

QUARTERLY STATEMENT

OF THE

MINNESOTA LIFE INSURANCE COMPANY

TO THE

Insurance Department

OF THE

STATE OF

Minnesota

FOR THE QUARTER ENDED
SEPTEMBER 30, 2023

LIFE, ACCIDENT AND HEALTH

FRATERNAL BENEFIT SOCIETIES

2023



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

QUARTERLY STATEMENT

AS OF SEPTEMBER 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

Main Administrative Office 400 Robert Street North, St. Paul, MN, US 55101-2098

Mail Address 400 Robert Street North, St. Paul, MN, US 55101-2098

Primary Location of Books and Records 400 Robert Street North, St. Paul, MN, US 55101-2098

Internet Website Address www.securian.com

Statutory Statement Contact Nicholas David Boehland, nicholas.boehland@securian.com

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

DIRECTORS OR TRUSTEES

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

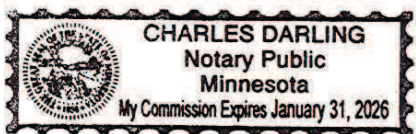
State of Minnesota, County of Ramsey SS:

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.

Signatures of Christopher Michael Hilger, Renee Denise Montz, and Ted James Nistler with their respective titles.

Subscribed and sworn to before me this 01 day of November 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 SEPTEMBER 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	20,546,372,265		20,546,372,265	20,461,058,089
2. Stocks:				
2.1 Preferred stocks	106,546,320		106,546,320	106,205,293
2.2 Common stocks	796,326,663	10,153	796,316,510	916,890,186
3. Mortgage loans on real estate:				
3.1 First liens	5,480,137,321		5,480,137,321	5,263,732,777
3.2 Other than first liens.....				
4. Real estate:				
4.1 Properties occupied by the company (less \$ encumbrances)	49,107,668		49,107,668	48,933,295
4.2 Properties held for the production of income (less \$ encumbrances)				
4.3 Properties held for sale (less \$ encumbrances)				
5. Cash (\$ 18,383,508), cash equivalents (\$ 65,016,901) and short-term investments (\$ 81,886,143)	165,286,550		165,286,550	197,858,062
6. Contract loans (including \$ premium notes)	820,740,655	3,412,113	817,328,542	579,702,101
7. Derivatives	585,426,388		585,426,388	428,575,694
8. Other invested assets	1,645,137,073	5,666,361	1,639,470,712	1,542,308,760
9. Receivables for securities	135,348,200	21,880	135,326,320	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)	30,330,429,102	9,110,507	30,321,318,595	29,582,885,868
13. Title plants less \$ charged off (for Title insurers only)				
14. Investment income due and accrued	213,992,504	2,182,684	211,809,820	203,806,711
15. Premiums and considerations:				
15.1 Uncollected premiums and agents' balances in the course of collection	98,731,425	156,478	98,574,947	87,605,315
15.2 Deferred premiums, agents' balances and installments booked but deferred and not yet due (including \$ earned but unbilled premiums)	71,716,954		71,716,954	69,876,682
15.3 Accrued retrospective premiums (\$) and contracts subject to redetermination (\$)				
16. Reinsurance:				
16.1 Amounts recoverable from reinsurers	335,769,547		335,769,547	312,996,720
16.2 Funds held by or deposited with reinsured companies				
16.3 Other amounts receivable under reinsurance contracts	42,173,716		42,173,716	40,787,361
17. Amounts receivable relating to uninsured plans				
18.1 Current federal and foreign income tax recoverable and interest thereon	73,517,893		73,517,893	27,942,418
18.2 Net deferred tax asset	23,458,383		23,458,383	39,644,162
19. Guaranty funds receivable or on deposit	1,922,571		1,922,571	2,365,199
20. Electronic data processing equipment and software	96,330,949	89,385,631	6,945,318	9,228,774
21. Furniture and equipment, including health care delivery assets (\$)	38,232,420	38,232,420		
22. Net adjustment in assets and liabilities due to foreign exchange rates	33,788		33,788	
23. Receivables from parent, subsidiaries and affiliates	15,769,554		15,769,554	10,674,886
24. Health care (\$) and other amounts receivable	24,696,077	24,696,077		
25. Aggregate write-ins for other than invested assets	58,422,004	50,647,098	7,774,906	26,633,781
26. Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 to 25)	31,425,196,888	214,410,895	31,210,785,993	30,414,447,878
27. From Separate Accounts, Segregated Accounts and Protected Cell Accounts	28,537,842,187		28,537,842,187	28,096,932,500
28. Total (Lines 26 and 27)	59,963,039,075	214,410,895	59,748,628,180	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	50,647,098	50,647,098		
2502. Net Goodwill	7,774,906		7,774,906	12,440,677
2503. Miscellaneous Receivables				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)	58,422,004	50,647,098	7,774,906	26,633,781

STATEMENT AS OF SEPTEMBER 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 \$24,431,173,070 less \$ included in Line 6.3 (including \$6,408,806 Modco Reserve)	24,431,173,070	23,576,921,002
2. Aggregate reserve for accident and health contracts (including \$34,249,419 Modco Reserve)	203,164,308	197,630,978
3. Liability for deposit-type contracts (including \$ Modco Reserve).....	1,613,487,790	1,705,839,925
4. Contract claims:		
4.1 Life	334,951,340	319,287,052
4.2 Accident and health	100,694,820	103,529,169
5. Policyholders' dividends/refunds to members \$ and coupons \$ due and unpaid	6,752	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)	1,423,762	1,278,025
6.2 Policyholders' dividends and refunds to members not yet apportioned (including \$ Modco)	1,476,654	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 \$47,150 discount; including \$46,040 accident and health premiums	1,912,030	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	(41,836,694)	(20,026,371)
9.3 Other amounts payable on reinsurance, including \$ assumed and \$120,326,451 ceded	120,326,451	103,119,246
9.4 Interest Maintenance Reserve	8,826,827	17,884,067
10. Commissions to agents due or accrued-life and annuity contracts \$10,286,461, accident and health \$982,949 and deposit-type contract funds \$	11,269,410	13,803,576
11. Commissions and expense allowances payable on reinsurance assumed	10,095,275	9,195,777
12. General expenses due or accrued	120,724,979	146,754,898
13. Transfers to Separate Accounts due or accrued (net) (including \$ accrued for expense allowances recognized in reserves, net of reinsured allowances)	(241,623,585)	(252,346,922)
14. Taxes, licenses and fees due or accrued, excluding federal income taxes	145,254	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	586	171,496
17. Amounts withheld or retained by reporting entity as agent or trustee	6,107,763	3,032,344
18. Amounts held for agents' account, including \$ agents' credit balances		
19. Remittances and items not allocated	265,402,389	57,817,184
20. Net adjustment in assets and liabilities due to foreign exchange rates		48,390
21. Liability for benefits for employees and agents if not included above	76,224,420	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	370,239,923	336,157,962
24.02 Reinsurance in unauthorized and certified (\$) companies	4,372,924	3,227,013
24.03 Funds held under reinsurance treaties with unauthorized and certified (\$100,828,859) reinsurers	163,327,433	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	100,828,859	
24.08 Derivatives	327,925,045	302,349,392
24.09 Payable for securities	12,412,368	67,916,382
24.10 Payable for securities lending		
24.11 Capital notes \$ and interest thereon \$		
25. Aggregate write-ins for liabilities	165,599,624	6,892,510
26. Total liabilities excluding Separate Accounts business (Lines 1 to 25)	28,338,659,776	27,151,080,490
27. From Separate Accounts Statement	28,520,167,102	28,075,370,996
28. Total liabilities (Lines 26 and 27)	56,858,826,878	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	(117,000,000)	
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	48,838,233	145,123,548
35. Unassigned funds (surplus)	2,518,422,802	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 \$17,675,085 in Separate Accounts Statement)	2,884,801,302	3,279,928,892
38. Totals of Lines 29, 30 and 37	2,889,801,302	3,284,928,892
39. Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3)	59,748,628,180	58,511,380,378
DETAILS OF WRITE-INS		
2501. Accrued interest on policy and contract funds/claims	7,161,072	7,329,713
2502. Miscellaneous liability	1,024,218	11,717
2503. Cost of Reins Liability	157,414,334	(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)	165,599,624	6,892,510
3101. Discretionary liabilities on certain indexed life policies	(117,000,000)	
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)	(117,000,000)	
3401. Deferred gain on reinsurance	355,838,233	402,123,548
3402. Deferred tax valuation adjustment	(307,000,000)	(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)	48,838,233	145,123,548

STATEMENT AS OF SEPTEMBER 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	3,119,096,315	3,568,839,329	4,024,549,142
2. Considerations for supplementary contracts with life contingencies	1,728		
3. Net investment income	714,612,434	703,622,017	1,042,604,054
4. Amortization of Interest Maintenance Reserve (IMR)	(4,076,688)	(1,816,010)	(3,968,819)
5. Separate Accounts net gain from operations excluding unrealized gains or losses			
6. Commissions and expense allowances on reinsurance ceded	106,217,345	299,567,237	588,508,745
7. Reserve adjustments on reinsurance ceded	250,569,312	2,664,135,140	19,485,300,208
8. Miscellaneous Income:			
8.1 Income from fees associated with investment management, administration and contract guarantees from Separate Accounts	209,783,524	196,737,335	212,449,651
8.2 Charges and fees for deposit-type contracts	6,587,997	5,127,562	5,158,738
8.3 Aggregate write-ins for miscellaneous income	84,236,068	76,548,141	95,885,911
9. Totals (Lines 1 to 8.3)	4,487,028,035	7,512,760,751	25,450,487,630
10. Death benefits	771,034,225	767,063,962	984,198,860
11. Matured endowments (excluding guaranteed annual pure endowments)		374,495	(1,612,645)
12. Annuity benefits	327,634,222	299,731,875	400,241,419
13. Disability benefits and benefits under accident and health contracts	95,010,047	97,916,853	124,502,374
14. Coupons, guaranteed annual pure endowments and similar benefits			
15. Surrender benefits and withdrawals for life contracts	1,506,558,051	3,055,723,310	3,829,209,193
16. Group conversions			
17. Interest and adjustments on contract or deposit-type contract funds	52,514,533	21,333,108	39,923,558
18. Payments on supplementary contracts with life contingencies	415,732	1,201,883	1,709,996
19. Increase in aggregate reserves for life and accident and health contracts	892,255,007	(1,033,459,553)	(1,964,368,118)
20. Totals (Lines 10 to 19)	3,645,421,817	3,209,885,934	3,413,804,637
21. Commissions on premiums, annuity considerations, and deposit-type contract funds (direct business only)	347,319,452	389,784,952	515,113,172
22. Commissions and expense allowances on reinsurance assumed	58,508,163	54,535,111	72,130,462
23. General insurance expenses and fraternal expenses	536,364,811	539,264,732	774,169,291
24. Insurance taxes, licenses and fees, excluding federal income taxes	77,590,818	74,973,944	96,776,488
25. Increase in loading on deferred and uncollected premiums	8,111,885	5,005,085	6,065,581
26. Net transfers to or (from) Separate Accounts net of reinsurance	(294,913,608)	285,396,487	368,959,839
27. Aggregate write-ins for deductions	250,857,470	2,872,428,417	19,977,631,370
28. Totals (Lines 20 to 27)	4,629,260,808	7,431,274,661	25,224,650,840
29. Net gain from operations before dividends to policyholders and federal income taxes (Line 9 minus Line 28)	(142,232,773)	81,486,090	225,836,790
30. Dividends to policyholders and refunds to members	2,366,706	(19,040,090)	(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)	(144,599,479)	100,526,180	244,303,935
32. Federal and foreign income taxes incurred (excluding tax on capital gains)	(48,755,429)	56,437,297	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)	(95,844,050)	44,088,883	151,279,653
34. Net realized capital gains (losses) (excluding gains (losses) transferred to the IMR) less capital gains tax of \$ (23,712,596) (excluding taxes of \$ (3,491,297) transferred to the IMR)	(108,435,215)	(149,580,348)	(247,142,338)
35. Net income (Line 33 plus Line 34)	(204,279,265)	(105,491,465)	(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)	(204,279,265)	(105,491,465)	(95,862,685)
38. Change in net unrealized capital gains (losses) less capital gains tax of \$ 19,424,692	99,956,550	(423,656,737)	(351,257,634)
39. Change in net unrealized foreign exchange capital gain (loss)	12,458,623	(4,046,618)	(14,485,515)
40. Change in net deferred income tax	53,238,925	(18,045,388)	(38,259,948)
41. Change in nonadmitted assets	(11,350,779)	(3,056,966)	(14,528,998)
42. Change in liability for reinsurance in unauthorized and certified companies	(1,145,911)	(1,740,566)	(173,389)
43. Change in reserve on account of change in valuation basis, (increase) or decrease	8,469,676		
44. Change in asset valuation reserve	(34,081,960)	115,590,726	115,434,728
45. Change in treasury stock			
46. Surplus (contributed to) withdrawn from Separate Accounts during period	3,771,392	1,118,431	1,215,509
47. Other changes in surplus in Separate Accounts Statement	(3,886,419)	(4,962,111)	(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	(104,993,107)	(4,998,074)	(4,998,073)
53. Aggregate write-ins for gains and losses in surplus	(213,285,315)	9,265,759	289,298,270
54. Net change in capital and surplus for the year (Lines 37 through 53)	(395,127,591)	(440,023,008)	(118,001,185)
55. Capital and surplus, as of statement date (Lines 36 + 54)	2,889,801,302	2,962,907,068	3,284,928,892
DETAILS OF WRITE-INS			
08.301. Miscellaneous administrative and other fees	84,236,068	76,548,141	95,885,911
08.302. Reserve transfers			
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)	84,236,068	76,548,141	95,885,911
2701. Funds Withheld Interest	576,838	440,297	626,638
2702. Deferred gain on reinsurance		231,314,081	436,019,553
2703. IMR Release		(20,817,743)	58,660,725
2798. Summary of remaining write-ins for Line 27 from overflow page	250,280,632	2,661,491,782	19,482,324,454
2799. Totals (Lines 2701 through 2703 plus 2798)(Line 27 above)	250,857,470	2,872,428,417	19,977,631,370
5301. Change in liability for Pension Benefits			11,225,864
5302. Change in deferred gain on reinsurance	(46,285,315)	163,265,759	378,072,406
5303. Change in deferred tax valuation adjustment	(50,000,000)	(154,000,000)	(100,000,000)
5398. Summary of remaining write-ins for Line 53 from overflow page	(117,000,000)		
5399. Totals (Lines 5301 through 5303 plus 5398)(Line 53 above)	(213,285,315)	9,265,759	289,298,270

STATEMENT AS OF SEPTEMBER 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	3,247,706,575	5,879,166,091	7,585,756,881
2. Net investment income	718,494,878	718,960,726	1,071,877,293
3. Miscellaneous income	223,596,335	220,773,254	329,203,096
4. Total (Lines 1 to 3)	4,189,797,788	6,818,900,071	8,986,837,270
5. Benefit and loss related payments	3,092,567,938	4,312,096,049	5,441,727,031
6. Net transfers to Separate Accounts, Segregated Accounts and Protected Cell Accounts	(606,183,754)	188,566,409	339,145,408
7. Commissions, expenses paid and aggregate write-ins for deductions	1,029,494,454	1,069,706,884	1,442,903,644
8. Dividends paid to policyholders	(1,757,487)	11,655,310	13,110,512
9. Federal and foreign income taxes paid (recovered) net of \$ tax on capital gains (losses)	(30,383,859)	(33,465,674)	(73,846,015)
10. Total (Lines 5 through 9)	3,483,737,292	5,548,558,978	7,163,040,580
11. Net cash from operations (Line 4 minus Line 10)	706,060,496	1,270,341,093	1,823,796,690
Cash from Investments			
12. Proceeds from investments sold, matured or repaid:			
12.1 Bonds	1,368,002,635	2,513,196,044	3,153,097,253
12.2 Stocks	178,430,193	290,794,142	306,975,379
12.3 Mortgage loans	339,555,299	455,077,462	623,723,720
12.4 Real estate			
12.5 Other invested assets	63,079,013	116,811,096	145,115,434
12.6 Net gains or (losses) on cash, cash equivalents and short-term investments	450		
12.7 Miscellaneous proceeds	(280,367,675)	(470,582,200)	(592,818,433)
12.8 Total investment proceeds (Lines 12.1 to 12.7)	1,668,699,915	2,905,296,544	3,636,093,353
13. Cost of investments acquired (long-term only):			
13.1 Bonds	1,497,995,200	3,256,736,447	3,976,616,144
13.2 Stocks	84,382,985	258,198,363	270,651,785
13.3 Mortgage loans	559,675,000	764,555,000	1,089,480,000
13.4 Real estate			
13.5 Other invested assets	117,077,937	137,376,467	185,319,458
13.6 Miscellaneous applications			
13.7 Total investments acquired (Lines 13.1 to 13.6)	2,259,131,122	4,416,866,277	5,522,067,387
14. Net increase (or decrease) in contract loans and premium notes	180,997,281	99,818,854	149,412,139
15. Net cash from investments (Line 12.8 minus Line 13.7 and Line 14)	(771,428,488)	(1,611,388,587)	(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	(111,685,354)	97,427,972	111,156,085
16.5 Dividends to stockholders	100,000,000		
16.6 Other cash provided (applied)	194,481,835	49,436,265	(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)	32,796,481	146,864,237	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)	(32,571,511)	(194,183,257)	(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)	165,286,552	141,246,714	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	1,469,819,697	1,683,358,023	2,256,103,750
3. Ordinary individual annuities	415,755,181	498,449,889	637,756,240
4. Credit life (group and individual)	58,770,795	58,672,099	78,920,903
5. Group life insurance	1,053,786,114	1,030,735,785	1,370,465,286
6. Group annuities	2,609,184,697	2,979,386,728	3,989,484,097
7. A & H - group	247,418,186	249,180,710	331,284,477
8. A & H - credit (group and individual)	58,378,888	57,314,021	77,405,314
9. A & H - other	12,073,537	13,283,389	17,448,685
10. Aggregate of all other lines of business			
11. Subtotal (Lines 1 through 10)	5,925,187,095	6,570,380,644	8,758,868,752
12. Fraternal (Fraternal Benefit Societies Only)			
13. Subtotal (Lines 11 through 12)	5,925,187,095	6,570,380,644	8,758,868,752
14. Deposit-type contracts	131,556,769	296,896,978	397,346,106
15. Total (Lines 13 and 14)	6,056,743,864	6,867,277,622	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 SEPTEMBER 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 been granted a permitted accounting practice, effective January 1, 2023, from the Minnesota Department of Commerce to reflect changes in discretionary liabilities held on certain indexed universal life policies through surplus instead of through net income as would be required under NAIC SAP. This permitted practice resulted in a pre-tax increase to net income of \$117 million for the period ended September 30, 2023, and had no impact on the Company's surplus or risk-based capital.

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 #	09/30/2023	12/31/2022
1. Net Income, Minnesota State basis:				\$ (204,279,265)	\$ (95,862,685)
2.State Prescribed Practices:	NONE	NONE	NONE	-	-
3.State Permitted Practices: Permitted use of modified 1959 ADB Table	51	4	19	\$ 727,000	\$ 182,000
4.State Permitted Practices: Permitted discretionary liability presentation	51	4	19	\$ 117,000,000	\$ -
5. Net Income, NAIC SAP:				\$ (322,006,265)	\$ (96,044,685)
6. Statutory Surplus, Minnesota State basis:				\$ 2,889,801,302	\$ 3,284,928,892
7. State Prescribed Practices:	NONE	NONE	NONE	-	-
8. State Permitted Practices: Permitted use of modified 1959 ADB Table	51	4	37	\$ 5,689,000	\$ 6,416,000
9. Statutory Surplus, NAIC SAP:				\$ 2,884,112,302	\$ 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 SEPTEMBER 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 SEPTEMBER 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
553514AL4	4,103,000	3,146,293	956,707	3,146,293	3,146,293	09/30/2023
Total	\$ 9,105,626	\$ 7,249,293	\$ 1,856,333	\$ 7,249,293	\$ 6,754,506	

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 September 30, 2023:

	Aggregate	Less than 12 Months	12 Months or Longer
A. Gross Unrealized Losses	565,684,367	35,849,224	529,835,143
B. Fair Value of Securities with Unrealized Losses	3,687,527,421	913,019,897	2,774,507,524

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	\$ 9,323,559	\$ 6,432,137	\$ 8,645,092	\$ 6,430,033
(2) LB&SS - AC	-	1	-	250,000	-	262,043
(3) Preferred Stock - AC	-	-	-	-	-	-
(4) Preferred Stock - FV	-	-	-	-	-	-
Total	4	4	\$ 9,323,559	\$ 6,682,137	\$ 8,645,092	\$ 6,692,076

P. Not applicable

Q. Prepayment Penalty and Acceleration Fees

	General Account	Separate Account
(1) Number of CUSIPs	5	1
(2) Aggregate amount of investment income	\$ (551,531)	\$ (47,362)

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 \$951,973,000 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	951,973,000	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 SEPTEMBER 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	1,317,898,000	1,530,592,000	170,000,000

2. Current Year General Account	Fair Value	Carrying Value	Aggregate Total Borrowing
Total Collateral Pledged	1,317,898,000	1,530,592,000	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	-	-

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	\$ -	\$ -	\$ 57	\$ 147	-	-
b. Interest cost	1,570	1,755	136	128	-	-
c. Expected return on plan assets	(1,341)	(1,804)	-	-	-	-
d. Transition asset or obligation			-	-	-	-
e. Gains and losses	-	1,712	(261)	(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	\$ 229	\$ 1,663	\$ (68)	\$ (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

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 September 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		6	\$ 140,226	\$ 130,003	\$ (8,481)

(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 September 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 SEPTEMBER 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 September 30, 2023 (in thousands):

Description	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Total
Cash equivalents	\$ 55,083	\$ -	\$ -	\$ -	\$ 55,083
Bonds					
Industrial and misc	\$ -	\$ -	\$ -		\$ -
Common stock:					
Industrial and misc	\$ 297,951	-	\$ 10,962	-	\$ 308,913
Preferred stocks	\$ 6,832	\$ 22,126	\$ -	-	\$ 28,958
Derivative assets:					
Swaps	\$ -	\$ -	\$ -	\$ -	\$ -
Futures	-	-	-	-	-
Options	-	585,082	-	-	585,082
Total derivatives	\$ -	\$ 585,082	\$ -	\$ -	\$ 585,082
Separate account assets	\$ 5,294,410	\$ 23,240,274	\$ 3,058	\$ -	\$ 28,537,842
Total assets	\$ 5,654,276	\$ 23,847,482	\$ 14,020	\$ -	\$ 29,515,778
Derivative liabilities	\$ -	\$ (327,925)	\$ -	\$ -	\$ (327,925)
Total liabilities	\$ -	\$ (327,925)	\$ -	\$ -	\$ (327,925)

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

(in thousands)	Balance at 06/30/2023	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 09/30/2023
Common stocks	\$ 11,014	\$ -	\$ -	\$ -	\$ (52)	\$ -	\$ -	\$ -	\$ 10,962
Separate account assets	\$ 8,588	-	-	-	(772)	3,048	(7,806)	-	\$ 3,058
Total	\$ 19,602	\$ -	\$ -	\$ -	\$ (824)	\$ 3,048	\$ (7,806)	\$ -	\$ 14,020

- Transfers of securities among the levels occur at the beginning of the reporting period.
- 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 SEPTEMBER 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 September 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	\$ 17,124,365	\$ 20,546,372	\$ 176,213	\$ 13,803,957	\$ 3,144,195	\$ -	\$ -
Common stock	308,913	325,713	297,951	-	10,962	-	16,800
Preferred stock	94,145	106,546	7,533	22,126	64,486	-	-
Mortgage loans	4,715,431	5,480,137	-	-	4,715,431	-	-
Short terms	81,870	81,886	81,870	-	-	-	-
Cash Equivalents	65,017	65,017	65,017	-	-	-	-
Surplus Notes	124,661	184,131	-	124,661	-	-	-
Total investments	\$ 22,514,402	\$ 26,789,802	\$ 628,584	\$ 13,950,744	\$ 7,935,074	\$ -	\$ 16,800
Derivative Assets:							
Futures & Forward Contracts	\$ 345	\$ 345	\$ -	\$ 345	\$ -	\$ -	\$ -
Options	585,082	585,082	-	585,082	-	-	-
	-	-	-	-	-	-	-
Total derivatives	\$ 585,427	\$ 585,427	\$ -	\$ 585,427	\$ -	\$ -	\$ -
Policy loans	\$ 861,137	\$ 817,329	\$ -	\$ -	\$ 861,137	\$ -	\$ -
Separate account assets	\$ 28,537,842	\$ 28,537,842	\$ 5,294,410	\$ 23,240,374	\$ 3,058	\$ -	\$ -
Total assets	\$ 52,498,808	\$ 56,730,400	\$ 5,922,994	\$ 37,776,545	\$ 8,799,269	\$ -	\$ 16,800
Liabilities:							
Derivative liabilities:	\$ (327,925)	\$ (327,925)	\$ -	\$ (327,925)	\$ -	\$ -	\$ -
Total liabilities	\$ (327,925)	\$ (327,925)	\$ -	\$ (327,925)	\$ -	\$ -	\$ -
Deferred annuities	\$ 2,027,053	\$ 2,016,980	\$ -	\$ -	\$ 2,027,053	\$ -	\$ -
Annuity certain contracts	\$ 125,926	\$ 133,255	\$ -	\$ -	\$ 125,926	\$ -	\$ -
Other fund deposits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Supplementary contracts without life contingencies	\$ 179,573	\$ 179,573	\$ -	\$ -	\$ 179,573	\$ -	\$ -
Separate account liabilities	\$ 24,648,674	\$ 24,648,674	\$ 5,294,410	\$ 19,351,206	\$ 3,058	\$ -	\$ -
Total liabilities	\$ 26,653,301	\$ 26,650,557	\$ 5,294,410	\$ 19,023,281	\$ 2,335,610	\$ -	\$ -

D. The following table provides a summary of financial assets with a not practicable carrying value as of September 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

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>09/30/2023</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	113,192	142,918
Prior years	(16,083)	(16,035)
Total incurred	97,109	126,613
Paid related to:		
Current year	41,921	56,983
Prior years	56,401	67,177
Total paid	98,322	124,160
Net balance at end of period	135,803	137,016
Plus: reinsurance recoverable	453,596	480,886
Balance at end period	<u>\$ 589,399</u>	<u>\$ 617,902</u>

The liability for unpaid accident and health claim adjustment expenses as of September 30, 2023, and 2022 was \$2,807,000 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) \$(16,083,000) and \$(16,305,000) as of September 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 \$1,459,000 and paid \$1,431,000 of claim adjustment expenses in the current year, of which \$854,000 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

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

PART 1 - COMMON INTERROGATORIES

GENERAL

- 1.1 Did the reporting entity experience any material transactions requiring the filing of Disclosure of Material Transactions with the State of Domicile, as required by the Model Act? Yes [] No [X]
- 1.2 If yes, has the report been filed with the domiciliary state? Yes [] No []
- 2.1 Has any change been made during the year of this statement in the charter, by-laws, articles of incorporation, or deed of settlement of the reporting entity? Yes [] No [X]
- 2.2 If yes, date of change:
- 3.1 Is the reporting entity a member of an Insurance Holding Company System consisting of two or more affiliated persons, one or more of which is an insurer? 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 Securian Trust Company was sold to a nonaffiliate company during third quarter 2023.
- 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
Asset Allocation & Management Company, LLC	Chicago, IL	NO	NO	NO	YES
Securian Asset Management	St. Paul, MN	NO	NO	NO	YES

STATEMENT AS OF SEPTEMBER 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: \$ 3,247,088

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 - 8,090,919 Pledged as collateral (excluding FHLB) - 102,668,441 Pledged as Collateral to FHLB - 1,530,592,136 Other - 174,987
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 | 2 |
|---|---|--|
| | Prior Year-End
Book/Adjusted
Carrying Value | Current Quarter
Book/Adjusted
Carrying Value |
| 14.21 Bonds | \$ | \$ |
| 14.22 Preferred Stock | \$ | \$ |
| 14.23 Common Stock | \$ 480,704,464 | \$ 470,613,526 |
| 14.24 Short-Term Investments | \$ | \$ |
| 14.25 Mortgage Loans on Real Estate | \$ | \$ |
| 14.26 All Other | \$ 204,680,485 | \$ 258,658,770 |
| 14.27 Total Investment in Parent, Subsidiaries and Affiliates (Subtotal Lines 14.21 to 14.26) | \$ 685,384,949 | \$ 729,272,296 |
| 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.

