05/17/2023	Various	11,634.000	214,031			
502441-30-6	LVMH MOET HENNESSY LOUIS VUITTON ADR	C.	05/23/2023	Jane Street Execution Services LLC	101.000	18,247			
58463J-30-4	MEDICAL PROPERTIES REIT ORD		06/27/2023	Various	68,681.000	574,905			
654106-10-3	NIKE CL B ORD		04/27/2023	MERRILL LYNCH PIERCE FENNER & SMITH INC.	154.000	18,982			
756109-10-4	REALTY INCOME REIT ORD		04/25/2023	Various	4,686.000	290,578			
78409V-10-4	S&P GLOBAL ORD		04/10/2023	ISI Group	75.000	25,273			
78410G-10-4	SBA COMMUNICATIONS CL A REIT ORD		05/18/2023	Various	1,104.000	257,179			
828806-10-9	SIMON PROP GRP REIT ORD		05/08/2023	Various	1,737.000	189,275			
866674-10-4	SUN COMMUNITIES REIT ORD		06/30/2023	Various	4,254.000	559,246			
870430-10-8	SWEETGREEN CL A ORD		06/29/2023	TRANSFER	9,399.000	100,757			
89400J-10-7	TRANSUNION ORD		05/23/2023	MERRILL LYNCH PIERCE FENNER & SMITH INC.	116.000	8,421			
89832Q-10-9	TRUIST FINANCIAL ORD		05/31/2023	JPMORGANCHASE/CUSTJPMCC	6,000.000	181,883			
902973-30-4	US BANCORP ORD		05/30/2023	MORGAN STANLEY & CO	6,400.000	196,384			
91324P-10-2	UNITEDHEALTH GRP ORD		06/09/2023	Various	62.000	31,264			
922475-10-8	VEEVA SYSTEMS ORD		06/29/2023	Various	724.000	126,460			
92343E-10-2	VERISIGN ORD		05/23/2023	MORGAN STANLEY & CO	12.000	2,691			
92343V-10-4	VERIZON COMMUNICATIONS ORD		05/26/2023	CITIGROUP GLOBAL MARKET	800.000	27,964			
92345Y-10-6	VERISK ANALYTICS ORD		05/23/2023	JPMORGANCHASE/CUSTJPMCC	142.000	30,760			
92826C-83-9	VISA CL A ORD		06/09/2023	JPMORGANCHASE/CUSTJPMCC	128.000	28,641			
94106B-10-1	WASTE CONNECTIONS ORD	C.	06/30/2023	Various	2,434.000	337,362			
98978V-10-3	ZOETIS CL A ORD		04/27/2023	CITIGROUP GLOBAL MARKET	81.000	13,913			
D0712D-16-3	BAYER N ORD	B.	04/27/2023	Stanford C.Bernstein & Co., LLC	2,719.000	180,326			
682343-16-4	SMITH AND NEPHEW ORD	B.	05/17/2023	CORPORATE ACTION	828.000	13,750			
692087-16-5	UNILEVER ORD	B.	05/18/2023	Various	153.000	7,712			
J22302-11-1	HONDA MOTOR ORD	B.	05/25/2023	MORGAN STANLEY AND CO LLC	4,300.000	122,753			
J31843-10-5	KDDI ORD	B.	05/08/2023	Various	20,500.000	638,433			
J43873-11-6	mitsubishi elec ORD	B.	05/25/2023	Various	67,600.000	852,247			
J8129E-10-8	TAKEDA PHARM ORD	B.	06/19/2023	Various	20,300.000	656,341			
5019999999	Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Publicly Traded					11,600,549	XXX		XXX
3134#1-00-1	FHLB Des Moines - Activity Stock		05/17/2023	Direct	40,000.000	4,000,000			
5029999999	Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Other					4,000,000	XXX		XXX
5989999997	Total - Common Stocks - Part 3					15,600,549	XXX		XXX
5989999998	Total - Common Stocks - Part 5					XXX	XXX	XXX	XXX
5989999999	Total - Common Stocks					15,600,549	XXX		XXX
5999999999	Total - Preferred and Common Stocks					15,600,549	XXX		XXX
6009999999	Totals					792,066,931	XXX	2,409,358	XXX

E04.4

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amortization)/ Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in 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	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
..312943-BR-3	FH A94548 - RMBS		06/01/2023	Paydown		33,748	33,748	33,305	33,294		453		453		33,748				565	10/01/2040	1.A
..312943-F3-2	FH A94686 - RMBS		06/01/2023	Paydown		111,901	111,901	110,659	110,510		1,391		1,391		111,901				2,110	11/01/2040	1.A
..312943-F4-0	FH A94687 - RMBS		06/01/2023	Paydown		14,342	14,342	14,183	14,189		154		154		14,342				238	11/01/2040	1.A
..312945-A4-0	FH A96327 - RMBS		06/01/2023	Paydown		106,577	106,577	105,586	105,543		1,034		1,034		106,577				1,900	01/01/2041	1.A
..31297V-7G-7	FH A39895 - RMBS		06/01/2023	Paydown		9,093	9,093	8,932	8,957		136		136		9,093				212	11/01/2035	1.A
..3131WD-ST-9	FH Z11758 - RMBS		06/01/2023	Paydown		3,299	3,299	3,255	3,259		40		40		3,299				75	05/01/2034	1.A
..3131WD-7E-0	FH Z11793 - RMBS		06/01/2023	Paydown		6,418	6,418	6,332	6,345		73		73		6,418				147	05/01/2034	1.A
..3131WD-BJ-4	FH Z10941 - RMBS		06/01/2023	Paydown		3,544	3,544	3,523	3,524		20		20		3,544				88	11/01/2033	1.A
..3131WE-2S-2	FH Z12585 - RMBS		06/01/2023	Paydown		1,692	1,692	1,698	1,698		(6)		(6)		1,692				39	10/01/2034	1.A
..3131WF-SC-6	FH Z13215 - RMBS		06/01/2023	Paydown		270	270	264	263		7		7		270				6	04/01/2035	1.A
..3131WG-6B-0	FH Z14466 - RMBS		06/01/2023	Paydown		2,197	2,197	2,217	2,210		(13)		(13)		2,197				50	07/01/2035	1.A
..3131WG-FR-5	FH Z13776 - RMBS		06/01/2023	Paydown		226	226	237	241		(15)		(15)		226				5	11/01/2035	1.A
..3131WG-HH-5	FH Z13932 - RMBS		06/01/2023	Paydown		311	311	307	306		6		6		311				6	11/01/2035	1.A
..3131WK-VP-2	FH Z16922 - RMBS		06/01/2023	Paydown		460	460	477	472		(13)		(13)		460				13	12/01/2037	1.A
..3131WM-HH-9	FH Z18345 - RMBS		06/01/2023	Paydown		515	515	523	524		(9)		(9)		515				12	12/01/2038	1.A
..3131WN-6F-6	FH Z19870 - RMBS		06/01/2023	Paydown		1,463	1,463	1,506	1,510		(47)		(47)		1,463				31	04/01/2040	1.A
..3131WN-QA-5	FH Z19449 - RMBS		06/01/2023	Paydown		5,871	5,871	6,117	6,145		(274)		(274)		5,871				118	11/01/2039	1.A
..3131WQ-LY-1	FH ZJ0343 - RMBS		06/01/2023	Paydown		3,169	3,169	3,342	3,379		(210)		(210)		3,169				59	08/01/2040	1.A
..3131WQ-OP-5	FH ZJ0462 - RMBS		06/01/2023	Paydown		8,444	8,444	8,581	8,593		(149)		(149)		8,444				141	09/01/2040	1.A
..3131WQ-RU-3	FH ZJ0499 - RMBS		06/01/2023	Paydown		1,461	1,461	1,516	1,533		(72)		(72)		1,461				28	09/01/2040	1.A
..3131WQ-UC-9	FH ZJ0579 - RMBS		06/01/2023	Paydown		1,826	1,826	1,869	1,897		(71)		(71)		1,826				30	10/01/2040	1.A
..3131WQ-XU-6	FH ZJ0691 - RMBS		06/01/2023	Paydown		10,466	10,466	10,412	10,408		58		58		10,466				196	11/01/2040	1.A
..3131WR-GC-3	FH ZJ1095 - RMBS		06/01/2023	Paydown		2,949	2,949	3,000	3,024		(75)		(75)		2,949				55	01/01/2041	1.A
..3131WR-KD-6	FH ZJ1192 - RMBS		06/01/2023	Paydown		12,830	12,830	12,542	12,503		327		327		12,830				216	02/01/2041	1.A
..3131WR-LV-5	FH ZJ1240 - RMBS		06/01/2023	Paydown		36,787	36,787	37,015	37,039		(252)		(252)		36,787				604	02/01/2041	1.A
..3131WR-R9-8	FH ZJ1412 - RMBS		06/01/2023	Paydown		9,173	9,173	9,707	9,758		(585)		(585)		9,173				194	03/01/2041	1.A
..3131WX-D4-1	FH ZJ6423 - RMBS		06/01/2023	Paydown		9,147	9,147	9,431	9,350		(204)		(204)		9,147				285	09/01/2032	1.A
..3131XG-LC-0	FH ZL1223 - RMBS		06/01/2023	Paydown		3,051	3,051	3,152	3,170		(119)		(119)		3,051				57	04/01/2041	1.A
..3131XG-LD-8	FH ZL1224 - RMBS		06/01/2023	Paydown		4,107	4,107	4,238	4,241		(133)		(133)		4,107				77	04/01/2041	1.A
..3131XH-BQ-8	FH ZL1847 - RMBS		06/01/2023	Paydown		2,120	2,120	2,198	2,212		(91)		(91)		2,120				35	08/01/2041	1.A
..3131XH-SL-1	FH ZL2323 - RMBS		06/01/2023	Paydown		14,495	14,495	15,086	15,260		(765)		(765)		14,495				240	11/01/2041	1.A
..3131XJ-4V-1	FH ZL3536 - RMBS		06/01/2023	Paydown		6,766	6,766	7,209	7,262		(496)		(496)		6,766				41	08/01/2042	1.A
..31329H-5X-5	FH ZA0862 - RMBS		06/01/2023	Paydown		2,475	2,475	2,567	2,547		(71)		(71)		2,475				65	11/01/2032	1.A
..3132A1-BY-9	FH ZS0955 - RMBS		06/01/2023	Paydown		1,084	1,084	1,069	1,071		13		13		1,084				25	10/01/2035	1.A
..3132A1-VU-5	FH ZS1527 - RMBS		06/01/2023	Paydown		4,339	4,339	4,433	4,428		(89)		(89)		4,339				104	06/01/2036	1.A
..3132A2-FV-9	FH ZS1980 - RMBS		06/01/2023	Paydown		551	551	584	581		(30)		(30)		551				15	09/01/2037	1.A
..3132A3-NW-6	FH ZS3105 - RMBS		06/01/2023	Paydown		20,591	20,591	20,290	20,275		316		316		20,591				348	02/01/2041	1.A
..3132A3-QD-5	FH ZS3152 - RMBS		06/01/2023	Paydown		9,811	9,811	9,850	9,854		(43)		(43)		9,811				163	03/01/2041	1.A
..3132A3-SL-5	FH ZS3223 - RMBS		06/01/2023	Paydown		3,315	3,315	3,425	3,440		(125)		(125)		3,315				63	02/01/2041	1.A
..3132A3-TF-7	FH ZS3250 - RMBS		06/01/2023	Paydown		9,553	9,553	9,579	9,582		(29)		(29)		9,553				154	06/01/2041	1.A
..3132A4-UQ-9	FH ZS4191 - RMBS		06/01/2023	Paydown		4,204	4,204	4,120	4,122		81		81		4,204				97	07/01/2035	1.A
..3132A4-UT-3	FH ZS4194 - RMBS		06/01/2023	Paydown		1,472	1,472	1,410	1,409		63		63		1,472				30	08/01/2035	1.A
..3132A7-ND-9	FH ZS6688 - RMBS		06/01/2023	Paydown		5,230	5,230	5,393	5,349		(118)		(118)		5,230				22	04/01/2028	1.A
..3132AC-YM-6	FH ZT0716 - RMBS		06/01/2023	Paydown		20,344	20,344	20,862	21,035		(691)		(691)		20,344				251	10/01/2033	1.A
..3132AD-LT-3	FH ZT1238 - RMBS		06/01/2023	Paydown		3,288	3,288	3,505	3,571		(283)		(283)		3,288				23	07/01/2042	1.A
..3132CW-ZR-8	FH SB0752 - RMBS		06/01/2023	Paydown		295,956	295,956	293,921	293,934		2,022		2,022		295,956				5,250	10/01/2037	1.A

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Ident- ification	Description	For- eign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consid- eration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor- tization)/ Accretion	Current Year's Other Than Temporary Impairment Recogn- ized	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 Con- tractual Maturity Date	NAIC Desig- nation, NAIC Desig- nation Modifier and SVO Admini- strative Symbol
..313760-CU-1	STACR 2014-DNA M3 - CMO/RMBS		06/26/2023	Paydown		2,447	2,447	2,723	2,518		(72)		(72)		2,447				56	10/25/2024	1.A
..313760-EW-5	STACR 2015-DNA1 M3 - CDO/CMO/RMBS		06/26/2023	Paydown		364,532	364,532	393,281	381,924		(17,392)		(17,392)		364,532				9,635	10/25/2027	1.A
..313760-HII-2	STACR 2016-DNA1 M3 - CDO/CMO/RMBS		06/26/2023	Paydown		64,397	64,397	74,972	69,679		(5,282)		(5,282)		64,397				2,633	07/25/2028	1.A
..313760-SE-0	STACR 2017-HQA3 B1 - CMO/RMBS		05/16/2023	TENDER		271,445	250,000	250,000	250,000						250,000				30,294	04/25/2030	5.B GI
..313761-AA-5	FWLS 2015-SCO1 1A - CMO/RMBS		06/01/2023	Paydown		2,068	2,068	2,102	2,093		(25)		(25)		2,068				13	05/25/2045	1.A
..31385H-QV-7	FN 545068 - RMBS		06/01/2023	Paydown		3,067	3,067	3,160	3,115		(48)		(48)		3,067				89	07/01/2031	1.A
..31385J-EL-8	FN 545639 - RMBS		06/01/2023	Paydown		4,001	4,001	4,122	4,069		(68)		(68)		4,001				111	04/01/2032	1.A
..31385N-RA-9	FN 547781 - RMBS		06/01/2023	Paydown		509	509	505	506		3		3		509				16	09/01/2030	1.A
..31386L-6V-9	FN 567084 - RMBS		06/01/2023	Paydown		138	138	141	139		(1)		(1)		138				4	12/01/2030	1.A
..31387D-4B-2	FN 581418 - RMBS		06/01/2023	Paydown		467	467	480	473		(6)		(6)		467				14	06/01/2031	1.A
..31387D-NE-5	FN 580989 - RMBS		06/01/2023	Paydown		227	227	232	232		(5)		(5)		227				7	05/01/2031	1.A
..31387X-MC-6	FN 597155 - RMBS		06/01/2023	Paydown		522	522	533	530		(8)		(8)		522				15	09/01/2031	1.A
..31387X-T7-0	FN 597374 - RMBS		06/01/2023	Paydown		965	965	994	979		(14)		(14)		965				28	09/01/2031	1.A
..31388K-CX-8	FN 606786 - RMBS		06/01/2023	Paydown		187	187	194	191		(4)		(4)		187				5	09/01/2031	1.A
..31388K-T7-7	FN 607274 - RMBS		06/01/2023	Paydown		1,151	1,151	1,187	1,174		(23)		(23)		1,151				34	11/01/2031	1.A
..31388W-ZE-9	FN 617341 - RMBS		06/01/2023	Paydown		335	335	346	342		(7)		(7)		335				9	12/01/2031	1.A
..31389G-ST-8	FN 625230 - RMBS		06/01/2023	Paydown		2,312	2,312	2,331	2,320		(8)		(8)		2,312				53	02/01/2032	1.A
..31389G-SV-3	FN 625232 - RMBS		06/01/2023	Paydown		679	679	698	694		(15)		(15)		679				20	02/01/2032	1.A
..31389K-50-0	FN 628255 - RMBS		06/01/2023	Paydown		2,597	2,597	2,662	2,633		(36)		(36)		2,597				76	02/01/2032	1.A
..31389K-5S-6	FN 628257 - RMBS		06/01/2023	Paydown		14,136	14,136	14,277	14,186		(51)		(51)		14,136				384	02/01/2032	1.A
..31389U-HE-2	FN 635729 - RMBS		06/01/2023	Paydown		10,339	10,339	10,630	10,492		(153)		(153)		10,339				310	03/01/2032	1.A
..31389U-MJ-5	FN 635861 - RMBS		06/01/2023	Paydown		2,131	2,131	2,155	2,141		(10)		(10)		2,131				58	03/01/2032	1.A
..31389V-R5-8	FN 636908 - RMBS		06/01/2023	Paydown		839	839	867	855		(16)		(16)		839				23	05/01/2032	1.A
..3138A2-BK-4	FN AH0941 - RMBS		06/01/2023	Paydown		87,223	87,223	86,296	86,288		934		934		87,223				1,499	12/01/2040	1.A
..3138A5-6C-1	FN AH4466 - RMBS		06/01/2023	Paydown		20,627	20,627	19,702	19,472		1,155		1,155		20,627				301	02/01/2041	1.A
..3138A5-FU-1	FN AH3778 - RMBS		06/01/2023	Paydown		49,011	49,011	46,454	46,484		2,527		2,527		49,011				664	01/01/2041	1.A
..3138AA-3C-3	FN AH8894 - RMBS		06/01/2023	Paydown		56,354	56,354	57,692	57,595		(1,241)		(1,241)		56,354				1,164	04/01/2041	1.A
..3138AB-MF-3	FN AH9357 - RMBS		06/01/2023	Paydown		2,214	2,214	2,308	2,339		(124)		(124)		2,214				42	04/01/2041	1.A
..3138AD-V4-4	FN AI0634 - RMBS		06/01/2023	Paydown		3,840	3,840	4,062	4,034		(194)		(194)		3,840				80	04/01/2041	1.A
..3138AM-VA-0	FN AI7808 - RMBS		06/01/2023	Paydown		10,803	10,803	11,383	11,504		(701)		(701)		10,803				233	07/01/2041	1.A
..3138AS-ZJ-4	FN AJ1644 - RMBS		06/01/2023	Paydown		2,371	2,371	2,471	2,492		(121)		(121)		2,371				12	11/01/2041	1.A
..3138EO-SD-2	FN AJ7715 - RMBS		06/01/2023	Paydown		72,396	72,396	75,750	74,218		(1,821)		(1,821)		72,396				899	12/01/2026	1.A
..3138EG-NN-0	FN AL0396 - RMBS		06/01/2023	Paydown		525	525	575	565		(40)		(40)		525				12	12/01/2035	1.A
..3138EK-G7-4	FN AL2921 - RMBS		06/01/2023	Paydown		9,203	9,203	9,292	9,298		(95)		(95)		9,203				109	08/01/2042	1.A
..3138EL-AF-0	FN AL3605 - RMBS		06/01/2023	Paydown		9,496	9,496	9,584	9,585		(89)		(89)		9,496				137	05/01/2043	1.A
..3138EN-3F-4	FN AL6197 - RMBS		06/01/2023	Paydown		235,321	235,321	239,384	238,678		(3,357)		(3,357)		235,321				2,926	01/01/2030	1.A
..3138EQ-LN-0	FN AL7532 - RMBS		06/01/2023	Paydown		116,079	116,079	119,504	119,504		(3,425)		(3,425)		116,079				1,428	11/01/2027	1.A
..3138ER-5V-8	FN AL9859 - RMBS		06/01/2023	Paydown		271,128	271,128	261,765	258,252		12,875		12,875		271,128				1,399	03/01/2047	1.A
..3138ER-MW-7	FN AL9372 - RMBS		06/01/2023	Paydown		111,273	111,273	110,931	110,956		317		317		111,273				1,135	11/01/2031	1.A
..3138ET-4G-8	FN AL8922 - RMBS		06/01/2023	Paydown		11,424	11,424	11,937	11,997		(399)		(399)		11,424				143	05/01/2030	1.A
..3138MB-J6-1	FN AP4784 - RMBS		06/01/2023	Paydown		120,769	120,769	115,703	114,615		6,155		6,155		120,769				1,482	09/01/2042	1.A
..3138MJ-GE-3	FN AQ2896 - RMBS		06/01/2023	Paydown		169,715	169,715	164,040	163,423		6,292		6,292		169,715				2,134	12/01/2042	1.A
..3138W6-GB-6	FN AR8293 - RMBS		06/01/2023	Paydown		176,925	176,925	170,610	169,274		7,651		7,651		176,925				2,158	05/01/2043	1.A
..3138W7-F6-6	FN AR9188 - RMBS		06/01/2023	Paydown		36,184	36,184	33,199	32,869		3,314		3,314		36,184				392	03/01/2043	1.A
..3138W7-GB-4	FN AR9193 - RMBS		06/01/2023	Paydown		297,728	297,728	298,101	298,072		(343)		(343)		297,728				3,676	03/01/2043	1.A
..3138W9-VQ-0	FN AS0622 - RMBS		06/01/2023	Paydown		7,449	7,449	7,691	7,576		(127)		(127)		7,449				37	10/01/2028	1.A

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in 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	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
..31400T-GP-6	FN 696906 - RMBS		06/01/2023	Paydown		5,758	5,758	5,993	5,900		(142)		(142)		5,758				132	04/01/2033	1.A
..31401C-EK-5	FN 704038 - RMBS		06/01/2023	Paydown		236	236	236	236						236				5	05/01/2033	1.A
..31401V-6P-1	FN 720078 - RMBS		06/01/2023	Paydown		7,580	7,580	7,518	7,527		53		53		7,580				174	07/01/2033	1.A
..31402C-4C-3	FN 725419 - RMBS		06/01/2023	Paydown		10,084	10,084	10,098	10,088		(5)		(5)		10,084				186	10/01/2033	1.A
..31402C-4H-2	FN 725424 - RMBS		06/01/2023	Paydown		733	733	804	787		(55)		(55)		733				17	04/01/2034	1.A
..31402C-P3-0	FN 725042 - RMBS		06/01/2023	Paydown		852	852	847	847		5		5		852				19	01/01/2034	1.A
..31402C-U7-5	FN 725206 - RMBS		06/01/2023	Paydown		461	461	458	459		3		3		461				10	02/01/2034	1.A
..31402C-VN-9	FN 725221 - RMBS		06/01/2023	Paydown		462	462	498	489		(28)		(28)		462				10	01/01/2034	1.A
..31402D-F3-9	FN 725686 - RMBS		06/01/2023	Paydown		581	581	588	587		(6)		(6)		581				15	07/01/2034	1.A
..31402D-IP-2	FN 725966 - RMBS		06/01/2023	Paydown		43,545	43,545	39,394	39,938		3,607		3,607		43,545				796	09/01/2034	1.A
..31402J-3V-7	FN 730812 - RMBS		06/01/2023	Paydown		26,529	26,529	26,131	26,212		316		316		26,529				607	08/01/2033	1.A
..31402L-DK-5	FN 731906 - RMBS		06/01/2023	Paydown		865	865	845	851		(14)		(14)		865				18	11/01/2033	1.A
..31402Q-S9-3	FN 735044 - RMBS		06/01/2023	Paydown		535	535	545	542		(7)		(7)		535				12	10/01/2034	1.A
..31402Q-VG-3	FN 735115 - RMBS		06/01/2023	Paydown		2,695	2,695	2,765	2,741		(46)		(46)		2,695				67	12/01/2034	1.A
..31402Q-Y3-9	FN 735230 - RMBS		06/01/2023	Paydown		1,433	1,433	1,567	1,541		(108)		(108)		1,433				32	02/01/2035	1.A
..31402Q-YV-7	FN 735224 - RMBS		06/01/2023	Paydown		27,181	27,181	26,153	26,322		859		859		27,181				622	02/01/2035	1.A
..31402R-JV-2	FN 735676 - RMBS		06/01/2023	Paydown		6,021	6,021	6,428	6,359		(338)		(338)		6,021				124	07/01/2035	1.A
..31402R-N6-2	FN 735813 - RMBS		06/01/2023	Paydown		100	100	99	102		(3)		(3)		100				2	07/01/2035	1.A
..31402R-UJ-7	FN 735997 - RMBS		06/01/2023	Paydown		3,023	3,023	3,030	3,028		(5)		(5)		3,023				69	11/01/2035	1.A
..31402Y-GR-9	FN 741908 - RMBS		06/01/2023	Paydown		4,171	4,171	4,087	4,104		67		67		4,171				92	11/01/2033	1.A
..31403C-6L-0	FN 745275 - RMBS		06/01/2023	Paydown		3,213	3,213	3,276	3,267		(55)		(55)		3,213				67	02/01/2036	1.A
..31403D-BY-4	FN 745355 - RMBS		06/01/2023	Paydown		633	633	622	623		11		11		633				13	03/01/2036	1.A
..31403D-PP-8	FN 745730 - RMBS		06/01/2023	Paydown		1,411	1,411	1,543	1,514		(103)		(103)		1,411				34	03/01/2035	1.A
..31403J-CR-5	FN 749880 - RMBS		06/01/2023	Paydown		4,379	4,379	4,581	4,497		(118)		(118)		4,379				91	10/01/2033	1.A
..31403K-UP-6	FN 751290 - RMBS		06/01/2023	Paydown		5,206	5,206	5,276	5,256		(50)		(50)		5,206				130	03/01/2034	1.A
..31403M-UP-2	FN 753090 - RMBS		06/01/2023	Paydown		939	939	971	957		(18)		(18)		939				23	12/01/2033	1.A
..31403R-PR-3	FN 755632 - RMBS		06/01/2023	Paydown		398	398	392	393		5		5		398				8	04/01/2034	1.A
..31403R-RX-8	FN 755702 - RMBS		06/01/2023	Paydown		118	118	118	118						118				3	03/01/2034	1.A
..31403V-4Q-9	FN 759631 - RMBS		06/01/2023	Paydown		1,904	1,904	1,912	1,907		(3)		(3)		1,904				44	02/01/2034	1.A
..31404L-TJ-9	FN 771953 - RMBS		06/01/2023	Paydown		2,268	2,268	2,355	2,332		(64)		(64)		2,268				71	02/01/2034	1.A
..31404N-FX-9	FN 773382 - RMBS		06/01/2023	Paydown		166	166	168	168		(1)		(1)		166				4	04/01/2034	1.A
..31404N-NS-1	FN 773601 - RMBS		06/01/2023	Paydown		164	164	169	168		(5)		(5)		164				4	08/01/2034	1.A
..31404P-QN-4	FN 774561 - RMBS		06/01/2023	Paydown		19	19	19	19						19					04/01/2034	1.A
..31404Q-WU-9	FN 775659 - RMBS		06/01/2023	Paydown		208	208	208	208						208				5	05/01/2034	1.A
..31404R-YN-1	FN 776617 - RMBS		06/01/2023	Paydown		341	341	345	344		(3)		(3)		341				7	04/01/2034	1.A
..31404T-ET-6	FN 777846 - RMBS		06/01/2023	Paydown		89	89	89	89						89				2	05/01/2034	1.A
..31404U-JU-5	FN 778875 - RMBS		06/01/2023	Paydown		5,009	5,009	5,081	5,047		(37)		(37)		5,009				125	06/01/2034	1.A
..31405H-J6-6	FN 789685 - RMBS		06/01/2023	Paydown		683	683	714	703		(19)		(19)		683				18	07/01/2034	1.A
..31405J-KZ-6	FN 790612 - RMBS		06/01/2023	Paydown		105	105	110	112		(7)		(7)		105				3	09/01/2034	1.A
..31405J-UE-2	FN 790881 - RMBS		06/01/2023	Paydown		1,200	1,200	1,220	1,215		(15)		(15)		1,200				28	09/01/2034	1.A
..31405R-7F-7	FN 797494 - RMBS		06/01/2023	Paydown		1,495	1,495	1,519	1,523		(27)		(27)		1,495				28	03/01/2035	1.A
..31405S-EQ-3	FN 797843 - RMBS		06/01/2023	Paydown		489	489	485	486		4		4		489				10	08/01/2035	1.A
..31406B-ZG-8	FN 805443 - RMBS		06/01/2023	Paydown		1,473	1,473	1,523	1,504		(32)		(32)		1,473				37	11/01/2034	1.A
..31406E-2J-2	FN 808177 - RMBS		06/01/2023	Paydown		38,508	38,508	38,400	38,391		117		117		38,508				893	03/01/2035	1.A
..31406F-AR-2	FN 808316 - RMBS		06/01/2023	Paydown		2,760	2,760	2,886	2,862		(102)		(102)		2,760				63	01/01/2035	1.A
..31406F-WK-3	FN 808950 - RMBS		06/01/2023	Paydown		393	393	393	393						393				9	01/01/2035	1.A

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STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY
SCHEDULE D - PART 4

Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Ident-ification	Description	For-ign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consid-eration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor-tization)/ Accretion	Current Year's Other Than Temporary Impairment Recogn-ized	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 Con-tractual Maturity Date	NAIC Design-ation, NAIC Design-ation Modifier and SVO Admini-strative Symbol
..31406G-YX-1	FN 809926 - RMBS		06/01/2023	Paydown		1,026	1,026	1,045	1,041		(15)		(15)		1,026				24	02/01/2035	1.A
..31406K-RC-6	FN 812383 - RMBS		06/01/2023	Paydown		564	564	571	568		(3)		(3)		564				13	05/01/2035	1.A
..31406P-C3-1	FN 815590 - RMBS		06/01/2023	Paydown		263	263	270	269		(6)		(6)		263				7	04/01/2035	1.A
..31406P-HS-1	FN 815741 - RMBS		06/01/2023	Paydown		2,182	2,182	2,213	2,202		(19)		(19)		2,182				50	02/01/2035	1.A
..31406U-HG-6	FN 820231 - RMBS		06/01/2023	Paydown		4,031	4,031	4,125	4,088		(57)		(57)		4,031				119	06/01/2035	1.A
..31407D-SV-8	FN 827732 - RMBS		06/01/2023	Paydown		413	413	435	430		(18)		(18)		413				10	06/01/2035	1.A
..31407X-7F-2	FN 844294 - RMBS		06/01/2023	Paydown		202	202	209	207		(5)		(5)		202				5	11/01/2035	1.A
..31408E-G5-5	FN 849020 - RMBS		06/01/2023	Paydown		388	388	426	418		(30)		(30)		388				9	01/01/2036	1.A
..31409U-FA-8	FN 878661 - RMBS		06/01/2023	Paydown		142	142	136	137						142				3	02/01/2036	1.A
..3140E4-05-9	FN 8A0475 - RMBS		06/01/2023	Paydown		175,757	175,757	187,181	189,006		(13,249)		(13,249)		175,757			2,349	08/01/2045	1.A	
..3140F1-YF-3	FN 8C6109 - RMBS		06/01/2023	Paydown		3,372	3,372	3,323	3,322		50		50		3,372				49	06/01/2046	1.A
..3140J8-RT-2	FN 8M4097 - RMBS		06/01/2023	Paydown		4,284	4,284	4,486	4,497		(213)		(213)		4,284				76	07/01/2047	1.A
..3140J9-SN-2	FN 8M5024 - RMBS		06/01/2023	Paydown		89,843	89,843	90,615	89,843		(1,324)		(1,324)		89,843				1,125	11/01/2048	1.A
..3140K1-4D-5	FN 8O6219 - RMBS		06/01/2023	Paydown		135,222	135,222	142,342	146,358		(11,136)		(11,136)		135,222			1,737	12/01/2049	1.A	
..3140KD-KX-7	FN 8P5709 - RMBS		06/01/2023	Paydown		434,905	434,905	451,095	454,900		(19,995)		(19,995)		434,905			4,736	05/01/2050	1.A	
..3140LY-P6-4	FN 8T9444 - RMBS		06/01/2023	Paydown		197,154	197,154	198,818	198,701		(1,547)		(1,547)		197,154				1,613	11/01/2036	1.A
..3140O7-FX-0	FN 8A0181 - RMBS		06/01/2023	Paydown		16,489	16,489	16,650	16,733		(244)		(244)		16,489			266	08/01/2047	1.A	
..3140OD-XC-3	FN 8A6074 - RMBS		06/01/2023	Paydown		103,619	103,619	108,638	110,767		(7,148)		(7,148)		103,619				1,066	06/01/2050	1.A
..3140OG-D4-6	FN 8A8222 - RMBS		06/01/2023	Paydown		408,946	408,946	411,326	411,566		(2,380)		(2,380)		408,946				1,953	12/01/2050	1.A
..3140OG-MJ-3	FN 8A8460 - RMBS		06/01/2023	Paydown		38,593	38,593	40,112	40,290		(1,698)		(1,698)		38,593				417	01/01/2051	1.A
..3140ON-B5-0	FN 8B2759 - RMBS		06/01/2023	Paydown		823,573	823,573	843,519	842,984		(19,411)		(19,411)		823,573			10,437	02/01/2052	1.A	
..3140X6-VF-5	FN 8M3313 - RMBS		06/01/2023	Paydown		89,470	89,470	92,574	93,009		(3,538)		(3,538)		89,470				747	08/01/2035	1.A
..3140X8-RQ-2	FN 8M4994 - RMBS		06/01/2023	Paydown		114,115	114,115	118,541	117,230		(3,116)		(3,116)		114,115			588	12/01/2050	1.A	
..3140X9-C7-8	FN 8M5493 - RMBS		06/01/2023	Paydown		134,834	134,834	141,175	141,180		(6,346)		(6,346)		134,834				1,175	02/01/2036	1.A
..3140XA-BG-6	FN 8M6338 - RMBS		06/01/2023	Paydown		151,847	151,847	152,061	152,000		(236)		(236)		151,847				1,454	02/01/2051	1.A
..3140XB-KY-5	FN 8M7510 - RMBS		06/01/2023	Paydown		621,101	621,101	645,265	646,810		(25,709)		(25,709)		621,101			8,234	06/01/2051	1.A	
..3140XC-NV-6	FN 8M8503 - RMBS		06/01/2023	Paydown		167,113	167,113	173,713	173,813		(6,701)		(6,701)		167,113				1,731	04/01/2036	1.A
..3140XD-QA-7	FN 8M9448 - RMBS		06/01/2023	Paydown		381,134	381,134	382,787	382,694		(1,559)		(1,559)		381,134			3,224	10/01/2051	1.A	
..3140XH-X9-3	FN 8S2503 - RMBS		06/01/2023	Paydown		34,460	34,460	33,577	33,589		871		871		34,460				521	07/01/2037	1.A
..3140XH-YD-3	FN 8S2507 - RMBS		06/01/2023	Paydown		77,093	77,093	77,912	77,921		(829)		(829)		77,093				1,168	12/01/2035	1.A
..3140XJ-HE-6	FN 8S2928 - RMBS		06/01/2023	Paydown		53,519	53,519	51,610	51,610						53,519				849	09/01/2037	1.A
..3140XK-FV-7	FN 8S3779 - RMBS		06/01/2023	Paydown		27,360	27,360	27,766			(406)		(406)		27,360				155	11/01/2037	1.A
..31410G-BE-2	FN 888437 - RMBS		06/01/2023	Paydown		512	512	528	526		(14)		(14)		512				12	11/01/2036	1.A
..31410G-EK-5	FN 888538 - RMBS		06/01/2023	Paydown		1,900	1,900	1,968	1,958		(58)		(58)		1,900				45	01/01/2037	1.A
..31410G-LJ-1	FN 888997 - RMBS		06/01/2023	Paydown		3,194	3,194	3,234	3,222		(28)		(28)		3,194				73	08/01/2035	1.A
..31410N-RR-1	FN 892496 - RMBS		06/01/2023	Paydown		442	442	441	441		2		2		442				11	08/01/2036	1.A
..31410Q-NQ-0	FN 894199 - RMBS		06/01/2023	Paydown		179	179	186	185		(6)		(6)		179				5	10/01/2036	1.A
..31411D-QK-8	FN 905058 - RMBS		06/01/2023	Paydown		806	806	813	812		(6)		(6)		806				20	11/01/2036	1.A
..31411H-N8-9	FN 908615 - RMBS		06/01/2023	Paydown		2,021	2,021	1,937	1,962		58		58		2,021				46	02/01/2037	1.A
..31412J-BV-6	FN 926252 - RMBS		06/01/2023	Paydown		6,624	6,624	6,751	6,738		(114)		(114)		6,624				124	12/01/2035	1.A
..31412L-AA-2	FN 928027 - RMBS		06/01/2023	Paydown		3,214	3,214	3,470	3,383		(169)		(169)		3,214				81	01/01/2037	1.A
..31412N-TJ-9	FN 930697 - RMBS		06/01/2023	Paydown		11,345	11,345	11,109	11,101		244		244		11,345				208	01/01/2035	1.A
..31412N-FD-3	FN 929964 - RMBS		06/01/2023	Paydown		1,698	1,698	1,799	1,780		(82)		(82)		1,698				40	09/01/2038	1.A
..31412N-JA-5	FN 930057 - RMBS		06/01/2023	Paydown		11,932	11,932	11,932	11,931		1		1		11,932				298	10/01/2038	1.A
..31412P-SV-9	FN 931560 - RMBS		06/01/2023	Paydown		12,816	12,816	12,828	12,818		(11)		(11)		12,816				239	05/01/2035	1.A
..31412Q-SU-4	FN 932131 - RMBS		06/01/2023	Paydown		2,362	2,362	2,405	2,402		(39)		(39)		2,362				44	11/01/2039	1.A

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STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in 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	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
..31412U-7H-7	FN 935696 - RMBS		06/01/2023	Paydown		4,107	4,107	4,181	4,185		(78)		(78)		4,107				77	11/01/2039	1.A
..31412Y-FA-7	FN 937661 - RMBS		06/01/2023	Paydown		5,594	5,594	5,750	5,721		(127)		(127)		5,594				109	06/01/2037	1.A
..31413J-PA-6	FN 946917 - RMBS		06/01/2023	Paydown		504	504	516	511		(7)		(7)		504				14	09/01/2037	1.A
..31413L-TE-9	FN 948849 - RMBS		06/01/2023	Paydown		376	376	400	400		(24)		(24)		376				9	08/01/2037	1.A
..31413Y-RW-3	FN 959601 - RMBS		06/01/2023	Paydown		276	276	282	282		(7)		(7)		276				8	11/01/2037	1.A
..31414Q-AB-3	FN 972602 - RMBS		06/01/2023	Paydown		820	820	838	835		(15)		(15)		820				7	04/01/2038	1.A
..31416B-2Z-0	FN 995492 - RMBS		06/01/2023	Paydown		39,096	39,096	40,455	40,246		(1,150)		(1,150)		39,096				807	12/01/2034	1.A
..31416B-L8-9	FN 995051 - RMBS		06/01/2023	Paydown		347	347	372	366		(19)		(19)		347				9	03/01/2037	1.A
..31416B-RY-6	FN 995203 - RMBS		06/01/2023	Paydown		1,130	1,130	1,180	1,171		(41)		(41)		1,130				24	07/01/2035	1.A
..31416L-SW-7	FN AA3232 - RMBS		06/01/2023	Paydown		40,820	40,820	40,170	40,153		667		667		40,820				618	04/01/2039	1.A
..31416R-FA-6	FN AA7360 - RMBS		06/01/2023	Paydown		10,700	10,700	10,718	10,718		(19)		(19)		10,700				196	01/01/2034	1.A
..31416R-M9-1	FN AA7583 - RMBS		06/01/2023	Paydown		1,026	1,026	1,078	1,075		(49)		(49)		1,026				19	06/01/2039	1.A
..31416S-KH-3	FN AA8395 - RMBS		06/01/2023	Paydown		1,258	1,258	1,309	1,305		(47)		(47)		1,258				26	06/01/2039	1.A
..31416X-E2-2	FN AB1952 - RMBS		06/01/2023	Paydown		5,489	5,489	5,502	5,502		(13)		(13)		5,489				89	12/01/2040	1.A
..31416X-JM-3	FN AB2067 - RMBS		06/01/2023	Paydown		33,025	33,025	31,328	31,147		1,878		1,878		33,025				486	01/01/2041	1.A
..31416X-SH-4	FN AB2319 - RMBS		06/01/2023	Paydown		109,052	109,052	102,185	102,457		6,595		6,595		109,052				1,373	02/01/2041	1.A
..31417A-CT-4	FN AB3681 - RMBS		06/01/2023	Paydown		42,504	42,504	43,693	43,810		(1,306)		(1,306)		42,504				620	10/01/2041	1.A
..31417A-JK-6	FN AB3865 - RMBS		06/01/2023	Paydown		17,634	17,634	18,042	18,076		(442)		(442)		17,634				271	11/01/2041	1.A
..31417D-W3-3	FN AB6965 - RMBS		06/01/2023	Paydown		12,346	12,346	12,184	12,246		100		100		12,346				120	11/01/2027	1.A
..31417E-SS-1	FN AB7728 - RMBS		06/01/2023	Paydown		144,184	144,184	138,225	137,660		6,523		6,523		144,184				1,416	01/01/2043	1.A
..31417G-EJ-1	FN AB9138 - RMBS		06/01/2023	Paydown		44,334	44,334	40,386	39,934		4,400		4,400		44,334				487	04/01/2043	1.A
..31417G-EQ-5	FN AB9142 - RMBS		06/01/2023	Paydown		87,862	87,862	85,164	84,510		3,352		3,352		1,094				1,094	04/01/2043	1.A
..31417J-EB-2	FN AC0129 - RMBS		06/01/2023	Paydown		603	603	617	607		(4)		(4)		603				10	12/01/2024	1.A
..31417J-SC-5	FN AC0514 - RMBS		06/01/2023	Paydown		864	864	880	884		(20)		(20)		864				16	07/01/2039	1.A
..31417M-OZ-9	FN AC3171 - RMBS		06/01/2023	Paydown		3,898	3,898	4,166	4,070		(172)		(172)		3,898				106	09/01/2039	1.A
..31417M-S8-7	FN AC3242 - RMBS		06/01/2023	Paydown		227,998	227,998	227,214	227,210		788		788		227,998				3,648	09/01/2039	1.A
..31417U-SY-7	FN AC8062 - RMBS		06/01/2023	Paydown		33,404	33,404	34,009	33,840		(436)		(436)		33,404				627	12/01/2039	1.A
..31418A-S5-8	FN MA1439 - RMBS		06/01/2023	Paydown		16,052	16,052	14,728	14,575		1,477		1,477		16,052				167	05/01/2043	1.A
..31418A-VH-8	FN MA1515 - RMBS		06/01/2023	Paydown		37,644	37,644	35,715	34,527		3,117		3,117		37,644				473	08/01/2043	1.A
..31418C-SU-4	FN MA3558 - RMBS		06/01/2023	Paydown		156,217	156,217	159,307	160,422		(4,205)		(4,205)		156,217				1,972	01/01/2034	1.A
..31418C-FD-1	FN MA2863 - RMBS		06/01/2023	Paydown		206,384	206,384	199,446	196,890		9,494		9,494		206,384				2,577	01/01/2047	1.A
..31418C-FJ-8	FN MA2868 - RMBS		06/01/2023	Paydown		190,125	190,125	190,793	190,730		(605)		(605)		190,125				1,963	01/01/2032	1.A
..31418C-G6-5	FN MA2920 - RMBS		06/01/2023	Paydown		69,934	69,934	69,751	69,736		198		198		69,934				883	03/01/2047	1.A
..31418C-S6-0	FN MA3218 - RMBS		06/01/2023	Paydown		10,609	10,609	10,587	10,587		22		22		10,609				80	12/01/2032	1.A
..31418C-UH-5	FN MA3283 - RMBS		06/01/2023	Paydown		27,274	27,274	27,777	27,881		(607)		(607)		27,274				340	02/01/2033	1.A
..31418C-UJ-1	FN MA3284 - RMBS		06/01/2023	Paydown		145,106	145,106	144,737	144,729		376		376		145,106				2,147	02/01/2033	1.A
..31418C-V9-2	FN MA3339 - RMBS		06/01/2023	Paydown		8,793	8,793	8,784	8,786		8		8		8				68	04/01/2033	1.A
..31418C-W8-9	FN MA3356 - RMBS		06/01/2023	Paydown		34,073	34,073	34,067	34,122		(49)		(49)		34,073				504	05/01/2048	1.A
..31418C-XW-9	FN MA3392 - RMBS		06/01/2023	Paydown		42,664	42,664	42,918	43,008		(344)		(344)		42,664				603	06/01/2033	1.A
..31418D-5C-2	FN MA4442 - RMBS		06/01/2023	Paydown		103,703	103,703	107,191	106,947		(3,245)		(3,245)		103,703				862	10/01/2036	1.A
..31418D-C5-9	FN MA3691 - RMBS		06/01/2023	Paydown		111,812	111,812	112,310	112,954		(1,142)		(1,142)		111,812				1,414	07/01/2049	1.A
..31418D-C9-1	FN MA3695 - RMBS		06/01/2023	Paydown		16,118	16,118	16,434	16,574		(456)		(456)		16,118				197	07/01/2034	1.A
..31418D-CG-5	FN MA3670 - RMBS		06/01/2023	Paydown		12,222	12,222	12,278	12,278		137		137		12,222				160	05/01/2049	1.A
..31418D-ES-7	FN MA3744 - RMBS		06/01/2023	Paydown		82,336	82,336	83,111	83,959		(1,622)		(1,622)		82,336				1,034	07/01/2049	1.A
..31418D-GF-3	FN MA3797 - RMBS		06/01/2023	Paydown		194,109	194,109	195,144	195,638		(1,528)		(1,528)		194,109				2,023	10/01/2034	1.A
..31418D-Q5-4	FN MA4075 - RMBS		06/01/2023	Paydown		23,191	23,191	24,207	24,336		(1,146)		(1,146)		23,191				244	07/01/2035	1.A

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STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter