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 SEPTEMBER 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.....

- 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	5URRAMPU5ELNW8AQJB87	SEC	NO.....
277065	Macquarie Asset Management .....	.....	SEC	NO.....
111383	Templeton Investment Counsel, LLC .....	.....	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:

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 SEPTEMBER 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\$..... 5,483,852,478
- 1.14 Total Mortgages in Good Standing\$..... 5,483,852,478
- 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)\$..... 5,483,852,478
- 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 32.000 %
- 2.2 A&H cost containment percent 0.160 %
- 2.3 A&H expense percent excluding cost containment expenses 64.000 %
- 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:
.....
- 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 SEPTEMBER 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	L	20,751,674	3,055,868	13,010,463	2,381,420	39,199,425	593,355
2. Alaska	AK	L	3,171,948	258,179	1,036,864	2,479,011	6,946,002	2,488
3. Arizona	AZ	L	84,515,295	8,952,115	8,215,353	42,664,062	144,346,825	6,228,685
4. Arkansas	AR	L	6,716,465	1,655,133	2,002,225	26,007,970	36,381,793	49,110
5. California	CA	L	249,925,279	37,571,431	27,944,260	192,774,386	508,215,356	22,185,550
6. Colorado	CO	L	46,124,386	9,487,322	3,519,822	71,694,533	130,826,063	2,063,087
7. Connecticut	CT	L	24,682,154	9,312,873	2,846,957	9,756,999	46,598,983	4,174,415
8. Delaware	DE	L	25,760,690	2,705,019	810,298	585,921	29,861,928	488,924
9. District of Columbia	DC	L	2,396,916	1,073,923	332,927	1,965,333	5,769,099	44,307
10. Florida	FL	L	153,596,628	72,394,128	26,767,562	65,994,359	318,752,677	14,775,395
11. Georgia	GA	L	54,947,810	12,718,796	13,644,196	50,876,959	132,187,761	11,320,100
12. Hawaii	HI	L	13,772,106	6,950,626	3,365,512	1,814,139	25,902,383	4,932,184
13. Idaho	ID	L	13,048,036	1,106,113	1,884,468	6,174,825	22,213,442	14,727,049
14. Illinois	IL	L	79,582,527	24,009,502	5,312,792	179,146,217	288,051,038	4,265,086
15. Indiana	IN	L	47,580,574	12,520,359	5,655,368	130,365,724	196,122,025	830,506
16. Iowa	IA	L	42,150,758	8,855,239	2,169,394	20,905,538	74,080,929	398,157
17. Kansas	KS	L	16,949,318	4,939,775	2,519,478	13,107,298	37,515,869	2,174,696
18. Kentucky	KY	L	13,850,190	2,671,988	3,601,551	19,151,928	39,275,657	156,135
19. Louisiana	LA	L	42,494,885	8,024,295	3,261,638	27,966,361	81,747,179	2,164,585
20. Maine	ME	L	4,604,051	2,184,742	1,398,512	1,200,473	9,387,778	4,452
21. Maryland	MD	L	36,171,373	8,869,002	4,643,132	22,500,135	72,183,642	781,684
22. Massachusetts	MA	L	48,358,564	11,563,204	4,284,813	103,350,778	167,557,359	2,882,922
23. Michigan	MI	L	109,640,187	21,237,568	13,731,866	41,526,927	186,136,548	6,333,882
24. Minnesota	MN	L	95,352,329	39,866,815	3,321,976	621,877,481	760,418,601	12,842,738
25. Mississippi	MS	L	20,018,710	3,284,797	5,813,693	24,244,146	53,361,346	1,001,995
26. Missouri	MO	L	54,968,963	13,798,709	5,770,676	57,760,582	132,298,930	2,192,423
27. Montana	MT	L	8,539,713	731,955	512,781	1,791,916	11,576,365	7,353
28. Nebraska	NE	L	28,016,752	7,323,944	1,240,111	33,569,277	70,150,084	560,010
29. Nevada	NV	L	16,968,339	6,368,260	2,075,114	10,432,342	35,844,055	606,513
30. New Hampshire	NH	L	9,758,989	2,870,530	1,028,442	2,048,634	15,706,595	39,545
31. New Jersey	NJ	L	62,261,365	23,997,566	4,664,236	12,115,770	103,038,937	3,296,520
32. New Mexico	NM	L	12,303,333	1,803,944	2,331,294	1,396,032	17,834,603	897,933
33. New York	NY	N	20,165,473	7,178	396,176	844,014	21,412,841	167,445
34. North Carolina	NC	L	51,254,179	124,754,192	16,351,694	22,561,770	214,921,835	1,053,458
35. North Dakota	ND	L	10,315,296	7,610,058	1,068,991	11,250,686	30,245,031	35,750
36. Ohio	OH	L	73,583,457	42,197,323	15,294,933	10,135,248	141,210,961	1,916,187
37. Oklahoma	OK	L	20,566,098	5,769,540	4,948,485	26,715,543	57,999,666	774,124
38. Oregon	OR	L	19,045,374	6,259,735	4,565,159	2,060,806	31,931,074	3,103,779
39. Pennsylvania	PA	L	77,077,713	72,595,517	12,004,460	32,755,571	194,433,261	1,627,974
40. Rhode Island	RI	L	7,581,421	2,801,241	492,830	1,268,657	12,144,149	889,279
41. South Carolina	SC	L	25,360,072	31,048,483	12,036,146	4,795,104	73,239,805	3,926,688
42. South Dakota	SD	L	7,635,175	719,361	515,345	21,035,182	29,905,063	16,458
43. Tennessee	TN	L	49,199,068	7,536,907	8,222,817	30,441,386	95,400,178	1,854,271
44. Texas	TX	L	255,602,797	51,023,651	33,574,183	102,065,325	442,265,956	11,361,440
45. Utah	UT	L	25,524,381	2,183,825	4,019,154	87,468,695	119,196,055	1,001,771
46. Vermont	VT	L	5,363,824	2,822,293	326,272	185,677	8,698,066	43,672
47. Virginia	VA	L	275,060,459	15,044,173	8,783,890	17,774,816	316,663,338	10,609,215
48. Washington	WA	L	37,503,014	6,368,350	8,727,506	18,158,019	70,756,889	3,194,217
49. West Virginia	WV	L	6,835,971	1,187,333	2,367,203	273,802	10,664,309	634,313
50. Wisconsin	WI	L	127,671,366	11,569,224	2,755,162	76,796,674	218,792,426	(34,084,216)
51. Wyoming	WY	L	3,000,539	303,045	502,609	750,196	4,556,389	350,712
52. American Samoa	AS	N						
53. Guam	GU	L	92,848		380,448		473,296	
54. Puerto Rico	PR	L	463,181	29,165	84,961		577,307	25,837
55. U.S. Virgin Islands	VI	L	202		5		207	
56. Northern Mariana Islands	MP	N						
57. Canada	CAN	N	132,488		1,739		134,227	825
58. Aggregate Other Aliens	OT	XXX	1,024,789	454,272	21,994		1,501,055	31,786
59. Subtotal	XXX		2,549,039,492	764,448,586	316,159,936	2,266,964,647	5,896,612,661	131,556,769
90. Reporting entity contributions for employee benefits plans	XXX							
91. Dividends or refunds applied to purchase paid-up additions and annuities	XXX		21,153,961				21,153,961	
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		4,163,284		543,495		4,706,779	
94. Aggregate or other amounts not allocable by State	XXX							
95. Totals (Direct Business)	XXX		2,574,356,737	764,448,586	316,703,431	2,266,964,647	5,922,473,401	131,556,769
96. Plus Reinsurance Assumed	XXX		636,955,471		31,326,249	118,649	668,400,369	
97. Totals (All Business)	XXX		3,211,312,208	764,448,586	348,029,680	2,267,083,296	6,590,873,770	131,556,769
98. Less Reinsurance Ceded	XXX		1,307,529,475	(2,336,155)	40,649,942	1,972,499,211	3,318,342,473	
99. Totals (All Business) less Reinsurance Ceded	XXX		1,903,782,733	766,784,741	307,379,738	294,584,085	3,272,531,297	131,556,769
DETAILS OF WRITE-INS								
58001. Other Aliens	XXX		1,024,789	454,272	21,994		1,501,055	31,786
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		1,024,789	454,272	21,994		1,501,055	31,786
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:

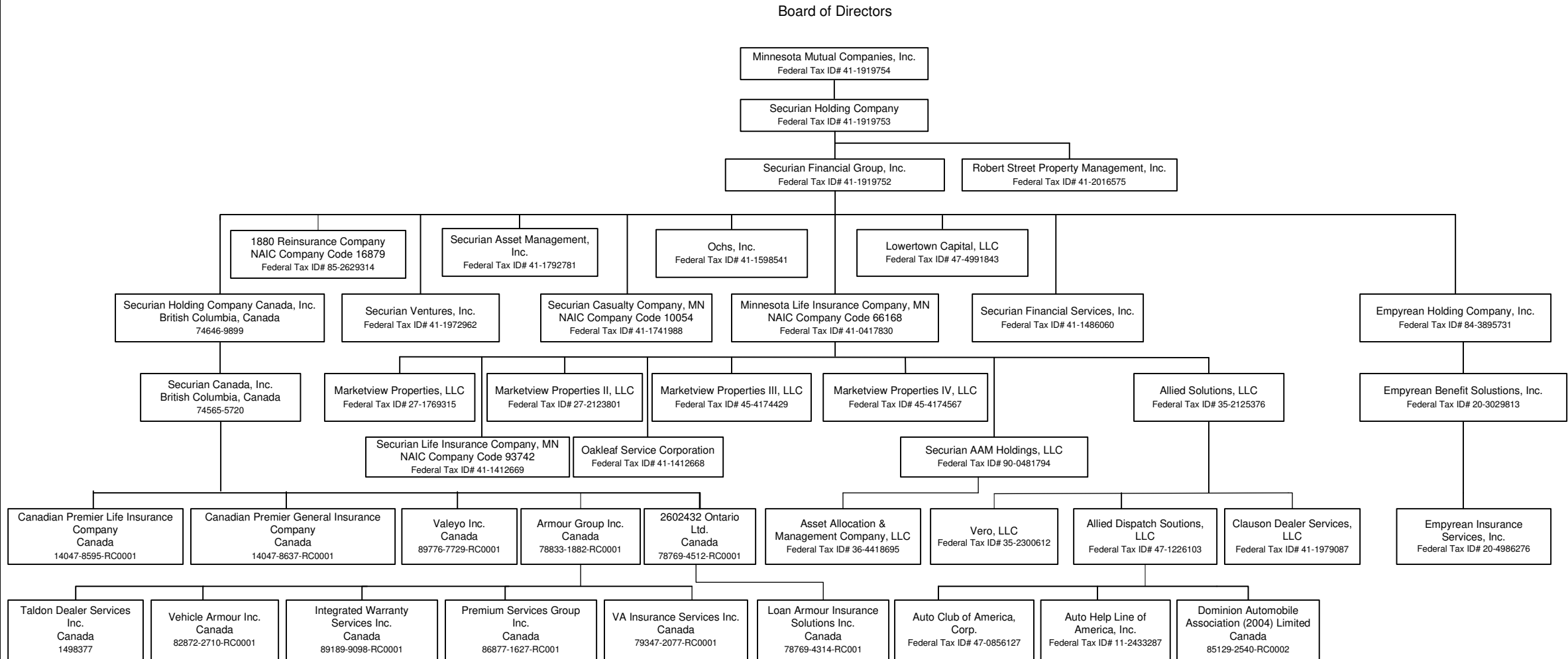
- | | |
|--|--|
| 1. L - Licensed or Chartered - Licensed insurance carrier or domiciled RRG..... 53 | 4. Q - Qualified - Qualified or accredited reinsurer..... |
| 2. R - Registered - Non-domiciled RRGs..... | 5. N - None of the above - Not allowed to write business in the state..... 4 |
| 3. E - Eligible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

STATEMENT AS OF SEPTEMBER 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 SEPTEMBER 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	MN	RE	SECURIAN FINANCIAL GROUP, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			41-1919754				MINNESOTA MUTUAL COMPANIES, INC.	MN	UIP	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			41-1412668				OAKLEAF SERVICE CORPORATION	MN	DS	MINNESOTA LIFE INSURANCE COMPANY	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			41-1598541				OCHS, INC.	MN	NIA	SECURIAN FINANCIAL GROUP, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	

STATEMENT AS OF SEPTEMBER 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	Domi-ciliary Location	Relation-ship 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 Re-quired? (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	
			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

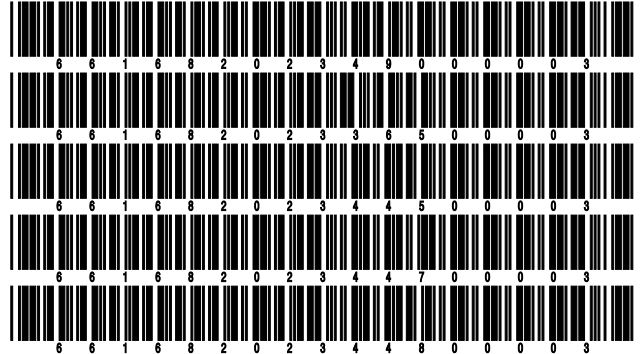
9. Will the regulator-only (non-public) Communication of Internal Control Related Matters Noted in Audit be filed with the state of domicile and electronically with the NAIC (as a regulator-only non-public document) by August 1? The response for 1st and 3rd quarters should be N/A. A NO response resulting 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	250,280,632	2,661,491,782	19,482,324,454
2705. Change in MODCO receivable asset			
2797. Summary of remaining write-ins for Line 27 from overflow page	250,280,632	2,661,491,782	19,482,324,454

Additional Write-ins for Summary of Operations Line 53

	1 Current Year To Date	2 Prior Year To Date	3 Prior Year Ended December 31
5304. Change in discretionary liabilities on certain indexed life policies	(117,000,000)		
5397. Summary of remaining write-ins for Line 53 from overflow page	(117,000,000)		

STATEMENT AS OF SEPTEMBER 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	2,248,771	
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	2,074,398	2,974,055
9. Book/adjusted carrying value at the end of current period (Lines 1+2+3+4-5+6-7-8)	49,107,668	48,933,295
10. Deduct total nonadmitted amounts		
11. Statement value at end of current period (Line 9 minus Line 10)	49,107,668	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	559,675,000	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	339,555,299	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)	5,483,852,478	5,263,732,777
12. Total valuation allowance	(3,715,157)	
13. Subtotal (Line 11 plus Line 12)	5,480,137,321	5,263,732,777
14. Deduct total nonadmitted amounts		
15. Statement value at end of current period (Line 13 minus Line 14)	5,480,137,321	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	122,395,702	195,439,707
2.2 Additional investment made after acquisition		
3. Capitalized deferred interest and other		
4. Accrual of discount	3,236	4,328
5. Unrealized valuation increase (decrease)	29,638,626	44,570,256
6. Total gain (loss) on disposals	31,773,010	48,588,048
7. Deduct amounts received on disposals	73,946,882	150,119,117
8. Deduct amortization of premium and depreciation	7,635,956	9,061,274
9. Total foreign exchange change in book/adjusted carrying value		
10. Deduct current year's other than temporary impairment recognized	5,407,105	5,430,631
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)	1,645,137,073	1,548,316,442
12. Deduct total nonadmitted amounts	5,666,361	6,007,684
13. Statement value at end of current period (Line 11 minus Line 12)	1,639,470,712	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	1,616,353,270	4,358,573,998
3. Accrual of discount	14,896,291	12,672,654
4. Unrealized valuation increase (decrease)	(37,193,178)	(105,182,267)
5. Total gain (loss) on disposals	(400,139)	(61,834,688)
6. Deduct consideration for bonds and stocks disposed of	1,580,078,214	6,396,357,427
7. Deduct amortization of premium	21,997,496	33,402,333
8. Total foreign exchange change in book/adjusted carrying value	(674,296)	(1,653,862)
9. Deduct current year's other than temporary impairment recognized	22,291,788	15,859,688
10. Total investment income recognized as a result of prepayment penalties and/or acceleration fees	(3,533,342)	(265,678)
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10)	21,449,245,020	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)	21,449,234,867	21,484,153,759

STATEMENT AS OF SEPTEMBER 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)	11,806,749,938	404,998,151	370,045,211	37,864,624	11,473,247,821	11,806,749,938	11,879,567,502	11,666,382,212
2. NAIC 2 (a)	8,115,248,979	160,906,999	79,006,860	(30,121,197)	8,150,836,502	8,115,248,979	8,167,027,921	8,270,652,952
3. NAIC 3 (a)	586,269,766	1,679,693	43,928,235	(23,482,178)	574,263,374	586,269,766	520,539,046	594,715,427
4. NAIC 4 (a)	69,429,591	2,115,200	28,220,310	12,100,677	76,627,030	69,429,591	55,425,158	67,174,252
5. NAIC 5 (a)	11,521,046	21,012	2,358,677	140,178	11,930,738	11,521,046	9,323,559	13,814,910
6. NAIC 6 (a)	6,358,350			(49,013)	6,293,000	6,358,350	6,309,337	
7. Total Bonds	20,595,577,670	569,721,055	523,559,293	(3,546,909)	20,293,198,464	20,595,577,670	20,638,192,523	20,612,739,753
PREFERRED STOCK								
8. NAIC 1	76,825,000				76,825,000	76,825,000	76,825,000	76,825,000
9. NAIC 2	25,403,714			(74,891)	25,041,675	25,403,714	25,328,823	24,831,452
10. NAIC 3	2,444,211		440,465	(59,420)	2,272,568	2,444,211	1,944,326	2,487,855
11. NAIC 4	1,910,883			45,165	1,888,374	1,910,883	1,956,048	1,578,022
12. NAIC 5	457,900			34,222	494,050	457,900	492,122	482,964
13. NAIC 6								
14. Total Preferred Stock	107,041,708		440,465	(54,924)	106,521,666	107,041,708	106,546,319	106,205,293
15. Total Bonds and Preferred Stock	20,702,619,378	569,721,055	523,999,758	(3,601,833)	20,399,720,130	20,702,619,378	20,744,738,842	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 \$ 91,820,257 ; NAIC 2 \$; NAIC 3 \$; NAIC 4 \$; NAIC 5 \$; NAIC 6 \$

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STATEMENT AS OF SEPTEMBER 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
7709999999 Totals	81,886,143	xxx	80,322,566		

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	100,897,445	60,731,970
3. Accrual of discount	2,142,286	179,283
4. Unrealized valuation increase (decrease)		
5. Total gain (loss) on disposals	(15,239)	
6. Deduct consideration received on disposals	82,048,489	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)	81,886,143	60,910,186
11. Deduct total nonadmitted amounts		
12. Statement value at end of current period (Line 10 minus Line 11)	81,886,143	60,910,186

STATEMENT AS OF SEPTEMBER 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	239,690,401
3. Unrealized Valuation increase/(decrease)	145,724,464
4. SSAP No. 108 adjustments	
5. Total gain (loss) on termination recognized	(148,955,414)
6. Considerations received/(paid) on terminations	118,498,556
7. Amortization	
8. Adjustment to the Book/Adjusted Carrying Value of hedged item	
9. Total foreign exchange change in Book/Adjusted Carrying Value	13,314,146
10. Book/Adjusted Carrying Value at End of Current Period (Lines 1+2+3+4+5-6+7+8+9)	257,501,343
11. Deduct nonadmitted assets	
12. Statement value at end of current period (Line 10 minus Line 11)	257,501,343

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	(12,684,856)
3.14 Section 1, Column 18, prior year	(2,045,201) (10,639,655) (10,639,655)
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	(12,684,856)
3.24 Section 1, Column 19, prior year plus	(2,045,201)
3.25 SSAP No. 108 adjustments	(10,639,655) (10,639,655)
3.3 Subtotal (Line 3.1 minus Line 3.2)	
4.1 Cumulative variation margin on terminated contracts during the year	(3,379,101)
4.2 Less:	
4.21 Amount used to adjust basis of hedged item	
4.22 Amount recognized	(3,379,101)
4.23 SSAP No. 108 adjustments	(3,379,101)
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 SEPTEMBER 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.....	257,501,343
2.	Part B, Section 1, Column 15 plus Part B, Section 1 Footnote - Total Ending Cash Balance.....	.....
3.	Total (Line 1 plus Line 2)	257,501,343
4.	Part D, Section 1, Column 6	585,426,388
5.	Part D, Section 1, Column 7	(327,925,045)
6.	Total (Line 3 minus Line 4 minus Line 5) .....	.....
		Fair Value Check
7.	Part A, Section 1, Column 16	257,501,343
8.	Part B, Section 1, Column 13 .....	.....
9.	Total (Line 7 plus Line 8)	257,501,343
10.	Part D, Section 1, Column 9	585,426,388
11.	Part D, Section 1, Column 10	(327,925,045)
12.	Total (Line 9 minus Line 10 minus Line 11) .....	.....
		Potential Exposure Check
13.	Part A, Section 1, Column 21	3,232,548
14.	Part B, Section 1, Column 20	60,548,358
15.	Part D, Section 1, Column 12	63,780,906
16.	Total (Line 13 plus Line 14 minus Line 15) .....	.....