1 CUSIP Identification	2 Description	3 Foreign	4 Disposal Date	5 Name of Purchaser	6 Number of Shares of Stock	7 Consideration	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 Contractual Maturity Date	22 NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
										11 Unrealized Valuation Increase/ (Decrease)	12 Current Year's (Amortization)/ 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							
..31418D-QH-8	FN MA4055 - RMBS		06/01/2023	Paydown		350,527	350,527	365,202	371,048		(20,521)		(20,521)	350,527				2,121	06/01/2050	1.A	
..31418D-RW-4	FN MA4100 - RMBS		06/01/2023	Paydown		587,439	587,439	605,796	608,410		(20,971)		(20,971)	587,439				4,807	08/01/2050	1.A	
..31418D-SH-6	FN MA4119 - RMBS		06/01/2023	Paydown		825,349	825,349	854,451	857,404		(31,695)		(31,695)	825,349				6,736	09/01/2050	1.A	
..31418D-SL-7	FN MA4122 - RMBS		06/01/2023	Paydown		35,895	35,895	36,899	36,899		(1,004)		(1,004)	35,895				227	09/01/2035	1.A	
..31418D-TL-6	FN MA4154 - RMBS		06/01/2023	Paydown		747,998	747,998	765,122	764,222		(16,224)		(16,224)	747,998				4,689	10/01/2035	1.A	
..31418D-TQ-5	FN MA4158 - RMBS		06/01/2023	Paydown		289,300	289,300	298,566	298,817		(9,517)		(9,517)	289,300				2,018	10/01/2050	1.A	
..31418D-UC-4	FN MA4178 - RMBS		06/01/2023	Paydown		94,526	94,526	95,575	95,550		(1,024)		(1,024)	94,526				588	11/01/2035	1.A	
..31418D-UF-7	FN MA4181 - RMBS		06/01/2023	Paydown		352,633	352,633	355,608	355,442		(2,809)		(2,809)	352,633				2,219	11/01/2050	1.A	
..31418D-UG-5	FN MA4182 - RMBS		06/01/2023	Paydown		309,389	309,389	319,806	320,345		(10,956)		(10,956)	309,389				2,174	11/01/2050	1.A	
..31418D-VA-7	FN MA4208 - RMBS		06/01/2023	Paydown		130,559	130,559	135,495	135,450		(4,936)		(4,936)	130,559				1,098	12/01/2050	1.A	
..31418D-VB-5	FN MA4209 - RMBS		06/01/2023	Paydown		321,367	321,367	325,585	325,507		(4,140)		(4,140)	321,367				1,774	12/01/2050	1.A	
..31418D-VII-9	FN MA4228 - RMBS		06/01/2023	Paydown		94,935	94,935	97,517	97,321		(2,386)		(2,386)	94,935				596	01/01/2036	1.A	
..31418D-WR-9	FN MA4255 - RMBS		06/01/2023	Paydown		133,322	133,322	133,427	133,427		(104)		(104)	133,322				1,117	02/01/2051	1.A	
..31418D-X9-8	FN MA4303 - RMBS		06/01/2023	Paydown		21,988	21,988	22,731	22,692		(704)		(704)	21,988				184	04/01/2036	1.A	
..31418D-Y3-0	FN MA4329 - RMBS		06/01/2023	Paydown		12,971	12,971	13,383	13,358		(387)		(387)	12,971				108	05/01/2036	1.A	
..31418D-YC-0	FN MA4306 - RMBS		06/01/2023	Paydown		435,280	435,280	450,515	451,554		(16,273)		(16,273)	435,280				4,557	04/01/2051	1.A	
..31418D-Z3-9	FN MA4361 - RMBS		06/01/2023	Paydown		24,704	24,704	23,596	23,608		1,096		1,096	24,704				263	06/01/2036	1.A	
..31418M-UN-0	FN ADO588 - RMBS		06/01/2023	Paydown		4,854	4,854	5,122	5,100		(246)		(246)	4,854				98	12/01/2039	1.A	
..31418R-HJ-3	FN AD3832 - RMBS		06/01/2023	Paydown		1,144	1,144	1,188	1,157		(12)		(12)	1,144				8	04/01/2032	1.A	
..31418W-PE-4	FN AD8520 - RMBS		06/01/2023	Paydown		4,982	4,982	4,929	4,926		57		57	4,982				82	08/01/2040	1.A	
..35563P-2S-7	SCRT 2021-2 MTU - CMO/RMBS		06/02/2023	Paydown		267,482	267,482	282,560	281,280		(13,798)		(13,798)	267,482				2,292	11/25/2060	1.A	
..35563P-2U-2	SCRT 2021-2 MBU - CMO/RMBS		06/02/2023	Paydown		12,988	12,988	13,135	13,120		(132)		(132)	12,988				135	11/25/2060	1.A	
..35563P-5A-3	SCRT 2021-3 MBU - CMO/RMBS		06/02/2023	Paydown		61,929	61,929	62,869	62,800		(871)		(871)	61,929				644	03/25/2061	1.A	
..35563P-5Y-1	SCRT 2021-3 TT - CMO/RMBS		06/01/2023	Paydown		49,146	49,146	50,164	50,165		(1,019)		(1,019)	49,146				158	03/25/2061	1.A	
..35563P-CE-7	SCRT 2017-3 M1 - CMO/RMBS		06/01/2023	Paydown		125,829	125,829	126,189	125,287		542		542	125,829				1,690	07/25/2056	2.B FE	
..35563P-E3-9	SCRT 2022-2 MA - CMO/RMBS		06/01/2023	Paydown		84,838	84,838	79,732	80,378		4,460		4,460	84,838				1,088	04/25/2062	1.A	
..35563P-HG-7	SCRT 2018-4 MB - CMO/RMBS		06/02/2023	Paydown		2,048	2,048	1,832	1,873		175		175	2,048				30	03/25/2058	1.A	
..35563P-MM-8	SCRT 2019-4 MB - CMO/RMBS		06/02/2023	Paydown		93,233	93,233	82,592	82,904		10,329		10,329	93,233				1,163	02/25/2059	1.A	
..35563P-SD-2	SCRT 2020-3 MB - CMO/RMBS		06/02/2023	Paydown		5,256	5,256	5,337	5,316		(60)		(60)	5,256				44	05/25/2060	1.A	
..35563P-VB-2	SCRT 2021-1 MBU - CMO/RMBS		06/02/2023	Paydown		13,031	13,031	12,846	12,862		169		169	13,031				136	09/27/2060	1.A	
..544552-WH-1	LOS ANGELES CALIF HBR DEPT REV		06/30/2023	RAYMOND JAMES		2,018,280	2,018,280	2,283,040	2,052,367		(16,557)		(16,557)	2,035,811		(17,531)	(17,531)	92,778	08/01/2036	1.C FE	
..56045T-AK-1	MAINE MUN BD BK LIQUOR OPERATION REV		06/27/2023	Call @ 100.00		2,500,000	2,500,000	2,500,000	2,500,000		(5,645)		(5,645)	2,500,000				62,258	06/01/2024	1.E FE	
..576000-RD-7	MASSACHUSETTS ST SCH BLDG AUTH		05/22/2023	CITIGROUP		11,098,780	11,000,000	11,122,650	11,030,055		(6,645)		(6,645)	11,024,410		74,370	74,370	377,667	01/15/2038	1.B FE	
..60416Q-FI-6	MINNESOTA ST HSG FIN AGY		06/01/2023	Paydown		14,009	14,009	14,149	14,015		(6)		(6)	14,009				151	09/01/2042	1.A FE	
..60416Q-FY-5	MINNESOTA ST HSG FIN AGY		06/01/2023	Paydown		8,102	8,102	8,102	8,102					8,102				101	07/01/2044	1.A FE	
..60416Q-GC-2	MINNESOTA ST HSG FIN AGY		06/01/2023	Paydown		35,957	35,957	35,957	35,957					35,957				417	02/01/2045	1.A FE	
..60416Q-GD-0	MINNESOTA ST HSG FIN AGY		06/01/2023	Paydown		54,460	54,460	54,460	54,460					54,460				611	04/01/2045	1.A FE	
..60416Q-GE-8	MINNESOTA ST HSG FIN AGY		06/01/2023	Paydown		37,731	37,731	37,731	37,731					37,731				484	06/01/2045	1.A FE	
..60416Q-GG-3	MINNESOTA ST HSG FIN AGY		06/01/2023	Paydown		10,744	10,744	10,744	10,744					10,744				132	02/01/2046	1.A FE	
..60416Q-GX-6	MINNESOTA ST HSG FIN AGY		06/01/2023	Paydown		31,282	31,282	31,292	31,282		(9)		(9)	31,282				436	10/01/2047	1.A FE	
..60416Q-GZ-1	MINNESOTA ST HSG FIN AGY		06/01/2023	Paydown		99,292	99,292	99,299	99,298		(6)		(6)	99,292				1,309	12/01/2047	1.A FE	
..60416Q-HA-5	MINNESOTA ST HSG FIN AGY		06/01/2023	Paydown		16,643	16,643	16,643	16,643					16,643				228	03/01/2048	1.A FE	
..60416Q-HC-1	MINNESOTA ST HSG FIN AGY		06/01/2023	Paydown		97,654	97,654	97,731	97,728		(73)		(73)	97,654				1,546	05/01/2048	1.A FE	
..60416Q-HL-1	MINNESOTA ST HSG FIN AGY		06/01/2023	Paydown		49,360	49,360	49,384	49,383		(23)		(23)	49,360				775	03/01/2049	1.A FE	
..626207-V6-8	MUNICIPAL ELEC AUTH GA		04/03/2023	Call @ 100.00		3,000	3,000	3,940	3,892		(3)		(3)	3,889		(889)	(889)	100	04/01/2057	1.E FE	
..626207-YM-0	MUNICIPAL ELEC AUTH GA		04/03/2023	Call @ 100.00		19,000	19,000	23,088	22,918		(10)		(10)	22,907		(3,907)	(3,907)	632	04/01/2057	1.F FE	

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter

Table with 22 columns: 1 CUSIP Identification, 2 Description, 3 Foreign, 4 Disposal Date, 5 Name of Purchaser, 6 Number of Shares of Stock, 7 Consideration, 8 Par Value, 9 Actual Cost, 10 Prior Year Book/Adjusted Carrying Value, 11-15 Change In 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), 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 Contractual Maturity Date, 22 NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol.

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STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY
SCHEDULE D - PART 4

Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in 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	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
..247361-ZW-1	DELTA AIR LINES INC - ABS		06/10/2023	Paydown		51,956	51,956	51,956	51,956						51,956				649	12/10/2029	2.B FE
..26982L-AB-6	EMIR 2020-1 M1B - CMO/RMBS	C	06/26/2023	Paydown		770,631	770,631	770,631	770,631						770,631				12,519	01/25/2030	1.E FE
..286857-B*-7	ELIZABETHTOWN GAS		04/05/2023	Call @ 100.00		4,450,000	4,450,000	4,450,000	4,450,000						4,450,000				151,133	12/20/2038	1.G
..286857-B*-5	ELIZABETHTOWN GAS		04/05/2023	Call @ 100.00		30,000,000	30,000,000	30,000,000	30,000,000						30,000,000				382,375	12/20/2048	1.G
..29373K-AB-9	EFF 2020-1 A2 - ABS		06/20/2023	Paydown		947,329	947,329	962,797	950,712	(3,383)			(3,383)		947,329				6,635	12/22/2025	1.A FE
..29373K-AC-7	EFF 2020-1 A3 - ABS		06/20/2023	Paydown		263,970	263,970	258,433	260,258	3,712			3,712		263,970				2,455	12/22/2025	1.A FE
..29373M-AB-5	EFF 213 A2 - ABS		06/20/2023	Paydown		1,640,752	1,640,752	1,637,207	1,556,405	3,408			3,408		1,640,752				5,145	08/27/2027	1.A FE
..29374F-AB-9	EFF 223 A2 - ABS		06/20/2023	Paydown		51,878	51,878	51,919	31,168	(39)			(39)		51,878				757	07/20/2029	1.A FE
..29375J-AB-0	EFF 2022-1 A2 - ABS		06/20/2023	Paydown		128,913	128,913	126,718	127,155	1,759			1,759		128,913				1,615	01/20/2028	1.A FE
..29375M-AB-3	EFF 2020-2 A2 - ABS		06/20/2023	Paydown		318,430	318,430	308,752	310,038	8,391			8,391		318,430				801	07/20/2026	1.A FE
..29425A-AE-3	CGCMT 2015-GC33 AAB - CMBS		06/01/2023	Paydown		11,261	11,261	11,992	11,411	(150)			(150)		11,261				164	09/12/2058	1.A
..30288*-AA-8	FREEMPORT LNG - ABS		04/01/2023	Paydown															9,307	03/31/2038	2.B FE
..30306V-A#-6	FLNG LIQUEFACTION 3 LLC - ABS		06/30/2023	Paydown		830,700	830,700	830,700	830,700						830,700				12,793	06/30/2039	2.C FE
..33766#-AA-9	FIRSTENERGY CORP - ABS		06/15/2023	Paydown		99,211	99,211	100,197	100,040	(828)			(828)		99,211				1,323	06/15/2035	3.A
..33851G-AF-2	FSMT 2161NV A6 - CMO/RMBS		06/01/2023	Paydown		48,896	48,896	50,241	50,156	(1,260)			(1,260)		48,896				496	08/25/2051	1.A
..33851P-AE-5	FSMT 2021-S1NV A5 - CMO/RMBS		06/01/2023	Paydown		49,881	49,881	50,948	50,928	(1,047)			(1,047)		49,881				532	07/25/2051	1.A
..33938E-AU-1	FLEX LTD	C	05/05/2023	BARCLAYS CAPITAL		1,973,800	2,000,000	1,985,022	1,995,481	617			617		1,996,097		(22,297)	(22,297)	38,000	06/15/2025	2.C FE
..34529G-AK-2	FORDO 2020-A A3 - ABS		06/15/2023	Paydown		187,351	187,351	188,939	187,803	(452)			(452)		187,351				809	08/15/2024	1.A FE
..34531K-AE-2	FORDO 2019-C A4 - ABS		06/15/2023	Paydown		296,696	296,696	304,102	298,935	(2,238)			(2,238)		296,696				2,367	04/15/2025	1.A FE
..34533Y-AD-2	FORDO 2020-C A3 - ABS		06/15/2023	Paydown		201,626	201,626	201,609	201,622	4			4		201,626				343	07/15/2025	1.A FE
..34535A-AB-6	FORDO 2022-C A2A - ABS		06/15/2023	Paydown		841,589	841,589	841,565	841,589	24			24		841,589				15,838	04/15/2025	1.A FE
..36198E-AE-5	GSMS 2013-GC13 A5 - CMBS		06/01/2023	Paydown		5,516,202	5,516,202	5,681,565	5,555,685	(39,482)			(39,482)		5,516,202				91,138	07/12/2046	1.A
..36228F-Q0-8	GSR 2004-6F 3A3 - CMO/RMBS		06/01/2023	Paydown		2,469	2,469	2,498	2,480	(11)			(11)		2,469				70	05/25/2034	1.A FM
..36242D-BU-6	GSR 2004-9 5A7 - CMO/RMBS		06/01/2023	Paydown		13,365	13,365	12,319	13,369	(4)			(4)		13,365				115	08/25/2034	1.A FM
..36250P-AC-9	GSMS 2015-GC32 A3 - CMBS		06/01/2023	Paydown		1,203,822	1,203,822	1,215,770	1,204,506	(684)			(684)		1,203,822				20,694	07/10/2048	1.A
..36258M-AE-4	GMCAR 2019-A A4 - ABS		06/16/2023	Paydown		438,591	438,591	438,476	438,575	16			16		438,591				3,185	01/16/2025	1.A FE
..36258V-AD-6	GMCAR 2020-2 A3 - ABS		06/16/2023	Paydown		282,002	282,002	286,609	283,249	(1,248)			(1,248)		282,002				1,742	12/16/2024	1.A FE
..362590-AC-5	GMCAR 2020-3 A3 - ABS		06/16/2023	Paydown		560,010	560,011	559,882	559,979	31			31		560,010				1,043	04/16/2025	1.A FE
..37045X-CL-8	GENERAL MOTORS FINANCIAL COMPANY INC		06/19/2023	Maturity @ 100.00		5,000,000	5,000,000	5,208,550	5,023,632	(23,632)			(23,632)		5,000,000				103,750	06/19/2023	2.B FE
..404119-BN-8	HCA INC		05/03/2023	WELLS FARGO		6,959,820	7,000,000	7,000,000	7,000,000						7,000,000		(40,180)	(40,180)	222,639	03/15/2024	2.C FE
..404280-BS-7	HSBC HOLDINGS PLC	C	05/18/2023	Call @ 100.00		5,000,000	5,000,000	4,972,550	4,978,506	5,907			5,907		4,984,413		15,587	15,587	98,750	05/18/2024	1.G FE
..42824C-AW-9	HEWLETT PACKARD ENTERPRISE CO		05/05/2023	JP MORGAN		14,935,650	15,000,000	14,962,925	14,987,574	1,473			1,473		14,989,047		(53,397)	(53,397)	416,500	10/15/2025	2.B FE
..432891-AK-5	HILTON DOMESTIC OPERATING COMPANY INC		04/26/2023	FORT WASHINGTON		191,831	195,000	185,749	185,749	248			248		185,997		5,834	5,834	5,466	04/01/2027	3.B FE
..437300-AA-4	HPA 211 A - CMBS		04/01/2023	Paydown		72,503	72,503	65,303	65,457	7,046			7,046		72,503				333	09/19/2041	1.A FE
..437300-AA-4	HPA 211 A - CMBS		06/01/2023	Paydown		40,111	40,111	36,128	32,083	3,877			3,877		40,111				226	09/19/2041	1.A FE
..43730X-AB-0	HPA 2021-3 B - CMBS		04/01/2023	Paydown		4,050	4,050	3,707	3,715	335			335		4,050				33	01/18/2041	1.D FE
..43730X-AB-0	HPA 2021-3 B - CMBS		06/01/2023	Paydown		55,768	55,768	51,041	48,147	4,584			4,584		55,768				491	01/18/2041	1.D FE
..43811J-AC-1	HAROT 2021-2 A3 - ABS		06/15/2023	Paydown		448,870	448,870	438,461	426,427	10,405			10,405		448,870				262	08/15/2025	1.A FE
..43813K-AC-6	HAROT 2020-3 A3 - ABS		06/18/2023	Paydown		2,196,469	2,196,469	2,202,561	2,198,092	(1,623)			(1,623)		2,196,469				3,352	10/18/2024	1.A FE
..43815E-AB-0	HAROT 2021-3 A2 - ABS		04/18/2023	Paydown		41,012	41,012	41,008	41,012	1			1		41,012				27	02/20/2024	1.A FE
..43815E-AC-8	HAROT 2021-3 A3 - ABS		06/18/2023	Paydown		346,732	346,732	346,727	346,730	2			2		346,732				603	11/18/2025	1.A FE
..43815P-AB-5	HAROT 2022-2 A2 - ABS		06/18/2023	Paydown		284,413	284,413	284,400	284,404	9			9		284,413				4,676	03/18/2025	1.A FE
..44267D-AD-9	HOWARD HUGHES CORP		04/18/2023	FORT WASHINGTON		80,400	89,000	79,415		141			141		79,556		844	844	1,038	08/01/2028	3.C FE
..44933F-AC-0	HART 2020-B A3 - ABS		06/15/2023	Paydown		122,647	122,647	123,015	122,759	(113)			(113)		122,647				243	12/16/2024	1.G FE
..45082#-AA-0	IBERIA LINEAS AEREAS DE ESPANA - ABS	C	06/20/2023	Paydown		135,054	135,054	135,054	135,054						135,054				1,307	05/20/2033	1.F PL
..46361T-AC-6	ICOT 2013-IRV A2 - CMBS		05/17/2023	Paydown		10,000,000	10,000,000	10,192,710	10,002,559	(2,559)			(2,559)		10,000,000				133,101	05/15/2048	1.A