STATEMENT AS OF SEPTEMBER 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	3,249,311,443	6,829,147,534
3. Accrual of discount	468,756	296,346
4. Unrealized valuation increase (decrease)		
5. Total gain (loss) on disposals	450	(2,658)
6. Deduct consideration received on disposals	3,387,012,869	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)	65,016,901	202,249,120
11. Deduct total nonadmitted amounts		
12. Statement value at end of current period (Line 10 minus Line 11)	65,016,901	202,249,120

STATEMENT AS OF SEPTEMBER 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			884,274
0199999. Acquired by Purchase					63,008,464			884,274
0399999 - Totals					63,008,464			884,274

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														8,689,331	14,471,453
Minnesota Life Center 401 Building	Saint Paul	MN.	09/30/2022	Direct				2,074,397			(2,074,397)							6,413,254	12,909,218
0199999. Property Disposed								2,074,397			(2,074,397)							15,102,585	27,380,671
0399999 - Totals								2,074,397			(2,074,397)							15,102,585	27,380,671

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STATEMENT AS OF SEPTEMBER 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									
2880	Fort Worth		TX		07/06/2023	5.463	22,000,000		60,200,000	
2884	Westwood		NJ		08/03/2023	5.883	25,500,000		55,800,000	
2887	Brooklyn Park		IN		07/11/2023	5.165	3,610,000		6,650,000	
2888	Torrance		CA		08/04/2023	4.953	6,500,000		12,200,000	
2889	Somerville		NJ		07/13/2023	5.097	8,500,000		15,000,000	
2890	Eldersburg		MD		08/02/2023	5.000	3,630,000		18,700,000	
2891	Ellicott City		MD		08/02/2023	5.000	3,865,000		14,900,000	
2893	San Diego		CA		09/01/2023	5.150	3,000,000		11,700,000	
2894	Melville		NY		08/03/2023	5.637	7,700,000		17,500,000	
2896	Canal Winchester		OH		08/21/2023	4.977	5,000,000		13,720,000	
2897	Reynoldsburg		OH		08/21/2023	4.977	9,000,000		25,540,000	
2898	Santa Clara		CA		09/12/2023	4.996	5,200,000		11,950,000	
2899	High Point		NC		07/28/2023	5.243	4,200,000		9,600,000	
2900	Newark		DE		08/04/2023	5.477	18,250,000		38,450,000	
2901	Princeton		NJ		08/11/2023	5.470	5,250,000		12,400,000	
2902	Maspeth		NY		08/29/2023	5.408	22,500,000		51,300,000	
2903	Middleburg Heights		OH		08/25/2023	5.206	5,450,000		11,750,000	
2904	Reading		PA		09/15/2023	5.405	33,500,000		59,200,000	
2905	Irving		TX		08/02/2023	5.459	6,000,000		17,120,000	
2907	Whippany		NJ		08/15/2023	5.336	5,250,000		25,900,000	
2908	Beaverton		OR		08/30/2023	5.600	4,000,000		9,570,000	
2909	Petaluma		CA		09/29/2023	5.565	9,500,000		29,500,000	
2911	Sherwood		OR		09/07/2023	5.546	6,300,000		13,540,000	
2912	Lorton		VA		09/15/2023	5.613	7,000,000		14,900,000	
2913	Livonia		MI		09/26/2023	5.504	30,000,000		59,350,000	
2916	Portland		OR		09/28/2023	5.889	4,000,000		8,550,000	
0599999	Mortgages in good standing - Commercial mortgages-all other							264,705,000		624,990,000
0899999	Total Mortgages in good standing							264,705,000		624,990,000
1699999	Total - Restructured Mortgages									
2499999	Total - Mortgages with overdue interest over 90 days									
3299999	Total - Mortgages in the process of foreclosure									
3399999	Totals							264,705,000		624,990,000

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					
1555	San Antonio	TX		09/05/2008	09/05/2023	1,371,907							1,222,339	1,222,339			
1679	Glen Ellyn	IL		11/17/2011	09/29/2023	2,546,124							2,372,557	2,372,557			
1793	Portland	OR		07/25/2013	07/24/2023	3,326,723							3,235,274	3,235,274			
1808	Cleveland	OH		08/29/2013	07/26/2023	1,640,957							1,494,122	1,494,122			
1813	Reston	VA		11/07/2013	09/20/2023	3,059,998							2,962,171	2,962,171			
1814	Petaluma	CA		10/30/2013	09/29/2023	9,308,712							9,020,672	9,020,672			
1815	Ellicott City	MD		10/29/2013	08/02/2023	3,180,682							3,088,154	3,088,154			

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STATEMENT AS OF SEPTEMBER 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
1816	Eldersburg	MD		10/29/2013	08/02/2023	3,370,008						3,271,972	3,271,972			
2668	Allentown	PA		04/16/2021	08/21/2023	5,181,250						5,103,413	5,103,413			
0A01679	Glen Ellyn	IL		01/17/2019	09/29/2023	2,863,507						2,669,854	2,669,854			
0A01808	Cleveland	OH		07/18/2017	07/26/2023	2,843,213						2,701,049	2,701,049			
0199999. Mortgages closed by repayment						38,693,081						37,141,577	37,141,577			
1395	Medley	FL		07/20/2005		1,569,587							128,219			
1399	Opa Locka	FL		07/20/2005		1,848,607							151,144			
1407	Houston	TX		07/18/2005		511,824							46,103			
1453	Selma	TX		06/12/2006		580,819							37,717			
1497	Philadelphia	PA		01/17/2007		643,188							35,123			
1509	Bolingbrook	IL		07/06/2007		1,748,662							78,327			
1510	Lincolnton	NC		05/22/2007		3,694,313							75,793			
1517	Laredo	TX		06/15/2007		638,172							31,373			
1553	San Mateo	CA		07/29/2008		1,869,465							71,667			
1555	San Antonio	TX		09/05/2008		1,371,908							50,640			
1569	Chula Vista	CA		05/28/2009		2,028,214							65,448			
1583	Oxon Hill	MD		08/28/2009		378,820							53,224			
1584	Laurel	MD		08/28/2009		376,415							52,781			
1590	Glen Burnie	MD		10/26/2009		518,839							66,247			
1596	Vancouver	WA		12/17/2009		1,266,109							36,933			
1597	Spokane	WA		12/29/2009		751,821							87,940			
1609	San Jose	CA		07/01/2010		1,694,341							45,914			
1611	Van Buren Township	MI		07/12/2010		3,236,551							290,526			
1615	Asheville	NC		07/21/2010		1,745,297							156,955			
1628	Asheville	NC		11/29/2010		5,304,953							139,414			
1629	San Diego	CA		03/01/2011		2,687,365							67,587			
1633	Seattle	WA		01/10/2011		561,736							42,128			
1635	Stockton	CA		05/16/2011		1,023,939							24,703			
1639	Austin	TX		02/22/2011		819,522							34,959			
1640	Eugene	OR		03/14/2011		788,988							55,961			
1647	Fletcher	NC		05/19/2011		4,739,172							113,573			
1655	Kent	WA		06/15/2011		1,284,573							84,001			
1660	San Jose	CA		12/01/2011		2,656,360							153,450			
1666	North Canton	OH		08/22/2011		2,271,016							52,721			
1668	Various	NM		10/19/2011		10,149,687							228,210			
1679	Glen Ellyn	IL		11/17/2011		2,546,124							58,535			
1685	Durham	NC		02/06/2012		425,430							66,576			
1694	West Jefferson	NC		05/03/2012		1,580,181							44,806			
1698	Minnetonka	MN		04/11/2012		935,095							19,711			
1701	Albuquerque	NM		05/14/2012		433,062							71,745			
1703	Midvale	UT		05/30/2012		1,195,844							25,377			
1724	Tallahassee	FL		09/17/2012		1,472,562							65,241			
1728	Hendersonville	NC		08/09/2012		2,350,344							40,169			
1729	Santa Fe	NM		08/16/2012		1,244,203							24,956			
1731	Charleston	SC		10/23/2012		1,383,223							43,845			
1733	East Moline	IL		10/17/2012		2,769,100							130,652			
1734	Topeka	KS		10/25/2012		4,943,998							98,956			
1735	Southern Pines	NC		09/27/2012		10,076,355							199,611			
1736	Monrovia	CA		11/20/2012		1,420,933							66,327			
1739	Seattle	WA		10/30/2012		1,173,821							55,648			
1740	Kirkland	WA		11/05/2012		1,470,026							68,419			

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STATEMENT AS OF SEPTEMBER 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
1741	Woodburn	OR		12/20/2012		2,273,553							30,390			
1742	Eugene	OR		12/20/2012		2,275,292							36,287			
1743	Indio	CA		12/20/2012		1,757,709							33,813			
1744	Carrollton	TX		12/20/2012		1,655,670							33,842			
1745	Minneapolis	MIN.		11/29/2012		1,986,041							41,223			
1746	Burnsville	MIN.		11/29/2012		2,073,175							43,031			
1747	Denver	CO		12/27/2012		2,484,658							31,368			
1748	San Antonio	TX		12/21/2012		3,053,861							58,384			
1759	Culver City	CA		04/08/2013		6,192,651							120,965			
1760	New Hope	MIN.		03/27/2013		527,411							22,938			
1762	Pearland	TX		04/23/2013		1,308,277							55,153			
1770	St. Louis Park	MIN.		05/28/2013		1,028,293							42,852			
1771	St. Louis Park	MIN.		09/03/2013		2,890,733							54,186			
1773	San Jose	CA		06/03/2013		2,084,405							85,419			
1774	Carol Stream	IL		05/16/2013		1,545,695							59,738			
1775	Pacifica	CA		05/01/2013		1,640,207							69,523			
1778	Tacoma	WA		06/13/2013		6,465,197							119,976			
1788	Houston	TX		06/03/2013		2,587,887							105,692			
1791	Anchorage	AK		08/01/2013		687,221							13,414			
1793	Portland	OR		07/25/2013		3,326,723							13,179			
1795	San Diego	CA		08/08/2013		820,029							801,537			
1797	Hopewell	VA		08/15/2013		1,920,975							36,206			
1798	Cleveland	OH		10/03/2013		7,378,633							83,316			
1800	Houston	TX		08/19/2013		2,977,967							34,226			
1802	Palo Alto	CA		07/25/2013		5,668,241							139,527			
1806	Schertz	TX		09/12/2013		3,082,009							56,938			
1807	El Paso	TX		10/24/2013		1,478,674							53,179			
1808	Cleveland	OH		08/29/2013		1,640,957							21,226			
1812	Totowa	NJ		09/26/2013		3,473,749							36,688			
1813	Reston	VA		11/07/2013		3,059,998							32,994			
1814	Petaluma	CA		10/30/2013		9,308,712							97,175			
1815	Ellicott City	MD		10/29/2013		3,180,682							23,393			
1816	Eldersburg	MD		10/29/2013		3,370,008							24,785			
1818	Lakewood	CO		11/13/2013		6,840,116							75,051			
1823	Keizer	OR		12/03/2013		2,097,426							36,176			
1825	Kingwood	TX		01/22/2014		5,087,796							87,419			
1830	Millbrae	CA		12/16/2013		4,208,781							57,621			
1831	Asheville	NC		05/29/2014		6,805,076							101,781			
1832	Coconut Creek	FL		12/09/2013		4,009,959							29,383			
1833	Miami	FL		03/12/2014		6,221,218							51,412			
1836	Garfield Heights	OH		01/30/2014		6,011,465							98,419			
1837	Brea	CA		07/01/2014		2,910,931							21,307			
1838	Azusa	CA		07/01/2014		2,328,745							17,046			
1839	Huntington Beach	CA		07/01/2014		7,485,251							54,790			
1840	Oxnard	CA		07/01/2014		4,158,473							30,439			
1841	Redlands	CA		07/01/2014		2,495,084							18,263			
1842	Lake Forest	CA		07/01/2014		4,990,167							36,527			
1843	Camarillo	CA		07/01/2014		5,406,014							39,571			
1844	Camarillo	CA		07/01/2014		6,320,878							46,267			
1845	Santee	CA		07/01/2014		914,864							6,697			
1847	Sun City West	AZ		03/27/2014		3,896,365							40,674			

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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
1848	Lynnwood	WA		04/29/2014		784,463							111,075			
1849	Annapolis	MD		04/17/2014		4,905,643							50,897			
1853	Victor	NY		07/01/2014		1,751,637							28,403			
1855	Hanover	MD		05/15/2014		2,324,260							24,420			
1856	Roseville	MIN.		04/10/2014		1,204,702							41,537			
1857	Totowa	NJ		05/20/2014		1,592,813							15,630			
1858	Rockville	MD		05/12/2014		4,703,908							47,949			
1859	Silver Spring	MD		04/01/2014		6,606,574							114,641			
1860	Silver Spring	MD		04/01/2014		808,968							14,038			
1861	Silver Spring	MD		04/01/2014		4,853,809							84,226			
1864	Frisco	TX		04/29/2014		4,330,938							43,445			
1869	The Woodlands	TX		06/25/2014		2,907,204							30,722			
1870	Lincoln	NE		09/10/2014		11,431,748							187,440			
1872	Akron	OH		07/15/2014		2,707,289							46,723			
1877	Hayward	CA		07/30/2014		1,309,124							14,147			
1878	Woodbridge	VA		09/09/2014		2,675,355							28,518			
1881	Joppa	MD		09/02/2014		1,879,102							19,461			
1889	Chanhassen	MIN.		08/18/2014		2,052,454							34,789			
1890	Bel Air	MD		09/29/2014		2,325,019							24,827			
1892	Edwardsville	IL		09/25/2014		8,635,313							89,991			
1893	Ladue	MO		10/02/2014		5,737,139							59,817			
1895	Cheektowaga	NY		12/05/2014		4,091,533							42,171			
1897	Tukwila	WA		10/29/2014		739,706							95,495			
1899	Rochester	NY		10/07/2014		2,405,025							77,522			
1916	New Braunfels	TX		12/04/2014		6,113,315							43,264			
1920	Greenfield	WI		12/15/2014		3,444,366							107,841			
1921	Lewis Center	OH		02/12/2015		3,310,427							99,513			
1925	Santee	CA		04/01/2015		2,263,137							36,376			
1934	Mountlake Terrace	WA		12/17/2014		4,420,158							72,911			
1935	District Heights	MD		01/28/2015		4,361,496							44,745			
1936	Sylmar	CA		02/05/2015		2,830,074							29,481			
1939	Brecksville	OH		04/06/2015		1,180,081							17,519			
1940	Poland	OH		02/26/2015		2,421,622							38,305			
1941	West Allis	WI		02/17/2015		752,642							22,791			
1942	Wilmington	DE		05/11/2015		5,987,956							60,050			
1943	Pasadena	TX		03/26/2015		5,148,960							82,065			
1946	Mesa	AZ		05/14/2015		3,193,576							32,026			
1947	Pembroke Park	FL		01/23/2015		17,680,704							117,093			
1948	Pembroke Park	FL		01/23/2015		2,253,423							14,924			
1949	Pembroke Park	FL		01/23/2015		866,701							5,740			
1952	Brecksville	OH		04/29/2015		1,887,837							19,795			
1953	New Castle	DE		04/14/2015		3,117,534							32,339			
1954	Abingdon	MD		04/10/2015		12,344,678							87,158			
1956	Aliso Viejo	CA		04/29/2015		2,100,119							34,517			
1957	Frisco	TX		05/18/2015		2,358,862							37,252			
1958	Various	WI		05/18/2015		3,957,474							85,197			
1960	Park City	UT		05/27/2015		2,705,772							27,433			
1961	Mauldin	SC		05/19/2015		3,789,318							38,105			
1963	Annapolis	MD		06/17/2015		3,942,047							63,228			
1965	San Diego	CA		06/08/2015		2,066,792							15,081			
1966	San Diego	CA		06/08/2015		2,783,842							20,313			

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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
1967	Calabasas	CA		06/26/2015		1,762,873							13,163			
1968	San Antonio	TX		05/27/2015		1,428,773							22,591			
1969	Issaquah	WA		06/10/2015		2,287,725							36,202			
1970	Danville	CA		07/01/2015		2,458,780							17,509			
1971	Los Angeles	CA		08/13/2015		4,424,226							32,093			
1972	Los Angeles	CA		08/18/2015		2,290,598							16,264			
1973	Santa Fe Springs	CA		08/13/2015		1,799,326							13,052			
1974	Grapevine	TX		06/11/2015		2,234,997							34,740			
1975	Sparks	MD		06/16/2015		5,375,155							53,252			
1979	Livermore	CA		07/10/2015		2,695,588							19,924			
1980	Hood River	OR		07/10/2015		4,296,093							31,754			
1981	Seattle	WA		07/01/2015		3,096,288							47,653			
1982	Greenfield	WI		06/29/2015		5,584,952							38,662			
1983	Cudahy	WI		06/29/2015		2,789,269							28,274			
1985	Germantown	MD		07/22/2015		3,540,156							35,594			
1987	Spokane	WA		07/28/2015		3,717,350							26,241			
1988	Warrenton	VA		08/17/2015		15,384,617							109,239			
1989	East Aurora	NY		08/10/2015		1,856,910							53,433			
1990	St. Louis Park	MN		08/05/2015		2,067,245							31,873			
1991	Macedonia	OH		07/23/2015		2,449,572							38,227			
1993	Anaheim	CA		07/29/2015		3,699,664							27,080			
1994	Calabasas	CA		08/18/2015		9,234,822							67,400			
1995	Fenton	MO		09/15/2015		2,174,887							41,704			
1996	Notttingham	MD		08/27/2015		3,674,135							25,464			
2001	Clearwater	FL		09/03/2015		14,534,164							122,219			
2002	Plymouth Township	MI		08/28/2015		1,703,300							26,360			
2003	Saint Paul	MN		09/17/2015		4,898,187							70,047			
2004	Madison	WI		08/24/2015		4,771,114							62,876			
2005	Chicago	IL		09/09/2015		1,627,700							15,528			
2006	Phoenix	AZ		08/24/2015		2,113,171							20,163			
2007	Athens	GA		10/01/2015		1,857,699							27,168			
2008	Clearwater	FL		09/24/2015		4,337,090							27,861			
2009	Ventura	CA		12/09/2015		2,484,224							35,500			
2011	Boca Raton	FL		11/19/2015		1,714,358							25,031			
2013	Kingsport	TN		12/09/2015		2,827,384							45,955			
2014	Boston	MA		11/19/2015		10,820,591							56,929			
2015	Winona	MN		12/16/2015		5,864,007							84,623			
2016	Cedarburg	WI		12/16/2015		2,843,565							41,250			
2017	Clifton	NJ		12/03/2015		4,000,000							17,884			
2018	Rockaway	NJ		12/03/2015		5,500,000							24,591			
2019	Cincinnati	OH		12/15/2015		1,486,755							21,921			
2020	Shelby	OH		11/23/2015		5,366,163							48,900			
2021	Milwaukee	WI		12/16/2015		3,741,534							54,276			
2022	Miami	FL		12/10/2015		14,847,393							95,956			
2023	Hollywood	FL		11/24/2015		5,324,416							32,752			
2024	Westwood	MA		01/28/2016		6,592,383							61,177			
2025	Lynnfield	MA		12/16/2015		2,086,449							19,165			
2026	Addison	TX		12/17/2015		3,306,691							30,824			
2027	Peoria	AZ		12/14/2015		2,590,472							36,399			
2028	Dallas	TX		12/10/2015		1,307,825							12,464			
2029	Dallas	TX		02/04/2016		7,495,138							68,571			

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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
2030	Littleton	CO		01/20/2016		6,681,761											61,596
2031	Tustin	CA		02/18/2016		962,667											25,346
2032	Des Moines	IA		01/14/2016		3,216,069											29,759
2033	San Diego	CA		02/11/2016		2,024,057											18,283
2035	Huntington Beach	CA		02/01/2016		3,245,638											20,564
2036	Addison	TX		01/21/2016		6,136,101											89,319
2037	Wareham	MA		02/16/2016		4,412,983											39,438
2038	Louisville	KY		02/01/2016		4,690,381											43,778
2039	Independence	OH		02/24/2016		1,954,492											15,980
2040	Madison	WI		02/25/2016		1,905,281											39,267
2041	Santa Clara	CA		04/01/2016		1,436,211											37,527
2042	Greece	NY		06/30/2016		57,088,581											361,556
2043	Mukilteo	WA		03/24/2016		6,855,022											86,621
2044	Scottsdale	AZ		02/23/2016		2,150,469											19,767
2046	Freedom	PA		04/12/2016		4,027,008											36,852
2047	Jackson Township	OH		04/12/2016		4,607,939											40,547
2048	Erie	PA		08/11/2016		3,943,943											33,614
2049	Temecula	CA		06/01/2016		1,917,537											17,348
2050	Coeur d'Alene	ID		05/11/2016		4,597,847											63,860
2052	Brookfield	WI		04/25/2016		1,904,885											17,620
2053	Wauwatosa	WI		04/25/2016		1,946,295											18,003
2054	Wauwatosa	WI		04/25/2016		1,656,421											15,321
2055	Brookfield	WI		04/25/2016		1,449,369											13,406
2059	Portland	OR		04/01/2016		5,426,792											49,427
2061	Santa Clarita	CA		05/06/2016		4,012,425											26,327
2062	Green	OH		05/04/2016		11,004,425											156,915
2063	Brookhaven	GA		05/19/2016		4,703,110											119,940
2065	Chardon	OH		08/11/2016		2,524,668											22,331
2069	Chula Vista	CA		06/06/2016		16,528,450											153,845
2071	Huntington	CA		07/07/2016		20,162,725											134,602
2072	New Hope	MN		06/01/2016		1,259,994											11,319
2073	Macon	GA		09/01/2016		2,170,858											52,705
2074	Kirkland	WA		05/23/2016		3,480,117											32,327
2075	Middle River	MD		06/29/2016		1,657,633											15,480
2076	Buffalo	NY		06/28/2016		2,050,735											13,521
2077	Greenbelt	MD		06/30/2016		13,969,959											125,315
2079	Pasadena	CA		09/08/2016		1,918,819											27,040
2080	Pembroke Pines	FL		08/22/2016		3,265,895											78,092
2081	Lauderhill	FL		08/22/2016		1,799,575											43,031
2082	Minneapolis	MINN		08/15/2016		6,803,705											78,893
2083	Brookfield	WI		10/12/2016		7,024,758											94,741
2084	Broadview Heights	OH		11/10/2016		4,448,263											41,935
2085	San Antonio	TX		08/19/2016		3,257,760											29,806
2086	Hyattsville	MD		08/30/2016		3,170,567											44,463
2088	Hillsboro	OR		12/19/2016		2,065,482											47,186
2091	Covington	KY		08/19/2016		2,336,301											21,481
2092	Elktown	MD		09/23/2016		4,429,612											40,713
2093	Peoria	AZ		08/04/2016		1,681,662											14,934
2094	Buffalo	NY		10/13/2016		2,710,975											20,536
2095	Beachwood	OH		11/03/2016		4,118,643											31,776
2096	Plymouth	MINN		11/11/2016		5,229,661											48,524

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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
2097	Seattle	WA		10/03/2016		2,708,281							18,317			
2098	Catonsville	MD		08/05/2016		12,567,199							116,827			
2100	Williamsville	NY		12/12/2016		13,609,866							94,481			
2101	Vernon Hills	IL		08/25/2016		3,285,663							32,287			
2103	Ontario	CA		09/01/2016		1,668,720							24,170			
2107	Blue Springs	MO		10/11/2016		2,206,390							29,566			
2108	Akron	OH		10/19/2016		17,990,068							161,763			
2109	Akron	OH		10/19/2016		3,174,717							28,547			
2110	North Olmsted	OH		09/29/2016		5,329,053							47,728			
2111	Chula Vista	CA		09/29/2016		10,413,312							127,050			
2112	High Point	NC		11/10/2016		1,473,612							19,986			
2114	Pewaukee	WI		10/26/2016		2,428,571							23,147			
2115	Wallingford	CT		09/01/2016		1,418,785							13,032			
2116	Independence	OH		10/12/2016		3,048,348							44,058			
2117	Pleasanton	CA		10/14/2016		8,991,790							85,365			
2118	St. Louis	MO		11/14/2016		6,830,479							63,122			
2119	Troy	MI		03/30/2017		2,304,535							20,055			
2120	Depew	NY		11/17/2016		2,312,176							55,976			
2122	Denver	CO		11/22/2016		3,031,917							27,301			
2123	Austin	TX		12/07/2016		9,812,750							77,852			
2124	Gilbert	AZ		11/08/2016		3,354,414							31,820			
2127	San Diego	CA		10/31/2016		11,043,988							138,792			
2128	Pleasanton	CA		11/14/2016		2,341,343							21,789			
2131	Sarasota	FL		12/15/2016		1,348,662							78,642			
2132	Houston	TX		12/07/2016		6,955,463							59,510			
2133	Houston	TX		02/02/2017		2,271,339							31,027			
2134	Lehi	UT		02/01/2017		2,946,257							27,006			
2138	White Marsh	MD		01/12/2017		2,105,366							19,260			
2139	Indianapolis	IN		01/30/2017		5,258,273							35,804			
2140	Tukwila	WA		04/06/2017		2,057,100							47,342			
2141	Spring	TX		01/18/2017		2,089,121							46,882			
2142	Methuen	MA		07/06/2017		8,299,600							68,235			
2143	Akron	OH		02/06/2017		3,790,126							34,234			
2144	Sylmar	CA		03/01/2017		7,523,692							68,133			
2145	Downey	CA		02/01/2017		8,850,054							80,634			
2146	San Antonio	TX		04/03/2017		9,319,673							79,963			
2147	Canton	OH		02/23/2017		9,627,766							124,793			
2150	Austin	TX		03/09/2017		3,822,353							34,091			
2151	Delaware	OH		02/13/2017		2,421,341							33,358			
2152	Webster	NY		05/08/2017		14,934,963							91,710			
2153	Independence	OH		02/03/2017		3,265,643							23,583			
2154	Kaukauna	WI		02/09/2017		1,871,313							16,437			
2155	El Cajon	CA		03/01/2017		3,074,482							26,459			
2158	Horseheads	NY		02/23/2017		2,563,914							77,416			
2159	Salem	OR		07/06/2017		3,305,547							39,823			
2161	Parker	CO		03/23/2017		5,392,750							32,495			
2163	San Mateo	CA		04/10/2017		5,635,801							47,396			
2164	Milwaukee	WI		05/18/2017		15,657,978							200,935			
2165	Milwaukee	WI		05/18/2017		9,347,813							112,381			
2167	Baltimore	MD		04/05/2017		1,807,243							15,183			
2171	El Paso	TX		07/03/2017		12,088,067							201,752			

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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)					
2174	Boston	MA		05/03/2017		5,373,928							45,758			
2175	Maple Valley	WA		04/27/2017		2,590,476							35,169			
2176	El Cajon	CA		05/18/2017		5,171,744							43,444			
2177	Milwaukee	WI		05/18/2017		9,952,727							111,747			
2178	Colonie	NY		11/30/2017		36,334,432							208,997			
2181	Kirkland	WA		05/01/2017		2,813,997							24,817			
2182	Richmond	CA		06/01/2017		3,101,087							39,359			
2183	Jackson Township	OH		06/15/2017		7,708,340							68,874			
2184	Cutler Ridge	FL		07/18/2017		4,051,729							32,559			
2185	Richmond	VA		05/23/2017		2,644,268							15,953			
2186	Houston	TX		06/12/2017		3,986,818							32,759			
2188	Sandusky	OH		06/29/2017		1,613,287							20,514			
2189	Norwalk	CA		05/25/2017		4,380,077							37,529			
2190	Rancho Santa Margari	CA		12/01/2017		2,034,281							16,126			
2191	Cincinnati	OH		07/27/2017		3,305,841							19,568			
2192	Vernon	CA		07/13/2017		3,092,023							22,027			
2193	Eagle River	AK		08/31/2017		4,199,769							139,795			
2194	Carrollton	TX		07/13/2017		2,354,574							29,448			
2198	Woodinville	WA		07/17/2017		3,356,668							28,946			
2200	Wilmington	NC		08/01/2017		3,012,394							25,977			
2202	Lincoln	NE		11/01/2017		3,765,729							31,284			
2203	York	PA		08/01/2017		3,973,315							33,589			
2204	Eagan	MN		12/14/2017		15,203,399							193,107			
2205	Ocean City	NJ		09/01/2017		3,340,668							72,851			
2206	Las Vegas	NV		08/29/2017		5,128,316							40,568			
2208	Charlestown	MA		01/25/2018		1,961,323							16,700			
2209	Dallas	TX		09/05/2017		2,803,658							39,258			
2210	Scottsdale	AZ		08/15/2017		9,461,909							82,639			
2211	New Berlin	WI		08/14/2017		5,534,221							121,124			
2212	Madison	WI		07/31/2017		4,027,659							33,516			
2213	Sheffield	OH		10/18/2017		2,865,069							24,210			
2214	Alexandria	VA		08/23/2017		5,878,863							49,914			
2215	Towson	MD		11/06/2017		5,580,585							46,424			
2217	Hockessin	DE		12/05/2017		12,075,082							101,574			
2218	Westmont	IL		08/30/2017		9,885,784							85,982			
2219	Lincoln	MA		09/27/2017		4,536,338							56,079			
2220	Flagstaff	AZ		08/17/2017		4,015,909							87,576			
2221	Fairlawn	OH		10/11/2017		4,132,584							87,220			
2222	Louisville	CO		12/13/2017		4,205,376							34,326			
2223	Sacramento	CA		10/13/2017		2,681,656							23,144			
2224	Hockessin	DE		10/05/2017		2,201,403							19,220			
2225	Roslyn	NY		10/05/2017		4,041,614							52,629			
2226	Alsip	IL		09/14/2017		5,561,347							46,289			
2227	Willowbrook	IL		10/10/2017		7,079,229							73,971			
2228	Hyattsville	MD		10/17/2017		3,130,579							26,202			
2229	Highland	CA		10/30/2017		3,056,237							23,577			
2231	San Diego	CA		01/04/2018		3,048,473							24,946			
2234	Norwalk	CA		12/21/2017		8,684,761							261,174			
2235	Lutherville-Timonium	MD		12/06/2017		10,407,753							127,280			
2236	Overland Park	KS		02/01/2018		7,090,447							86,910			
2238	Louisville	KY		11/13/2017		3,523,602							28,705			

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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
2239	Mesa	AZ		11/02/2017		3,849,842								19,940		
2240	Houston	TX		01/10/2018		2,190,177								18,078		
2241	Reading	MA		05/01/2018		4,727,917								28,654		
2243	Sacramento	CA		12/21/2017		2,180,874								18,285		
2244	Vienna	OH		01/11/2018		7,263,948								60,345		
2246	St. Louis	MO		01/17/2018		2,774,511								56,817		
2247	Tacoma	WA		12/18/2017		9,527,573								188,400		
2248	Newark	DE		12/15/2017		4,665,340								38,081		
2249	South El Monte	CA		02/08/2018		3,075,654								19,014		
2250	Kirkland	WA		01/24/2018		3,575,216								30,377		
2251	Palm Desert	CA		02/13/2018		3,861,802								31,856		
2252	Kennesaw	GA		03/22/2018		43,250,000								191,157		
2253	Silverton	OR		03/12/2018		5,080,816								40,542		
2254	Milwaukee	WI		01/31/2018		6,015,867								42,098		
2255	St. Peters	MO		04/13/2018		5,419,339								31,417		
2257	Eugene	OR		04/02/2018		2,360,750								46,797		
2258	Sandusky	OH		02/23/2018		2,598,670								31,110		
2259	Stow	OH		02/28/2018		6,074,332								36,828		
2260	Northbrook	IL		02/27/2018		4,088,723								33,329		
2261	Northbrook	IL		02/27/2018		3,528,762								28,145		
2262	San Diego	CA		02/15/2018		5,733,279								47,652		
2267	Morristown	NJ		03/05/2018		9,981,590								60,801		
2268	Morristown	NJ		03/05/2018		3,493,556								21,280		
2274	Salt Lake City	UT		02/06/2018		1,893,732								23,802		
2275	Norcross	GA		03/29/2018		2,895,676								36,027		
2276	San Leandro	CA		03/13/2018		2,738,383								21,976		
2277	Denver	CO		02/27/2018		5,614,335								46,463		
2278	Fullerton	CA		02/27/2018		4,096,231								23,948		
2279	Indian Wells	CA		03/20/2018		1,950,332								39,100		
2280	Indianapolis	IN		04/30/2018		20,019,223								113,090		
2281	Houston	TX		03/21/2018		4,710,777								35,276		
2283	Tukwila	WA		06/12/2018		3,288,641								26,112		
2284	Nashville	TN		02/28/2018		6,248,767								47,917		
2285	Liberty	MO		03/22/2018		1,675,203								19,751		
2286	Firestone	CO		04/04/2018		7,344,264								37,218		
2287	Poland	OH		04/30/2018		7,686,562								62,108		
2288	Houston	TX		03/16/2018		5,932,275								44,398		
2289	Greensboro	NC		04/02/2018		3,473,529								26,559		
2290	Brentwood	CA		04/05/2018		4,282,565								33,939		
2291	Arlington	VA		07/02/2018		6,804,554								35,858		
2292	Boulder	CO		05/30/2018		30,159,599								158,860		
2294	Las Vegas	NV		05/03/2018		3,339,382								25,833		
2296	Waite Park	MIN		05/30/2018		3,434,692								66,723		
2297	San Diego	CA		05/30/2018		19,303,109								106,578		
2299	Houston	TX		04/20/2018		6,698,582								50,097		
2300	Riverdale	MD		06/21/2018		4,651,156								35,245		
2301	Alexandria	VA		05/16/2018		3,256,722								24,832		
2302	Springfield	VA		05/16/2018		2,105,716								16,056		
2303	Omaha	NE		07/02/2018		8,051,048								61,729		
2305	Los Angeles	CA		06/21/2018		3,928,089								19,217		
2306	Freedom	PA		05/31/2018		6,261,585								46,846		

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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
2307	Newark	CA		06/27/2018		2,857,168											21,943
2308	Marietta	GA		07/02/2018		2,422,685											18,142
2310	Fairfield	OH		07/18/2018		1,884,987											20,754
2311	Phoenix	AZ		07/19/2018		8,291,448											94,889
2312	Northbrook	IL		10/31/2018		3,604,890											40,738
2314	Lake Forest	IL		07/09/2018		3,146,790											23,195
2317	Laurel	MD		08/08/2018		15,554,144											116,148
2318	Laurel	MD		08/08/2018		16,464,809											122,254
2320	Miami	FL		08/02/2018		5,955,335											68,778
2321	Pikesville	MD		08/13/2018		3,332,675											24,522
2322	Beltsville	MD		07/25/2018		8,227,544											63,223
2323	Houston	TX		08/22/2018		2,145,039											23,710
2327	Silverdale	WA		08/01/2018		3,795,287											28,335
2328	Bloomfield	NJ		07/26/2018		6,451,180											48,856
2330	Montclair	VA		08/27/2018		7,096,593											50,637
2333	San Diego	CA		09/20/2018		2,802,298											30,517
2334	Eugene	OR		08/27/2018		15,542,316											80,581
2337	Danville	CA		08/29/2018		14,052,776											73,271
2338	Concord	CA		08/29/2018		1,892,933											10,374
2339	Danville	CA		08/29/2018		5,303,657											28,246
2340	Tustin	CA		10/23/2018		2,256,091											16,792
2342	Waconia	MN		09/10/2018		3,139,099											58,113
2345	Roseville	MN		09/28/2018		3,473,296											38,257
2347	Santa Clarita	CA		10/18/2018		3,805,036											27,397
2348	Lakewood Ranch	FL		11/06/2018		1,726,444											12,282
2349	New York	NY		11/13/2018		7,771,825											50,877
2350	New York	NY		11/13/2018		7,771,825											50,877
2351	New York	NY		11/13/2018		4,663,095											30,526
2353	New York	NY		12/14/2018		5,730,102											39,955
2354	New York	NY		12/14/2018		2,725,271											19,718
2355	Philadelphia	PA		12/07/2018		3,563,775											38,495
2356	Schaumburg	IL		11/15/2018		3,828,541											68,537
2362	Menomonee falls	WI		11/30/2018		2,626,857											19,211
2366	New York	NY		12/06/2018		27,500,000											110,912
2367	St. Louis	MO		12/07/2018		4,550,956											49,945
2368	Martinsville	IN		11/14/2018		3,135,431											14,086
2369	Woodinville	WA		12/10/2018		6,035,553											44,022
2370	Edgewood	MD		11/30/2018		10,130,722											53,845
2373	Owings Mills	MD		12/19/2018		10,339,218											111,963
2374	San Antonio	TX		07/11/2019		6,295,120											82,931
2375	Pasadena	MD		12/12/2018		19,391,451											137,566
2376	Burlingame	CA		12/14/2018		9,308,009											49,354
2378	San Diego	CA		12/19/2018		7,448,187											39,376
2379	Chula Vista	CA		12/19/2018		9,786,190											51,051
2381	Henderson	NV		12/19/2018		6,995,617											47,440
2382	Chantilly	VA		11/30/2018		2,639,488											18,497
2383	Greendale	WI		12/03/2018		3,189,753											57,715
2384	Chicago	IL		02/07/2019		3,111,716											56,754
2385	Sheffield Village	OH		02/11/2019		11,423,297											136,358
2386	Portland	OR		02/04/2019		6,479,558											113,441
2387	El Paso	TX		02/21/2019		17,974,586											245,928

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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)					
2388	Lincoln Park	NJ		02/06/2019		5,532,144							27,540			
2390	El Paso	TX		01/31/2019		4,447,083							75,738			
2391	Barrington	IL		01/16/2019		5,146,982							55,145			
2392	San Antonio	TX		02/21/2019		2,237,006							37,661			
2394	West Hempstead	NY		04/01/2019		14,837,875							63,427			
2395	New Brighton	IN		03/01/2019		6,887,114							75,131			
2396	Seattle	WA		03/11/2019		1,611,481							26,332			
2397	Auburn Hills	MI		03/15/2019		2,836,206							35,512			
2398	Rockville	MD		02/27/2019		19,300,000							79,347			
2399	Falls Church	VA		03/28/2019		21,022,076							111,679			
2400	Fairfax	VA		03/28/2019		8,387,550							46,035			
2401	Decatur	TX		02/28/2019		2,635,869							45,921			
2402	Portland	OR		03/14/2019		5,194,803							55,509			
2403	Algonquin	IL		06/25/2019		6,019,000							55,588			
2404	Studio City	CA		03/29/2019		5,498,505							30,179			
2405	Salinas	CA		05/01/2019		4,119,429							21,673			
2406	Cincinnati	OH		03/19/2019		1,309,075							6,882			
2407	Springfield	VA		04/22/2019		1,873,909							9,756			
2412	Louisville	CO		05/01/2019		8,437,187							43,597			
2413	New Castle	PA		05/30/2019		9,581,610							72,808			
2414	Round Rock	TX		07/03/2019		5,436,889							38,411			
2415	West Chicago	IL		05/08/2019		4,036,455							28,828			
2416	Rocklin	CA		06/07/2019		2,086,094							8,662			
2419	Hanover	MD		05/31/2019		5,585,495							40,647			
2420	Towson	MD		06/17/2019		469,156							3,315			
2421	Gardena	CA		09/10/2019		4,994,188							26,386			
2425	Buffalo	NY		05/31/2019		3,750,509							19,687			
2428	Arbutus	MD		07/01/2019		7,502,317							56,018			
2433	Eugene	OR		07/19/2019		15,396,871							104,290			
2434	Evans	CO		10/01/2019		12,742,401							65,607			
2436	Miami Gardens	FL		07/26/2019		5,043,652							37,487			
2438	Kissimmee	FL		06/28/2019		5,349,601							28,231			
2441	Pasadena	TX		08/05/2019		5,869,321							41,348			
2442	Madison	WI		07/31/2019		3,157,093							23,964			
2444	Williamsville	NY		07/23/2019		7,836,124							42,203			
2445	Brecksville	OH		09/17/2019		7,841,872							82,793			
2450	Clearwater	FL		10/03/2019		2,068,957							15,115			
2452	Independence	OH		07/30/2019		2,723,112							47,261			
2453	Rehoboth Beach	DE		10/08/2019		9,011,944							62,466			
2454	Smyrna	DE		11/01/2019		12,106,426							61,632			
2455	Charlotte	NC		08/12/2019		3,962,942							44,628			
2460	Lincoln	NE		08/16/2019		2,382,925							18,155			
2461	Sacramento	CA		09/09/2019		6,063,816							30,487			
2462	Madison	WI		12/03/2019		9,183,630							52,169			
2463	Longwood	FL		08/29/2019		14,556,382							79,179			
2465	Nashville	TN		10/29/2019		4,705,080							52,028			
2466	Myrtle Beach	SC		10/21/2019		4,835,155							25,958			
2467	Fort Myers	FL		10/17/2019		1,808,423							18,821			
2468	San Diego	CA		10/25/2019		5,608,940							60,746			
2469	Azusa	CA		11/07/2019		4,870,133							34,583			
2470	Tacoma	WA		09/18/2019		18,068,072							135,964			

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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)					
2472	Davenport	IA		11/27/2019		3,867,808							29,810			
2473	Alpharetta	GA		09/26/2019		5,304,462							76,301			
2474	El Paso	TX		12/16/2019		3,120,446							50,002			
2475	Bellevue	WA		10/23/2019		1,606,336							17,096			
2477	Williamsville	NY		11/07/2019		5,215,946							71,127			
2478	Westchester	IL		10/15/2019		5,155,570							39,025			
2479	San Diego	CA		10/30/2019		4,876,142							37,171			
2480	Seattle	WA		09/30/2019		3,350,952							18,245			
2482	Glen Burnie	MD		10/30/2019		8,611,995							66,892			
2483	Des Moines	IA		12/03/2019		2,538,849							19,461			
2484	Pasadena	CA		10/23/2019		16,353,628							99,339			
2485	Spring Hill	FL		10/24/2019		5,423,443							31,149			
2486	Jensen Beach	FL		10/31/2019		4,297,469							24,682			
2487	Vernon Hills	IL		10/28/2019		2,673,455							28,753			
2488	Columbia	SC		10/29/2019		5,188,711							31,334			
2489	Seguin	TX		11/21/2019		7,441,721							53,880			
2492	Greenwood	MN		12/05/2019		3,702,191							27,584			
2493	Acworth	GA		12/20/2019		5,122,850							38,940			
2494	Riverside	CA		11/15/2019		7,058,587							57,066			
2495	Richardson	TX		12/11/2019		5,805,673							186,840			
2496	Pewaukee	WI		12/05/2019		4,919,984							53,513			
2497	Des Plaines	IL		12/12/2019		1,864,631							14,633			
2498	Omaha	NE		12/02/2019		6,578,649							34,305			
2499	Central Islip	NY		12/16/2019		2,165,500							36,953			
2501	Richmond	VA		12/16/2019		4,448,691							77,693			
2503	Charlotte	NC		01/13/2020		1,413,243							15,693			
2504	Redmond	WA		01/31/2020		9,210,367							74,121			
2506	San Jose	CA		01/14/2020		7,500,000							37,361			
2507	Capitol Heights	MD		02/05/2020		3,966,133							27,915			
2508	District Heights	MD		01/29/2020		1,061,636							7,510			
2509	Chantilly	VA		01/29/2020		3,291,000							23,683			
2510	Laurel	MD		02/05/2020		3,104,090							21,848			
2511	Glen Burnie	MD		02/05/2020		8,706,145							61,276			
2512	Capitol Heights	MD		02/05/2020		2,902,048							20,426			
2513	District Heights	MD		02/05/2020		967,349							6,809			
2514	Forestville	MD		01/29/2020		1,640,711							11,607			
2515	District Heights	MD		01/29/2020		1,520,070							10,753			
2516	Beltsville	MD		02/05/2020		967,349							6,809			
2517	Capitol Heights	MD		01/29/2020		2,895,371							20,482			
2518	Manassas	VA		01/29/2020		3,096,948							21,909			
2519	Des Plaines	IL		01/30/2020		1,989,393							21,917			
2520	Irving	TX		01/15/2020		1,477,749							10,907			
2521	Houston	TX		02/14/2020		1,846,627							19,739			
2524	Sunnyvale	CA		02/10/2020		3,264,545							23,269			
2525	Winston Salem	NC		02/12/2020		23,479,739							169,106			
2526	West Berlin	NJ		02/19/2020		7,091,823							75,806			
2527	West Berlin	NJ		02/19/2020		3,129,489							33,452			
2528	Sartell	MN		03/02/2020		1,604,257							27,098			
2530	Franklin	WI		03/05/2020		14,453,777							84,432			
2532	Cary	NC		02/26/2020		8,704,153							49,026			
2533	Concord	CA		02/20/2020		2,976,905							50,667			

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STATEMENT AS OF SEPTEMBER 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
2536	Brooklyn Park	MINN.		03/31/2020		2,458,026							14,187			
2537	New Castle	DE.		03/06/2020		4,377,421							32,466			
2540	Scotts Valley	CA.		04/03/2020		7,430,410							79,534			
2542	Murfreesboro	TN.		04/30/2020		6,201,203							35,897			
2543	Phoenix	AZ.		04/28/2020		1,252,845							7,406			
2544	Phoenix	AZ.		04/28/2020		2,907,547							17,188			
2545	San Antonio	TX.		07/29/2020		2,410,827							17,819			
2546	Kent	OH.		05/15/2020		4,986,217							38,615			
2547	Stow	OH.		05/07/2020		1,895,481							14,332			
2548	Wichita	KS.		04/30/2020		16,659,766							96,729			
2549	Sartell	MINN.		04/30/2020		2,160,398							36,608			
2552	Brentwood	TN.		05/26/2020		8,239,912							48,711			
2555	Tampa	FL.		05/18/2020		1,967,908							11,220			
2559	Philadelphia	PA.		05/21/2020		16,086,841							109,649			
2560	Jupiter	FL.		06/12/2020		2,380,447							18,560			
2563	Tulsa	OK.		06/04/2020		6,234,079							105,160			
2565	Salem	OR.		05/29/2020		8,178,696							48,785			
2566	Newark	DE.		08/10/2020		4,773,178							50,272			
2568	Mendota Heights	MINN.		08/26/2020		16,453,989							123,202			
2569	El Paso	TX.		08/28/2020		4,494,589							71,492			
2570	Farmington Hills	MI.		08/25/2020		2,543,230							26,182			
2571	Bothell	WA.		09/22/2020		4,421,138							46,276			
2572	Highland	IN.		09/10/2020		1,387,727							11,443			
2573	Houston	TX.		09/15/2020		2,386,363							38,244			
2574	Hazle Township	PA.		09/24/2020		24,964,056							451,521			
2575	Orchard Park	NY.		11/30/2020		26,822,617							154,618			
2576	Seattle	WA.		09/10/2020		2,498,665							24,550			
2577	Menlo Park	CA.		09/03/2020		5,980,330							32,967			
2578	East Amherst	NY.		09/01/2020		2,634,812							19,490			
2579	Williamsville	NY.		09/01/2020		2,161,625							16,284			
2580	Lincoln	CA.		08/20/2020		2,164,701							10,572			
2581	Washington	DC.		09/17/2020		3,677,935							39,206			
2582	Sterling Heights	MI.		10/26/2020		15,291,773							388,797			
2583	Glen Burnie	MD.		09/16/2020		2,733,316							20,359			
2584	East Elmhurst	NY.		09/16/2020		2,648,142							18,687			
2585	New York	NY.		09/18/2020		1,489,580							10,511			
2589	Pembroke Park	FL.		10/27/2020		4,114,706							63,468			
2590	Hallandale	FL.		10/27/2020		5,490,562							28,886			
2591	Orlinda	TN.		09/30/2020		1,272,615							36,717			
2592	Webster Groves	MO.		11/24/2020		3,603,506							19,378			
2594	Gresham	OR.		10/22/2020		22,432,951							205,479			
2596	Lutherville-Timonium	MD.		10/23/2020		7,518,261							43,304			
2597	Newark	DE.		01/15/2021		6,436,058							37,631			
2598	El Monte	CA.		10/30/2020		2,773,428							15,985			
2599	Houston	TX.		11/13/2020		3,021,608							23,389			
2600	Houston	TX.		11/13/2020		2,171,781							16,811			
2601	St. Louis Park	MINN.		11/02/2020		1,724,311							9,940			
2602	San Jose	CA.		11/05/2020		4,069,491							30,369			
2603	Houston	TX.		11/30/2020		2,841,281							20,944			
2604	Owasso	OK.		10/09/2020		3,402,103							25,117			
2605	Dublin	OH.		11/20/2020		12,600,969							92,318			

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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
2606	Saint Paul	MINN.		10/30/2020		7,289,220											54,012
2608	Pittsford	NY		12/28/2020		12,117,167											87,224
2609	Rochester	NY		12/28/2020		10,691,618											76,962
2610	Tempe	AZ		11/19/2020		4,449,698											33,003
2611	San Antonio	TX		11/30/2020		6,352,482											45,969
2612	New Berlin	WI		01/11/2021		5,318,250											40,263
2613	Barre	VT		12/14/2020		5,802,941											163,060
2614	Charlotte	NC		11/13/2020		1,572,085											16,785
2615	Marysville	WA		12/21/2020		4,362,449											32,588
2616	Vista	CA		11/03/2020		3,826,008											22,772
2618	Fort Lauderdale	FL		12/18/2020		2,935,525											63,518
2619	Edina	MINN.		11/24/2020		2,599,628											26,505
2620	Memphis	TN		12/17/2020		30,000,000											152,900
2621	Savannah	GA		02/02/2021		9,857,565											55,491
2622	Miami	FL		12/11/2020		2,784,593											29,472
2623	Centennial	CO		12/15/2020		11,800,136											68,347
2624	Medford	MA		12/15/2020		11,816,932											66,269
2625	San Jose	CA		12/18/2020		3,352,152											20,139
2626	Laurel	MD		01/25/2021		3,655,089											20,724
2627	Palo Alto	CA		01/14/2021		4,810,570											27,107
2628	Lancaster	PA		01/26/2021		4,606,786											70,859
2629	Sauk Rapids	MINN.		03/01/2021		4,806,045											28,849
2630	Draper	UT		03/04/2021		11,456,144											85,337
2631	Bellevue	WA		03/04/2021		5,250,733											39,113
2632	Westerville	OH		01/28/2021		1,787,239											18,943
2633	Houston	TX		02/10/2021		5,532,632											40,155
2634	Van Nuys	CA		03/29/2021		5,482,795											33,787
2635	Oklahoma City	OK		01/29/2021		14,379,889											88,007
2636	Norman	OK		04/30/2021		22,824,684											242,169
2637	Bellevue	WA		03/30/2021		5,443,372											40,297
2638	Larkspur	CA		03/11/2021		8,900,000											47,264
2640	Seattle	WA		02/25/2021		8,414,244											64,960
2642	Dublin	OH		02/11/2021		2,756,463											21,385
2643	Los Angeles	CA		03/15/2021		5,793,262											63,269
2645	Seattle	WA		02/25/2021		2,662,134											20,552
2647	Fairfax	VA		03/29/2021		5,167,963											36,621
2648	Silver Spring	MD		03/29/2021		3,062,496											21,701
2649	Reston	VA		03/29/2021		7,560,538											53,574
2650	Alexandria	VA		03/29/2021		5,646,478											40,011
2652	Philadelphia	PA		03/23/2021		12,095,460											63,845
2653	Melville	NY		03/26/2021		12,832,528											73,245
2654	Fairborn	OH		02/26/2021		5,629,819											59,043
2655	Reynoldsburg	OH		02/26/2021		3,973,110											41,668
2656	Cuyahoga Falls	OH		02/26/2021		2,134,192											22,382
2657	Miamisburg	OH		02/26/2021		3,423,677											35,906
2658	Lutherville-Timonium	MD		04/01/2021		2,588,953											13,948
2659	Ridgewood	NY		04/19/2021		6,777,821											36,754
2660	Wood Dale	IL		04/15/2021		2,850,651											16,352
2661	Westlake	OH		04/30/2021		3,247,901											24,984
2662	Medina	OH		04/30/2021		3,032,967											23,331
2663	Berea	OH		04/30/2021		1,671,714											12,860