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STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in 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	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
..62927#-AN-6	NFL VENTURES - ABS		04/15/2023	Paydown		408,013	408,013	408,013	408,013						408,013				8,181	04/15/2035	1.E FE
..629377-CE-0	NRG ENERGY INC		04/13/2023	FORT WASHINGTON		286,088	294,000	276,990			401		401		277,391		8,697	8,697	4,176	01/15/2028	3.B FE
..629377-CT-7	NRG ENERGY INC		04/11/2023	FORT WASHINGTON		219,440	211,000	208,360			18		18		208,379		11,061	11,061	1,395	03/15/2033	2.C FE
..63935B-AA-1	NAVSL 2020-H A - ABS		06/15/2023	Paydown		64,542	64,542	64,536	64,536		6		6		64,542				207	01/15/2069	1.A FE
..63938C-AH-1	NAVIENT CORP		04/21/2023	FORT WASHINGTON		124,533	127,000	121,920	122,430		511		511		122,940		1,592	1,592	2,756	06/25/2025	3.C FE
..63942G-AA-1	NAVSL 2021-F A - ABS		06/15/2023	Paydown		51,670	51,670	51,660	51,661		9		9		51,670				140	02/18/2070	1.A FE
..63942J-AA-5	NAVSL 21C A - ABS		06/15/2023	Paydown		33,655	33,655	33,648	33,648		8		8		33,655				88	10/15/2069	1.A FE
..63942L-AA-0	NAVSL 21B A - ABS		06/15/2023	Paydown		72,448	72,448	72,446	72,444		4		4		72,448				169	07/15/2069	1.A FE
..63942M-AA-8	NAVSL 2022-A A - ABS		06/15/2023	Paydown		48,205	48,205	48,204	48,204		1		1		48,205				446	07/15/2070	1.A FE
..644274-AH-5	NEW ENTERPRISE STONE & LIME CO INC		04/06/2023	FORT WASHINGTON		97,750	110,000	110,000	110,000						110,000		(12,250)	(12,250)	4,236	07/15/2028	4.B FE
..65479J-AD-5	NAROT 2019-C A3 - ABS		04/17/2023	Paydown		22,339	22,339	22,339	22,414		(76)		(76)		22,339				144	07/15/2024	1.A FE
..65479K-AE-0	NAROT 2019-A A4 - ABS		05/15/2023	Paydown		199,442	199,442	210,262	200,612		(1,170)		(1,170)		199,442				2,170	09/15/2025	1.A FE
..65479M-AC-0	NAROT 2020-A A3 - ABS		06/15/2023	Paydown		297,626	297,626	300,765	299,048		(1,421)		(1,421)		297,626				1,702	12/16/2024	1.A FE
..65480J-AB-6	NEW ENTERPRISE STONE & LIME CO INC		06/15/2023	Paydown		134,020	134,020	134,015	134,016		4		4		134,020				2,886	08/16/2025	1.A FE
..67777L-AD-5	OI EUROPEAN GROUP BV		05/03/2023	FORT WASHINGTON		112,853	123,000	123,000	123,000						123,000		(10,148)	(10,148)	4,220	02/15/2030	3.C FE
..68245X-AJ-8	1011778 BC UNLIMITED LIABILITY CO		06/07/2023	FORT WASHINGTON		36,929	40,000	40,000	40,000						40,000		(3,071)	(3,071)	992	01/15/2028	4.B FE
..68245X-AM-1	1011778 BC UNLIMITED LIABILITY CO		06/15/2023	FORT WASHINGTON		283,049	331,000	331,000	331,000						331,000		(47,952)	(47,952)	8,962	10/15/2030	4.B FE
..68245X-AP-4	1011778 BC UNLIMITED LIABILITY CO		06/13/2023	FORT WASHINGTON		161,040	183,000	183,000	183,000						183,000		(21,960)	(21,960)	5,329	02/15/2029	3.B FE
..69073T-AT-0	OIENS-BROOKWAY GLASS CONTAINER INC		04/26/2023	FORT WASHINGTON		430,461	431,000	420,753	420,982		630		630		421,612		8,849	8,849	12,929	05/13/2027	4.B FE
..69073T-AU-7	OIENS-BROOKWAY GLASS CONTAINER INC		06/08/2023	FORT WASHINGTON		137,700	135,000	135,000	135,000						135,000		2,700	2,700	462	05/15/2031	4.B FE
..69121K-AA-2	OIL ROCK CAPITAL CORP		05/02/2023	DEUTSCHE BANK		2,548,000	2,600,000	2,578,654	2,594,082		1,500		1,500		2,595,582		(47,582)	(47,582)	75,075	04/15/2029	2.C FE
..69327R-AG-6	PDC ENERGY INC		05/16/2023	FORT WASHINGTON		157,809	159,000	160,182	159,000						159,000		(1,191)	(1,191)	6,574	09/15/2024	3.C FE
..69359Y-AJ-6	PMTLT 2021-INW1 A9 - CMO/RMBS		06/01/2023	Paydown		66,787	66,787	68,040	67,951		(1,164)		(1,164)		66,787				670	07/25/2051	1.A
..69371V-AM-9	PSMC 2018-1 A12 - CMO/RMBS		06/01/2023	Paydown		242	242	233	240		2		2		242				4	02/25/2048	1.A
..70052L-AB-9	PARK INTERMEDIATE HOLDINGS LLC		06/01/2023	FORT WASHINGTON		345,595	376,000	348,740			1,364		1,364		350,104		(4,509)	(4,509)	14,632	10/01/2028	4.A FE
..719245-AD-4	SHUTTERFLY LLC		05/25/2023	FORT WASHINGTON		106,015	182,000	171,755	175,736		581		581		176,317		(70,302)	(70,302)	10,270	10/01/2026	6. FE
..720198-AC-4	PIEDMONT OPERATING PARTNERSHIP LP		06/01/2023	Maturity @ 100.00		7,000,000	7,000,000	6,901,920	6,992,587		7,413		7,413		7,000,000				119,000	06/01/2023	2.B FE
..74332Y-AA-7	PROG 22SFRS A - RMBS		04/17/2023	Paydown		1,744	1,744	1,727	1,728		16		16		1,744				26	06/17/2039	1.A FE
..74333H-AA-3	PROG 2021-SFR6 A - RMBS		06/01/2023	Paydown		1,997	1,997	1,783	1,788		210		210		1,997				15	07/19/2038	1.A FE
..74338*-AA-6	AMAZON.COM INC - ABS		06/15/2023	Paydown		174,144	174,144	174,144	174,144						174,144				2,928	11/15/2039	1.D
..74352*-AA-7	AMAZON.COM INC - ABS		06/10/2023	Paydown		30,947	30,947	30,947	30,947						30,947				429	11/10/2040	1.E
..74434U-CQ-5	PRUDENTIAL HOME MORTGAGE SECURITIES		06/01/2023	Paydown		10	10	9	9						10					04/28/2024	1.A FM
..74434U-CR-3	PRUDENTIAL HOME MORTGAGE SECURITIES		06/01/2023	Paydown		34	33	28	32		2		2		34				1	04/28/2024	1.A FM
..746246-AA-5	PUREW 221 A1 - ABS		06/05/2023	Paydown		2,131,923	2,131,922	2,131,922	2,131,922		1		1		2,131,923				51,358	12/05/2037	1.G FE
..75049S-AB-9	RMIR 191 M1B - CMO/RMBS		05/23/2023	TENDER		1,561,252	1,548,431	1,548,431	1,548,431						1,548,431				54,398	02/25/2029	1.G FE
..780153-AZ-5	ROYAL CARIBBEAN CRUISES LTD		05/11/2023	FORT WASHINGTON		141,852	134,000	129,980	131,763		310		310		132,072		9,780	9,780	12,842	06/01/2025	3.C FE
..78391Y-BF-4	RYMAN HEALTHCARE LTD - ABS		04/01/2023	Call @ 100.00															30,649	04/28/2034	2.C
..78471C-AB-5	SOFI 2017-D 2FX - ABS		06/25/2023	Paydown		22,329	22,329	22,646	22,629		(301)		(301)		22,329				143	09/25/2040	1.A FE
..78471H-AB-4	SOFI 2019-A A2X - ABS		06/15/2023	Paydown		73,949	73,949	73,939	73,942		7		7		73,949				1,111	06/15/2048	1.A FE
..802830-AN-9	SCART 2020-B B - ABS		06/15/2023	Paydown		42,841	42,841	41,295	41,520		1,320		1,320		42,841				161	12/15/2025	1.A FE
..80285W-AF-4	SDART 2020-3 C - ABS		06/15/2023	Paydown		431,286	431,286	434,503	431,808		(783)		(783)		431,286				2,263	01/15/2026	1.A FE
..80290C-AE-4	SBCLN 2021-1 B - ABS		06/15/2023	Paydown		127,417	127,417	127,417	127,417						127,417				579	12/15/2031	2.B FE
..80290C-BD-5	SBCLN 22B A2 - ABS		06/15/2023	Paydown		358,407	358,407	358,407	358,407						358,407				8,290	08/16/2032	1.A FE
..81211K-AY-6	SEALED AIR CORP		05/11/2023	FORT WASHINGTON		143,941	154,000	154,000	154,000						154,000		(10,059)	(10,059)	2,716	12/01/2027	3.B FE
..81725W-AK-9	SENSATA TECHNOLOGIES BV		06/30/2023	FORT WASHINGTON		251,870	283,000	283,000	283,000						283,000		(31,130)	(31,130)	8,176	04/15/2029	3.C FE
..81744Y-AH-9	SEMT 2013-4 B3 - CMO/RMBS		06/01/2023	Paydown		34,038	34,038	34,758	34,700		(662)		(662)		34,038				463	04/27/2043	1.A
..81745A-AG-2	SEMT 2013-5 B3 - CMO/RMBS		06/01/2023	Paydown		28,734	28,734	29,324	29,277		(543)		(543)		28,734				191	05/25/2043	1.A

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STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21	22
										11	12	13	14	15							
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in 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	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
..81746L-CB-6	SEMT 2015-3 B1 - CMO/RMBS		06/01/2023	Paydown		10,577	10,577	10,838	10,697		(121)		(121)		10,577				156	07/25/2045	1.A
..81746M-CC-2	SEMT 2015-4 B2 - CMO/RMBS		06/01/2023	Paydown		50,444	50,444	49,624	49,996		448		448		50,444				598	11/25/2030	1.A
..81746T-CD-5	SEMT 2017-1 B3 - CMO/RMBS		06/01/2023	Paydown		18,604	18,604	19,279	19,227		(623)		(623)		18,604				111	02/25/2047	1.A
..82280R-CE-7	SCOT 2017-1 B4 - CMO/RMBS		06/01/2023	Paydown		1,670	1,670	1,708	1,698		(28)		(28)		1,670				10	04/25/2047	2.C FE
..82436@-AA-8	SHERWIN-WILLIAMS CO/THE - ABS		06/15/2023	Paydown		87,301	87,301	87,301	87,301						87,301				1,834	06/15/2038	2.B
..82967N-BL-1	SIRIUS XM RADIO INC		06/28/2023	FORT WASHINGTON		706,778	791,000	698,867			5,385		5,385		704,252		2,526	2,526	9,499	09/01/2026	3.C FE
..830867-AA-5	SKYMILES IP LTD		04/18/2023	Call @ 100.00		166,000	166,000	166,000	166,000						166,000				2,206	10/20/2025	2.B FE
..83390U-AF-4	SOFI 2020-C AFX - ABS		06/15/2023	Paydown		24,636	24,636	24,632	24,631		5		5		24,636				118	02/15/2046	1.A FE
..83401B-AB-2	SOFI 2017-F A2F - ABS		06/25/2023	Paydown		68,014	68,014	68,202	68,104		(90)		(90)		68,014				809	01/25/2041	1.A FE
..83404W-AB-3	SOFI 2019-B A2X - ABS		06/15/2023	Paydown		117,989	117,989	117,982	117,984		5		5		117,989				1,493	08/17/2048	1.A FE
..83405N-AA-4	SOFI 21B AFX - ABS		06/15/2023	Paydown		191,470	191,470	191,446	191,447		23		23		191,470				893	02/15/2047	1.A FE
..83406T-AB-8	SOFI 2020-A A2X - ABS		06/15/2023	Paydown		111,269	111,269	111,215	111,231		37		37		111,269				928	05/15/2046	1.A FE
..83545G-BD-3	SONIC AUTOMOTIVE INC		05/03/2023	FORT WASHINGTON		144,822	175,000	175,000	175,000						175,000		(30,178)	(30,178)	3,822	11/15/2029	3.C FE
..84858@-AA-3	SPIRIT AIRLINES INC - ABS		04/01/2023	Various		5,533,333	5,533,333	5,533,333	5,533,389		(56)		(56)		5,533,333				136,397	04/01/2023	3.B PL
..85207U-AK-1	SPRINT LLC		06/06/2023	FORT WASHINGTON		96,012	92,000	92,000	92,000						92,000		4,012	4,012	5,490	03/01/2026	2.B FE
..86359A-K4-4	SASC 2003-25XS A6 - RMBS		06/01/2023	Paydown		2,146	2,146	2,145	1,328		818		818		2,146				25	08/25/2033	1.A FM
..87164K-AH-7	SYNGENTA FINANCE NV	C	04/24/2023	Maturity @ 100.00		500,000	500,000	500,000	500,000						500,000				11,103	04/24/2023	2.B FE
..87901J-AH-8	TEGNA INC		05/26/2023	FORT WASHINGTON		319,000	315,625	315,625	315,662		160		160		316,022		(41,290)	(41,290)	10,795	09/15/2029	3.B FE
..87927V-AF-5	TELECOM ITALIA CAPITAL SA	C	05/17/2023	FORT WASHINGTON		117,705	133,000	149,984	146,106		(346)		(346)		145,760		(28,055)	(28,055)	4,334	11/15/2033	4.A FE
..87927V-AM-0	TELECOM ITALIA CAPITAL SA	C	05/22/2023	FORT WASHINGTON		93,656	111,000	117,600	116,275		(128)		(128)		116,147		(22,491)	(22,491)	4,329	09/30/2034	4.A FE
..88023U-AJ-0	TEMPUR SEALY INTERNATIONAL INC		06/13/2023	FORT WASHINGTON		194,205	242,000	243,322	243,184		(51)		(51)		243,133		(48,928)	(48,928)	6,219	10/15/2031	3.A FE
..88089J-A*-8	TERRA ABS I LLC - ABS		06/20/2023	Paydown		1,966,710	1,966,710	1,966,710	1,966,710						1,966,710				74,846	12/20/2042	1.G PL
..88104L-AE-3	TERRAFORM POWER OPERATING LLC		04/24/2023	FORT WASHINGTON		142,294	148,000	150,940	150,268		(143)		(143)		150,125		(7,832)	(7,832)	5,455	01/31/2028	3.C FE
..88307*-AA-3	TEXOMA WIND LLC - ABS		06/30/2023	Paydown		340,780	340,780	340,780	340,744		36		36		340,780				14,040	06/30/2034	2.C PL
..89175T-AA-6	TPMT 2018-4 A1 - CMO/RMBS		06/01/2023	Paydown		27,737	27,737	27,074	27,289		448		448		27,737				329	06/25/2058	1.A
..89232H-AC-9	TAOT 2020-A A3 - ABS		06/15/2023	Paydown		38,705	38,705	39,561	38,811		(106)		(106)		38,705				242	05/15/2024	1.A FE
..89236X-AC-0	TAOT 2020-D A3 - ABS		06/15/2023	Paydown		507,943	507,943	508,629	508,107		(164)		(164)		507,943				736	01/15/2025	1.A FE
..89238E-AC-0	TLOT 2021-A A3 - ABS		06/20/2023	Paydown		688,346	688,346	689,556	661,173		27,173		27,173		688,346				1,113	04/22/2024	1.A FE
..89238J-AB-1	TAOT 2021-D A2 - ABS		06/15/2023	Paydown		167,635	167,635	167,314	167,547		89		89		167,635				216	08/15/2024	1.A FE
..89239C-AC-3	TLOT 21B A3 - ABS		06/20/2023	Paydown		2,328,502	2,328,502	2,319,770	2,325,718		2,785		2,785		2,328,502				4,091	10/21/2024	1.A FE
..893647-BE-6	TRANSDIGM INC		04/21/2023	FORT WASHINGTON		177,000	177,000	189,805	180,247		(819)		(819)		179,427		(2,427)	(2,427)	6,760	03/15/2026	4.A FE
..893647-BK-2	TRANSDIGM INC		04/08/2023	Call @ 100.00		47,940	47,000	47,000	47,000						47,000				2,893	12/15/2025	4.A FE
..893830-BX-6	TRANSOCEAN INC	C	04/18/2023	FORT WASHINGTON		42,850	42,000	42,000	42,000						42,000		850	850		02/15/2030	4.C FE
..90327Q-D4-8	USAA CAPITAL CORP		05/01/2023	Maturity @ 100.00		1,250,000	1,250,000	1,248,450	1,249,912		173		173		1,250,000				9,375	05/01/2023	1.B FE
..90345K-AA-8	AMERICAN AIRLINES 2010-1 PASS THROUGH		04/22/2023	Maturity @ 100.00		2,060,551	2,060,551	2,060,551	2,060,591		(40)		(40)		2,060,551				64,392	10/22/2024	3.B FE
..90346W-AA-1	AMERICAN AIRLINES 2013-1 PASS THROUGH		05/15/2023	Paydown		40,590	40,590	37,518	20,155		3,066		3,066		40,590				802	05/15/2027	3.A FE
..90367U-AA-9	US ACUTE CARE SOLUTIONS LLC		05/17/2023	FORT WASHINGTON		87,465	102,000	103,530	103,217		(134)		(134)		103,083		(15,618)	(15,618)	4,660	03/01/2026	4.C FE
..90932D-AA-3	UNITED AIRLINES 2016-2 PASS THROUGH		04/07/2023	Paydown		462,542	462,542	463,467	463,081		(539)		(539)		462,542				7,169	04/07/2030	2.C FE
..90932E-AA-1	UNITED AIRLINES 2016-2 PASS THROUGH		04/07/2023	Paydown		54,712	54,712	47,076	47,076		7,636		7,636		54,712				786	04/07/2030	1.G FE
..90932K-AA-7	UNITED AIRLINES 2019-2 PASS THROUGH		05/01/2023	Paydown		100,835	100,835	101,061	100,973		(138)		(138)		100,835				1,765	11/01/2029	3.B FE
..90932V-AA-3	UNITED AIRLINES PASS THROUGH		04/15/2023	Paydown		142,450	142,450	142,450	142,450						142,450				3,472	07/15/2025	2.B FE
..911312-BX-3	UNITED PARCEL SERVICE INC		05/05/2023	GOLDMAN SACHS		6,941,830	7,000,000	6,992,650	6,996,740		490		490		6,997,230		(55,400)	(55,400)	165,317	04/01/2027	1.F FE
..913017-CY-3	RAYTHEON TECHNOLOGIES CORP		05/11/2023	WELLS FARGO		4,451,265	4,500,000	4,498,380	4,498,982		56		56		4,499,038		(47,773)	(47,773)	90,750	11/16/2028	2.A FE
..91845@-AA-2	VERIZON COMMUNICATIONS INC - ABS		06/15/2023	Paydown		48,581	48,581	48,581	48,581						48,581				774	05/15/2035	2.A
..92838@-AA-1	VISTA RIDGE LLC - ABS		06/30/2023	Paydown		57,665	57,665	57,665	57,665						57,665				1,102	10/14/2049	1.F PL
..92890F-AV-8	WFBBS 2014-C20 ASB - CMB		06/01/2023	Paydown		14,967	14,967	16,202	15,104		(137)		(137)		14,967				227	05/17/2047	1.A

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STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21	22	
										11	12	13	14	15								
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in 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	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	
..92938C-AD-9	WFRBS 2013-C15 A4 - CMBS		06/01/2023	Paydown		8,303,941	8,303,941	8,552,420	8,307,050		(3,109)		(3,109)		8,303,941				143,488	08/17/2046	1.A	
..92939H-AZ-8	WFRBS 2014-C23 ASB - CMBS		06/01/2023	Paydown		32,208	32,208	34,999	32,560		(352)		(352)		32,208				474	10/17/2057	1.A	
..92966*-AA-7	WABASH VALLEY POWER ASSOCIATIO - ABS		04/30/2023	Paydown		187,582	187,582	187,841	187,588		(6)		(6)		187,582				4,765	04/30/2024	1.F	
..93141*-AA-3	WALGREENS BOOTS ALLIANCE INC - ABS		06/15/2023	Paydown		43,379	43,379	43,379	43,379						43,379				1,002	11/15/2035	2.B	
..94989J-BA-3	WFCM 2015-C28 ASB - CMBS		06/01/2023	Paydown		48,763	48,763	51,491	49,220		(457)		(457)		48,763				672	05/15/2048	1.A	
..94989T-BA-1	WFCM 2015-LC22 ASB - CMBS		06/01/2023	Paydown		76,011	76,011	81,433	77,003		(992)		(992)		76,011				1,101	09/17/2058	1.A	
..94989U-AE-1	WFMS 2018-1 A5 - CMO/RMBS		06/01/2023	Paydown		4,379	4,379	3,992	4,153		226		226		4,379				64	07/25/2047	1.A	
..95001N-AX-6	WFCM 2018-C45 A3 - CMBS		06/01/2023	Paydown		87,074	87,074	80,975	81,064		6,010		6,010		87,074				1,707	06/15/2051	1.A	
..957638-AD-1	WESTERN ALLIANCE BANCORP		05/03/2023	Various		3,300,000	5,000,000	5,000,000	5,000,000					5,000,000		(1,700,000)	(1,700,000)		58,333	06/15/2031	3.A FE	
..96928*-CJ-4	WALGREENS BOOTS ALLIANCE INC - ABS		06/15/2023	Paydown		112,498	112,498	112,498	112,498						112,498				2,941	07/15/2026	2.B	
..97651L-CD-1	WIN 154 B3 - CMO/RMBS		06/01/2023	Paydown		16,384	16,384	17,069	16,999		(615)		(615)		16,384				251	06/20/2045	1.A	
..97652T-BE-2	WIN 2015-1 B4 - CMO/RMBS		06/01/2023	Paydown		6,066	6,066	6,230	6,208						6,066				75	01/20/2045	1.A	
..98162V-AG-4	WOART 2019-B C - ABS		05/15/2023	Paydown		1,275,000	1,275,000	1,264,641	1,266,210		8,790		8,790		1,275,000				16,097	01/15/2026	1.A FE	
..98163B-AE-2	WOSAT 2019-A C - ABS		06/15/2023	Paydown		533,699	533,699	524,692	531,692		9,006		9,006		533,699				3,925	12/15/2025	1.A FE	
..98163D-AE-8	WOSAT 2020-A B - ABS		06/15/2023	Paydown		318,634	318,634	308,676	311,464		7,170		7,170		318,634				1,338	06/15/2026	1.A FE	
..98163H-AC-3	WOSAT 2021-A A3 - ABS		06/15/2023	Paydown		150,733	150,733	144,492	145,152		5,581		5,581		150,733				331	03/15/2027	1.A FE	
..98163J-AC-9	WOLS 2021-A A3 - ABS		06/15/2023	Paydown		405,879	405,879	392,228	397,025		8,854		8,854		405,879				719	08/15/2024	1.A FE	
..98163M-AD-0	WOART 2020-A A3 - ABS		06/15/2023	Paydown		233,960	233,960	236,811	234,729		(769)		(769)		233,960				1,068	04/15/2025	1.A FE	
..98163T-AB-9	WOART 2022-C A2 - ABS		06/15/2023	Paydown		304,897	304,897	304,866	304,875		22		22		304,897				4,725	03/16/2026	1.A FE	
..98163W-AC-0	WOART 2020-B A3 - ABS		06/15/2023	Paydown		111,252	111,252	111,856	111,459		(206)		(206)		111,252				290	05/15/2025	1.A FE	
..P4368#-AA-5	FORTIS TCI LIMITED - ABS	C	06/18/2023	Paydown		500,000	500,000	500,000	500,000						500,000				11,875	12/18/2029	2.C	
..Q3974*-AA-6	GIP CAPRICORN FINCO PTY LTD - ABS	C	04/01/2023	Call @ 100.00		10,154	10,154	10,154	10,154						10,154				158	12/31/2034	2.B PL	
1109999999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)						305,945,205	311,273,888	312,388,031	306,796,382		(66,866)		(66,866)		310,992,231		(5,031,297)	(5,031,297)	6,889,987	XXX	XXX	
..125896-BU-3	OMS ENERGY CORP		05/03/2023	FORT WASHINGTON		59,114	67,000	56,506	56,521		53		53		56,575		2,539	2,539	1,361	06/01/2050	2.C FE	
..23311R-AH-9	DCP MIDSTREAM OPERATING LP		05/22/2023	Call @ 100.00		679,000	679,000	655,966	656,306		222		222		656,528		22,472	22,472	19,861	05/21/2043	3.A FE	
1309999999. Subtotal - Bonds - Hybrid Securities						738,114	746,000	712,472	712,828		275		275		713,103		25,012	25,012	21,222	XXX	XXX	
2509999997. Total - Bonds - Part 4						557,316,415	564,315,492	567,256,090	422,545,832		(577,834)		(577,834)		562,755,904		(5,445,204)	(5,445,204)	10,367,907	XXX	XXX	
2509999998. Total - Bonds - Part 5						XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
2509999999. Total - Bonds						557,316,415	564,315,492	567,256,090	422,545,832		(577,834)		(577,834)		562,755,904		(5,445,204)	(5,445,204)	10,367,907	XXX	XXX	
4509999997. Total - Preferred Stocks - Part 4							XXX													XXX	XXX	
4509999998. Total - Preferred Stocks - Part 5						XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
4509999999. Total - Preferred Stocks							XXX													XXX	XXX	
..00724F-10-1	ADOBE ORD		06/23/2023	Various		266,000	114,325	119,461	89,517		29,944		29,944		119,461		(5,136)	(5,136)				
..03750L-10-9	APARTMENT INCOME REIT ORD		06/21/2023	Various		4,031,000	147,238	168,487	138,304		30,183		30,183		168,487		(21,249)	(21,249)	3,628			
..037833-10-0	APPLE ORD		06/23/2023	Various		907,000	157,109	25,382	117,847		(92,465)		(92,465)		25,382		131,727	131,727	371			
..071813-10-9	BAXTER INTERNATIONAL ORD		04/27/2023	GOLDMAN SACHS		1,300,000	60,347	51,926						51,926		8,421	8,421	377				
..103304-10-1	BOYD GAMING ORD		05/16/2023	Various		445,000	30,065	23,085	24,266		(1,181)		(1,181)		23,085		6,979	6,979	245			
..11135F-10-1	BROADCOM ORD		05/30/2023	Various		700,000	565,484	275,110	391,391		(116,281)		(116,281)		275,110		290,374	290,374	3,220			
..253868-10-3	DIGITAL REALTY REIT ORD		06/28/2023	Various		4,732,000	491,509	732,647	474,478		258,169		258,169		732,647		(241,138)	(241,138)	14,014			
..285512-10-9	ELECTRONIC ARTS ORD		06/21/2023	Various		916,000	114,464	75,903	111,917		(36,014)		(36,014)		75,903		38,561	38,561	299			
..30225T-10-2	EXTRA SPACE STORAGE REIT ORD		04/25/2023	Various		1,861,000	284,275	286,340						286,340		(2,065)	(2,065)	564				
..437076-10-2	HOME DEPOT ORD		05/23/2023	GOLDMAN SACHS		43,000	12,762	2,680	13,582		(10,902)		(10,902)		2,680		10,082	10,082	90			
..44107P-10-4	HOST HOTELS & RESORTS REIT ORD		05/16/2023	JP MORGAN		34,062,000	583,137	482,922	546,695		(63,773)		(63,773)		482,922		100,215	100,215	14,987			
..46187W-10-7	INVITATION HOMES ORD		05/16/2023	Various		5,470,000	182,400	218,789	162,131		56,658		56,658		218,789		(36,389)	(36,389)	2,844			
..59156R-10-8	METLIFE ORD		05/10/2023	Various		16,800,000	906,840	1,213,546						1,213,546		(306,706)	(306,706)	4,425				
..620076-30-7	MOTOROLA SOLUTIONS ORD		06/26/2023	Various		617,000	177,762	98,074	159,007		(60,933)		(60,933)		98,074		79,688	79,688	1,134			