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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
2664	Medina	OH		04/30/2021		1,337,371							10,288			
2665	Dublin	OH		05/24/2021		8,551,697							60,810			
2666	Shorewood	MN		05/03/2021		7,545,033							78,849			
2668	Allentown	PA		04/16/2021		5,181,250							19,605			
2669	Toms River	NJ		04/16/2021		3,712,230							21,096			
2670	Tallahassee	FL		08/17/2021		4,006,151							102,406			
2671	Tacoma	WA		05/19/2021		1,927,599							19,563			
2673	Chino	CA		05/17/2021		8,485,557							89,096			
2674	Oak Creek	WI		05/17/2021		1,470,525							10,391			
2675	Hartland	WI		06/01/2021		2,818,506							19,916			
2676	North Olmsted	OH		08/16/2021		12,141,768							178,742			
2677	Spring Lake	NC		05/03/2021		8,489,202							88,549			
2678	Vienna	OH		06/01/2021		10,452,933							95,135			
2679	Columbia	SC		06/15/2021		1,691,469							17,195			
2680	Fayetteville	NC		06/09/2021		7,052,214							54,464			
2683	Camp Hill	PA		06/07/2021		2,123,723							26,839			
2684	Edison	NJ		06/18/2021		5,967,129							42,914			
2685	Waterford	CT		06/29/2021		5,674,805							41,434			
2686	Barrington	NJ		05/07/2021		22,200,000							109,958			
2687	Cincinnati	OH		05/26/2021		1,260,769							6,838			
2688	San Diego	CA		09/01/2021		5,022,735							36,818			
2689	Solana Beach	CA		09/01/2021		5,409,099							39,650			
2693	Salem	OR		06/30/2021		7,479,378							40,641			
2694	Hermitage	PA		06/30/2021		3,991,253							38,637			
2695	Brooklyn Center	MN		06/30/2021		2,828,218							42,634			
2696	Lansing	MI		08/17/2021		6,217,594							59,109			
2697	Waukesha	WI		07/22/2021		9,662,583							103,958			
2698	Brownstown Township	MI		06/30/2021		7,762,675							43,596			
2699	Kalamazoo	MI		06/30/2021		2,913,183							15,980			
2700	Westland	MI		06/30/2021		2,969,223							16,676			
2701	Seattle	WA		10/12/2021		3,109,456							21,720			
2702	Brentwood	TN		07/20/2021		1,935,078							10,534			
2703	Costa Mesa	CA		08/02/2021		2,483,531							13,805			
2704	Garland	TX		08/03/2021		6,231,233							35,022			
2705	Houston	TX		07/28/2021		2,896,077							20,357			
2707	La Habra	CA		08/24/2021		6,527,108							98,109			
2708	Kansas City	MO		08/30/2021		4,003,426							81,949			
2709	Homestead	FL		09/09/2021		7,426,057							190,796			
2710	Butler Township	PA		07/21/2021		8,050,000							16,773			
2713	Bellevue	WA		08/05/2021		3,341,425							33,026			
2714	Madison Heights	MI		08/09/2021		4,389,845							43,725			
2715	Sykesville	MD		09/13/2021		1,406,309							20,828			
2716	Sykesville	MD		09/13/2021		2,437,603							36,102			
2717	Wheeling	IL		09/09/2021		1,534,806							14,588			
2718	Burr Ridge	IL		12/15/2021		1,643,764							15,884			
2719	Elmhurst	IL		12/15/2021		2,997,452							28,964			
2720	Pasadena	TX		09/17/2021		2,962,554							74,891			
2721	Sunrise	FL		09/23/2021		1,934,022							14,615			
2722	Kennewick	WA		09/21/2021		4,977,517							27,245			
2723	San Diego	CA		12/10/2021		2,928,766							20,148			
2724	Martinez	CA		10/19/2021		5,921,928							42,603			

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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
2726	Chattanooga	TN		10/15/2021		2,542,779								37,562		
2727	Oakville	MO		11/10/2021		2,480,440								17,986		
2728	Santa Rosa	CA		12/06/2021		3,504,015								18,629		
2730	San Jose	CA		11/30/2021		7,031,867								70,875		
2731	Santa Cruz	CA		11/30/2021		9,059,361								91,311		
2736	Torrance	CA		11/10/2021		3,766,217								21,603		
2737	Temecula	CA		12/03/2021		4,413,986								24,232		
2738	Murrieta	CA		12/03/2021		4,610,163								25,308		
2739	Tampa	FL		12/15/2021		4,681,742								33,351		
2743	Sparks	MD		12/07/2021		2,690,999								17,871		
2744	Cincinnati	OH		12/10/2021		2,941,887								16,357		
2745	Danville	CA		12/15/2021		4,901,521								27,689		
2746	Nashville	TN		03/07/2022		7,398,043								39,388		
2747	San Jose	CA		12/07/2021		17,554,988								97,143		
2748	Portland	OR		12/15/2021		5,509,310								137,433		
2749	Wauwatosa	WI		12/15/2021		5,363,757								38,407		
2750	Albany	OR		01/28/2022		6,089,854								34,041		
2751	Salem	OR		01/28/2022		7,342,203								41,041		
2753	Depew	NY		03/28/2022		4,582,859								45,151		
2754	Amherst	NY		03/28/2022		4,634,841								44,497		
2755	Landover	MD		12/01/2021		4,574,541								32,497		
2756	Buffalo	NY		03/23/2022		2,928,349								27,723		
2758	Hicksville	NY		01/28/2022		4,526,145								22,968		
2760	West Seneca	NY		03/24/2022		7,069,540								50,342		
2761	Miami	FL		02/04/2022		4,363,672								29,757		
2762	Grand Prairie	TX		03/15/2022		2,586,096								24,704		
2763	Sugar Land	TX		02/24/2022		3,837,925								21,295		
2764	Downers Grove	IL		01/28/2022		6,183,919								35,793		
2765	Mokena	IL		01/28/2022		4,368,007								25,283		
2766	Fishkill	NY		03/11/2022		5,598,961								39,049		
2768	Lewisville	TX		02/11/2022		2,448,697								17,612		
2769	Englewood	CO		03/04/2022		6,555,555								36,396		
2772	Fuquay-Varina	NC		03/29/2022		1,563,240								14,272		
2774	Columbus	OH		02/15/2022		31,093,119								310,800		
2775	Mesa	AZ		02/15/2022		3,052,608								16,297		
2777	Glen Burnie	MD		04/14/2022		12,827,011								185,732		
2778	Massillon	OH		04/12/2022		5,531,651								30,094		
2779	Medina	OH		04/12/2022		8,297,476								45,141		
2780	Harrison Township	MI		04/27/2022		4,925,706								32,862		
2781	Auburn	WA		05/25/2022		1,876,072								12,338		
2783	Fort Wayne	IN		05/11/2022		13,517,223								68,372		
2784	Del Rey Oaks	CA		11/01/2022		4,841,917								24,766		
2787	Bala Cynwyd	PA		05/25/2022		12,050,406								77,260		
2788	Indianapolis	IN		05/25/2022		2,666,846								17,121		
2792	Amherst	NY		06/28/2022		3,131,565								42,253		
2793	Depew	NY		06/28/2022		1,957,566								26,222		
2794	Melville	NY		05/27/2022		9,088,301								57,724		
2795	Walker	MI		07/21/2022		10,353,463								66,771		
2796	Redwood City	CA		11/01/2022		18,470,321								91,069		
2797	Freemont	CA		12/01/2022		9,100,000								44,670		
2798	San Jose	CA		12/01/2022		12,200,000								57,408		

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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	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
2802	Omaha	NE		05/26/2022		10,298,314								52,348		
2803	Wilmington	DE		12/01/2022		5,200,000								45,181		
2804	Temecula	CA		06/09/2022		12,894,043								65,360		
2807	Sacramento	CA		11/22/2022		19,500,000								634,543		
2808	Clearfield	UT		05/26/2022		3,467,675								16,689		
2809	Teaneck	NJ		07/07/2022		31,739,962								200,864		
2810	Palm Harbor	FL		07/18/2022		4,167,488								25,181		
2811	Napa	CA		05/26/2022		2,963,884								18,674		
2812	Miami	FL		08/11/2022		33,858,467								146,087		
2813	Livonia	MI		06/23/2022		3,568,249								29,475		
2814	Pasco	WA		06/28/2022		10,916,933								51,428		
2816	Florissant	MO		09/19/2022		6,102,839								34,319		
2817	Farmers Branch	TX		09/19/2022		4,857,362								27,315		
2818	Indianapolis	IN		09/19/2022		3,786,251								21,292		
2819	Salem	OR		07/28/2022		2,964,755								17,118		
2820	Melville	NY		08/22/2022		7,672,333								28,731		
2821	Melville	NY		08/24/2022		4,855,690								18,183		
2822	Franklin	TN		11/01/2022		1,569,309								8,340		
2823	Tukwila	WA		11/09/2022		4,500,000								25,309		
2824	Brigantine	NJ		10/06/2022		3,795,867								29,953		
2825	Lebanon	PA		10/06/2022		3,639,067								28,716		
2826	Clearwater	FL		08/31/2022		2,987,690								12,714		
2827	Omaha	NE		06/30/2022		3,124,163								16,444		
2829	Hayward	CA		09/29/2022		2,949,104								79,135		
2830	Madison	WI		01/17/2023										9,151		
2831	San Antonio	TX		10/18/2022		3,400,177								18,045		
2832	Clearwater	FL		10/14/2022		2,040,173								10,628		
2833	Elmwood Park	NJ		11/28/2022		11,200,000								61,759		
2834	Belleuve	WA		11/29/2022		2,200,000								26,831		
2836	Melbourne	FL		10/28/2022		7,989,350								32,909		
2837	Mount Pleasant	MI		11/17/2022		1,624,400								6,416		
2841	Portland	OR		10/31/2022		6,241,123								27,365		
2844	Newberg	OR		12/13/2022		3,700,000								20,296		
2845	Clackamas	OR		12/13/2022		2,462,800								13,414		
2846	Dallas	TX		11/30/2022		6,900,000								37,194		
2847	Madison	WI		11/16/2022		18,700,000								224,768		
2848	Madison	WI		11/16/2022		25,700,000								308,906		
2849	Monona	WI		11/16/2022		16,000,000								123,155		
2850	Portland	OR		12/01/2022		2,500,000								18,745		
2852	Bothell	WA		12/16/2022		14,500,000								52,536		
2853	Compton	CA		12/15/2022		2,800,000								10,237		
2857	Manassas	VA		02/17/2023										13,854		
2858	Gainesville	FL		03/30/2023										51,266		
2859	Salem	OR		03/06/2023										7,464		
2860	Harrisburg	PA		03/15/2023										22,305		
2862	Roslyn	NY		05/25/2023										9,333		
2863	Glen Head	NY		05/10/2023										7,257		
2866	Belleuve	WA		03/30/2023										24,765		
2867	Frederick	MD		05/01/2023										29,346		
2868	Waxhaw	NC		05/30/2023										9,788		
2870	Coconut Creek	FL		06/27/2023										8,200		

STATEMENT AS OF SEPTEMBER 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	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
2871	Olmsted Falls	OH		06/15/2023													7,860
2873	Akron	OH		06/21/2023													15,584
2875	New York	NY		06/07/2023													6,670
2876	Middleburg Heights	OH		06/23/2023													12,149
2877	Carrollton	GA		05/31/2023													29,689
2881	Baltimore	MD		06/01/2023													27,186
2882	Frederick	MD		06/16/2023													10,020
2882	Frederick	MD		06/16/2023													15,838
2885	Marietta	GA		05/31/2023													35,363
2887	Brooklyn Park	MN		07/11/2023													3,069
2889	Somerville	NJ		07/13/2023													9,970
0A01640	Eugene	OR		12/17/2013		265,660											18,941
0A01679	Glen Ellyn	IL		01/17/2019		2,863,507											65,338
0A01735	Southern Pines	NC		09/24/2015		1,102,884											21,848
0A01736	Monrovia	CA		03/02/2017		1,501,385											65,090
0A01771	St. Louis Park	MN		05/21/2020		2,722,530											29,480
0A01808	Cleveland	OH		07/18/2017		2,843,213											20,513
0A01812	Totowa	NJ		10/28/2019		4,945,124											44,601
0A01833	Miami	FL		02/12/2020		954,603											4,521
0A01895	Cheektowaga	NY		10/06/2015		1,523,203											15,742
0A01954	Abingdon	MD		11/30/2022		2,806,452											10,509
0A01963	Annapolis	MD		09/30/2022		3,185,016											23,343
0A01994	Calabasas	CA		08/10/2017		4,044,243											24,642
0A02036	Addison	TX		05/01/2018		1,224,164											17,243
0A02071	Huntington	CA		03/31/2023													8,349
0A02127	San Diego	CA		11/25/2019		4,710,559											59,198
0A02176	El Cajon	CA		12/16/2019		2,031,007											14,132
0A02506	San Jose	CA		01/26/2021		2,000,000											9,179
0A02574	Hazle Township	PA		10/21/2021		7,440,514											133,467
0B01994	Calabasas	CA		04/28/2020		2,048,507											10,582
0299999. Mortgages with partial repayments						4,382,414,662											44,267,821
2880	Fort Worth	TX		07/06/2023	07/10/2023							22,000,000		6,000,000			
2884	Westwood	NJ		08/03/2023	08/07/2023							8,000,000		3,000,000			
2887	Brooklyn Park	MN		07/11/2023	07/15/2023							3,610,000		1,718,360			
2893	San Diego	CA		09/01/2023	09/05/2023							3,000,000		1,428,000			
2899	High Point	NC		07/28/2023	08/01/2023							4,200,000		1,999,200			
2900	Newark	DE		08/04/2023	08/07/2023							11,000,000		6,000,000			
2901	Princeton	NJ		08/11/2023	08/15/2023							5,250,000		2,499,000			
2902	Maspeeth	NY		08/29/2023	08/30/2023							22,500,000		1,000,000			
2903	Middleburg Heights	OH		08/25/2023	08/29/2023							5,450,000		2,594,200			
2904	Reading	PA		09/15/2023	09/19/2023							10,000,000		1,000,000			
2905	Irving	TX		08/02/2023	08/04/2023							6,000,000		2,856,000			
2907	Whippany	NJ		08/15/2023	08/17/2023							5,250,000		2,499,000			
2911	Sherwood	OR		09/07/2023	09/08/2023							6,300,000		1,000,000			
2912	Lorton	VA		09/15/2023	09/19/2023							7,000,000		3,332,000			
0399999. Mortgages disposed												119,560,000		36,925,760			
0599999 - Totals						4,421,107,743						156,701,577		118,335,158			

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STATEMENT AS OF SEPTEMBER 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	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
		3 City	4 State									
	AEA Investors SBF IV, LP	Stamford	CT	AEA Investors SBF IV Partners LP		10/11/2019	3	(355,008)			960,902	0.009
	Apogem Heritage Fund VI LP	New York	NY	Apogem Capital, LLC		09/25/2023	3	5,455,018			420,067	0.009
	Aquiline Technology Growth Fund, LP	New York	NY	Aquiline Tech Growth Fund, LP		07/28/2017	1	85,937			163,939	0.026
	BGV IV, LP	Maarden	NLD	BGV IV Partners, LLC		04/14/2021	1	375,000			2,578,359	0.068
	BBH Capital Partners V, LP	New York	NY	BBH Capital Partners V, LP		12/19/2016	3	123,691			159,524	0.010
	BBH Capital Partners VI, LP	New York	NY	BBH Private Capital VI, LLC		05/18/2021	3	563,786			2,828,780	0.009
	Bison Capital Partners IV, LP	Santa Monica	CA	Bison Capital Partners IV, LP		03/15/2013	3	6,862			333,811	0.028
	Bison Capital Partners V, LP	Santa Monica	CA	Bison Capital Partners V, LP		09/18/2017	3	223,725			737,226	0.021
	Bison Capital Partners VI, LP	Santa Monica	CA	Bison Capital Prtnrs VI GP, LP		03/30/2023	3	989,313			7,472,400	0.020
	Century Focused Fund IV, LP	Boston	MA	COP Focused IV, LP		12/06/2016	3	14,621			83,571	0.015
	Builders VC Fund II, LP	San Francisco	CA	Builders VC GP II, LLC		02/17/2021	1	1,025,000			4,825,000	0.040
	Construct Capital I, LP	Chevy Chase	MD	Construct Capital GP I, LLC		02/03/2021	1	100,000			1,200,000	0.029
	Construct Capital II, LP	Chevy Chase	MD	Construct Capital GP II, LLC		09/29/2022	1	175,000			4,250,000	0.026
	CRV Select Fund II, LP	Cambridge	MA	CRV Select II GP, LP		03/29/2022	1	67,500			2,227,500	0.005
	CRV XIX, LP	Cambridge	MA	CRV XIX GP, LP		06/10/2022	1	420,000			5,127,500	0.008
	EQT Mid Market Europe, LP	Stockholm	SWE	EQT Mid Mkt Feedr Ltd Prtnrshp		08/11/2017	3	195,176			675,008	0.003
	Energy Impact Fund II LP	New York	NY	Energy Impact Fund II GP LLC		11/10/2021	1	1,137,105			2,495,165	0.010
	First Reserve Fund XIV, LP	Greenwich	CT	First Reserve GP XIV, LP		08/14/2019	3	419,704			482,740	0.016
	Genstar Capital Partners X, LP	San Francisco	CA	Genstar Capital X, LP		12/13/2021	3	740,045			3,552,221	0.001
	Goldner Hawn Fund VIII, LP	Minneapolis	MN	Goldner Hawn GP VIII, LP		07/17/2023	3	536,268			6,813,577	0.021
	HGGC Fund IV, LP	Palo Alto	CA	HGGC Fund IV GP, LP		06/25/2020	3	314,598			3,920,734	0.031
	Lightyear Fund IV, LP	New York	NY	Lightyear Fund IV GP, LP		12/12/2016	3	16,169			270,630	0.008
	Lightyear Fund V, LP	New York	NY	Lightyear Fund V GP, LP		12/17/2020	3	426,933			3,363,082	0.007
	LS Power Equity Partners IV, LP	New York	NY	LS Power Partners IV, LP		06/10/2019	3	130,091			1,380,710	0.003
	Maveron Equity Partners VIII, LP	Seattle	WA	Maveron Gen'l Prtnr VIII, LLC		06/22/2022	1	1,000,000			7,425,000	0.044
	MPowered Capital Access Fund I, LP	Minneapolis	MN	MPowered Capt'l Access Fd I GP		04/26/2023	1	186,390			5,089,491	0.028
	Pike Street Capital Partners, LP	Seattle	WA	Pike Street Capital I GP, LP		12/06/2019	3	309,283			1,854,538	0.042
	Procuritas Capital Investors VII (D) AB	Stockholm	SWE	Procuritas Cap Invs VII (D) AB		07/21/2022	3	106,690			7,499,778	0.021
	Revelstoke Capital Partners Fund III, LP	Denver	CO	RCP Fund III GP, LLC		12/29/2021	3	(161,943)			5,280,359	0.010
	Revolution Ventures III, LP	Washington	DC	Revolution Ventures GP III, LP		10/13/2020	1	186,931			4,211,147	0.033
	Ridge Ventures V, LP	San Francisco	CA	Ridge Ventures V, LLC		06/15/2022	1	267,000			8,125,000	0.057
	SPC Partners VII, LP	San Francisco	CA	Swander Pace Capital VII, LP		02/07/2023	3	(34,629)			8,954,183	0.020
	Threshold Ventures IV, LP	Menlo Park	CA	Threshold Vntrs IV GP, LLC		11/03/2022	1	360,000			8,090,000	0.029
	TELEO Capital, LP	El Segundo	CA	TELEO Capital Partners, LLC		10/14/2020	3	679,302			2,419,590	0.051
	Trident IX, LP	Greenwich	CT	Trident Capital IX, LP		06/24/2022	3	1,257,982			5,359,702	0.002
	TVM Life Science Innovation II, SCSp	Munich	DEU	TVM Life Science Mgmt, Ltd.		01/28/2019	1	498,162			3,635,773	0.017
	TVM Life Science Ventures VI, LP	Munich	DEU	TVM Life Science Mgmt, Ltd.		10/10/2005	1	(99,649)			472,471	0.091
	Will Ventures II, LP	Boston	MA	Will Ventures II LLC		04/18/2022	1	219,958			3,462,305	0.033
	Wind Point Partners IX-A, LP	Chicago	IL	Wind Point Partners IX, LP		11/09/2020	3	(359,296)			570,112	0.008
	Wind Point Partners X-A, LP	Chicago	IL	Wind Point Investors X, LP		09/15/2022	3	1,088,424			5,162,261	0.006
1999999	Joint Venture Interests - Common Stock - Unaffiliated							18,696,139			133,934,226	XXX
	AEA Mezzanine Fund IV, LP	Stamford	CT	AEA Mezzanine Management		07/23/2018	2	502,026			1,958,272	0.017
	AEA Middle Mkt Debt Fd III, LP	New York	NY	AEA Middle Mkt Debt Fd III GP		12/14/2016	2	139,130			2,213,868	0.029
	AEA Middle Mkt Debt Fd IV, LP	Stamford	CT	AEA Middle Mkt Debt Fd IV GP LP		09/11/2019	2	146,880			2,293,543	0.028
	AMC V SCA SICAV-RAIF	London	GBR	AMC V GP S.a.r.l.		07/07/2023	2	1,826,761			10,546,896	0.034
	Arrowhead Capital Fund III, LP	Greenwich	CT	Arrowhead Capital Fund III, LP		12/20/2017	2	152,893			3,536,370	0.036
	Balance Point Cap Prtnrs V, LP	Westport	CT	Balance Point Cap Advrs V, LLC		12/02/2021	2	357,820			3,935,569	0.017
	BlackRock Globl Infra Fd IV LP	Greenwich	CT	BGIF IV (GenPar), LLC		12/16/2022	2	1,054,271			7,050,617	0.001

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STATEMENT AS OF SEPTEMBER 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	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
		3 City	4 State									
	Caltius Partners VI, LP	Los Angeles	CA	GPM VI, LP		05/27/2022	2	621,214			5,718,039	0.100
	Churchill Jr Cap Opps Fd II LP	New York	NY	Churchill Jr Cap Opp II GP LLC		08/11/2022	2	678,762			2,589,231	0.029
	CRG Partners IV, LP	Houston	TX	CRG Partners IV GP, LP		01/28/2019	2	298,178			4,928,317	0.009
	Cyprum Investors V, LP	Cleveland	OH	Cyprum V Management LLC		08/15/2019	2	1,415,641			1,011,982	0.045
	Falcon Private Cr Opps VI, LP	Boston	MA	Falcon Private Cr Invmts VI LP		08/14/2020	2	294,580			3,890,747	0.008
	Falko Regl Aircraft Opps Fd LP	St Helier	JEY	Falko RAOF GP Limited		12/16/2015	2	3,030			445,522	0.061
	GCG Investors V, LP	Chicago	IL	GCG Investors V GP, LLC		10/14/2020	2	966,075			1,051,627	0.036
	Global Pwr&Egy Infra Fd III LP	Greenwich	CT	GEPIF III		04/05/2019	2	(18,232)			1,569,774	0.002
	GMB Mezzanine Capital IV, LP	Minneapolis	MN	Lakeside Capital Prtnrs IV LLC		03/27/2019	2	800,000			2,000,000	0.058
	Goldpoint Mezz Partners IV, LP	New York	NY	Goldpoint Mezz Prtnrs IV GP LP		12/21/2015	2	56,861			1,210,914	0.008
	GoldPoint Prtrs Priv Debt V LP	New York	NY	GoldPoint Prtrs Priv Debt V GP		07/02/2020	2	109,888			2,536,654	0.013
	Gryphon Mezz Partners II, LP	San Francisco	CA	Gryphon Mezz Prtnrs GP II, LP		09/25/2019	2	362,270			1,423,039	0.033
	Midwest Mezzanine Fund V, LP	Chicago	IL	Midwest Mezz Management V, LLC		06/27/2013	2	23,035			235,915	0.180
	MML Partnership Capl VII, SCSp	London	GBR	MML Partnrshp Capl VII GP Sarl		09/17/2019	2	(624,009)			761,970	0.015
	New Canaan Fdg MezzVII SBIC LP	New Canaan	CT	New Canaan Fdg Levq MezzVII GP		02/09/2021	2	731,427			3,274,458	0.101
	OCP Asia Fund IV (US) LP	Singapore	SGP	OCP Asia Fund IV (GP) Limited		01/26/2021	2	168,539			3,658,348	0.053
	PA Direct Crdt Opps Fd II	Darien	CT	PADCOF II GP, LLC		05/15/2017	2	10,542			775,981	0.015
	Peninsula Fund VII, LP	Detroit	MI	Peninsula Fd VII Mgmt, LLC		02/13/2020	2	467,115			2,460,637	0.028
	Riverside Strateg Capl Fd I LP	New York	NY	RSCF I Associates, LP		10/16/2015	2	332,513			573,090	0.032
	Siguler Guff SmbusCrOpFd 3 LP	Boston	MA	Siguler Guff SBDOF III GP, LLC		12/21/2022	2	(450,000)			7,890,000	0.030
2599999. Joint Venture Interests - Other - Unaffiliated								10,427,210			79,541,380	XXX
	Aegon LIHTC Fund 62, LLC	Cedar Rapids	IA	Aegon Community Invmts 62, LLC		04/15/2021		1,725,226			4,864,160	0.067
	Cinnaire Fnd for Housing LP 38	Lansing	MI	Cinnaire-38, Inc		11/09/2022		505,011			8,333,845	0.049
	RAH Corp Partners Fund 57, LLC	Great Neck	NY	RAH Associates No. 57 LLC		08/12/2021		834,118			5,726,068	0.119
	RBC Cmty Invmt Natl Fd 31, LP	Charlotte	NC	RBC Tax Cred Equity GP 31, LLC		12/28/2019		1,527,627			3,883,539	0.049
	Red Stone Equity-Fund 84, LP	New York	NY	RSEP MM, LLC		04/26/2021		688,652			4,772,763	0.050
	WNC Inst'l Tax Crdt Fd 52, LP	Irvine	CA	WNC Managing Partners 52, LLC		03/17/2022		221,013			7,326,480	0.054
3799999. Non-Guaranteed Federal Low Income Housing Tax Credit - Unaffiliated								5,501,647			34,906,855	XXX
6099999. Total - Unaffiliated								34,624,996			248,382,461	XXX
6199999. Total - Affiliated												XXX
6299999 - Totals								34,624,996			248,382,461	XXX

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STATEMENT AS OF SEPTEMBER 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 Encumbrances, Prior Year	Change in Book/Adjusted Carrying Value						15 Book/ Adjusted Carrying Value Less Encumbrances 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 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						
652508-10-8	Newstone Capital Partners II, LP	Dallas	TX	Return of Capital, Income	12/10/2010	08/04/2023	57,430	(56,778)					(56,778)	57,430	57,430				52,307
1599999	Joint Venture Interests - Fixed Income - NAIC Designation Assigned by the SVO - Unaffiliated						57,430	(56,778)					(56,778)	57,430	57,430				52,307
629698-10-7	NYLCAP Mezzanine Partners III, LP	New York	NY	Return of Capital, Income	06/01/2010	08/15/2023	20,485	(23,252)					(23,252)	20,485	20,485				11,995
91832*-10-3	YSS Structured Capital II, LP	New York	NY	Return of Capital, Stock Sale	06/01/2009	07/26/2023	108,148	(108,148)					(108,148)	108,148	461,368		353,220	353,220	
1799999	Joint Venture Interests - Fixed Income - NAIC Designation Not Assigned by the SVO - Unaffiliated						128,633	(131,400)					(131,400)	128,633	481,853		353,220	353,220	11,995
	Alpha CEE Fund II, LP	Zurich	CH	Return of Capital	08/24/2007	07/20/2023	129,576	(113,277)					(113,277)	129,576	129,576				
	Amberbrook VIII, LLC	New York	NY	Return of Capital	03/31/2016	09/29/2023	56,801	(44,321)					(44,321)	56,801	56,801				
	Amberbrook VIII, LP	New York	NY	Return of Capital, Stock Sale	12/20/2019	09/29/2023	2,160	(2,933)					(2,933)	107,978	107,978		105,818	105,818	
	Aquiline Finl Svcs Fd IV, LP	New York	NY	ROC, Stock Sale, Income Dist	12/20/2019	09/29/2023	300,940	(406,578)					(406,578)	300,940	310,203		9,263	9,263	118,362
	Axiom Asia Priv Cap Fd III, LP	Singapore	SGP	Stock Sale	10/05/2012	09/29/2023									845,684		845,684	845,684	
	BBH Capital Partners V, LP	New York	NY	Return of Capital	12/19/2016	09/14/2023	760,100	(1,008,737)					(1,008,737)	760,100	760,100				
	Bison Capital Partners V, LP	Santa Monica	CA	Income Distribution	09/18/2017	09/28/2023													13,514
	Charles River Ptnrshp XVI, LP	Cambridge	MA	Return of Capital	05/11/2015	08/23/2023	73,047	(278,674)					(278,674)	73,047	73,047				
	Element Partners II, LP	Radnor	PA	Stock Sale	08/26/2008	07/13/2023									274,747		274,747	274,747	
	Energy Impact Fund II LP	New York	NY	Return of Capital, Stock Sale	11/10/2021	08/21/2023	343,799	(441,517)					(441,517)	343,799	347,501		3,702	3,702	
	EQT Mid Market Europe, LP	Stockholm	SWE	Return of Capital, Stock Sale	08/11/2017	09/29/2023	839,908	(1,090,750)					(1,090,750)	839,908	1,810,414		970,506	970,506	
	EW Healthcare Ptnrs Acq Fd, LP	Woodlands	TX	Other Than Temporary Impairment	02/11/2021	09/29/2023	602,473	(602,473)		571,257			(1,173,730)	31,216	41,621		10,405	10,405	
	First Reserve Fund XIII, LP	Greenwich	CT	Return of Capital	07/15/2014	07/14/2023	33,204	(21,315)					(21,315)	33,204	33,204				
	First Reserve Fund XIV, LP	Greenwich	CT	Income Distribution	08/14/2019	09/27/2023													447,445
	Genstar Capital Ptnrs IX, LP	San Francisco	CA	Return of Capital, Stock Sale	09/03/2019	09/08/2023	153,483	(282,101)					(282,101)	153,483	550,001		396,518	396,518	
	Genstar Cap'l Ptnrs VIII, LP	San Francisco	CA	Stock Sale	10/16/2017	07/10/2023									357,299		357,299	357,299	
	Goldpoint Ptnrs Co-Invt VI LP	New York	NY	Transfer	02/26/2018	09/29/2023	5,405,673	(5,405,673)					(5,405,673)	5,405,673	5,405,673				
	Gryphon Heritage Partners, LP	San Francisco	CA	Stock Sale	12/15/2020	08/04/2023									114,314		114,314	114,314	
	HGGC Fund II, LP	Palo Alto	CA	Income Distribution	01/27/2015	08/22/2023													67,747
	HGGC Fund III, LP	Palo Alto	CA	Income Distribution	07/28/2017	08/24/2023													136,020
	HGGC Fund IV, LP	Palo Alto	CA	Return of Capital, Stock Sale	06/25/2020	07/28/2023	38,208	(50,167)					(50,167)	38,208	66,612		28,404	28,404	
	Lightyear Fund IV, LP	New York	NY	Return of Capital, Income	12/12/2016	09/08/2023	1,808,465	(3,987,886)					(3,987,886)	1,808,465	1,808,465				(81,028)
	Lightyear Fund V, LP	New York	NY	Income Distribution	12/17/2020	07/21/2023													25,756
	LS Power Equity Ptnrs III, LP	New York	NY	Return of Capital, Income	07/11/2014	09/01/2023	125,236	(353,728)					(353,728)	125,236	125,236				5,173
	LS Power Equity Ptnrs IV, LP	New York	NY	Return of Capital, Income	06/10/2019	09/29/2023	271,122	(451,784)					(451,784)	271,122	271,122				40,425
	New Leaf Ventures II, LP	New York	NY	Stock Sale	04/08/2008	09/28/2023									154,163		154,163	154,163	
	PA Co-Investment Fund III, LP	Darien	CT	Return of Capital, Stock Sale	07/30/2018	09/12/2023	169,427	(304,880)					(304,880)	169,427	596,033		426,606	426,606	
	Partech Int'l Vntrs VI, FCPR	Paris	FRA	Return of Capital	08/01/2013	07/26/2023	699,340	(1,260,311)					(1,260,311)	699,340	699,340				
	Revelstoke Cap Ptnrs Fd III LP	Denver	CO	Return of Capital, Income	12/29/2021	08/22/2023													11,885
	Revolution Growth II, LP	Washington	DC	Stock Sale	01/19/2012	07/24/2023									245,920		245,920	245,920	
	Revolution Growth III, LP	Washington	DC	Return of Capital, Stock Sale	10/21/2015	08/17/2023	1,058,528	(1,686,122)					(1,686,122)	1,058,528	1,327,110		268,582	268,582	
	SPC Partners V, LP	San Francisco	CA	Stock Sale	03/15/2013	09/12/2023									13,629		13,629	13,629	
	SPC Partners VI, LP	San Francisco	CA	Return of Capital	11/16/2017	09/12/2023	5,831	(8,437)					(8,437)	5,831	5,831				
	SPC Partners VII, LP	San Francisco	CA	Return of Capital, Income	02/07/2023	07/27/2023													1,500
	Stone Arch Capital III, LP	Minneapolis	MN	Return of Capital, Income	09/08/2015	08/31/2023	54,399	(1,138,888)					(1,138,888)	54,399	54,399				154,827
	Threshold Ventures I, LP	Menlo Park	CA	Return of Capital	03/17/2014	09/29/2023	219,487	(397,354)					(397,354)	219,487	219,487				
	Threshold Ventures II, LP	Menlo Park	CA	Return of Capital	08/01/2016	09/29/2023	900,000	(3,511,115)					(3,511,115)	900,000	900,000				
	Windjammer Snr Eqty Fd V, LP	Newport Beach	CA	Stock Sale, Income Dist	08/05/2019	09/08/2023								7,793			7,793	7,793	4,085
1999999	Joint Venture Interests - Common Stock - Unaffiliated						14,051,207	(22,849,021)		571,257			(23,420,278)	13,479,950	17,713,303		4,233,353	4,233,353	945,711
	AEA Mezzanine Fund III, LP	Stamford	CT	Stock Sale, Income Dist	08/14/2013	08/04/2023									569,525		569,525	569,525	14,574
	AEA Mezzanine Fund IV, LP	Stamford	CT	Income Distribution	07/23/2018	07/20/2023													113,205
	AEA Middle Mkt Debt Fd III, LP	New York	NY	Income Distribution	12/14/2016	07/26/2023													349,135
	AEA Middle Mkt Debt Fd IV, LP	Stamford	CT	Income Distribution	09/11/2019	07/26/2023													361,735

STATEMENT AS OF SEPTEMBER 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
	AMC V SCA SICAV-RAIF	London	GBR	Return of Capital, Income Dist	07/07/2023	09/22/2023	364,507	(372,068)				(372,068)		364,507	364,507				2,531
	Arrowhead Capital Fund III, LP	Greenwich	CT	Return of Capital, Income Dist	12/20/2017	09/28/2023	3,496	(3,637)				(3,637)		3,496	3,496				109,674
	Balance Point Cap Prtnts V, LP	Westport	CT	ROC, Stock Sale, Income Dist	12/02/2021	08/15/2023	86,630	(94,791)				(94,791)		86,630	86,630				36,385
	Churchill Jr Cap Opps Fd II LP	New York	NY	Income Distribution	08/11/2022	09/18/2023													291,279
	Clareant Mezzanine Fund, LP	Jersey	JEY	Other Than Temporary Impairment	11/27/2006	09/29/2023	78,069	(78,069)		78,069		(156,138)		78,069					
	Crescent Credit Sols VIII, LP	Los Angeles	CA	Return of Capital, Income Dist	09/27/2021	09/11/2023	123,638	(124,631)				(124,631)		123,638	123,638				345,876
	Crescent Mezzan Prtnts VII, LP	Los Angeles	CA	ROC, Stock Sale, Income Dist	09/28/2016	09/08/2023	307,141	(295,130)				(295,130)		307,141	307,141				174,471
	CRG Partners III, LP	Houston	TX	Income Distribution	12/15/2016	09/13/2023													14,580
	Cyprum Investors IV, LP	Cleveland	OH	Return of Capital	06/16/2014	07/28/2023	15,411	(20,030)				(20,030)		15,411	15,411				
	Cyprum Investors V, LP	Cleveland	OH	ROC, Stock Sale, Income Dist	08/15/2019	09/06/2023								57,453			57,453		115,078
	Falcon Private Credit Opps VI, LP	Boston	MA	ROC, Stock Sale, Income Dist	08/14/2020	07/14/2023	278,315	(328,568)				(328,568)		278,315	279,040		725	725	346,077
	Falko Regl Aircr Opps Fd II LP	St Helier	JEY	Income Distribution	03/25/2019	09/12/2023													110,778
	Falko Regl Aircr Opps Fd, LP	St Helier	JEY	Income Distribution	12/16/2015	08/25/2023													174,347
	GCG Investors IV, LP	Chicago	IL	Return of Capital, Income Dist	03/14/2017	07/05/2023	103,032	(130,805)				(130,805)		103,032	103,032				148,027
	GCG Investors V, LP	Chicago	IL	Income Distribution	10/14/2020	08/10/2023													107,303
	Global EGY & Infr Pwr Fd II LP	Greenwich	CT	Return of Capital, Income Dist	12/23/2014	09/20/2023	71,651	(46,703)				(46,703)		71,651	71,651				24,164
	Global Pwr & EGY Infr Fd III, LP	Greenwich	CT	ROC, Stock Sale, Income Dist	04/05/2019	09/14/2023	113,989	(135,334)				(135,334)		113,989	185,801		71,812	71,812	81,061
	GMB Mezzanine Capital III, LP	Minneapolis	MN	Income Distribution	09/08/2015	08/08/2023													36,292
	GMB Mezzanine Capital IV, LP	Minneapolis	MN	Income Distribution	03/27/2019	08/22/2023													233,700
	Goldpoint Mezz Prtnts IV, LP	New York	NY	Return of Capital, Income Dist	12/21/2015	07/28/2023	28,566	(32,846)				(32,846)		28,566	28,566				101,898
	GoldPoint Partners PrivDbtV LP	New York	NY	ROC, Stock Sale, Income Dist	07/02/2020	09/06/2023	24,844	(27,101)				(27,101)		24,844	24,877		33	33	86,794
	Gryphon Mezz Partners II, LP	San Francisco	CA	Return of Capital, Income Dist	09/25/2019	07/28/2023	8,521	(9,691)				(9,691)		8,521	8,521				234,932
	LBC Credit Partners V, LP	Radnor	PA	Income Distribution	07/17/2020	08/18/2023													282,739
	MC-Seamax Shping Opps Fd, LP	Stamford	CT	Stock Sale	05/22/2015	07/31/2023								266,471			266,471		266,471
	Merced Capital Partners V, LP	Minnetonka	MN	Stock Sale, Income Dist	03/24/2017	07/26/2023								375,000			375,000		(801)
	Midwest Mezzanine Fund IV, LP	Chicago	IL	Income Distribution	06/29/2007	09/15/2023													54,213
	Midwest Mezzanine Fund V, LP	Chicago	IL	Return of Capital	06/27/2013	07/11/2023	205,099	(268,874)				(268,874)		205,099	205,099				
	New Canaan Funding Mezz V, LP	New Canaan	CT	Stock Sale	01/31/2012	07/11/2023								14,270			14,270	14,270	
	New Canaan Funding Mezz VI, LP	New Canaan	CT	Income Distribution	11/23/2015	07/14/2023													37,181
	Northstar Mezz Partners V, LP	Minneapolis	MN	ROC, Stock Sale, Income Dist	08/30/2007	09/28/2023	80,512	(80,512)				(80,512)		80,512	221,316		140,804	140,804	40,769
	OCP Asia Fund IV (US) LP	Singapore	SGP	Return of Capital, Income Dist	01/26/2021	09/05/2023	689,069	(776,720)				(776,720)		689,069	689,069				182,436
	PA Direct Credit Opps Fd II	Darien	CT	ROC, Stock Sale, Income Dist	05/15/2017	07/21/2023	66,413	(69,245)				(69,245)		66,413	207,957		141,544	141,544	50,098
	PA Direct Credit OppsFd III LP	Darien	CT	Income Distribution	11/02/2020	07/19/2023													213,786
	Partners Group Dir Mezz 2011LP	St Peter Port		Return of Capital, Income Dist	12/11/2012	09/27/2023	59,905	(59,085)				(59,085)		59,905	59,905				6,762
	Peninsula Fund V, LP	Detroit	MI	Stock Sale, Income Dist	06/01/2010	09/28/2023								18,545			18,545		32,854
	Peninsula Fund VI, LP	Detroit	MI	Return of Capital, Income Dist	11/16/2015	09/26/2023	24,872	(33,747)				(33,747)		24,872	24,872				87,061
	Peninsula Fund VII, LP	Detroit	MI	Income Distribution	02/13/2020	09/27/2023													164,864
	Saybrook Corporate Opt Fd, LP	Los Angeles	CA	Stock Sale	03/30/2009	09/14/2023								269,859			269,859		269,859
	Siguler Guff SmbusCrOpps Fd LP	Boston	MA	ROC, Stock Sale, Income Dist	10/06/2017	08/24/2023	21,379	(19,701)				(19,701)		21,379	143,546		122,167	122,167	9,163
	Siguler Guff SmbusCrOppFdlI LP	Boston	MA	Return of Capital, Income Dist	12/05/2019	09/21/2023	106,170	(114,218)				(114,218)		106,170	106,170				427,756
	Superior Fund, LP	Detroit	MI	Return of Capital, Stock Sale	10/09/2007	09/30/2023	1	(1)				(1)		1	2,378		2,377	2,377	
	Tower Square Capl PrtnsIII LP	Springfield	MA	Stock Sale, Income Dist	05/02/2005	07/20/2023								24,367			24,367		1,486
	Varde Fund XIII, LP	Minneapolis	MN	Return of Capital	10/19/2018	08/04/2023	490,954	(618,868)				(618,868)		490,954	490,954				
	Varde XII, LP	Minneapolis	MN	Return of Capital	11/17/2016	08/11/2023	239,529	(474,380)				(474,380)		239,529	239,529				
	Wayzata Opportunities Fund, LP	Minneapolis	MN	Stock Sale	11/17/2016	08/11/2023								4,944			4,944		4,944
	Whippoorwill Distr Oppty Fd LP	White Plains	NY	Stock Sale	11/24/2020	06/28/2023								10,954			10,954		10,954
	2599999. Joint Venture Interests - Other - Unaffiliated							3,591,713	(4,214,755)		78,069		(4,292,824)	3,513,644	5,604,494		2,090,850	2,090,850	5,204,263
401378-AB-0	Guardian Life Ins Co of Amer	New York	NY	Direct	12/19/2017	09/30/2023	(3,804)		3,804										

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STATEMENT AS OF SEPTEMBER 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							
401378-AD-6	Guardian Life Ins Co of Amer	New York	NY	Direct	01/14/2020	09/30/2023	5		(5)			(5)							3,700	
575767-AL-2	Massachusetts Mutl Life Ins	Springfield	MA	Direct	03/20/2017	09/30/2023	3		(3)			(3)								
575767-AN-8	Massachusetts Mutl Life Ins	Springfield	MA	Direct	10/11/2019	09/30/2023	20		(20)			(20)								
575767-AO-1	Massachusetts Mutl Life Ins	Springfield	MA	Direct	04/27/2021	09/30/2023	(2,622)		2,622			2,622								
575767-AR-9	Massachusetts Mutl Life Ins	Springfield	MA	Direct	11/18/2021	09/30/2023	261		(261)			(261)								
638671-AL-1	Nationwide Mutual Insurance Co	Columbus	OH	Direct	12/13/2017	09/30/2023	(8,423)		8,423			8,423								
64952G-AE-8	New York Life Insurance Co	Newark	DE	Direct	10/31/2017	09/30/2023	(4,630)		4,630			4,630								
64952G-AF-5	New York Life Insurance Co	Newark	DE	Direct	10/18/2017	09/30/2023	(1,095)		1,095			1,095								
64952G-AT-5	New York Life Insurance Co	New York	NY	Direct	01/21/2021	09/30/2023	(9,866)		9,866			9,866								
668138-AA-8	Northwestern Mutual Life Ins	Milwaukee	WI	Direct	12/14/2021	09/30/2023	(16,545)		16,545			16,545								
668138-AC-4	Northwestern Mutual Life Ins	Milwaukee	WI	Direct	09/20/2019	09/30/2023	(20)		20			20								
69449F-AA-9	Pacific Life Insurance Co	Omaha	NE	Direct	10/26/2017	09/30/2023	202		(202)			(202)								
878091-BD-8	Teachers Ins & Annuity Assoc	New York	NY	Direct	09/15/2014	09/30/2023	2		(2)			(2)							8,575	
878091-BF-3	Teachers Ins & Annuity Assoc	New York	NY	Direct	02/15/2018	09/30/2023	(22,214)		22,214			22,214								
95765P-AA-7	Western & Southern Life Ins Co	Cincinnati	OH	Direct	01/17/2019	09/30/2023	349		(349)			(349)							392,688	
95765P-AE-9	Western & Southern Life Ins Co	Cincinnati	OH	Direct	04/27/2021	09/30/2023	124		(124)			(124)								
2799999. Surplus Debentures, etc - Unaffiliated							(68,253)		68,253			68,253							404,963	
	Aegon LIHTC Fund 55, LLC	Cedar Rapids	IA	Direct	09/14/2018	09/30/2023	218,779		(218,779)			(218,779)								
	Aegon LIHTC Fund 62, LLC	Cedar Rapids	IA	Direct	04/15/2021	09/30/2023	195,616		(195,616)			(195,616)								
	Cinnaire Fund for Hsng LP 31	Lansing	MI	Direct	10/03/2016	09/30/2023	146,854		(146,854)			(146,854)								
	Cinnaire Fund for Hsng LP 38	Lansing	MI	Direct	11/09/2022	09/30/2023	97,637		(97,637)			(97,637)								
	RAH Corp Partners Fd 57, LLC	Great Neck	NY	Direct	08/05/2021	09/30/2023	229,907		(229,907)			(229,907)								
	RBC Tax Cr Eq Nat'l Fd-28, LP	Charlotte	NC	Direct	10/10/2018	09/30/2023	220,055		(220,055)			(220,055)								
	RBC Cmty Invt Nat'l Fd 31 LP	Charlotte	NC	Direct	05/27/2021	09/30/2023	195,514		(195,514)			(195,514)								
	Red Stone Equity-Fund 75, LP	New York	NY	Direct	12/19/2019	09/30/2023	183,498		(183,498)			(183,498)								
	Red Stone Equity-Fund 84, LP	New York	NY	Direct	04/26/2021	09/30/2023	162,575		(162,575)			(162,575)								
	WNC Inst'l Tx Crdt Fund 44, LP	Irvine	CA	Direct	03/29/2018	09/30/2023	226,524		(226,524)			(226,524)								
	WNC Inst'l Tx Crdt Fund 49, LP	Irvine	CA	Direct	08/10/2020	09/30/2023	231,860		(231,860)			(231,860)								
	WNC Inst'l Tx Crdt Fund 52, LP	Irvine	CA	Direct	03/17/2022	09/30/2023	196,887		(196,887)			(196,887)								
3799999. Non-Guaranteed Federal Low Income Housing Tax Credit - Unaffiliated							2,305,706		(2,305,706)			(2,305,706)								
	MN Life Ins Co Rabbi Trust	St. Paul	MN	Sales within trust	01/01/1994	09/30/2023	42,054					42,054		73,690		31,636		31,636	24,862	
5899999. Any Other Class of Assets - Unaffiliated							42,054					42,054		73,690		31,636		31,636	24,862	
	Allied Wealth Partners (Lngdn)	Parsippany	NJ	Principal reduction payment	12/23/2009	09/30/2023	310,820					310,820		2,698		(308,122)		(308,122)	1,554	
5999999. Any Other Class of Assets - Affiliated							310,820					310,820		2,698		(308,122)		(308,122)	1,554	
6099999. Total - Unaffiliated							20,108,490	(27,251,954)	(2,237,453)	649,326		(30,138,733)	17,221,711	23,930,770		6,709,059		6,709,059	6,644,101	
6199999. Total - Affiliated							310,820						310,820		2,698		(308,122)		(308,122)	1,554
6299999 - Totals							20,419,310	(27,251,954)	(2,237,453)	649,326		(30,138,733)	17,532,531	23,933,468		6,400,937		6,400,937	6,645,655	