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STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE D - PART 4

Show All Long-Term Bonds and Stock Sold, Redeemed or Otherwise Disposed of During the Current Quarter

1	2	3	4	5	6	7	8	9	10	Change In Book/Adjusted Carrying Value					16	17	18	19	20	21	22			
										11	12	13	14	15										
CUSIP Identification	Description	Foreign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consideration	Par Value	Actual Cost	Prior Year Book/Adjusted Carrying Value	Unrealized Valuation Increase/(Decrease)	Current Year's (Amortization)/Accretion	Current Year's Other Than Temporary Impairment Recognized	Total Change in 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	NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol			
..67066G-10-4	NVIDIA ORD		05/30/2023	Various	890,000	276,073		37,195	130,065	(92,870)			(92,870)		37,195		238,878	238,878			36			
..68389X-10-5	ORACLE ORD		06/21/2023	Various	2,500,000	281,584		220,797							220,797		60,787	60,787			1,000			
..74340W-10-3	PROLOGIS REIT		06/12/2023	Various	1,438,000	173,692		173,735	162,106	11,629			11,629		173,735		(43)	(43)			1,251			
..74460D-10-9	PUBLIC STORAGE REIT ORD		06/09/2023	Various	6,827,000	2,031,908		1,853,033	1,912,857	(59,824)			(59,824)		1,853,033		178,875	178,875			20,481			
..78410G-10-4	SBA COMMUNICATIONS CL A REIT ORD		06/21/2023	Various	977,000	222,193		312,713	231,816	34,722			34,722		312,713		(90,520)	(90,520)			1,661			
..82981J-10-9	SITE CENTERS ORD		04/21/2023	Various	1,802,000	21,515		23,976	24,615	(639)			(639)		23,976		(2,461)	(2,461)			3,939			
..87043Q-10-8	SWEETGREEN CL A ORD		06/29/2023	BANK OF AMERICA ML	9,399,000	116,888		100,757							100,757		16,130	16,130						
..902653-10-4	UDR REIT ORD		06/20/2023	Various	8,553,000	365,743		382,668	331,258	51,410			51,410		382,668		(16,925)	(16,925)			6,842			
..907818-10-8	UNION PACIFIC ORD		05/17/2023	Various	212,000	42,075		13,163	43,899	(30,736)			(30,736)		13,163		28,912	28,912			276			
..95040Q-10-4	WELLTOWER ORD		06/21/2023	Various	7,232,000	571,648		599,877	474,058	125,819			125,819		599,877		(28,229)	(28,229)			6,836			
..D2035M-13-6	DEUTSCHE TELEKOM N ORD	B.....	04/06/2023	Return of Capital	0,000	59,650		61,292	61,292						61,292	(1,642)		(1,642)						
..D66992-10-4	SAP ORD	B.....	04/27/2023	JP MORGAN	726,000	97,025		64,012	74,892	(6,117)			(6,117)	(4,762)	64,012	9,380	23,633	33,013						
..F2924U-10-6	EIFFAGE ORD	B.....	04/27/2023	Various	2,221,000	259,637		241,543	218,486	(1,413)			(1,413)	24,470	241,543	(20,743)	38,837	18,094						
..F9686M-10-7	VEOLIA ENVIRONNEMENT VE ORD	B.....	04/27/2023	JEFFERIES INTL LTD	3,398,000	107,306		85,412	87,277	(658)			(658)	(1,207)	85,412	4,458	17,436	21,894						
..G4232K-10-0	HALEON ORD	B.....	06/16/2023	Various	173,346,000	714,216		653,878	686,442	(52,733)			(52,733)	20,169	653,878	15,215	45,123	60,338			5,195			
..H00392-31-8	ADECO N ORD	B.....	04/18/2023	Return of Capital	0,000	10,629		10,157	10,157						10,157	471		471						
..J20454-11-2	HITACHI ORD	B.....	05/25/2023	CITIGROUP	3,500,000	199,119		115,915	178,617	(84,291)			(84,291)	21,589	115,915	(63,156)	146,360	83,204			1,930			
..J35759-12-5	KOMATSU ORD	B.....	04/28/2023	CITIGROUP	28,400,000	695,374		505,995	622,976	(209,377)			(209,377)	92,396	505,995	(175,596)	364,974	189,379			12,604			
..N3167Y-10-3	FERRARI ORD	C.....	06/23/2023	CIBC WORLD MARKETS	312,000	95,924		67,245	45,843	(4,370)			(4,370)		67,245		28,679	28,679			457			
501999999. Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Publicly Traded					10,169,914	XXX		9,297,716	7,525,789	(326,041)			(326,041)	152,654	9,297,716	(231,614)	1,103,812	872,198			108,706	XXX	XXX	
..3134#1-00-1	FHLB Des Moines - Activity Stock		06/30/2023	Direct	20,000,000	2,000,000		2,000,000	2,000,000						2,000,000						39,206			
502999999. Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Other					2,000,000	XXX		2,000,000	2,000,000						2,000,000						39,206	XXX	XXX	
..46138E-35-4	INVESCO S&P500 LOWVL		05/23/2023	INSTINET CORP	465,021,000	28,749,647		25,609,966	29,714,842	(4,104,876)			(4,104,876)		25,609,966		3,139,681	3,139,681			277,683			
..46429B-68-9	ISHARES-MSCI MV EAFE MVF		05/24/2023	Various	55,933,000	3,853,570		3,478,464	3,566,500	(78,036)			(78,036)		3,478,464		375,106	375,106						
..808524-79-7	SCHWAB STR:US DIV EQ ETF		05/23/2023	INSTINET CORP	331,000,000	23,451,990		23,947,924	25,003,740	(1,055,816)			(1,055,816)		23,947,924		(495,934)	(495,934)			197,442			
581999999. Subtotal - Common Stocks - Exchange Traded Funds					56,055,206	XXX		53,036,354	58,275,082	(5,238,728)			(5,238,728)		53,036,354		3,018,853	3,018,853			475,124	XXX	XXX	
598999999. Total - Common Stocks - Part 4					68,225,121	XXX		64,334,070	67,800,871	(5,564,769)			(5,564,769)	152,654	64,334,070	(231,614)	4,122,665	3,891,051	623,035			623,035	XXX	XXX
598999999. Total - Common Stocks - Part 5					XXX	XXX		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			XXX	XXX	
598999999. Total - Common Stocks					68,225,121	XXX		64,334,070	67,800,871	(5,564,769)			(5,564,769)	152,654	64,334,070	(231,614)	4,122,665	3,891,051	623,035			623,035	XXX	XXX
599999999. Total - Preferred and Common Stocks					68,225,121	XXX		64,334,070	67,800,871	(5,564,769)			(5,564,769)	152,654	64,334,070	(231,614)	4,122,665	3,891,051	623,035			623,035	XXX	XXX
600999999 - Totals					625,541,536	XXX		631,590,159	490,346,703	(5,564,769)	(577,834)			(6,142,603)	152,654	627,089,974	(231,614)	(1,322,540)	(1,554,153)			10,990,942	XXX	XXX

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STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE DB - PART A - SECTION 1

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23														
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)														
007999999. Subtotal - Purchased Options - Hedging Effective Excluding Variable Annuity Guarantees Under SSAP No.108														XXX																			XXX	XXX		
014999999. Subtotal - Purchased Options - Hedging Effective Variable Annuity Guarantees Under SSAP No.108														XXX																						
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	01/19/2023	01/18/2024	165,000	16,500,000	100.000		1,041,150		1,481,582	XXX	1,481,582	440,432							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	01/19/2023	01/18/2024	1,190,000	119,000,000	100.000		7,568,400		10,685,347	XXX	10,685,347	3,116,947							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	02/16/2023	02/15/2024	150,000	15,000,000	100.000		920,250		1,108,951	XXX	1,108,951	188,701							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	02/16/2023	02/15/2024	1,110,000	111,000,000	100.000		6,911,970		8,206,236	XXX	8,206,236	1,294,266							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	03/16/2023	03/14/2024	980,000	98,000,000	100.000		7,967,400		9,877,279	XXX	9,877,279	1,909,879							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	03/16/2023	03/14/2024	125,000	12,500,000	100.000		1,020,625		1,259,857	XXX	1,259,857	239,232							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	04/20/2023	04/18/2024	1,110,000	111,000,000	100.000		6,954,150		8,974,162	XXX	8,974,162	2,020,012							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	04/20/2023	04/18/2024	200,000	20,000,000	100.000		1,237,000		1,616,966	XXX	1,616,966	379,966							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	05/18/2023	05/16/2024	1,060,000	106,000,000	100.000		6,439,500		8,716,341	XXX	8,716,341	2,276,841							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	05/18/2023	05/16/2024	175,000	17,500,000	100.000		1,054,375		1,439,019	XXX	1,439,019	384,644							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	06/15/2023	06/20/2024	210,000	21,000,000	100.000		1,255,800		1,432,395	XXX	1,432,395	176,595							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	06/15/2023	06/20/2024	1,010,000	101,000,000	100.000		6,150,900		6,889,140	XXX	6,889,140	738,240							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	07/14/2022	07/20/2023	880,000	88,000,000	100.000		5,922,400		10,432,369	XXX	10,432,369	4,749,540							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	07/14/2022	07/20/2023	165,000	16,500,000	100.000		1,082,400		1,956,069	XXX	1,956,069	890,539							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	08/18/2022	08/17/2023	1,060,000	106,000,000	100.000		6,570,940		3,559,136	XXX	3,559,136	941,449							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	08/18/2022	08/17/2023	205,000	20,500,000	100.000		1,251,525		688,323	XXX	688,323	182,073							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	09/15/2022	09/14/2023	145,000	14,500,000	100.000		983,100		1,533,045	XXX	1,533,045	614,362							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	09/15/2022	09/14/2023	1,070,000	107,000,000	100.000		7,383,000		11,312,817	XXX	11,312,817	4,533,565							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	10/20/2022	10/19/2023	1,530,000	153,000,000	100.000		11,299,050		25,152,680	XXX	25,152,680	9,145,322							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	10/20/2022	10/19/2023	135,000	13,500,000	100.000		989,550		2,219,354	XXX	2,219,354	806,940							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	11/17/2022	11/16/2023	165,000	16,500,000	100.000		1,136,850		1,572,882	XXX	1,572,882	543,396							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	11/17/2022	11/16/2023	1,400,000	140,000,000	100.000		9,779,000		13,345,662	XXX	13,345,662	4,610,629							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	12/15/2022	12/14/2023	1,450,000	145,000,000	100.000		10,092,000		14,748,676	XXX	14,748,676	4,979,932							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	12/15/2022	12/14/2023	150,000	15,000,000	100.000		1,021,500		1,525,725	XXX	1,525,725	515,165							0004													
BXIIITACS Call 167.0	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	10/26/2022	10/20/2023	55,872	9,330,544	167.000		259,803		168,827	XXX	168,827	(61,478)							0010													
BXIIITACS Call 167.24	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	05/31/2023	05/24/2024	48,266	8,072,003	167.240		203,682		199,619	XXX	199,619	(4,063)							0010													
BXIIITACS Call 167.27	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	11/09/2022	11/03/2023	53,020	8,868,652	167.270		213,140		157,752	XXX	157,752	(56,687)							0010													

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STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE DB - PART A - SECTION 1

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date

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Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)	
BXIIITAC5 Call 167.48 10/13/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	10/19/2022	10/13/2023	63,414	10,620,535	167.480	252,387			170,093		170,093	(73,297)						0010	
BXIIITAC5 Call 167.97 06/24/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	06/28/2023	06/24/2024	71,350	11,984,634	167.970		315,366		278,651		278,651	(36,716)						0010	
BXIIITAC5 Call 168.13 10/06/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	10/12/2022	10/06/2023	48,290	8,119,067	168.130	188,816			109,283		109,283	(58,729)						0010	
BXIIITAC5 Call 168.24 06/03/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	06/07/2023	06/03/2024	57,603	9,691,188	168.240		252,303		212,396		212,396	(39,906)						0010	
BXIIITAC5 Call 168.42 10/27/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	11/02/2022	10/27/2023	62,540	10,532,972	168.420	235,150			144,006		144,006	(71,357)						0010	
BXIIITAC5 Call 168.45 03/01/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	03/08/2023	03/01/2024	69,693	11,739,762	168.450		279,468		218,356		218,356	(61,112)						0010	
BXIIITAC5 Call 168.52 02/23/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	03/01/2023	02/23/2024	57,551	9,698,461	168.520		222,722		176,189		176,189	(46,532)						0010	
BXIIITAC5 Call 168.65 09/29/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	10/05/2022	09/29/2023	48,796	8,229,386	168.650	216,653			94,305		94,305	(61,694)						0010	
BXIIITAC5 Call 168.7 06/10/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	06/14/2023	06/10/2024	47,440	8,003,179	168.700		190,236		166,294		166,294	(23,941)						0010	
BXIIITAC5 Call 168.73 11/10/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	11/16/2022	11/10/2023	65,702	11,085,829	168.730	304,198			148,997		148,997	(72,192)						0010	
BXIIITAC5 Call 168.8 06/17/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	06/21/2023	06/17/2024	53,319	9,000,251	168.800		214,876		186,175		186,175	(28,701)						0010	
BXIIITAC5 Call 168.83 12/29/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	01/04/2023	12/29/2023	41,664	7,034,153	168.830		183,322		107,358		107,358	(75,965)						0010	
BXIIITAC5 Call 168.89 03/11/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	03/15/2023	03/11/2024	80,694	13,628,440	168.890		380,877		240,733		240,733	(140,143)						0010	
BXIIITAC5 Call 168.93 09/25/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	09/28/2022	09/25/2023	52,998	8,952,979	168.930	228,422			93,246		93,246	(68,303)						0010	
BXIIITAC5 Call 169.14 12/22/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	12/29/2022	12/22/2023	82,487	13,951,883	169.140	337,373			197,052		197,052	(81,168)						0010	
BXIIITAC5 Call 169.43 11/17/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	11/23/2022	11/17/2023	64,389	10,909,344	169.430	287,817			129,263		129,263	(69,744)						0010	
BXIIITAC5 Call 169.74 02/16/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	02/22/2023	02/16/2024	49,614	8,421,470	169.740		183,572		123,118		123,118	(60,454)						0010	
BXIIITAC5 Call 169.83 05/13/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	05/17/2023	05/13/2024	44,357	7,533,092	169.830		173,878		127,913		127,913	(45,966)						0010	
BXIIITAC5 Call 169.93 01/05/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	01/11/2023	01/05/2024	40,139	6,820,766	169.930		180,223		86,192		86,192	(94,030)						0010	
BXIIITAC5 Call 169.95 11/24/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	11/30/2022	11/24/2023	55,216	9,383,903	169.950	239,084			101,957		101,957	(58,554)						0010	
BXIIITAC5 Call 170.06 03/18/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	03/23/2023	03/18/2024	86,569	14,721,863	170.060		376,574		218,329		218,329	(158,245)						0010	
BXIIITAC5 Call 170.21 12/15/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	12/21/2022	12/15/2023	75,432	12,839,325	170.210	299,466			143,017		143,017	(75,561)						0010	
BXIIITAC5 Call 170.37 05/06/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	05/10/2023	05/06/2024	65,972	11,239,595	170.370		272,463		174,518		174,518	(97,945)						0010	
BXIIITAC5 Call 170.38 03/25/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	03/29/2023	03/25/2024	68,342	11,644,067	170.380		282,935		166,292		166,292	(116,643)						0010	
BXIIITAC5 Call 170.5 02/09/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	02/15/2023	02/09/2024	56,490	9,631,543	170.500		228,784		120,914		120,914	(107,870)						0010	
BXIIITAC5 Call 170.57 04/29/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	05/03/2023	04/29/2024	61,258	10,448,820	170.570		270,761		155,315		155,315	(115,446)						0010	
BXIIITAC5 Call 170.63 12/08/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	12/14/2022	12/08/2023	66,751	11,389,653	170.630	289,030			112,864		112,864	(67,633)						0010	
BXIIITAC5 Call 170.68 04/22/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	04/27/2023	04/22/2024	55,934	9,546,887	170.680		223,738		137,609		137,609	(86,129)						0010	
BXIIITAC5 Call 170.78 12/01/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	12/07/2022	12/01/2023	60,952	10,409,326	170.780	262,092			96,776		96,776	(62,675)						0010	

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Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)	
BXIIITACS Call 170.85 01/19/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	01/25/2023	01/19/2024	54,049	9,234,285	170.850		234,033		101,957		101,957	(132,075)						---	0010
BXIIITACS Call 170.88 01/12/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	01/18/2023	01/12/2024	43,699	7,467,265	170.880		186,157		80,074		80,074	(106,083)						---	0010
BXIIITACS Call 171.06 04/12/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	04/19/2023	04/12/2024	59,010	10,094,222	171.060		231,319		134,069		134,069	(97,250)						---	0010
BXIIITACS Call 171.14 04/01/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	04/05/2023	04/01/2024	45,744	7,828,558	171.140		206,304		100,106		100,106	(106,197)						---	0010
BXIIITACS Call 171.16 01/26/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	02/01/2023	01/26/2024	60,395	10,337,201	171.160		279,025		109,914		109,914	(169,111)						---	0010
BXIIITACS Call 171.35 09/15/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	09/21/2022	09/15/2023	35,102	6,014,760	171.350		139,356		27,187		27,187	(44,206)						---	0010
BXIIITACS Call 171.47 02/02/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	02/08/2023	02/02/2024	41,287	7,079,549	171.470		163,498		72,518		72,518	(90,980)						---	0010
BXIIITACS Call 171.6 04/08/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	04/12/2023	04/08/2024	70,039	12,018,696	171.600		285,759		144,622		144,622	(141,137)						---	0010
BXIIITACS Call 172.65 09/11/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	09/14/2022	09/11/2023	43,342	7,482,934	172.650		171,199		19,477		19,477	(49,964)						---	0010
BXIIITACS Call 172.79 09/01/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	09/07/2022	09/01/2023	45,497	7,861,397	172.790		194,271		15,809		15,809	(52,929)						---	0010
BXIIITACS Call 173.91 07/07/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	07/13/2022	07/07/2023	43,063	7,489,062	173.910		190,768		1		1	(40,290)						---	0010
BXIIITACS Call 174.09 07/14/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	07/20/2022	07/14/2023	46,674	8,125,404	174.090		210,965		86		86	(43,491)						---	0010
BXIIITACS Call 174.33 08/25/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	08/31/2022	08/25/2023	54,695	9,534,948	174.330		211,669		7,200		7,200	(52,366)						---	0010
BXIIITACS Call 175.04 05/21/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	05/24/2023	05/21/2024	54,459	9,172,612	168.430		198,233		192,847		192,847	(5,386)						---	0010
BXIIITACS Call 175.12 07/21/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	07/27/2022	07/21/2023	51,231	8,971,636	175.120		230,029		151		151	(39,106)						---	0010
BXIIITACS Call 175.35 08/18/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	08/24/2022	08/18/2023	63,874	11,200,239	175.350		251,023		3,288		3,288	(51,024)						---	0010
BXIIITACS Call 175.76 08/07/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	08/10/2022	08/07/2023	48,197	8,471,187	175.760		222,190		826		826	(34,402)						---	0010
BXIIITACS Call 175.97 07/28/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	08/03/2022	07/28/2023	62,759	11,043,758	175.970		286,183		256		256	(40,849)						---	0010
BXIIITACS Call 176.32 08/11/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	08/17/2022	08/11/2023	60,837	10,726,709	176.320		253,689		940		940	(39,106)						---	0010
Rainbow Option Call 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	01/19/2023	01/18/2024	150,000	15,000,000	100.000		1,771,500		1,918,405		1,918,405	146,905						---	0008
Rainbow Option Call 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	02/16/2023	02/15/2024	72,000	7,200,000	100.000		810,720		695,486		695,486	(115,234)						---	0008
Rainbow Option Call 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	03/16/2023	03/14/2024	95,000	9,500,000	100.000		1,111,500		1,268,606		1,268,606	157,106						---	0008
Rainbow Option Call 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	04/20/2023	04/18/2024	87,000	8,700,000	100.000		972,660		839,224		839,224	(133,436)						---	0008
Rainbow Option Call 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	05/18/2023	05/16/2024	73,000	7,300,000	100.000		800,810		711,422		711,422	(89,388)						---	0008
Rainbow Option Call 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	06/15/2023	06/20/2024	117,000	11,700,000	100.000		1,258,920		975,375		975,375	(283,545)						---	0008
Rainbow Option Call 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	07/14/2022	07/20/2023	70,000	7,000,000	100.000		877,800		1,444,752		1,444,752	664,206						---	0008
Rainbow Option Call 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	08/18/2022	08/17/2023	116,000	11,600,000	100.000		1,327,040		1,010,180		1,010,180	484,191						---	0008
Rainbow Option Call 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	09/15/2022	09/14/2023	50,000	5,000,000	100.000		643,500		858,090		858,090	370,182						---	0008