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STATEMENT AS OF SEPTEMBER 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		08/01/2023	Capitalized Interest		63,052	63,052		1.A
912810-TN-8	UNITED STATES TREASURY		07/11/2023	J P MORGAN SECURITIES		3,725,641	4,000,000	59,282	1.A
91282C-HC-8	UNITED STATES TREASURY		07/11/2023	BANC OF AMERICA SECURITIES		9,513,712	10,000,000	54,110	1.A FE
91282C-HH-7	UNITED STATES TREASURY		07/11/2023	J P MORGAN SECURITIES		5,733,183	5,800,000	18,303	1.A FE
91282C-HX-2	UNITED STATES TREASURY		09/25/2023	J P MORGAN SECURITIES		990,195	1,000,000	3,125	1.B FE
0109999999. Subtotal - Bonds - U.S. Governments						20,025,784	20,863,052	134,820	XXX
31338P-GN-2	FH 02005 - RMBS		07/12/2023	MIZUHO SECURITIES USA INC		1,587,748	1,552,809	3,106	1.A
31364H-V9-8	FNR 2013-133 BZ - CMO/RMBS		09/01/2023	Capitalized Interest		22,646	22,646		1.A
3137H5-PQ-4	FHR 5195 CZ - CMO/RMBS		09/01/2023	Capitalized Interest		94,352	94,352		1.A
3140XJ-3A-9	FN FS3492 - RMBS		07/01/2023	GOLDMAN SACHS					(15) 1.A
35563P-2S-7	SCRT 2021-2 MTU - CMO/RMBS		09/01/2023	Capitalized Interest		13,053	13,053		1.A
35563P-2U-2	SCRT 2021-2 MBU - CMO/RMBS		09/01/2023	Capitalized Interest		13,053	13,053		1.A
35563P-5A-3	SCRT 2021-3 MBU - CMO/RMBS		09/01/2023	Capitalized Interest		62,239	62,239		1.A
35563P-E4-7	SCRT 2022-2 MB - CMO/RMBS		09/01/2023	Capitalized Interest		5,735	5,735		1.A
35563P-HG-7	SCRT 2018-4 MB - CMO/RMBS		09/01/2023	Capitalized Interest		2,066	2,066		1.A
35563P-IM-8	SCRT 2019-4 MB - CMO/RMBS		09/01/2023	Capitalized Interest		82,409	82,409		1.A
35563P-SD-2	SCRT 2020-3 MB - CMO/RMBS		09/01/2023	Capitalized Interest		5,282	5,282		1.A
35563P-VB-2	SCRT 2021-1 MBU - CMO/RMBS		09/01/2023	Capitalized Interest		13,097	13,097		1.A
0909999999. Subtotal - Bonds - U.S. Special Revenues						1,901,680	1,866,742	3,091	XXX
00817Y-AZ-1	AETNA INC		08/16/2023	SANTANDER INVESTMENTS		5,113,220	7,000,000	2,260	2.B FE
03236V-AB-7	AXIS 2022-1 A2 - ABS		07/20/2023	MITSUBISHI UFJ SECURITIES		1,632,552	1,700,645	310	1.A FE
03842*-CD-6	AQUA PENNSYLVANIA, INC.		08/24/2023	Huntington		8,100,000	8,100,000		1.E Z
04621W-AF-7	ASSURED GUARANTY US HOLDINGS INC		08/16/2023	GOLDMAN SACHS		9,946,200	10,000,000		1.F FE
05366D-AA-6	AVIATION CAPITAL GROUP LLC		07/06/2023	FORT WASHINGTON		58,842	58,000	257	2.C FE
05553R-AZ-3	BBOMS 2023-C19 CTF - CMBS		09/26/2023	BARCLAYS CAPITAL		16,785,330	16,860,000	57,477	1.A FE
055985-AD-7	BMO 2023-C6 A4 - CMBS		08/11/2023	BMO CAPITAL MARKETS		20,199,918	20,000,000	91,497	1.A FE
065405-AD-4	BANK 2019-BNK16 A3 - CMBS		09/26/2023	GOLDMAN SACHS		403,330	450,000	1,263	1.A
06683*-AA-9	BANTECH 13 25 - ABS		07/03/2023	Capitalized Interest		6,531	6,531		5.B GI
09581*-AA-2	BLUE OIL GP STAKES V ISSUER A		09/07/2023	GOLDMAN SACHS		6,666,640	6,666,640		1.D PL
09581*-AB-0	BLUE OIL GP STAKES V ISSUER A		09/07/2023	GOLDMAN SACHS		4,016,950	4,016,950		1.D PL
09581*-AA-4	BLUE OIL GP STAKES V ISSUER B		09/07/2023	GOLDMAN SACHS		6,693,360	6,693,360		1.D PL
09581*-AB-2	BLUE OIL GP STAKES V ISSUER B		09/07/2023	GOLDMAN SACHS		4,033,050	4,033,050		1.D PL
09951L-AC-7	BOOZ ALLEN HAMILTON INC		08/01/2023	FORT WASHINGTON		229,000			1.C FE
110122-CR-7	BRISTOL-MYERS SQUIBB CO		08/15/2023	HSBC SECURITIES		8,263,300	10,000,000	131,042	1.F FE
12527G-AE-3	CF INDUSTRIES INC		07/12/2023	Various		5,432,745	6,000,000	106,604	2.B FE
12597B-AT-6	CSAIL 2019-C17 A4 - CMBS		09/27/2023	BANK OF AMERICA MERRILL LYNCH		4,078,944	4,910,000	10,551	1.A FE
12634N-AT-5	CSAIL 2015-C2 A4 - CMBS		07/20/2023	CITIGROUP GLOBAL MARKET		4,859,344	5,100,000	11,417	1.A FE
14687J-AE-9	CRVNA 2021-P3 A3 - ABS		07/24/2023	DEUTSCHE BANK		8,757,669	9,168,834	2,853	1.A FE
14687T-AD-9	CRVNA 2021-P2 A4 - ABS		07/07/2023	RBC DAIN RAUSCHER		995,344	1,086,000	24	1.A FE
15089Q-AY-0	CELANESE US HOLDINGS LLC		08/10/2023	Various		368,857	368,000		2.C FE
20602D-AA-9	CONCENTRIX CORP		07/19/2023	BANC OF AMERICA SECURITIES		8,991,360	9,000,000		2.B FE
20602D-AB-7	CONCENTRIX CORP		07/19/2023	BANC OF AMERICA SECURITIES		17,996,220	18,000,000		2.B FE
22207A-AA-0	COTY INC		07/19/2023	FORT WASHINGTON		115,000	115,000		3.B FE
224044-CC-9	COX COMMUNICATIONS INC		08/30/2023	J P MORGAN SECURITIES		1,504,192	1,900,000	14,488	2.B FE
29374E-AC-0	EFF 2021-1 A3 - ABS		07/12/2023	BARCLAYS CAPITAL		1,035,891	1,100,000	513	1.A FE
29374Y-AB-8	EFF 2021-2 A2 - ABS		07/12/2023	TORONTO DOMINION SECURITIES		4,877,554	5,051,188	1,616	1.A FE
29375J-AB-0	EFF 2022-1 A2 - ABS		07/20/2023	MITSUBISHI UFJ SECURITIES		5,148,658	5,277,081	1,777	1.A FE
33767P-AC-2	FKH 2022-SFR2 B - RMBS		07/14/2023	WELLS FARGO SECURITIES LLC		9,851,383	10,400,000	21,475	1.D FE

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STATEMENT AS OF SEPTEMBER 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
33767T-AC-4	FKH 21SFR2 B - RMBS		07/07/2023	J P MORGAN SECURITIES		594,855	690,000	308	1.D FE
33767W-AA-1	FKH 2021-SFR1 A - RMBS		07/25/2023	Various		1,105,013	1,257,523	1,401	1.A FE
33767W-AC-7	FKH 2021-SFR1 B - RMBS		08/11/2023	Various		8,819,172	10,000,000	6,218	1.C FE
33768E-AA-0	FKH 22SFR3 A - RMBS		08/22/2023	CITIGROUP GLOBAL MARKET		7,607,500	8,000,000	21,722	1.A FE
33835P-AA-4	FIVE CORNERS FUNDING TRUST IV		09/20/2023	Various		20,213,100	20,000,000	281,526	1.G FE
34531N-AA-4	FORDR 2020-REV1 A - ABS		07/12/2023	TORONTO DOMINION SECURITIES		967,744	1,025,000	1,684	1.A FE
34965K-AA-5	FORTREA HOLDINGS INC		08/17/2023	FORT WASHINGTON		113,045	115,000	1,265	3.B FE
362554-AE-7	GMCAR 2021-4 B - ABS		07/21/2023	WELLS FARGO SECURITIES LLC		872,663	960,000	300	1.B FE
364760-AP-3	GAP INC		08/25/2023	FORT WASHINGTON		166,828	224,000	3,338	4.A FE
389284-AA-8	GRAY TELEVISION INC		07/25/2023	FORT WASHINGTON		158,229	182,000	2,194	4.B FE
38937L-A*-2	GRAY OAK PIPELINE, LLC		09/13/2023	NETSCOUT SYSTEMS INC		21,000,000	21,000,000		2.C Z
404119-BV-0	HCA INC		09/27/2023	BANC OF AMERICA SECURITIES		8,669,300	10,000,000	158,889	2.C FE
418751-AD-5	HAT HOLDINGS I LLC		08/29/2023	FORT WASHINGTON		369,343	461,000	581	3.A FE
42824C-AY-5	HEWLETT PACKARD ENTERPRISE CO		09/27/2023	Various		9,946,750	10,000,000	279,576	2.B FE
435765-AJ-1	HOLLY ENERGY PARTNERS LP		08/21/2023	FORT WASHINGTON		55,440	56,000	1,269	3.A FE
444859-BX-9	HUMANA INC		09/20/2023	J P MORGAN SECURITIES		9,448,000	10,000,000	10,694	2.B FE
44891R-AD-2	HART 2020-C A4 - ABS		07/20/2023	GOLDMAN SACHS		5,108,979	5,375,000	658	1.A FE
44891V-AE-1	HALST 2021-B B - ABS		07/13/2023	TORONTO DOMINION SECURITIES		8,769,577	8,970,000	309	1.B FE
45344L-AC-7	CRESCENT ENERGY FINANCE LLC		08/02/2023	FORT WASHINGTON		326,216	321,000	15,094	3.C FE
46647P-BM-7	JPMORGAN CHASE & CO		07/12/2023	J P MORGAN SECURITIES		3,469,458	4,600,000	32,575	1.E FE
49456B-AW-1	KINDER MORGAN INC		07/12/2023	RBC DAIN RAUSCHER		2,447,523	2,700,000	66,626	2.B FE
50077L-AB-2	KRAFT HEINZ FOODS CO		08/16/2023	J P MORGAN SECURITIES		9,702,600	12,000,000	112,292	2.B FE
501044-DM-0	KROGER CO		09/14/2023	J P MORGAN SECURITIES		4,678,000	5,000,000	47,250	2.B FE
53219L-AV-1	LIFEPOINT HEALTH INC		07/31/2023	FORT WASHINGTON		229,000	229,000		4.B FE
548661-EM-5	LOWE'S COMPANIES INC		09/15/2023	Various		14,737,800	15,000,000	268,750	2.A FE
55300R-AG-6	MGM CHINA HOLDINGS LTD	C	07/26/2023	FORT WASHINGTON		182,000	200,000	4,671	4.A FE
59565J-AA-9	MIDAS OPCO HOLDINGS LLC		07/26/2023	FORT WASHINGTON		31,728	37,000	942	4.B FE
61691R-AE-6	MSC 2018-H4 A4 - CMBS		09/19/2023	CITIGROUP GLOBAL MARKET		5,002,805	5,400,000	12,930	1.A FE
61980*-AA-4	MFCP 12 261 - ABS		09/29/2023	Capitalized Interest		14,481	14,481	95	5.B GI
62954H-AN-8	NXP BV	C	09/27/2023	BANC OF AMERICA SECURITIES		3,030,550	5,000,000	53,715	2.B FE
65336Y-AN-3	NEXSTAR MEDIA INC		08/16/2023	FORT WASHINGTON		179,055	207,000	2,922	4.B FE
66981F-AC-4	AMSR 2020-SFR4 C - CMBS/RMBS		09/20/2023	WELLS FARGO SECURITIES LLC		1,814,063	2,000,000	2,165	1.E FE
66982F-AA-7	AMSR 21SFR4 A - CMBS		07/24/2023	WELLS FARGO SECURITIES LLC		1,631,716	1,835,000	2,698	1.A FE
66982F-AB-5	AMSR 21SFR4 B - CMBS		07/06/2023	CITIGROUP GLOBAL MARKET		4,826,821	5,525,000	3,338	1.D FE
68389X-BJ-3	ORACLE CORP		09/14/2023	WELLS FARGO SECURITIES LLC		3,704,150	5,000,000	35,000	2.B FE
68389X-BQ-7	ORACLE CORP		09/14/2023	WELLS FARGO SECURITIES LLC		7,307,600	10,000,000	136,667	2.B FE
68389X-CK-9	ORACLE CORP		09/21/2023	RBC DAIN RAUSCHER		10,566,350	10,000,000	260,667	2.B FE
69354N-AC-0	PRA GROUP INC		08/08/2023	FORT WASHINGTON		177,053	183,000	5,961	3.B FE
694476-AD-4	PACIFIC LIFE CORP		09/27/2023	Various		13,956,905	15,666,000	115,924	1.G FE
694476-AF-9	PACIFIC LIFE CORP		09/19/2023	J P MORGAN SECURITIES		4,659,350	5,000,000	4,500	1.G FE
74331F-AC-5	PROG 2021-SFR1 B - RMBS		08/03/2023	CITIGROUP GLOBAL MARKET		3,702,070	4,200,000	912	1.C FE
74332Y-AC-3	PROG 22SFR5 B - RMBS		07/18/2023	GOLDMAN SACHS		7,668,125	8,000,000	20,672	1.D FE
74333L-AA-4	PROG 2020-SFR2 A - RMBS		08/15/2023	WELLS FARGO SECURITIES LLC		15,179,463	16,279,889	15,035	1.A FE
775631-AD-6	ROLLER BEARING COMPANY OF AMERICA INC		07/21/2023	FORT WASHINGTON		251,495	281,000	3,415	4.B FE
78397K-AA-0	SEG HOLDING LLC		08/16/2023	FORT WASHINGTON		74,100	78,000	1,499	4.A FE
80007R-AL-9	SANDS CHINA LTD	C	07/24/2023	FORT WASHINGTON		181,560	204,000	1,050	2.C FE
80282Y-AD-8	SCART 2021-A A4 - ABS		07/25/2023	INTL FCSTONE PARTNERS, LLP		696,057	725,000	116	1.A FE
80286T-AD-5	SRT 2021-A A4 - ABS		07/13/2023	TORONTO DOMINION SECURITIES		5,137,412	5,250,000	2,363	1.A FE

STATEMENT AS OF SEPTEMBER 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
81104P-AA-7	E W SCRIPPS CO		09/01/2023	FORT WASHINGTON		157,547	195,000	1,614	4.A FE
82873M-AA-1	SIMMONS FOODS INC		08/16/2023	FORT WASHINGTON		68,000		1,459	4.C FE
82967N-BJ-6	SIRIUS XM RADIO INC		08/01/2023	FORT WASHINGTON		179,735	206,000	412	3.C FE
838515-MF-8	SOUTH JERSEY GAS CO		08/15/2023	KEYBANC CAPITAL MARKETS		18,100,000	18,100,000		1.E Z
838518-AA-6	SOUTH JERSEY INDUSTRIES INC		07/14/2023	FORT WASHINGTON		175,561	223,000	2,805	3.A FE
86745G-AF-0	SUNNOVA ENERGY CORP		08/03/2023	FORT WASHINGTON		134,845	149,000	3,793	4.B FE
883556-AF-9	THERMO FISHER SCIENTIFIC INC.		09/06/2023	CITIGROUP GLOBAL MARKET		18,963,766	18,956,063		1.G Z
89613G-AB-2	TAH 2020-SFR1 B - RMBS		07/24/2023	INTL FCSTONE PARTNERS, LLP		4,269,497	4,760,000	6,773	1.B FE
89616Q-AA-9	TON 2022-SFR1 A - CMBS		07/25/2023	BANK OF AMERICA MERRILL LYNCH		4,856,712	5,205,000	14,495	1.A FE
89616Q-AA-9	TON 2022-SFR1 A - CMBS		08/17/2023	BANK OF AMERICA MERRILL LYNCH		2,091,357	2,250,000	4,820	1.A FE
89616W-AA-6	TON 23SFR1 A - CMBS		07/01/2023	MORGAN STANLEY & COMPANY			(1,417)		1.A FE
896522-AJ-8	TRINITY INDUSTRIES INC		08/02/2023	FORT WASHINGTON		168,300	165,000	1,208	3.B FE
89681L-AA-0	TRITON CONTAINER INTERNATIONAL LTD	C	09/27/2023	CITIGROUP GLOBAL MARKET		7,491,100	10,000,000	12,639	2.C FE
90312F-AK-6	UNS ELECTRIC, INC.		08/03/2023	SCOTIA CAPITAL		6,325,000	6,325,000		1.G FE
914906-AY-8	UNIVISION COMMUNICATIONS INC		07/24/2023	FORT WASHINGTON		184,000	184,000		4.A FE
91529Y-AJ-5	UNUM GROUP		09/19/2023	J P MORGAN SECURITIES		4,526,450	5,000,000	28,750	2.C FE
91838P-AA-9	VT TOPCO INC		08/03/2023	FORT WASHINGTON		115,000	115,000		4.B FE
927804-GN-8	VIRGINIA ELECTRIC AND POWER CO		08/15/2023	BANC OF AMERICA SECURITIES		9,812,400	10,000,000	11,083	1.F FE
960413-AU-6	WESTLAKE CORP		09/22/2023	Various		3,779,020	5,000,000	79,479	2.B FE
98163L-AC-4	WOART 2021-B A3 - ABS		07/19/2023	NETSOUTH CAPITAL		1,664,621	1,728,915	121	1.A FE
98163U-AE-0	WOSAT 2023-A B - ABS		08/21/2023	MIZUHO SECURITIES USA INC		6,753,373	6,765,000	8,825	1.C FE
98164G-AE-0	WOART 2022-A B - ABS		07/19/2023	TORONTO DOMINION SECURITIES		9,218,014	9,965,000	3,737	1.C FE
1109999999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)						494,728,909	527,901,150	2,637,798	XXX
2509999997. Total - Bonds - Part 3						516,656,373	550,630,944	2,775,709	XXX
2509999998. Total - Bonds - Part 5						XXX	XXX	XXX	XXX
2509999999. Total - Bonds						516,656,373	550,630,944	2,775,709	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
03027X-10-0	AMERICAN TOWER REIT		09/21/2023	Various	10,635,000	1,996,810			
03064D-10-8	AMERICOLD REALTY ORD		08/10/2023	CITIGROUP GLOBAL MARKETS INC.	5,201,000	164,040			
037833-10-0	APPLE ORD		09/28/2023	MERRILL LYNCH PIERCE FENNER & SMITH INC.	3,388,000	573,479			
235851-10-2	DANAHER ORD		07/13/2023	MORGAN STANLEY & CO	50,000	11,935			
294429-10-5	EQUIFAX ORD		07/13/2023	FIRST ALBANY	31,000	7,231			
30225T-10-2	EXTRA SPACE STORAGE REIT ORD		09/15/2023	Various	7,372,000	947,722			
45866F-10-4	INTERCONTINENTAL EXCHANGE ORD		07/13/2023	UBS Securities LLC	58,000	6,739			
461202-10-3	INTUIT ORD		07/13/2023	BTIG LLC	62,000	29,841			
46120E-60-2	INTUITIVE SURGICAL ORD		07/17/2023	FIRST ALBANY	67,000	23,740			
502441-30-6	LVNH MOET HENNESSY LOUIS VUITTON ADR	C	08/02/2023	JPMORGANCHASE/CUSTJPMCC	510,000	92,621			
67066G-10-4	NVIDIA ORD		09/28/2023	MERRILL LYNCH PIERCE FENNER & SMITH INC.	3,880,000	1,656,882			
75513E-10-1	RTX ORD		08/03/2023	MORGAN STANLEY & CO	1,000,000	84,742			
78410G-10-4	SBA COMMUNICATIONS CL A REIT ORD		07/20/2023	Various	689,000	154,180			
866674-10-4	SUN COMMUNITIES REIT ORD		07/11/2023	Various	1,202,000	158,238			
870430-10-8	SWEETGREEN CL A ORD		07/24/2023	TRANSFER	16,000,000	245,920			
879360-10-5	TELEDYNE TECH ORD		09/13/2023	Various	2,775,000	1,114,565			
898320-10-9	TRUIST FINANCIAL ORD		08/03/2023	MERRILL LYNCH PIERCE FENNER & SMITH INC.	2,600,000	83,693			
92343E-10-2	VERISIGN ORD		08/10/2023	Various	136,000	28,629			
925652-10-9	VICI PPTYS ORD		07/31/2023	Various	17,224,000	554,855			

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STATEMENT AS OF SEPTEMBER 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	
92936U-10-9	W P CAREY REIT ORD		09/29/2023	Various	7,184.000	397,537				
94106B-10-1	WASTE CONNECTIONS ORD	C.	08/24/2023	Various	3,378.000	474,441				
95040Q-10-4	WELLTOWER ORD		09/06/2023	CITIGROUP GLOBAL MARKETS, INC	6,492.000	520,723				
98978V-10-3	ZOETIS CL A ORD		07/17/2023	BARCLAYS CAPITAL LE	187.000	31,988				
D0712D-16-3	BAYER N ORD	B.	07/26/2023	JP Morgan Securities LLC	1,911.000	109,163				
G08288-10-5	BARRATT DEVELOPMENTS ORD	B.	08/18/2023	Various	61,315.000	335,138				
G4634U-16-9	HSBC HOLDINGS ORD	B.	08/24/2023	Various	112,465.000	889,959				
G82343-16-4	SMITH AND NEPHEW ORD	B.	07/26/2023	Various	4,997.000	77,581				
G8248F-10-4	SMURFIT KAPPA GROUP ORD	B.	09/28/2023	Various	19,371.000	715,901				
G92087-16-5	UNILEVER ORD	B.	07/01/2023	Direct	0.830	42				
H00392-31-8	ADECCO N ORD	B.	08/24/2023	CITIGROUP GLOBAL MKTS INC (TAXABLE FI)	1,873.000	81,062				
H8088L-10-3	SPORTRADAR GROUP CL A ORD	C.	08/18/2023	TRANSFER	22,858.000	323,669				
J58214-13-1	NI TORI HOLDINGS ORD		08/24/2023	MORGAN STANLEY AND CO LLC	700.000	78,791				
J8129E-10-8	TAKEDA PHARM ORD	B.	07/18/2023	MERRIL LYNCH INTL LONDON	8,700.000	269,550				
5019999999	Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Publicly Traded						12,241,405	XXX		XXX
5989999997	Total - Common Stocks - Part 3						12,241,405	XXX		XXX
5989999998	Total - Common Stocks - Part 5						XXX	XXX	XXX	XXX
5989999999	Total - Common Stocks						12,241,405	XXX		XXX
5999999999	Total - Preferred and Common Stocks						12,241,405	XXX		XXX
6009999999	Totals						528,897,778	XXX	2,775,709	XXX