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Rainbow Option Call 10/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	10/20/2022	10/19/2023	63,000	6,300,000	100.000	731,430			1,408,889		1,408,889	480,736						0008	
Rainbow Option Call 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	11/17/2022	11/16/2023	139,000	13,900,000	100.000	1,787,540			1,809,330		1,809,330	580,545						0008	
Rainbow Option Call 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	12/15/2022	12/14/2023	65,000	6,500,000	100.000	833,950			903,774		903,774	324,376						0008	
SGIXECP Call 212.63 10/09/2023	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale	10/19/2022	10/09/2023	8,111	1,724,542	212.630	37,523			32,739		32,739	(101,155)						0014	
SGIXECP Call 214.75 03/08/2024	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale	03/29/2023	03/08/2024	2,341	502,787	214.745		16,522		10,398		10,398	(6,123)						0014	
SGIXECP Call 215.34 12/29/2023	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale	01/04/2023	12/29/2023	9,983	2,149,726	215.341		56,687		35,426		35,426	(21,261)						0014	
SGIXECP Call 215.9 05/28/2024	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale	06/07/2023	05/28/2024	2,236	482,806	215.898		13,211		10,192		10,192	(3,019)						0014	
SGIXECP Call 216.39 11/10/2023	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale	11/23/2022	11/10/2023	4,670	1,010,434	216.387		27,884		12,034		12,034	(50,640)						0014	
SGIXECP Call 217.22 12/12/2023	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale	12/21/2022	12/12/2023	3,587	779,149	217.217		16,498		7,881		7,881	(34,879)						0014	
SGIXECP Call 217.56 09/18/2023	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale	10/05/2022	09/18/2023	2,049	445,734	217.558		8,415		3,003		3,003	(22,300)						0014	
SGIXECP Call 218.09 02/15/2024	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale	02/22/2023	02/15/2024	4,768	1,039,919	218.087		20,038		13,968		13,968	(6,070)						0014	
SGIXECP Call 218.18 06/12/2024	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale	06/21/2023	06/12/2024	6,762	1,475,431	218.184		35,749		25,811		25,811	(9,938)						0014	
SGIXECP Call 218.72 11/30/2023	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale	12/07/2022	11/30/2023	5,356	1,171,506	218.715		29,305		10,715		10,715	(51,999)						0014	
SGIXECP Call 219.69 01/18/2024	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale	01/25/2023	01/18/2024	3,532	775,954	219.687		19,638		7,771		7,771	(11,867)						0014	
SGIXECP Call 219.97 04/30/2024	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale	05/10/2023	04/30/2024	4,399	967,662	219.970		22,917		12,985		12,985	(9,932)						0014	
SGIXECP Call 220.2 04/04/2024	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale	04/12/2023	04/04/2024	2,467	543,260	220.200		12,786		6,641		6,641	(6,145)						0014	
SGIXECP Call 227.52 08/09/2023	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale	08/31/2022	08/09/2023	6,182	1,406,649	227.524		22,218		548		548	(32,788)						0014	
SGIXECP Call 228.92 07/27/2023	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale	08/03/2022	07/27/2023	11,287	2,583,889	228.920		59,936		668		668	(51,034)						0014	
SGIXECP Call 231.73 05/14/2024	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale	05/24/2023	05/14/2024	2,526	585,388	231.731		9,678		8,177		8,177	(1,501)						0014	
SPSLVI Call 10000.82 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	11/17/2022	11/16/2023	1,053	10,530,000	10000.820		1,041,417		469,643		469,643	(648,450)						0002	
SPSLVI Call 10003.69 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	05/18/2023	05/16/2024	1,332	13,320,000	10003.690		1,096,236		1,052,427		1,052,427	(43,809)						0002	
SPSLVI Call 10046.56 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	01/19/2023	01/18/2024	1,639	16,470,000	10046.560		1,497,123		898,088		898,088	(599,035)						0002	
SPSLVI Call 10049.26 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	06/15/2023	06/20/2024	1,209	12,150,000	10049.260		970,785		986,434		986,434	15,649						0002	
SPSLVI Call 10072.08 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	09/15/2022	09/14/2023	1,068	10,755,000	10072.080		1,063,670		270,129		270,129	(709,696)						0002	
SPSLVI Call 10076.72 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	02/16/2023	02/15/2024	1,300	13,095,000	10076.720		1,120,932		758,162		758,162	(362,770)						0002	
SPSLVI Call 10225.35 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	04/20/2023	04/18/2024	1,395	14,264,902	10225.350		1,193,981		843,640		843,640	(350,341)						0002	
SPSLVI Call 10324.61 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	12/15/2022	12/14/2023	1,255	12,960,000	10324.610		1,288,224		371,650		371,650	(773,486)						0002	
SPSLVI Call 10760.9 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	08/18/2022	08/17/2023	1,564	16,830,000	10760.900		1,489,455		8,170		8,170	(746,682)						0002	
SPSLVI Call 9296.13 10/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	10/20/2022	10/19/2023	862	8,010,000	9296.130		859,473		826,112		826,112	(467,072)						0002	

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Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)	
SPSLVI Call 9807.51 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	03/16/2023	03/14/2024	1,675	16,425,000	9807.510		1,470,034		1,369,875		1,369,875	(100,159)						0002	
SPSLVI Call 9836.61 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	07/14/2022	07/20/2023	2,572	25,300,000	9836.610	2,469,280			757,264		757,264	(1,711,663)						0002	
SPPRISME Call 5464.03 10/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	10/20/2022	10/19/2023	4,612	25,200,000	5464.030	705,600			1,146,123		1,146,123	423,454						0007	
SPPRISME Call 5565.71 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs	03/16/2023	03/14/2024	6,810	37,900,000	5565.710		970,240		1,337,446		1,337,446	367,206						0007	
SPPRISME Call 5565.71 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	03/23/2023	03/14/2024	12,290	68,400,000	5565.710		1,783,636		2,413,754		2,413,754	630,118						0007	
SPPRISME Call 5571.95 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	11/17/2022	11/16/2023	4,612	25,700,000	5571.950	719,600			772,724		772,724	271,203						0007	
SPPRISME Call 5571.95 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	11/23/2022	11/16/2023	8,040	44,799,982	5571.950	1,300,658			1,347,004		1,347,004	472,758						0007	
SPPRISME Call 5583.71 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	12/15/2022	12/14/2023	5,588	31,200,000	5583.710	873,600			927,436		927,436	319,144						0007	
SPPRISME Call 5583.71 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	12/21/2022	12/14/2023	10,405	58,100,000	5583.710	1,503,418			1,727,053		1,727,053	594,303						0007	
SPPRISME Call 5588.98 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	05/18/2023	05/16/2024	12,382	69,200,000	5588.980		1,702,300		2,386,774		2,386,774	684,474						0007	
SPPRISME Call 5588.98 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	05/25/2023	05/16/2024	8,767	49,000,000	5588.980		1,130,592		1,690,057		1,690,057	559,465						0007	
SPPRISME Call 5595.28 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	01/19/2023	01/18/2024	9,097	50,900,000	5595.280		1,282,680		1,512,097		1,512,097	229,417						0007	
SPPRISME Call 5595.28 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	01/25/2023	01/18/2024	6,631	37,100,008	5595.280		958,322		1,102,138		1,102,138	143,816						0007	
SPPRISME Call 5601.84 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	04/20/2023	04/18/2024	7,194	40,300,000	5601.840		991,380		1,296,161		1,296,161	304,781						0007	
SPPRISME Call 5601.84 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	05/02/2023	04/18/2024	7,498	42,000,000	5601.840		984,238		1,350,838		1,350,838	366,600						0007	
SPPRISME Call 5604.38 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	09/15/2022	09/14/2023	4,514	25,300,000	5604.380	708,400			570,857		570,857	195,795						0007	
SPPRISME Call 5604.38 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	09/21/2022	09/14/2023	6,102	34,200,000	5604.380	913,464			771,672		771,672	264,672						0007	
SPPRISME Call 5604.38 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	10/26/2022	09/14/2023	12,579	70,500,000	5604.380	1,360,175			1,590,728		1,590,728	545,595						0007	
SPPRISME Call 5634.6 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	02/16/2023	02/15/2024	4,898	27,600,000	5634.600		702,420		727,221		727,221	24,800						0007	
SPPRISME Call 5634.6 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	02/22/2023	02/15/2024	11,891	67,000,000	5634.600		1,360,482		1,765,354		1,765,354	404,873						0007	

E06.4

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Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)	
SPPRISME Call 5638.35 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	07/14/2022	07/20/2023	2,838	16,000,000	5638.350	448,000			217,569		217,569	51,163						0007	
SPPRISME Call 5638.35 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	07/19/2022	07/20/2023	3,583	20,200,000	5638.350	597,052			274,681		274,681	64,593						0007	
SPPRISME Call 5709.72 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	06/15/2023	06/20/2024	14,589	83,300,000	5709.720		2,040,850		1,961,623		1,961,623	(79,227)						0007	
SPPRISME Call 5709.72 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	06/26/2023	06/20/2024	12,558	71,700,000	5709.720		1,502,555		1,688,456		1,688,456	185,901						0007	
SPPRISME Call 5714.16 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	08/18/2022	08/17/2023	4,148	23,700,000	5714.160	663,600			196,150		196,150	18,323						0007	
SPPRISME Call 5714.16 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	08/23/2022	08/17/2023	6,353	36,300,000	5714.160	1,119,018			300,432		300,432	28,064						0007	
SPX Call 3665.78 10/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	10/20/2022	10/19/2023	14,731	54,000,000	3665.780	6,426,000			12,307,358		12,307,358	5,463,787						0001	
SPX Call 3665.78 10/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	10/20/2022	10/19/2023	105,025	385,000,000	3665.780	45,853,476			87,746,902		87,746,902	38,954,781						0001	
SPX Call 3665.78 10/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	10/20/2022	10/19/2023	30,007	110,000,000	3665.780	13,101,000			25,070,544		25,070,544	11,129,937						0001	
SPX Call 3665.78 10/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	10/20/2022	10/19/2023	2,728	10,000,000	3665.780	1,191,000			2,279,140		2,279,140	1,011,813						0001	
SPX Call 3790.38 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	07/14/2022	07/20/2023	13,719	52,000,000	3790.380	5,592,600			9,127,825		9,127,825	4,764,989						0001	
SPX Call 3790.38 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	07/14/2022	07/20/2023	20,315	77,000,000	3790.380	8,281,350			13,516,202		13,516,202	7,055,849						0001	
SPX Call 3790.38 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	07/14/2022	07/20/2023	1,847	7,000,000	3790.380	752,850			1,228,746		1,228,746	641,441						0001	
SPX Call 3790.38 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	07/14/2022	07/20/2023	77,037	292,000,000	3790.380	31,441,096			51,256,247		51,256,247	26,757,245						0001	
SPX Call 3895.75 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	12/15/2022	12/14/2023	2,567	10,000,000	3895.750	1,105,000			1,686,910		1,686,910	756,757						0001	
SPX Call 3895.75 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	12/15/2022	12/14/2023	14,631	57,000,000	3895.750	6,289,950			9,615,388		9,615,388	4,313,518						0001	
SPX Call 3895.75 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	12/15/2022	12/14/2023	100,622	392,000,000	3895.750	43,218,000			66,126,876		66,126,876	29,664,894						0001	
SPX Call 3895.75 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	12/15/2022	12/14/2023	19,765	77,000,000	3895.750	8,489,250			12,989,208		12,989,208	5,827,033						0001	
SPX Call 3898.85 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	01/19/2023	01/18/2024	2,308	9,000,000	3898.850		887,400		1,573,135		1,573,135	685,735						0001	
SPX Call 3898.85 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	01/19/2023	01/18/2024	14,107	55,000,000	3898.850		5,423,000		9,613,601		9,613,601	4,190,601						0001	
SPX Call 3898.85 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	01/19/2023	01/18/2024	89,514	349,000,000	3898.850		34,411,400		61,002,669		61,002,669	26,591,269						0001	
SPX Call 3898.85 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	01/19/2023	01/18/2024	15,389	60,000,000	3898.850		6,027,000		10,487,565		10,487,565	4,460,565						0001	
SPX Call 3901.35 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	09/15/2022	09/14/2023	17,174	67,000,000	3901.350	7,339,850			10,077,955		10,077,955	4,983,111						0001	
SPX Call 3901.35 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	09/15/2022	09/14/2023	1,794	7,000,000	3901.350	770,000			1,052,921		1,052,921	520,624						0001	
SPX Call 3901.35 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	09/15/2022	09/14/2023	13,329	52,000,000	3901.350	5,720,000			7,821,696		7,821,696	3,867,489						0001	
SPX Call 3901.35 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	09/15/2022	09/14/2023	80,741	315,000,000	3901.350	34,618,500			47,381,431		47,381,431	23,428,060						0001	

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SPX CALL 3941.78 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	10/12/2022	06/20/2024	1,268	5,000,000	3941.780	474,786			947,815		947,815	387,771						0001	
SPX Call 3946.56 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11/17/2022	11/16/2023	88,431	349,000,000	3946.560	39,070,550			52,419,083		52,419,083	24,445,918						0001	
SPX Call 3946.56 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11/17/2022	11/16/2023	20,017	79,000,000	3946.560	8,788,750			11,865,638		11,865,638	5,533,603						0001	
SPX Call 3946.56 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11/17/2022	11/16/2023	1,774	7,000,000	3946.560	782,950			1,051,386		1,051,386	490,319						0001	
SPX Call 3960.28 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11/17/2022	11/16/2023	11,656	46,000,000	3946.560	5,154,300			6,909,105		6,909,105	3,222,098						0001	
SPX Call 3960.28 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	03/16/2023	03/14/2024	60,349	239,000,000	3960.280		23,661,000		40,202,727		40,202,727	16,541,727						0001	
SPX Call 3960.28 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	03/16/2023	03/14/2024	18,433	73,000,000	3960.280		7,270,800		12,279,494		12,279,494	5,008,694						0001	
SPX Call 3960.28 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	03/16/2023	03/14/2024	15,908	63,000,000	3960.280		6,281,100		10,597,372		10,597,372	4,316,272						0001	
SPX Call 3960.28 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	03/16/2023	03/14/2024	2,525	10,000,000	3960.280		997,000		1,682,122		1,682,122	685,122						0001	
SPX Call 4020.81 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	10/11/2022	05/16/2024	995	4,000,000	4020.810	329,665			657,339		657,339	277,057						0001	
SPX CALL 4074.66 07/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	10/12/2022	07/18/2024	1,227	5,000,000	4074.660	405,236			809,790		809,790	335,139						0001	
SPX Call 4090.41 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	02/16/2023	02/15/2024	66,253	271,000,000	4090.410		26,002,450		35,674,197		35,674,197	9,671,747						0001	
SPX Call 4090.41 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	02/16/2023	02/15/2024	14,913	61,000,000	4090.410		5,860,575		8,029,985		8,029,985	2,169,410						0001	
SPX Call 4090.41 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Societe Generale	02/16/2023	02/15/2024	16,135	66,000,000	4090.410		6,303,000		8,688,181		8,688,181	2,385,181						0001	
SPX Call 4090.41 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	02/16/2023	02/15/2024	2,445	10,000,000	4090.410		961,000		1,316,391		1,316,391	355,391						0001	
SPX Call 4129.79 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	04/20/2023	04/18/2024	48,186	199,000,000	4129.790		18,487,100		26,661,106		26,661,106	8,174,006						0001	
SPX Call 4129.79 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	04/20/2023	04/18/2024	15,497	64,000,000	4129.790		5,945,600		8,574,426		8,574,426	2,628,826						0001	
SPX Call 4129.79 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	04/20/2023	04/18/2024	1,937	8,000,000	4129.790		749,600		1,071,803		1,071,803	322,203						0001	
SPX Call 4129.79 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	04/20/2023	04/18/2024	10,654	44,000,000	4129.790		4,122,800		5,894,918		5,894,918	1,772,118						0001	
SPX Call 4193.35 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	10/11/2022	05/16/2024	1,192	5,000,000	4193.350	312,292			625,283		625,283	270,266						0001	
SPX Call 4198.05 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	05/18/2023	05/16/2024	37,160	156,000,000	4198.050		14,348,100		19,352,881		19,352,881	5,004,781						0001	
SPX Call 4198.05 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	05/18/2023	05/16/2024	2,382	10,000,000	4198.050		918,500		1,240,569		1,240,569	322,069						0001	
SPX Call 4198.05 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	05/18/2023	05/16/2024	14,292	60,000,000	4198.050		5,517,000		7,443,416		7,443,416	1,926,416						0001	
SPX Call 4198.05 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	05/18/2023	05/16/2024	10,243	43,000,000	4198.050		3,943,100		5,334,448		5,334,448	1,391,348						0001	
SPX Call 4235.75 09/19/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	10/13/2022	09/19/2024	708	3,000,012	4235.750	191,286			409,969		409,969	169,789						0001	
SPX Call 4283.74 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	08/18/2022	08/17/2023	10,972	47,000,000	4283.740	4,631,850			2,299,678		2,299,678	1,156,410						0001	
SPX Call 4283.74 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	08/18/2022	08/17/2023	1,401	6,000,000	4283.740	591,300			293,576		293,576	147,627						0001	
SPX Call 4283.74 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	08/18/2022	08/17/2023	64,430	276,000,000	4283.740	27,181,860			13,504,493		13,504,493	6,790,830						0001	
SPX Call 4283.74 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	09/27/2022	08/17/2023	7,003	30,000,016	4283.740	949,078			1,467,881		1,467,881	738,134						0001	

E06.6

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE DB - PART A - SECTION 1

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)	
SPX Call 4283.74 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	08/18/2022	08/17/2023	24,978	107,000,000	4283.740	10,550,200			5,235,438		5,235,438	2,632,677							0001
SPX Call 4425.84 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	06/15/2023	06/20/2024	50,160	222,000,000	4425.840		19,536,000		19,110,051		19,110,051	(425,949)							0001
SPX Call 4425.84 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	06/15/2023	06/20/2024	8,586	38,000,000	4425.840		3,344,000		3,271,090		3,271,090	(72,910)							0001
SPX Call 4425.84 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	06/15/2023	06/20/2024	14,686	65,000,000	4425.840		5,720,000		5,595,285		5,595,285	(124,715)							0001
SPX Call 4425.84 06/23/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	06/15/2023	06/23/2024	2,034	9,000,000	4425.840		800,550		774,732		774,732	(25,818)							0001
SPX Call 4482.73 01/16/2025	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	10/13/2022	01/16/2025	3,346	15,000,000	4482.730	785,616			1,620,423		1,620,423	657,345							0001
SPX Call 4527.75 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	10/11/2022	04/18/2024	883	4,000,000	4527.750	127,463			232,947		232,947	97,558							0001
SPX Call 4529.32 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	10/11/2022	03/14/2024	883	4,000,000	4529.320	115,487			206,443		206,443	85,848							0001
SPX CALL 4650.92 08/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	10/12/2022	08/15/2024	1,290	6,000,000	4650.920	199,831			360,954		360,954	147,233							0001
SX5E Call 3396.61 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	07/14/2022	07/20/2023	883	3,000,000	3396.610	245,400			888,280		888,280	496,141							0003
SX5E Call 3396.61 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	07/14/2022	07/20/2023	3,239	11,000,000	3396.610	899,800			3,257,026		3,257,026	1,819,184							0003
SX5E Call 3492.85 10/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	10/20/2022	10/19/2023	3,436	12,000,000	3492.850	1,040,400			3,216,776		3,216,776	1,737,416							0003
SX5E Call 3492.85 10/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	10/20/2022	10/19/2023	859	3,000,000	3492.850	260,100			804,194		804,194	434,354							0003
SX5E Call 3541.79 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	09/15/2022	09/14/2023	847	3,000,000	3541.790	246,000			743,566		743,566	423,985							0003
SX5E Call 3541.79 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	09/15/2022	09/14/2023	2,682	9,500,000	3541.790	779,000			2,354,624		2,354,624	1,342,619							0003
SX5E Call 3777.38 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	08/18/2022	08/17/2023	2,515	9,500,000	3777.380	691,600			1,596,123		1,596,123	1,054,439							0003
SX5E Call 3777.38 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	08/18/2022	08/17/2023	794	3,000,000	3777.380	218,400			504,039		504,039	332,981							0003
SX5E Call 3835.7 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	12/15/2022	12/14/2023	3,911	15,000,000	3835.700	1,106,250			2,495,099		2,495,099	1,492,359							0003
SX5E Call 3835.7 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	12/15/2022	12/14/2023	782	3,000,000	3835.700	221,100			499,020		499,020	298,472							0003
SX5E Call 3878.42 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	11/17/2022	11/16/2023	774	3,000,000	3878.420	227,700			453,674		453,674	282,970							0003
SX5E Call 3878.42 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	11/17/2022	11/16/2023	3,094	12,000,000	3878.420	910,800			1,814,694		1,814,694	1,131,880							0003
SX5E Call 4094.28 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	01/19/2023	01/18/2024	733	3,000,000	4094.280		210,300		321,067		321,067	110,767							0003
SX5E Call 4094.28 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	01/19/2023	01/18/2024	3,126	12,800,000	4094.280		922,880		1,369,886		1,369,886	447,006							0003
SX5E Call 4116.98 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	03/16/2023	03/14/2024	607	2,500,000	4116.980	194,750			276,519		276,519	81,769							0003
SX5E Call 4116.98 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	03/16/2023	03/14/2024	2,793	11,500,000	4116.980	895,850			1,271,985		1,271,985	376,135							0003
SX5E Call 4297.24 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	02/16/2023	02/15/2024	2,676	11,500,000	4297.240	780,850			807,705		807,705	26,855							0003
SX5E Call 4297.24 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	02/16/2023	02/15/2024	698	3,000,000	4297.240	203,700			210,706		210,706	7,006							0003
SX5E Call 4365.12 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	06/15/2023	06/20/2024	573	2,500,000	4365.120	162,250			165,309		165,309	3,059							0003
SX5E Call 4365.12 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	06/15/2023	06/20/2024	1,993	8,700,000	4365.120	564,630			575,276		575,276	10,646							0003

E06.7

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE DB - PART A - SECTION 1

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)		
SX5E Call 4367.45 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	ROMUIISFPUBMPPRO8K5P83	05/18/2023	2,450	10,700,000	4367.450		723,855		677,789		677,789	(46,066)						0003		
SX5E Call 4367.45 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	ROMUIISFPUBMPPRO8K5P83	05/18/2023	572	2,500,000	4367.450		169,250		158,362		158,362	(10,888)						0003		
SX5E Call 4384.86 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11E8VN30JCEQV1H4R804	04/20/2023	570	2,500,000	4384.860		177,250		160,666		160,666	(16,584)						0003		
SX5E Call 4384.86 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11E8VN30JCEQV1H4R804	04/20/2023	2,623	11,500,000	4384.860		815,350		739,063		739,063	(76,287)						0003		
0159999999. Subtotal - Purchased Options - Hedging Other - Call Options and Warrants										416,692,199	297,772,734		998,473,377	XXX	998,473,377	371,244,861				XXX	XXX			
0219999999. Subtotal - Purchased Options - Hedging Other										416,692,199	297,772,734		998,473,377	XXX	998,473,377	371,244,861					XXX	XXX		
0289999999. Subtotal - Purchased Options - Replications														XXX								XXX	XXX	
0359999999. Subtotal - Purchased Options - Income Generation														XXX									XXX	XXX
0429999999. Subtotal - Purchased Options - Other														XXX									XXX	XXX
0439999999. Total Purchased Options - Call Options and Warrants										416,692,199	297,772,734		998,473,377	XXX	998,473,377	371,244,861						XXX	XXX	
0449999999. Total Purchased Options - Put Options														XXX									XXX	XXX
0459999999. Total Purchased Options - Caps														XXX									XXX	XXX
0469999999. Total Purchased Options - Floors														XXX									XXX	XXX
0479999999. Total Purchased Options - Collars														XXX									XXX	XXX
0489999999. Total Purchased Options - Other														XXX									XXX	XXX
0499999999. Total Purchased Options										416,692,199	297,772,734		998,473,377	XXX	998,473,377	371,244,861						XXX	XXX	
0569999999. Subtotal - Written Options - Hedging Effective Excluding Variable Annuity Guarantees Under SSAP No.108														XXX									XXX	XXX
0639999999. Subtotal - Written Options - Hedging Effective Variable Annuity Guarantees Under SSAP No.108														XXX									XXX	XXX
Basket Option Call 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	01/19/2023	165,000	17,655,000	107.000		(419,100)		(661,803)		(661,803)	(242,703)						0004		
Basket Option Call 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	W22LR0IP21HZNB6K528	01/19/2023	1,190,000	129,412,500	108.750		(2,320,500)		(3,627,600)		(3,627,600)	(1,307,100)						0004		
Basket Option Call 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	02/16/2023	1,110,000	120,712,500	108.750		(1,920,300)		(2,531,397)		(2,531,397)	(611,097)						0004		
Basket Option Call 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	02/16/2023	150,000	16,050,000	107.000		(346,500)		(457,615)		(457,615)	(111,115)						0004		
Basket Option Call 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	03/16/2023	125,000	13,375,000	107.000		(545,000)		(650,269)		(650,269)	(105,269)						0004		
Basket Option Call 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	03/16/2023	980,000	106,575,000	108.750		(3,567,200)		(4,119,828)		(4,119,828)	(552,628)						0004		
Basket Option Call 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	04/20/2023	200,000	21,400,000	107.000		(444,000)		(769,707)		(769,707)	(325,707)						0004		
Basket Option Call 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	04/20/2023	1,110,000	120,712,500	108.750		(1,820,400)		(3,382,140)		(3,382,140)	(1,561,740)						0004		
Basket Option Call 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	05/18/2023	1,060,000	114,215,000	107.750		(1,939,800)		(3,936,640)		(3,936,640)	(1,996,840)						0004		
Basket Option Call 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	05/18/2023	175,000	18,681,250	106.750		(381,500)		(733,693)		(733,693)	(352,193)						0004		
Basket Option Call 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	ROMUIISFPUBMPPRO8K5P83	06/15/2023	1,010,000	108,827,500	107.750		(1,727,100)		(2,935,791)		(2,935,791)	(1,208,691)						0004		
Basket Option Call 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	ROMUIISFPUBMPPRO8K5P83	06/15/2023	210,000	22,417,500	106.750		(430,500)		(694,212)		(694,212)	(263,712)						0004		
Basket Option Call 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	07/14/2022	880,000	96,580,000	109.750		(1,777,600)		(2,119,769)		(2,119,769)	(338,059)						0004		
Basket Option Call 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	4PQUHNSJPFQFNF3BB653	07/14/2022	165,000	17,737,500	107.500		(447,150)		(736,098)		(736,098)	(278,531)						0004		
Basket Option Call 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	08/18/2022	205,000	21,935,000	107.000		(492,000)		(28,004)		(28,004)	136,901						0004		
Basket Option Call 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	08/18/2022	1,060,000	115,275,000	108.750		(1,961,000)		(44,405)		(44,405)	575,198						0004		

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STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE DB - PART A - SECTION 1

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)		
Basket Option Call 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	09/15/2022	09/14/2023	145,000	15,515,000	107.000	(443,700)			(626,258)		(626,258)	(180,116)							0004	
Basket Option Call 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	09/15/2022	09/14/2023	1,070,000	116,362,500	108.750	(2,621,500)			(3,215,824)		(3,215,824)	(560,588)								0004
Basket Option Call 10/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	10/20/2022	10/19/2023	1,530,000	166,387,500	108.750	(4,590,000)			(12,779,445)		(12,779,445)	(4,536,762)								0004
Basket Option Call 10/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	10/20/2022	10/19/2023	135,000	14,445,000	107.000	(491,400)			(1,336,923)		(1,336,923)	(491,577)								0004
Basket Option Call 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	11/17/2022	11/16/2023	165,000	17,655,000	107.000	(518,100)			(657,245)		(657,245)	(131,482)								0004
Basket Option Call 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	11/17/2022	11/16/2023	1,400,000	152,250,000	108.750	(3,528,000)			(4,035,010)		(4,035,010)	(366,251)								0004
Basket Option Call 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	12/15/2022	12/14/2023	1,450,000	157,687,500	108.750	(3,538,000)			(5,150,596)		(5,150,596)	(782,647)								0004
Basket Option Call 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	12/15/2022	12/14/2023	150,000	16,050,000	107.000	(457,500)			(701,819)		(701,819)	(160,507)								0004
Rainbow Option Call 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	01/19/2023	01/18/2024	150,000	16,237,500	108.250		(1,075,500)		(933,711)		(933,711)	141,789								0008
Rainbow Option Call 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	02/16/2023	02/15/2024	72,000	7,794,000	108.250		(479,520)		(283,862)		(283,862)	195,658								0008
Rainbow Option Call 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	03/16/2023	03/14/2024	95,000	10,283,750	108.250		(665,000)		(667,962)		(667,962)	(2,962)								0008
Rainbow Option Call 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	04/20/2023	04/18/2024	87,000	9,417,750	108.250		(568,980)		(371,398)		(371,398)	197,582								0008
Rainbow Option Call 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	05/18/2023	05/16/2024	73,000	7,902,250	108.250		(454,790)		(325,242)		(325,242)	129,548								0008
Rainbow Option Call 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	06/15/2023	06/20/2024	117,000	12,665,250	108.250		(696,150)		(421,517)		(421,517)	274,633								0008
Rainbow Option Call 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	07/14/2022	07/20/2023	70,000	7,630,000	109.000		(538,300)		(817,888)		(817,888)	(438,739)								0008
Rainbow Option Call 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	08/18/2022	08/17/2023	116,000	12,557,000	108.250		(795,760)		(194,670)		(194,670)	(13,321)								0008
Rainbow Option Call 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	09/15/2022	09/14/2023	50,000	5,412,500	108.250		(414,000)		(466,692)		(466,692)	(212,896)								0008
Rainbow Option Call 10/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	10/20/2022	10/19/2023	63,000	6,819,750	108.250		(447,300)		(916,041)		(916,041)	(335,556)								0008
Rainbow Option Call 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	11/17/2022	11/16/2023	139,000	15,046,750	108.250		(1,156,480)		(834,243)		(834,243)	(188,949)								0008
Rainbow Option Call 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	12/15/2022	12/14/2023	65,000	7,036,250	108.250		(531,700)		(452,210)		(452,210)	(140,756)								0008
SPX Call 3852.73 10/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	10/20/2022	10/19/2023	30,007	115,610,001	3852.735	(10,114,500)			(19,775,331)		(19,775,331)	(9,271,696)								0001
SPX Call 3922.38 10/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	10/20/2022	10/19/2023	14,731	57,780,000	3922.385	(4,467,420)			(8,756,129)		(8,756,129)	(4,178,173)								0001
SPX Call 3949.88 10/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	10/20/2022	10/19/2023	2,728	10,775,000	3949.878	(793,800)			(1,552,522)		(1,552,522)	(745,515)								0001
SPX Call 3959.04 10/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	10/20/2022	10/19/2023	105,025	415,800,000	3959.042	(30,126,250)			(58,889,998)		(58,889,998)	(28,335,737)								0001
SPX Call 3983.69 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	07/14/2022	07/20/2023	20,315	80,927,001	3983.689	(6,117,650)			(9,613,851)		(9,613,851)	(5,347,526)								0001
SPX Call 4055.71 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	07/14/2022	07/20/2023	13,719	55,640,000	4055.707	(3,637,400)			(5,514,135)		(5,514,135)	(3,111,339)								0001
SPX Call 4084.13 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	07/14/2022	07/20/2023	1,847	7,542,500	4084.135	(465,150)			(690,452)		(690,452)	(390,796)								0001
SPX Call 4093.61 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	07/14/2022	07/20/2023	77,037	315,360,000	4093.610	(19,074,900)			(28,082,037)		(28,082,037)	(15,903,946)								0001

E06.9

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE DB - PART A - SECTION 1

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)		
SPX Call 4094.43 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	12/15/2022	12/14/2023	19,765	80,927,001	4094.433	(6,256,250)			(9,550,481)		(9,550,481)	(4,435,463)							0001	
SPX Call 4097.69 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	01/19/2023	01/18/2024	15,389	63,060,001	4097.691		(4,233,000)		(7,859,268)		(7,859,268)	(3,626,268)								0001
SPX Call 4100.32 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	09/15/2022	09/14/2023	17,174	70,417,001	4100.319	(5,457,150)			(6,886,022)		(6,886,022)	(3,528,088)								0001
SPX Call 4147.83 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11/17/2022	11/16/2023	20,017	83,029,001	4147.835	(6,537,250)			(8,322,742)		(8,322,742)	(3,996,304)								0001
SPX Call 4162.25 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	03/16/2023	03/14/2024	18,433	76,723,000	4162.254		(5,066,200)		(9,220,916)		(9,220,916)	(4,154,716)								0001
SPX Call 4168.45 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	12/15/2022	12/14/2023	14,631	60,990,000	4168.453	(4,084,050)			(6,158,619)		(6,158,619)	(2,876,180)								0001
SPX Call 4171.77 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	01/19/2023	01/18/2024	14,107	58,850,000	4171.770		(3,234,000)		(6,341,397)		(6,341,397)	(3,107,397)								0001
SPX Call 4174.44 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	09/15/2022	09/14/2023	13,329	55,640,000	4174.445	(3,770,000)			(4,454,001)		(4,454,001)	(2,279,470)								0001
SPX Call 4197.67 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	12/15/2022	12/14/2023	2,567	10,775,000	4197.671	(680,000)			(1,018,644)		(1,018,644)	(475,857)								0001
SPX Call 4201.01 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	01/19/2023	01/18/2024	2,308	9,697,500	4201.011		(495,000)		(983,039)		(983,039)	(488,039)								0001
SPX Call 4203.7 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	09/15/2022	09/14/2023	1,794	7,542,500	4203.705	(481,600)			(553,278)		(553,278)	(281,904)								0001
SPX Call 4207.41 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	12/15/2022	12/14/2023	100,622	423,360,000	4207.410	(26,166,000)			(39,130,208)		(39,130,208)	(18,275,798)								0001
SPX Call 4210.76 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	01/19/2023	01/18/2024	89,514	376,920,000	4210.758		(18,793,650)		(37,419,601)		(37,419,601)	(18,625,951)								0001
SPX Call 4213.46 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	09/15/2022	09/14/2023	80,741	340,200,000	4213.458	(21,294,000)			(24,209,813)		(24,209,813)	(12,309,065)								0001
SPX Call 4222.82 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11/17/2022	11/16/2023	11,656	49,220,000	4222.819	(3,401,700)			(4,113,515)		(4,113,515)	(1,972,714)								0001
SPX Call 4237.5 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	03/16/2023	03/14/2024	15,908	67,410,000	4237.500		(3,754,800)		(7,017,534)		(7,017,534)	(3,262,734)								0001
SPX Call 4252.42 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11/17/2022	11/16/2023	1,774	7,542,500	4252.418	(491,050)			(582,899)		(582,899)	(278,361)								0001
SPX Call 4262.28 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11/17/2022	11/16/2023	88,431	376,920,000	4262.285	(24,098,450)			(28,353,243)		(28,353,243)	(13,513,395)								0001
SPX Call 4267.2 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	03/16/2023	03/14/2024	2,525	10,775,000	4267.202		(559,000)		(1,056,242)		(1,056,242)	(497,242)								0001
SPX Call 4277.1 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	03/16/2023	03/14/2024	60,349	258,120,000	4277.102		(12,906,000)		(24,789,150)		(24,789,150)	(11,883,150)								0001
SPX Call 4299.02 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	02/16/2023	02/15/2024	14,913	64,111,000	4299.021		(3,990,925)		(5,553,106)		(5,553,106)	(1,562,181)								0001
SPX Call 4340.41 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	04/20/2023	04/18/2024	10,654	46,244,000	4340.409		(2,741,200)		(4,180,450)		(4,180,450)	(1,439,250)								0001
SPX Call 4376.74 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Societe Generale	02/16/2023	02/15/2024	16,135	70,620,000	4376.739		(3,597,000)		(5,078,357)		(5,078,357)	(1,481,357)								0001
SPX Call 4407.42 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	02/16/2023	02/15/2024	2,445	10,775,000	4407.417		(516,000)		(715,903)		(715,903)	(199,903)								0001
SPX Call 4412.15 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	05/18/2023	05/16/2024	10,243	45,193,000	4412.151		(2,592,900)		(3,724,570)		(3,724,570)	(1,131,670)								0001
SPX Call 4417.64 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	02/16/2023	02/15/2024	66,253	292,680,000	4417.643		(13,563,550)		(18,925,121)		(18,925,121)	(5,361,571)								0001
SPX Call 4418.88 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	04/20/2023	04/18/2024	15,497	68,480,000	4418.875		(3,270,400)		(5,214,869)		(5,214,869)	(1,944,469)								0001
SPX Call 4449.85 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	04/20/2023	04/18/2024	1,937	8,620,000	4449.849		(385,600)		(610,637)		(610,637)	(225,037)								0001
SPX Call 4460.17 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	04/20/2023	04/18/2024	48,186	214,920,000	4460.173		(9,173,900)		(14,851,320)		(14,851,320)	(5,677,420)								0001

EOG-10

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE DB - PART A - SECTION 1

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)	
SPX Call 4491.91 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC Royal Bank of Canada	05/18/2023	05/16/2024	14,292	64,199,950	4491.910		(3,003,000)		(4,423,660)		(4,423,660)	(1,420,660)						0001	
SPX Call 4502.21 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	ES71P3U3RH1GC71XBU11	08/18/2022	08/17/2023	24,978	112,456,999	4502.211	(7,447,200)			(1,359,949)		(1,359,949)	(145,233)						0001	
SPX Call 4523.4 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	05/18/2023	05/16/2024	2,382	10,775,000	4523.399		(461,500)		(688,326)		(688,326)	(226,826)						0001	
SPX Call 4533.89 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	05/18/2023	05/16/2024	37,160	168,479,852	4533.890		(7,023,900)		(10,487,921)		(10,487,921)	(3,464,021)						0001	
SPX Call 4583.6 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	08/18/2022	08/17/2023	10,972	50,290,000	4583.602	(2,817,650)			(269,617)		(269,617)	119,342						0001	
SPX Call 4615.73 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	08/18/2022	08/17/2023	1,401	6,465,000	4615.730	(337,500)			(23,999)		(23,999)	19,702						0001	
SPX Call 4626.44 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	08/18/2022	08/17/2023	64,430	298,080,000	4626.439	(15,266,940)			(973,996)		(973,996)	952,329						0001	
SPX Call 4651.56 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	06/15/2023	06/20/2024	8,586	39,937,999	4651.558	(2,131,800)			(2,042,432)		(2,042,432)	89,368						0001	
SPX Call 4735.65 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	06/15/2023	06/20/2024	14,686	69,550,000	4735.649	(2,977,000)			(2,820,033)		(2,820,033)	156,967						0001	
SPX Call 4768.84 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC Royal Bank of Canada	06/15/2023	06/20/2024	2,034	9,697,500	4768.843	(387,450)			(356,478)		(356,478)	30,972						0001	
SPX Call 4779.91 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	06/15/2023	06/20/2024	50,160	239,760,000	4779.907	(9,102,000)			(8,523,187)		(8,523,187)	578,813						0001	
SX5E Call 3651.36 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	07/14/2022	07/20/2023	883	3,225,004	3651.360	(141,300)			(664,327)		(664,327)	(426,263)						0003	
SX5E Call 3702.3 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	07/14/2022	07/20/2023	3,239	11,989,984	3702.300	(456,500)			(2,271,798)		(2,271,798)	(1,497,948)						0003	
SX5E Call 3737.35 10/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	10/20/2022	10/19/2023	859	3,210,001	3737.350	(160,800)			(603,969)		(603,969)	(365,153)						0003	
SX5E Call 3789.72 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	09/15/2022	09/14/2023	847	3,210,004	3789.720	(145,500)			(540,172)		(540,172)	(346,958)						0003	
SX5E Call 3789.74 10/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	10/20/2022	10/19/2023	3,436	13,019,992	3789.740	(573,600)			(2,246,890)		(2,246,890)	(1,390,346)						0003	
SX5E Call 3842.84 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	09/15/2022	09/14/2023	2,682	10,307,500	3842.842	(405,650)			(1,574,239)		(1,574,239)	(1,036,076)						0003	
SX5E Call 4041.8 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	08/18/2022	08/17/2023	794	3,210,000	4041.797	(121,500)			(301,128)		(301,128)	(222,321)						0003	
SX5E Call 4098.46 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	08/18/2022	08/17/2023	2,515	10,307,500	4098.457	(334,400)			(819,785)		(819,785)	(615,252)						0003	
SX5E Call 4104.2 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas Royal Bank of Canada	12/15/2022	12/14/2023	782	3,210,001	4104.200	(121,800)			(318,993)		(318,993)	(209,957)						0003	
SX5E Call 4149.91 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	ES71P3U3RH1GC71XBU11	11/17/2022	11/16/2023	774	3,210,001	4149.910	(130,500)			(272,704)		(272,704)	(186,761)						0003	
SX5E Call 4161.73 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	12/15/2022	12/14/2023	3,911	16,275,000	4161.735	(525,750)			(1,414,441)		(1,414,441)	(945,205)						0003	
SX5E Call 4208.09 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	11/17/2022	11/16/2023	3,094	13,020,000	4208.086	(456,000)			(947,019)		(947,019)	(656,826)						0003	
SX5E Call 4380.88 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	01/19/2023	01/18/2024	733	3,210,000	4380.880	(109,800)			(166,618)		(166,618)	(56,818)						0003	
SX5E Call 4405.17 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	03/16/2023	03/14/2024	607	2,675,001	4405.170	(108,500)			(152,805)		(152,805)	(44,305)						0003	
SX5E Call 4442.29 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	01/19/2023	01/18/2024	3,126	13,887,988	4442.290	(422,400)			(590,815)		(590,815)	(168,415)						0003	
SX5E Call 4466.92 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	03/16/2023	03/14/2024	2,793	12,477,491	4466.920	(432,400)			(598,444)		(598,444)	(166,044)						0003	
SX5E Call 4598.05 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	02/16/2023	02/15/2024	698	3,210,002	4598.050	(103,200)			(87,087)		(87,087)	16,113						0003	
SX5E Call 4662.51 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	02/16/2023	02/15/2024	2,676	12,477,512	4662.510	(333,500)			(260,032)		(260,032)	73,468						0003	

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STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE DB - PART A - SECTION 1

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)	
SX5E Call 4670.68 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U9RH1GC71XBU11	06/15/2023	06/20/2024	573	2,675,001	4670.680		(75,750)		(77,245)		(77,245)	(1,495)						0003	
SX5E Call 4673.17 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMUJISFPUBM8P8K5P83	05/18/2023	05/16/2024	572	2,675,000	4673.172		(82,500)		(70,029)		(70,029)	12,471						0003	
SX5E Call 4691.8 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 11E8VN30JCEQV1H4R804	04/20/2023	04/18/2024	570	2,675,000	4691.800		(90,500)		(68,809)		(68,809)	21,691						0003	
SX5E Call 4736.16 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U9RH1GC71XBU11	06/15/2023	06/20/2024	1,993	9,439,510	4736.160		(216,630)		(220,236)		(220,236)	(3,606)						0003	
SX5E Call 4738.68 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMUJISFPUBM8P8K5P83	05/18/2023	05/16/2024	2,450	11,609,500	4738.683		(291,575)		(241,320)		(241,320)	50,255						0003	
SX5E Call 4757.57 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 11E8VN30JCEQV1H4R804	04/20/2023	04/18/2024	2,623	12,477,492	4757.570		(351,900)		(252,110)		(252,110)	99,790						0003	
0649999999. Subtotal - Written Options - Hedging Other - Call Options and Warrants										(231,706,650)	(136,380,270)		(529,097,543)	XXX	(529,097,543)	(223,698,073)				XXX	XXX		
0709999999. Subtotal - Written Options - Hedging Other										(231,706,650)	(136,380,270)		(529,097,543)	XXX	(529,097,543)	(223,698,073)				XXX	XXX		
0779999999. Subtotal - Written Options - Replications														XXX						XXX	XXX		
0849999999. Subtotal - Written Options - Income Generation														XXX						XXX	XXX		
0919999999. Subtotal - Written Options - Other														XXX						XXX	XXX		
0929999999. Total Written Options - Call Options and Warrants										(231,706,650)	(136,380,270)		(529,097,543)	XXX	(529,097,543)	(223,698,073)				XXX	XXX		
0939999999. Total Written Options - Put Options														XXX						XXX	XXX		
0949999999. Total Written Options - Caps														XXX						XXX	XXX		
0959999999. Total Written Options - Floors														XXX						XXX	XXX		
0969999999. Total Written Options - Collars														XXX						XXX	XXX		
0979999999. Total Written Options - Other														XXX						XXX	XXX		
0989999999. Total Written Options										(231,706,650)	(136,380,270)		(529,097,543)	XXX	(529,097,543)	(223,698,073)				XXX	XXX		
1049999999. Subtotal - Swaps - Hedging Effective Excluding Variable Annuity Guarantees Under SSAP No.108														XXX						XXX	XXX		
1109999999. Subtotal - Swaps - Hedging Effective Variable Annuity Guarantees Under SSAP No.108														XXX						XXX	XXX		
1169999999. Subtotal - Swaps - Hedging Other														XXX						XXX	XXX		
1229999999. Subtotal - Swaps - Replication														XXX						XXX	XXX		
1289999999. Subtotal - Swaps - Income Generation														XXX						XXX	XXX		
1349999999. Subtotal - Swaps - Other														XXX						XXX	XXX		
1359999999. Total Swaps - Interest Rate														XXX						XXX	XXX		
1369999999. Total Swaps - Credit Default														XXX						XXX	XXX		
1379999999. Total Swaps - Foreign Exchange														XXX						XXX	XXX		
1389999999. Total Swaps - Total Return														XXX						XXX	XXX		
1399999999. Total Swaps - Other														XXX						XXX	XXX		
1409999999. Total Swaps														XXX						XXX	XXX		
Bond Forward 30YR UST 3.625 02/15/53	GLWB Hedge	Exhibit 5	Interest Rate	Barclays Bank PLC G5GSEF7VJP5I70UK5573	03/15/2023	12/12/2024	1	50,000,000	100.539				(1,339,564)		(1,339,564)	(1,339,564)					301,537	0009	
Bond Forward 20YR UST 3.625 02/15/43	GLWB Hedge	Exhibit 5	Interest Rate	BNP Paribas ROMUJISFPUBM8P8K5P83	04/18/2023	04/19/2024	1	50,000,000	100.890				(1,087,577)		(1,087,577)	(1,087,577)					224,371	0009	
Bond Forward 20YR UST 3.875 05/15/43	GLWB Hedge	Exhibit 5	Interest Rate	BNP Paribas ROMUJISFPUBM8P8K5P83	06/08/2023	06/13/2024	1	25,000,000	98.755				17,686		17,686	17,686					122,230	0005	
Bond Forward 20YR UST 3.25 05/15/42	GLWB Hedge	Exhibit 5	Interest Rate	Credit Suisse E58DKGMJYYJLN8C3868	07/07/2022	07/11/2023	1	50,000,000	97.093				(3,865,174)		(3,865,174)	(3,865,174)					43,400	0009	
Bond Forward 20YR UST 3.25 05/15/42	GLWB Hedge	Exhibit 5	Interest Rate	Credit Suisse E58DKGMJYYJLN8C3868	07/12/2022	07/12/2023	1	50,000,000	98.554				(4,592,045)		(4,592,045)	(4,592,045)					45,330	0009	
Bond Forward 30YR UST 3.625 05/15/53	GLWB Hedge	Exhibit 5	Interest Rate	JP Morgan 7H6GLXDRUGQF57PNE97	06/12/2023	06/13/2024	1	50,000,000	96.425				504,557		504,557	504,557					244,459	0009	
Bond Forward 20YR UST 3.25 05/15/42	GLWB Hedge	Exhibit 5	Interest Rate	JP Morgan 7H6GLXDRUGQF57PNE97	07/13/2022	01/18/2024	1	50,000,000	97.858				(3,732,116)		(3,732,116)	(3,732,116)					185,981	0009	
Bond Forward 30YR UST 2.875 05/15/52	GLWB Hedge	Exhibit 5	Interest Rate	JP Morgan 7H6GLXDRUGQF57PNE97	07/26/2022	09/19/2023	1	50,000,000	98.123				(5,303,440)		(5,303,440)	(5,303,440)					117,770	0009	
Bond Forward 20YR UST 3.25 05/15/42	GLWB Hedge	Exhibit 5	Interest Rate	JP Morgan 7H6GLXDRUGQF57PNE97	07/26/2022	09/19/2023	1	50,000,000	100.373				(7,333,684)		(7,333,684)	(7,333,684)					234,448	0009	

E06.12

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE DB - PART A - SECTION 1

Showing all Options, Caps, Floors, Collars, Swaps and Forwards Open as of Current Statement Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23																				
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)																				
Bond Forward 30YR UST 2.875 05/15/52	GLWB Hedge	Exhibit 5	Interest Rate	JP Morgan	07/27/2022	09/19/2023	1	30,000,000	97.933				(4,344,411)		(4,344,411)	(4,344,411)				70,662	---	0009																				
Bond Forward 20YR UST 3.625 02/15/43	GLWB Hedge	Exhibit 5	Interest Rate	JP Morgan	04/18/2023	05/16/2024	1	50,000,000	100.979				(1,085,407)		(1,085,407)	(1,085,407)				117,770	---	0009																				
Bond Forward 30YR UST 3.625 05/15/53	GLWB Hedge	Exhibit 5	Interest Rate	JP Morgan	06/28/2023	10/16/2024	1	50,000,000	83.014				(260,602)		(260,602)	(260,602)				284,894	---	0009																				
Bond Forward 30YR UST 2.875 05/15/52	GLWB Hedge	Exhibit 5	Interest Rate	Wells Fargo Bank, N.A.	07/07/2022	12/19/2023	1	50,000,000	94.460				(5,255,862)		(5,255,862)	(5,255,862)				171,616	---	0009																				
Bond Forward 20YR UST 3.25 05/15/42	GLWB Hedge	Exhibit 5	Interest Rate	Wells Fargo Bank, N.A.	07/11/2022	07/12/2023	1	17,000,000	97.358				(1,358,234)		(1,358,234)	(1,358,234)				15,412	---	0005																				
Bond Forward 30YR UST 3.625 05/15/53	GLWB Hedge	Exhibit 5	Interest Rate	Wells Fargo Bank, N.A.	06/21/2023	08/22/2024	1	50,000,000	82.464				65,776		65,776	65,776				267,856	---	0009																				
Bond Forward 30YR UST 3.625 05/15/53	GLWB Hedge	Exhibit 5	Interest Rate	Wells Fargo Bank, N.A.	06/21/2023	08/22/2024	1	20,000,000	82.464				26,310		26,310	26,310				107,142	---	0005																				
1439999999. Subtotal - Forwards - Hedging Other																																										
1479999999. Subtotal - Forwards																																										
1509999999. Subtotal - SSAP No. 108 Adjustments																																										
1689999999. Subtotal - Hedging Effective Excluding Variable Annuity Guarantees Under SSAP No.108																																										
1699999999. Subtotal - Hedging Effective Variable Annuity Guarantees Under SSAP No.108																																										
1709999999. Subtotal - Hedging Other																																										
1719999999. Subtotal - Replication																																										
1729999999. Subtotal - Income Generation																																										
1739999999. Subtotal - Other																																										
1749999999. Subtotal - Adjustments for SSAP No. 108 Derivatives																																										
1759999999 - Totals																																										

(a)

Code	Description of Hedged Risk(s)

(b)

Code	Financial or Economic Impact of the Hedge at the End of the Reporting Period
0001	Hedge of economic liabilities for Fixed Index Universal Life product. The FIUL S&P 500 hedge effectiveness for Q2 2023 met its expectation of effectiveness at 98%
0002	Hedge of economic liabilities for Fixed Index Universal Life product. The FIUL S&P 500 Low Volatility hedge effectiveness for Q2 2023 met its expectation of effectiveness at 100%
0003	Hedge of economic liabilities for Fixed Index Universal Life product. The FIUL Euro Stoxx 50 hedge effectiveness for Q2 2023 met its expectation of effectiveness at 100%
0004	Hedge of economic liabilities for Fixed Index Universal Life product. The FIUL Blended Index hedge effectiveness for Q2 2023 met its expectation of effectiveness at 100%
0005	Hedge of GAAP liabilities for Guaranteed Withdrawal Benefit Annuity product. The GLWB hedge effectiveness for Q2 2023 met its expectation of effectiveness at 93%
0007	Hedge of economic liabilities for Fixed Index Universal Life product. The FIUL S&P 500 Prism hedge effectiveness for Q2 2023 met its expectation of effectiveness at 100%
0008	Hedge of economic liabilities for Fixed Index Universal Life product. The FIUL Rainbow Index hedge effectiveness for Q2 2023 met its expectation of effectiveness at 100%
0009	Hedge of GAAP liabilities for Guaranteed Lifetime Withdrawal Benefit Annuity product. The GLWB hedge effectiveness for Q2 2023 met its expectation of effectiveness at 91%
0010	Hedge of economic liabilities for Fixed Index Annuity product. The FIA Barclays Trailblazer hedge effectiveness for Q2 2023 met its expectation of effectiveness at 100%
0014	Hedge of economic liabilities for Fixed Index Annuity product. The FIA Societe Generale hedge effectiveness for Q2 2023 met its expectation of effectiveness at 100%

EOG.13

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE DB - PART B - SECTION 1

Futures Contracts Open as of the Current Statement Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	Highly Effective Hedges			18	19	20	21	22
														15	16	17					
Ticker Symbol	Number of Contracts	Notional Amount	Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Date of Maturity or Expiration	Exchange	Trade Date	Transaction Price	Reporting Date Price	Fair Value	Book/ Adjusted Carrying Value	Cumulative Variation Margin	Deferred Variation Margin	Change in Variation Margin Gain (Loss) Used to Adjust Basis of Hedged Item	Cumulative Variation Margin for All Other Hedges	Change in Variation Margin Gain (Loss) Recognized in Current Year	Potential Exposure	Hedge Effectiveness at Inception and at Quarter-end (b)	Value of One (1) Point
SFRU3	117	292,500	3-Mon SOFR SEP3	GLWB Hedge	Exhibit 5	Interest Rate	12/20/2023	Chicago Mercantile Exchange Inc. SNZ20JLFFK8MNNCLQ0F39	06/05/2023	94.9000	94.6000					(88,538)	(88,538)	70,200	0005	2,500	
TYU3	573	57,300,000	10YR TNOTES SEP3	GLWB/GLWB Hedge	Exhibit 5	Interest Rate	09/20/2023	Chicago, Inc. The Board of Trade of the City of Chicago, Inc. 549300EX04020BFQT027	05/31/2023	114.2500	112.2700					(1,136,648)	(1,136,648)	1,203,300	0004/0005	100,000	
USU3	809	80,900,000	US T BONDS SEP3	GLWB/GLWB Hedge	Exhibit 5	Interest Rate	09/20/2023	Chicago, Inc. The Board of Trade of the City of Chicago, Inc. 549300EX04020BFQT027	06/23/2023	127.0000	126.9100					(78,156)	(78,156)	3,397,800	0004/0005	100,000	
ESU3	2,034	442,970,207	EMINI S&P SEP3	Equity Portfolio Hedge: FIA/FIUL Hedge	D 2-2/Exhibit 5	Equity/Index	09/15/2023	Chicago Mercantile Exchange Inc. SNZ20JLFFK8MNNCLQ0F39	06/28/2023	4,356.4800	4,488.2500					13,484,818	13,484,818	22,780,800	0002/0006/0007	50	
1539999999. Subtotal - Long Futures - Hedging Other																	12,181,476	12,181,476	27,452,100	XXX	XXX
1579999999. Subtotal - Long Futures																	12,181,476	12,181,476	27,452,100	XXX	XXX
SFRU3	597	1,492,500	3-Mon SOFR SEP3	GLWB/FIA/FIUL Hedge	Exhibit 5	Interest Rate	12/20/2023	Chicago Mercantile Exchange Inc. SNZ20JLFFK8MNNCLQ0F39	06/29/2023	94.7900	94.6000					287,765	287,765	358,200	0004/0006/0007	2,500	
FVU3	28	2,800,000	5YR T NOTES SEP3	GLWB Hedge	Exhibit 5	Interest Rate	09/29/2023	Chicago, Inc. The Board of Trade of the City of Chicago, Inc. 549300EX04020BFQT027	06/08/2023	108.6300	107.0900					43,063	43,063	39,200	0005	100,000	
ESU3	1,512	326,844,848	EMINI S&P SEP3	GLWB/GLWB Hedge	Exhibit 5	Equity/Index	09/15/2023	Chicago Mercantile Exchange Inc. SNZ20JLFFK8MNNCLQ0F39	06/26/2023	4,323.5000	4,488.2500					(12,466,852)	(12,466,852)	16,934,400	0004/0005	50	
MFSU3	813	86,665,135	MSCI EAFE SEP3	GLWB/GLWB Hedge	Exhibit 5	Equity/Index	09/15/2023	Intercontinental Exchange Holdings, Inc. 549300R41G1TWPZT5U32	06/23/2023	2,132.0400	2,155.5000					(955,940)	(955,940)	2,937,940	0004/0005	50	
1609999999. Subtotal - Short Futures - Hedging Other																	(13,091,964)	(13,091,964)	20,269,740	XXX	XXX
1649999999. Subtotal - Short Futures																	(13,091,964)	(13,091,964)	20,269,740	XXX	XXX
1679999999. Subtotal - SSAP No. 108 Adjustments																				XXX	XXX
1689999999. Subtotal - Hedging Effective Excluding Variable Annuity Guarantees Under SSAP No.108																				XXX	XXX
1699999999. Subtotal - Hedging Effective Variable Annuity Guarantees Under SSAP No.108																				XXX	XXX
1709999999. Subtotal - Hedging Other																	(910,488)	(910,488)	47,721,840	XXX	XXX
1719999999. Subtotal - Replication																				XXX	XXX
1729999999. Subtotal - Income Generation																				XXX	XXX
1739999999. Subtotal - Other																				XXX	XXX
1749999999. Subtotal - Adjustments for SSAP No. 108 Derivatives																				XXX	XXX
1759999999 - Totals																	(910,488)	(910,488)	47,721,840	XXX	XXX

E07

Broker Name	Beginning Cash Balance	Cumulative Cash Change	Ending Cash Balance
Morgan Stanley & Co. International plc			
912833707 US Treasury Strip 60,000,000 par, due 11/15/2031			
464287200 IISHARES-C S&P 500, 3,700 shares			
Total Net Cash Deposits			

(a) Code	Description of Hedged Risk(s)

(b) Code	Financial or Economic Impact of the Hedge at the End of the Reporting Period
0002	The Equity Hedge Strategy met its expectation of effectiveness for Q2 2023 in that the total equity exposure (equity holdings + futures) will be within +/- 10% of the portfolio manager's equity target. The equity target will be between 0 and 90% of the fund's market value.

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

(b) Code	Financial or Economic Impact of the Hedge at the End of the Reporting Period
0002	The Equity Hedge Strategy met its expectation of effectiveness for Q2 2023 in that the total equity exposure (equity holdings + futures) will be within +/- 10% of the portfolio manager's equity target. The equity target will be between 0 and 90% of the fund's market value.
0004	Hedge of GAAP liabilities for Guaranteed Withdrawal Benefit Annuity product. The GWB hedge effectiveness for Q2 2023 met its expectation of effectiveness at 93%.
0005	Hedge of GAAP liabilities for Guaranteed Lifetime Withdrawal Benefit Annuity product. The GLWB hedge effectiveness for Q2 2023 met its expectation of effectiveness at 92%.
0006	Hedge of economic liabilities for Fixed Index Annuity product. The FIA hedge effectiveness for Q2 2023 met its expectation of effectiveness at 94%.
0007	Hedge of economic liabilities for Fixed Index Universal Life product. The FIUL hedge effectiveness for Q2 2023 met its expectation of effectiveness at 100%.

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE DB - PART D - SECTION 1

Counterparty Exposure for Derivative Instruments Open as of Current Statement Date

1 Description of Exchange, Counterparty or Central Clearinghouse	2 Master Agreement (Y or N)	3 Credit Support Annex (Y or N)	Counterparty Offset		Book/Adjusted Carrying Value			Fair Value			12 Potential Exposure	13 Off-Balance Sheet Exposure
			4 Fair Value of Acceptable Collateral	5 Present Value of Financing Premium	6 Contracts With Book/Adjusted Carrying Value >0	7 Contracts With Book/Adjusted Carrying Value <0	8 Exposure Net of Collateral	9 Contracts With Fair Value >0	10 Contracts With Fair Value <0	11 Exposure Net of Collateral		
0199999999 - Aggregate Sum of Exchange Traded Derivatives			XXX	XXX	XXX							
Bank of America, N.A.	Y	Y	67,300,000		106,237,239	(39,216,016)		106,237,239	(39,216,016)		47,721,840	47,721,840
Barclays Bank PLC	Y	Y	59,300,000		134,464,615	(72,140,363)	3,024,253	134,464,615	(72,140,363)	3,024,253	301,537	301,537
BNP Paribas	Y	Y	29,447,200		46,300,947	(16,623,480)	230,266	46,300,947	(16,623,480)	230,266	346,601	346,601
Credit Suisse	Y	Y				(8,457,219)			(8,457,219)		88,730	
Goldman Sachs International	Y	Y	53,560,000		146,400,604	(94,391,494)		146,400,604	(94,391,494)			
HSBC Bank PLC	Y	Y	131,150,000		322,298,608	(188,738,000)	2,410,608	322,298,608	(188,738,000)	2,410,608		
JP Morgan	Y	Y			504,557	(22,059,661)		504,557	(22,059,661)		1,255,985	
Morgan Stanley & Co. International plc	Y	Y	22,185,738		26,059,724	(1,157,615)	2,716,371	26,059,724	(1,157,615)	2,716,371		
Royal Bank of Canada	Y	Y	25,440,000		49,277,440	(22,700,813)	1,136,627	49,277,440	(22,700,813)	1,136,627		
Societe Generale	Y	Y	3,000,000		8,887,138	(5,078,357)	808,781	8,887,138	(5,078,357)	808,781		
Truist Bank	Y	Y	10,857,438		29,437,223	(18,588,044)		29,437,223	(18,588,044)			
Wells Fargo Bank, N.A.	Y	Y	47,450,000		129,219,611	(79,504,598)	2,265,013	129,219,611	(79,504,598)	2,265,013	562,026	562,026
0299999999. Total NAIC 1 Designation			449,690,376		999,087,706	(568,655,660)	12,591,919	999,087,706	(568,655,660)	12,591,919	2,554,879	1,210,164
0899999999. Aggregate Sum of Central Clearinghouses (Excluding Exchange Traded)												
0999999999 - Gross Totals			449,690,376		999,087,706	(568,655,660)	12,591,919	999,087,706	(568,655,660)	12,591,919	50,276,718	48,932,004
1. Offset per SSAP No. 64												
2. Net after right of offset per SSAP No. 64					999,087,706	(568,655,660)						

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE DB - PART D - SECTION 2

Collateral for Derivative Instruments Open as of Current Statement Date

Collateral Pledged by Reporting Entity

1 Exchange, Counterparty or Central Clearinghouse	2 Type of Asset Pledged	3 CUSIP Identification	4 Description	5 Fair Value	6 Par Value	7 Book/Adjusted Carrying Value	8 Maturity Date	9 Type of Margin (I, V or IV)
Morgan Stanley & Co. International plc	Other	464287-20-0	1SHARES-C S&P 500	1,649,127	3,700	888,290		IV
Morgan Stanley & Co. International plc	Treasury	912833-70-7	SP 0 11/15/31	43,200,000	60,000,000	52,257,966	11/15/2031	IV
JP Morgan Chase Bank, NA	Treasury	912810-SW-9	T 1.875 02/15/41	2,678,228	3,695,700	3,567,980	02/15/2041	IV
JP Morgan Chase Bank, NA	Treasury	912810-TA-6	T 1.75 08/15/41	9,590,435	13,676,200	13,010,074	08/15/2041	IV
JP Morgan Chase Bank, NA	Treasury	912810-TC-2	T 2.0 11/15/41	1,460,938	2,000,000	2,003,136	11/15/2041	IV
JP Morgan Chase Bank, NA	Treasury	912810-SZ-2	T 2.0 08/15/51	2,327,417	3,421,100	3,475,880	08/15/2051	IV
JP Morgan Chase Bank, NA	Treasury	912810-TB-4	T 1.875 11/15/51	4,611,250	7,000,000	6,448,237	11/15/2051	IV
JP Morgan Chase Bank, NA	Treasury	912810-ST-6	T 1.375 11/15/40	4,441,020	6,650,100	5,857,314	11/15/2040	IV
JP Morgan Chase Bank, NA	Treasury	912810-SU-3	T 1.875 02/15/51	991,406	1,500,000	1,467,727	02/15/2051	IV
Credit Suisse	Money Market Fund	E58DKGMJYYJLN8C3868	Dreyfus Trsy Agy CM INST 521	9,200,000	9,200,000	9,200,000		IV
0199999999 - Total				80,149,821	107,146,800	98,176,604	XXX	XXX

Collateral Pledged to Reporting Entity

1 Exchange, Counterparty or Central Clearinghouse	2 Type of Asset Pledged	3 CUSIP Identification	4 Description	5 Fair Value	6 Par Value	7 Book/Adjusted Carrying Value	8 Maturity Date	9 Type of Margin (I, V or IV)
Wells Fargo Bank NA	Money Market Fund	KB1H1DSPRFMYMCLJXT09	Dreyfus Trsy Agy CM INST 521	47,450,000	47,450,000	XXX		IV
Bank of America NA	Money Market Fund	B4TYDEB6GKMZ0031MB27	Dreyfus Trsy Agy CM INST 521	67,300,000	67,300,000	XXX		IV
Barclays Bank PLC	Money Market Fund	G5GSEF7VJP5170UK5573	Dreyfus Trsy Agy CM INST 521	59,300,000	59,300,000	XXX		IV
BNP Paribas	Money Market Fund	ROMUNWSPUBMPRO8K5P83	Dreyfus Trsy Agy CM INST 521	29,447,200	29,447,200	XXX		IV
Goldman Sachs International	Money Market Fund	W22LR0WP21HZNB6K528	Dreyfus Trsy Agy CM INST 521	53,560,000	53,560,000	XXX		IV
HSBC Bank USA	Money Market Fund	11E8VN30JCEQV1H4R804	Dreyfus Trsy Agy CM INST 521	131,150,000	131,150,000	XXX		IV
Morgan Stanley & Co. International plc	Money Market Fund	4PQUHNGJPFQFN38B653	Dreyfus Trsy Agy CM INST 521	22,185,738	22,185,738	XXX		IV
Royal Bank of Canada	Money Market Fund	E571P3U3RHI6C71XBU11	Dreyfus Trsy Agy CM INST 521	25,440,000	25,440,000	XXX		IV
Societe Generale	Money Market Fund	02RNE81BXP4R0TD8PL41	Dreyfus Trsy Agy CM INST 521	3,000,000	3,000,000	XXX		IV
Truist Bank	Treasury	JJKC32MCHID171265Z06	B .375 12/31/25	10,857,438	12,045,000	XXX	12/31/2025	IV
0299999999 - Total				449,690,376	450,877,938	XXX	XXX	XXX

Schedule DB - Part E - Derivatives Hedging Variable Annuity Guarantees

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

STATEMENT AS OF JUNE 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE E - PART 1 - CASH

Month End Depository Balances

1	2	3	4	5	Book Balance at End of Each Month			9
					During Current Quarter			
Depository	Code	Rate of Interest	Amount of Interest Received During Current Quarter	Amount of Interest Accrued at Current Statement Date	6	7	8	*
					First Month	Second Month	Third Month	
US Bank St Paul, MN .....	.....	.....	(366,038)	.....	(90,725,295)	42,888,419	(11,440,323)	..XXX.
Wells Fargo Bank Minneapolis, MN .....	.....	.....	(32,476)	.....	4,928,780	14,457,556	10,402,016	..XXX.
Bank of New York Mellon Pittsburgh, PA .....	.....	.....	.....	.....	134,660	4,457,490	(288,332)	..XXX.
PNC Bank Pittsburgh, PA .....	.....	.....	.....	.....	7,013,944	1,062,792	2,710,835	..XXX.
FHLB Des Moines, IA .....	.....	.....	.....	.....	.....	168,155	2,378,236	..XXX.
0199998. Deposits in ... 4 depositories that do not exceed the allowable limit in any one depository (See instructions) - Open Depositories	XXX	XXX	.....	.....	125,591	125,554	125,476	XXX
0199999. Totals - Open Depositories	XXX	XXX	(398,514)	.....	(78,522,320)	63,159,966	3,887,908	XXX
0299998. Deposits in ... depositories that do not exceed the allowable limit in any one depository (See instructions) - Suspended Depositories	XXX	XXX	.....	.....	.....	.....	.....	XXX
0299999. Totals - Suspended Depositories	XXX	XXX	.....	.....	.....	.....	.....	XXX
0399999. Total Cash on Deposit	XXX	XXX	(398,514)	(78,522,320)	63,159,966	3,887,908	XXX
0499999. Cash in Company's Office	XXX	XXX	XXX	XXX	XXX
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0599999. Total - Cash	XXX	XXX	(398,514)	(78,522,320)	63,159,966	3,887,908	XXX

Medicare Part D Coverage Supplement

N O N E

Trusted Surplus - Cover

N O N E

Trusted Surplus Statement - Assets

N O N E

Trusted Surplus Statement - Liabilities and Trusted Surplus

N O N E

OVERFLOW PAGE FOR WRITE-INS

NONE