STATEMENT AS OF SEPTEMBER 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 Ident- ification	2 Description	3 For- eign	4 Disposal Date	5 Name of Purchaser	6 Number of Shares of Stock	7 Consid- eration	8 Par Value	9 Actual Cost	10 Prior Year Book/ Adjusted Carrying Value	Change In Book/Adjusted Carrying Value					16 Book/ Adjusted Carrying Value at Disposal Date	17 Foreign Exchange Gain (Loss) on Disposal	18 Realized Gain (Loss) on Disposal	19 Total Gain (Loss) on Disposal	20 Bond Interest/ Stock Dividends Received During Year	21 Stated Con- tractual Maturity Date	22 NAIC Desig- nation, NAIC Desig- nation Modifier and SVO Admini- strative Symbol	
										11 Unrealized Valuation Increase/ (Decrease)	12 Current Year's (Amor- tization)/ Accretion	13 Current Year's Other Than Temporary Impairment Recogn- ized	14 Total Change in Book/ Adjusted Carrying Value (11 + 12 - 13)	15 Total Foreign Exchange Change in Book /Adjusted Carrying Value								
..302155-BB-1	DY7 LEASING LLC		09/11/2023	Paydown		4,714	4,714	4,714						4,714				100	12/10/2025	1.A		
..36176M-PD-9	G2 770220 - RMBS		09/01/2023	Paydown		21,559	21,559	23,054	22,439	(881)				21,559				331	07/20/2031	1.A		
..36176M-PE-7	G2 770221 - RMBS		09/01/2023	Paydown		3,395	3,395	3,629	3,567	(172)				3,395				57	06/20/2036	1.A		
..36176M-PF-4	G2 770222 - RMBS		09/01/2023	Paydown		10,141	10,141	11,149	10,749	(608)				10,141				169	08/20/2031	1.A		
..36179M-NG-1	G2 MA0391 - RMBS		09/01/2023	Paydown		8,509	8,509	8,428	8,424	85				8,509				170	09/20/2042	1.A		
..36179M-TZ-1	G2 MA7768 - RMBS		09/01/2023	Paydown		693,708	693,708	721,520	720,196	(26,487)				693,708				13,809	12/20/2051	1.A		
..3617AA-X3-3	G2 A09698 - RMBS		09/01/2023	Paydown		6,961	6,961	7,209	7,170	(209)				6,961				151	01/20/2036	1.A		
..36180B-AY-7	G2 AD0023 - RMBS		09/01/2023	Paydown		4,287	4,287	4,576	4,513	(225)				4,287				58	04/20/2033	1.A		
..36182N-RN-5	G2 AH5893 - RMBS		09/01/2023	Paydown		2,732	2,732	2,882	2,851	(119)				2,732				73	04/20/2039	1.A		
..36183Q-ZB-4	GN AK7038 - RMBS		09/01/2023	Paydown		549	549	569	561	(52)				549				7	03/15/2045	1.A		
..36185B-QJ-8	GN A8B557 - RMBS		09/01/2023	Paydown		1,213	1,213	1,243	1,268	(55)				1,213				15	05/15/2045	1.A		
..36193P-DW-2	G2 AS4617 - RMBS		09/01/2023	Paydown		2,504	2,504	2,655	2,766	(263)				2,504				37	04/20/2046	1.A		
..36200M-J6-1	GN 604285 - RMBS		09/01/2023	Paydown		1,024	1,024	969	981	43				1,024				33	05/15/2033	1.A		
..36200N-YN-5	GN 605617 - RMBS		09/01/2023	Paydown		443	443	440	441	2				443				15	07/15/2034	1.A		
..36205A-NV-0	GN 384797 - RMBS		09/01/2023	Paydown		662	662	653	658	3				662				31	09/15/2025	1.A		
..36209R-YC-1	GN 479607 - RMBS		09/01/2023	Paydown		2,789	2,789	2,957	2,970	(182)				2,789				46	10/15/2041	1.A		
..3620A6-CS-4	GN 720181 - RMBS		09/01/2023	Paydown		16,073	16,073	15,879	15,854	219				16,073				442	07/15/2039	1.A		
..3620A6-DV-6	GN 720216 - RMBS		09/01/2023	Paydown		34,629	34,629	34,483	34,468	161				34,629				868	07/15/2039	1.A		
..3620A6-FF-3	GN 720276 - RMBS		09/01/2023	Paydown		53,377	53,377	54,219	54,452	(1,075)				53,377				1,755	08/15/2039	1.A		
..3620A9-3J-8	GN 723601 - RMBS		09/01/2023	Paydown		2,732	2,732	2,873	2,867	(135)				2,732				91	01/15/2040	1.A		
..3620A9-YU-9	GN 723523 - RMBS		09/01/2023	Paydown		124,526	124,526	127,055	126,913	(2,388)				124,526				3,548	12/15/2039	1.A		
..3620A9-ZA-2	GN 723537 - RMBS		09/01/2023	Paydown		25,724	25,724	25,772	25,781	(57)				25,724				708	12/15/2039	1.A		
..3620AK-YQ-3	GN 732519 - RMBS		09/01/2023	Paydown		867	867	931	955	(88)				867				18	07/15/2040	1.A		
..3620AR-3D-1	GN 737996 - RMBS		09/01/2023	Paydown		20,175	20,175	20,080	20,085	90				20,175				566	02/15/2041	1.A		
..3620AX-6F-0	GN 743470 - RMBS		09/01/2023	Paydown		16,832	16,832	18,284	18,100	(1,268)				16,832				556	06/15/2040	1.A		
..36230L-CT-4	GN 751882 - RMBS		09/01/2023	Paydown		9,920	9,920	9,387	9,528	392				9,920				206	11/15/2040	1.A		
..36241K-GU-6	GN 782011 - RMBS		09/01/2023	Paydown		1,369	1,369	1,290	1,302	67				1,369				45	12/15/2035	1.A		
..36290Q-JN-6	GN 614169 - RMBS		09/01/2023	Paydown		834	834	790	802	33				834				28	07/15/2033	1.A		
..36290V-2G-8	GN 619175 - RMBS		09/01/2023	Paydown		929	929	950	945	(15)				929				34	12/15/2034	1.A		
..36296F-U6-8	GN 690105 - RMBS		09/01/2023	Paydown		1,028	1,028	1,071	1,075	(47)				1,028				38	07/15/2038	1.A		
..36296Q-Y7-8	GN 698334 - RMBS		09/01/2023	Paydown		11,324	11,324	11,187	11,176	147				11,324				287	05/15/2039	1.A		
..36296T-RA-3	GN 700781 - RMBS		09/01/2023	Paydown		6,590	6,590	6,890	6,870	(280)				6,590				263	10/15/2038	1.A		
..38378G-RM-2	GNR 2012-143 LA - CMO/RMBS		09/01/2023	Paydown		3,700	3,700	3,562	3,553	147				3,700				15	12/20/2042	1.A		
..38378Y-TN-9	GNR 2013-165 LZ - CMO/RMBS		09/01/2023	Paydown		625,594	625,594	501,004	556,134	69,460				625,594				10,372	11/16/2043	1.A		
..38379A-QY-9	GNR 2014-026 LZ - CMO/RMBS		09/01/2023	Paydown		81,547	81,547	63,637	71,716	9,831				81,547				1,518	02/16/2044	1.A		
..42328B-AE-2	HELIOS LEASING I LLC		08/16/2023	Paydown		7,854	7,854	7,854	7,854					7,854				72	05/16/2025	1.A		
..911760-FH-4	VENDE 1995-1 2 - CMO/RMBS		09/01/2023	Paydown		2,522	2,522	2,392	2,492	30				2,522				130	02/15/2025	1.A		
..911760-FZ-4	VENDE 1995-2 1 - CMO/RMBS		09/01/2023	Paydown		3,624	3,624	3,493	3,601	23				3,624				157	06/15/2025	1.A		
..911760-GJ-9	VENDE 1995-2 3 - CMO/RMBS		09/01/2023	Paydown		5,326	5,326	5,366	5,365	(39)				5,326				312	06/15/2025	1.A		
..911760-KG-0	VENDE 1997-1 3A - CMO/RMBS		09/01/2023	Paydown		683	683	700	685	(2)				683				38	12/15/2026	1.A		
..912810-TN-8	UNITED STATES TREASURY		07/12/2023	Var ious		3,749,527	4,000,000	3,725,641		17				3,725,658		23,869	23,869	59,682	02/15/2053	1.A		
..91282C-HC-8	UNITED STATES TREASURY		07/13/2023	Var ious		9,614,840	10,000,000	9,513,712		180				9,513,892		100,948	100,948	55,568	05/15/2033	1.A FE		
..91282C-HH-7	UNITED STATES TREASURY		07/13/2023	Var ious		5,766,417	5,800,000	5,733,183		126				5,733,310		33,107	33,107	19,681	06/15/2026	1.A FE		
..91282C-HX-2	UNITED STATES TREASURY		09/26/2023	WELLS FARGO SEC		989,164	1,000,000	990,195		10				990,206		(1,041)	(1,041)	3,365	08/31/2028	1.B FE		
010999999 Subtotal - Bonds - U.S. Governments						21,942,917	22,622,969	21,678,761	1,772,167				46,422	46,422		21,786,034		156,883	156,883	175,464	XXX	XXX
..181070-DX-8	CLARK CNTY NEV WTR RECLAMATION DIST		07/06/2023	RAYMOND JAMES		1,705,100	1,700,000	1,741,922	1,712,041	(2,436)				1,709,605		(4,505)	(4,505)	69,700	07/01/2033	1.B FE		

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STATEMENT AS OF SEPTEMBER 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
..181070-DZ-3	CLARK CNTY NEV WTR RECLAMATION DIST		07/18/2023	RAYMOND JAMES		5,793,080	5,770,000	5,873,918	5,799,915				(6,367)		5,793,548		(468)	(468)	242,981	07/01/2035	1.B FE
..181070-EC-3	CLARK CNTY NEV WTR RECLAMATION DIST		07/24/2023	MARKETAXESS		5,954,463	5,950,000	5,988,556	5,961,119				(2,435)		5,958,684		(4,222)	(4,222)	254,528	07/01/2038	1.B FE
..498531-OP-4	KLEIN TEX INDPY SCH DIST		07/13/2023	MARKETAXESS		717,300	720,000	729,922	721,291				(640)		720,651		(3,351)	(3,351)	25,950	02/01/2034	1.A FE
0709999999 Subtotal - Bonds - U.S. Political Subdivisions of States, Territories and Possessions						14,169,943	14,140,000	14,334,317	14,194,365				(11,878)		14,182,487		(12,545)	(12,545)	593,159	XXX	XXX
..01026C-AC-5	ALABAMA ECONOMIC SETTLEMENT AUTH		09/15/2023	Call @ 100.00		105,000	105,000	105,617	105,280				(70)		105,209		(209)	(209)	3,321	09/15/2025	1.G FE
..040654-YD-1	ARIZONA ST TRANS BRD HIWY REV		09/20/2023	TENDER		1,623,040	2,000,000	2,000,000	2,000,000						2,000,000				(299,744)	07/01/2038	1.B FE
..232287-AW-2	CUYAHOGA CNTY OHIO SALES TAX REV		08/09/2023	PIPER SANDLER		2,996,250	3,000,000	3,114,870	3,025,322				(7,876)		3,017,447		(21,197)	(21,197)	83,333	12/01/2036	1.C FE
..29270C-J7-1	ENERGY NORTHWEST WASH ELEC REV		07/21/2023	MARKETAXESS		5,715,928	5,665,000	5,894,433	5,729,423				(14,090)		5,715,333		595	595	241,707	07/01/2035	1.C FE
..30711X-AT-1	CAS 2015-C01 1M2 - CDO/RMBS		09/25/2023	Paydown		33,350	33,350	35,427	35,775				(2,425)		33,350				1,547	02/25/2025	1.A
..30711X-CB-8	CAS 2016-C02 1M2 - CMO/RMBS		09/25/2023	Paydown		67,382	67,382	72,798	72,798				(5,416)		67,382				4,902	09/25/2028	1.A
..30711X-DK-7	CAS 2016-C05 2M2 - CMO/RMBS		09/25/2023	Paydown		86,057	86,057	93,550	92,882				(6,825)		86,057				5,349	01/25/2029	1.A
..30711X-GP-3	CAS 2017-C02 2M2 - CMO/RMBS		09/25/2023	Paydown		6,460	6,460	6,824	7,013				(554)		6,460				277	09/25/2029	1.A
..30768W-AA-6	FARM 2021-1 A - CMO/RMBS		09/01/2023	Paydown		91,499	91,499	91,462	91,459				40		91,499				1,216	01/25/2051	1.A FE
..312805-JG-0	FAYETTEVILLE N C PUB WKS COMMN REV		07/19/2023	PIPER SANDLER		9,503,106	9,515,000	9,817,958	9,557,987				(20,075)		9,537,912		(34,806)	(34,806)	338,311	03/01/2039	1.C FE
..3128K7-NM-6	FH A46696 - RMBS		09/01/2023	Paydown		8,371	8,371	7,693	7,414				957		8,371				226	08/01/2035	1.A
..3128LX-AE-0	FH G01805 - RMBS		09/01/2023	Paydown		13,832	13,832	13,465	13,517				315		13,832				420	04/01/2035	1.A
..3128LX-KD-1	FH G02092 - RMBS		09/01/2023	Paydown		13,999	13,999	13,627	13,629				370		13,999				449	02/01/2036	1.A
..3128M7-JC-1	FH G05359 - RMBS		09/01/2023	Paydown		21,784	21,784	21,464	21,520				263		21,784				581	11/01/2033	1.A
..3128M9-VV-1	FH G07528 - RMBS		09/01/2023	Paydown		134,646	134,646	129,733	128,785				5,861		134,646				2,715	09/01/2043	1.A
..3128MD-RJ-4	FH G14789 - RMBS		09/01/2023	Paydown		11,494	11,494	12,074	11,864				(370)		11,494				230	07/01/2028	1.A
..3128MF-QB-7	FH G16550 - RMBS		09/01/2023	Paydown		10,930	10,930	10,729	10,691				240		10,930				217	05/01/2033	1.A
..3128MJ-2M-1	FH G08779 - RMBS		09/01/2023	Paydown		79,256	79,256	79,312	79,424				(168)		79,256				1,834	09/01/2047	1.A
..3128MJ-2S-8	FH G08784 - RMBS		09/01/2023	Paydown		33,157	33,157	34,119	34,795				(1,639)		33,157				777	10/01/2047	1.A
..3128MJ-4V-9	FH G08835 - RMBS		09/01/2023	Paydown		23,685	23,685	23,826	23,987				(302)		23,685				551	09/01/2048	1.A
..3128MJ-S3-5	FH G08537 - RMBS		09/01/2023	Paydown		135,109	135,109	130,148	129,224				5,885		135,109				2,686	07/01/2043	1.A
..3128MJ-SS-0	FH G08528 - RMBS		09/01/2023	Paydown		114,859	114,859	110,597	109,670				5,190		114,859				2,288	04/01/2043	1.A
..3128MJ-Y6-1	FH G08732 - RMBS		09/01/2023	Paydown		48,049	48,049	49,607	50,330				(2,281)		48,049				956	11/01/2046	1.A
..3128MJ-Z0-6	FH G08750 - RMBS		09/01/2023	Paydown		95,208	95,208	94,776	94,664				543		95,208				1,857	03/01/2047	1.A
..3128MM-UC-5	FH G18578 - RMBS		09/01/2023	Paydown		28,597	28,597	29,494	29,360				(763)		28,597				572	12/01/2030	1.A
..3128MM-UG-6	FH G18582 - RMBS		09/01/2023	Paydown		54,171	54,171	56,966	56,669				(2,498)		54,171				1,072	01/01/2031	1.A
..3128MM-UQ-4	FH G18590 - RMBS		09/01/2023	Paydown		17,254	17,254	17,847	17,847				(532)		17,254				288	03/01/2031	1.A
..3128MM-VG-5	FH G18614 - RMBS		09/01/2023	Paydown		161,748	161,748	162,631	162,551				(803)		161,748				2,678	10/01/2031	1.A
..3128MM-VZ-3	FH G18631 - RMBS		09/01/2023	Paydown		159,479	159,479	160,340	160,268				(789)		159,479				2,525	02/01/2032	1.A
..3128MM-W7-4	FH G18669 - RMBS		09/01/2023	Paydown		138,905	138,905	137,583	137,478				1,426		138,905				2,204	12/01/2032	1.A
..3128MM-WU-3	FH G18658 - RMBS		09/01/2023	Paydown		119,107	119,107	119,036	119,004				103		119,107				1,977	09/01/2032	1.A
..3128MM-WY-5	FH G18662 - RMBS		09/01/2023	Paydown		43,388	43,388	43,476	43,487				(98)		43,388				725	10/01/2032	1.A
..3128MM-X8-1	FH G18702 - RMBS		09/01/2023	Paydown		10,519	10,519	10,521	10,519				(6)		10,519				241	08/01/2033	1.A
..3128MM-XF-5	FH G18677 - RMBS		09/01/2023	Paydown		11,851	11,851	11,804	11,800				51		11,851				87	02/01/2033	1.A
..3128MM-XK-4	FH G18681 - RMBS		09/01/2023	Paydown		16,891	16,891	16,929	16,943				(52)		16,891				222	03/01/2033	1.A
..3128PU-CN-0	FH J14577 - RMBS		09/01/2023	Paydown		24,395	24,395	25,855	25,034				(639)		24,395				577	03/01/2026	1.A
..31292L-GC-3	FH C03795 - RMBS		09/01/2023	Paydown		64,370	64,370	63,902	63,814				555		64,370				1,500	04/01/2042	1.A
..312930-VK-3	FH A84218 - RMBS		09/01/2023	Paydown		36,128	36,128	36,224	36,204				(75)		36,128				1,088	05/01/2038	1.A
..312936-Y2-7	FH A89729 - RMBS		09/01/2023	Paydown		19,764	19,764	20,024	20,074				(310)		19,764				556	11/01/2039	1.A
..312936-YZ-4	FH A89728 - RMBS		09/01/2023	Paydown		40,481	40,481	40,816	40,863				(382)		40,481				1,049	10/01/2039	1.A
..312939-JD-4	FH A91160 - RMBS		09/01/2023	Paydown		91,133	91,133	91,379	91,415				(282)		91,133				2,628	02/01/2040	1.A
..312942-2T-1	FH A94386 - RMBS		09/01/2023	Paydown		12,841	12,841	12,802	12,797				44		12,841				343	10/01/2040	1.A

STATEMENT AS OF SEPTEMBER 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		09/01/2023	Paydown		26,224	26,224	25,879	25,871			352	352		26,224				702	10/01/2040	1.A
..312943-F3-2	FH A94686 - RMBS		09/01/2023	Paydown		111,421	111,421	110,185	110,036		1,385		1,385		111,421				2,722	11/01/2040	1.A
..312943-F4-0	FH A94687 - RMBS		09/01/2023	Paydown		14,457	14,457	14,297	14,302		155		155		14,457				389	11/01/2040	1.A
..312945-A4-0	FH A96327 - RMBS		09/01/2023	Paydown		138,724	138,724	137,424	137,377		1,347		1,347		138,724				3,843	01/01/2041	1.A
..31297V-7G-7	FH A39895 - RMBS		09/01/2023	Paydown		8,005	8,005	7,864	7,885		120		120		8,005				299	11/01/2035	1.A
..3131WD-ST-9	FH Z11758 - RMBS		09/01/2023	Paydown		3,178	3,178	3,136	3,139		39		39		3,178				116	05/01/2034	1.A
..3131WD-7E-0	FH Z11793 - RMBS		09/01/2023	Paydown		6,440	6,440	6,354	6,367		73		73		6,440				236	05/01/2034	1.A
..3131WD-BJ-4	FH Z10941 - RMBS		09/01/2023	Paydown		3,135	3,135	3,117	3,117		18		18		3,135				126	11/01/2033	1.A
..3131WE-2S-2	FH Z12585 - RMBS		09/01/2023	Paydown		15,986	15,986	16,034	16,039		(53)		(53)		15,986				520	10/01/2034	1.A
..3131WF-SC-6	FH Z13215 - RMBS		09/01/2023	Paydown		274	274	268	268		7		7		274				9	04/01/2035	1.A
..3131WG-6B-0	FH Z14466 - RMBS		09/01/2023	Paydown		2,231	2,231	2,250	2,244		(13)		(13)		2,231				82	07/01/2035	1.A
..3131WG-FR-5	FH Z13776 - RMBS		09/01/2023	Paydown		4,214	4,214	4,419	4,495		(281)		(281)		4,214				173	11/01/2035	1.A
..3131WG-HH-5	FH Z13932 - RMBS		09/01/2023	Paydown		316	316	311	310		6		6		316				11	11/01/2035	1.A
..3131WK-VP-2	FH Z16922 - RMBS		09/01/2023	Paydown		695	695	721	714		(19)		(19)		695				32	12/01/2037	1.A
..3131WM-HH-9	FH Z18345 - RMBS		09/01/2023	Paydown		523	523	531	532		(9)		(9)		523				19	12/01/2038	1.A
..3131WN-6F-6	FH Z19870 - RMBS		09/01/2023	Paydown		1,451	1,451	1,494	1,497		(46)		(46)		1,451				48	04/01/2040	1.A
..3131WN-QA-5	FH Z19449 - RMBS		09/01/2023	Paydown		2,160	2,160	2,251	2,261		(101)		(101)		2,160				72	11/01/2039	1.A
..3131WQ-LY-1	FH ZJ0343 - RMBS		09/01/2023	Paydown		4,944	4,944	5,214	5,271		(327)		(327)		4,944				158	08/01/2040	1.A
..3131WQ-OP-5	FH ZJ0462 - RMBS		09/01/2023	Paydown		27,437	27,437	27,881	27,922		(485)		(485)		27,437				667	09/01/2040	1.A
..3131WQ-RU-3	FH ZJ0499 - RMBS		09/01/2023	Paydown		13,934	13,934	14,453	14,622		(688)		(688)		13,934				467	09/01/2040	1.A
..3131WQ-UC-9	FH ZJ0579 - RMBS		09/01/2023	Paydown		1,848	1,848	1,892	1,920		(72)		(72)		1,848				49	10/01/2040	1.A
..3131WQ-XU-6	FH ZJ0691 - RMBS		09/01/2023	Paydown		10,263	10,263	10,210	10,206		57		57		10,263				274	11/01/2040	1.A
..3131WR-GC-3	FH ZJ1095 - RMBS		09/01/2023	Paydown		11,007	11,007	11,199	11,287		(280)		(280)		11,007				341	01/01/2041	1.A
..3131WR-KD-6	FH ZJ1192 - RMBS		09/01/2023	Paydown		8,117	8,117	7,934	7,910		207		207		8,117				223	02/01/2041	1.A
..3131WR-LV-5	FH ZJ1240 - RMBS		09/01/2023	Paydown		32,707	32,707	32,931	32,931		(224)		(224)		32,707				826	02/01/2041	1.A
..3131WR-R9-8	FH ZJ1412 - RMBS		09/01/2023	Paydown		2,994	2,994	3,169	3,185		(191)		(191)		2,994				89	03/01/2041	1.A
..3131WX-D4-1	FH ZJ6423 - RMBS		09/01/2023	Paydown		2,310	2,310	2,382	2,361		(51)		(51)		2,310				100	09/01/2032	1.A
..3131XG-LC-0	FH ZL1223 - RMBS		09/01/2023	Paydown		3,043	3,043	3,143	3,162		(119)		(119)		3,043				91	04/01/2041	1.A
..3131XG-LD-8	FH ZL1224 - RMBS		09/01/2023	Paydown		5,245	5,245	5,411	5,415		(170)		(170)		5,245				157	04/01/2041	1.A
..3131XH-BQ-8	FH ZL1847 - RMBS		09/01/2023	Paydown		2,246	2,246	2,328	2,343		(97)		(97)		2,246				60	08/01/2041	1.A
..3131XH-SL-1	FH ZL2323 - RMBS		09/01/2023	Paydown		14,294	14,294	14,876	15,048		(754)		(754)		14,294				380	11/01/2041	1.A
..3131XJ-4V-1	FH ZL3536 - RMBS		09/01/2023	Paydown		5,992	5,992	6,384	6,431		(439)		(439)		5,992				89	08/01/2042	1.A
..31329H-5X-5	FH ZA0862 - RMBS		09/01/2023	Paydown		726	726	753	747		(21)		(21)		726				32	11/01/2032	1.A
..3132A1-BY-9	FH ZS0955 - RMBS		09/01/2023	Paydown		2,385	2,385	2,353	2,356		29		29		2,385				94	10/01/2035	1.A
..3132A1-VU-5	FH ZS1527 - RMBS		09/01/2023	Paydown		1,785	1,785	1,824	1,822		(37)		(37)		1,785				77	06/01/2036	1.A
..3132A2-FV-9	FH ZS1980 - RMBS		09/01/2023	Paydown		541	541	574	571		(30)		(30)		541				23	09/01/2037	1.A
..3132A3-NM-6	FH ZS3105 - RMBS		09/01/2023	Paydown		11,428	11,428	11,252	11,252		175		175		11,428				300	02/01/2041	1.A
..3132A3-QD-5	FH ZS3152 - RMBS		09/01/2023	Paydown		10,851	10,851	10,894	10,899		(48)		(48)		10,851				289	03/01/2041	1.A
..3132A3-SL-5	FH ZS3223 - RMBS		09/01/2023	Paydown		14,917	14,917	15,411	15,478		(561)		(561)		14,917				406	02/01/2041	1.A
..3132A3-TF-7	FH ZS3250 - RMBS		09/01/2023	Paydown		13,523	13,523	13,560	13,560		(41)		(41)		13,523				360	06/01/2041	1.A
..3132A4-UQ-9	FH ZS4191 - RMBS		09/01/2023	Paydown		5,106	5,106	5,004	5,007		99		99		5,106				193	07/01/2035	1.A
..3132A4-UT-3	FH ZS4194 - RMBS		09/01/2023	Paydown		949	949	909	908		41		41		949				31	08/01/2035	1.A
..3132A7-ND-9	FH ZS6688 - RMBS		09/01/2023	Paydown		4,125	4,125	4,252	4,218		(93)		(93)		4,125				43	04/01/2028	1.A
..3132AC-YM-6	FH ZT0716 - RMBS		09/01/2023	Paydown		10,982	10,982	11,262	11,355		(373)		(373)		10,982				221	10/01/2033	1.A
..3132AD-LT-3	FH ZT1238 - RMBS		09/01/2023	Paydown		3,292	3,292	3,509	3,575		(283)		(283)		3,292				53	07/01/2042	1.A
..3132CW-ZR-8	FH SB0752 - RMBS		09/01/2023	Paydown		405,748	405,748	402,958	402,975		2,772		2,772		405,748				12,106	10/01/2037	1.A

STATEMENT AS OF SEPTEMBER 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 Ident- ification	2 Description	3 For- eign	4 Disposal Date	5 Name of Purchaser	6 Number of Shares of Stock	7 Consid- eration	8 Par Value	9 Actual Cost	10 Prior Year Book/ Adjusted Carrying Value	Change In Book/Adjusted Carrying Value					16 Book/ Adjusted Carrying Value at Disposal Date	17 Foreign Exchange Gain (Loss) on Disposal	18 Realized Gain (Loss) on Disposal	19 Total Gain (Loss) on Disposal	20 Bond Interest/ Stock Dividends Received During Year	21 Stated Con- tractual Maturity Date	22 NAIC Desig- nation, NAIC Desig- nation Modifier and SVO Admini- strative Symbol
										11 Unrealized Valuation Increase/ (Decrease)	12 Current Year's (Amor- tization)/ Accretion	13 Current Year's Other Than Temporary Impairment Recogn- ized	14 Total Change in Book/ Adjusted Carrying Value (11 + 12 - 13)	15 Total Foreign Exchange Change in Book /Adjusted Carrying Value							
..313205-3M-2	FH SB8004 - RMBS		09/01/2023	Paydown		45,567	45,567	45,923	46,122	(555)	(555)	(555)	(555)	45,567				729	07/01/2034	1.A	
..313205-3R-1	FH SB8008 - RMBS		09/01/2023	Paydown		17,885	17,885	18,022	18,093	(207)	(207)	(207)	(207)	17,885				301	08/01/2034	1.A	
..313205-3T-7	FH SB8010 - RMBS		09/01/2023	Paydown		10,047	10,047	10,129	10,159	(113)	(113)	(113)	(113)	10,047				167	10/01/2034	1.A	
..313205-3Y-6	FH SB8015 - RMBS		09/01/2023	Paydown		125,919	125,919	127,140	127,596	(1,677)	(1,677)	(1,677)	(1,677)	125,919				2,115	11/01/2034	1.A	
..313205-6J-6	FH SB8073 - RMBS		09/01/2023	Paydown		300,012	300,012	306,926	306,710	(6,698)	(6,698)	(6,698)	(6,698)	300,012				3,005	11/01/2035	1.A	
..313206-AT-7	FH SB8118 - RMBS		09/01/2023	Paydown		101,806	101,806	103,460	103,319	(1,513)	(1,513)	(1,513)	(1,513)	101,806				1,020	09/01/2036	1.A	
..313206-AX-8	FH SB8122 - RMBS		09/01/2023	Paydown		71,159	71,159	72,074	71,996	(837)	(837)	(837)	(837)	71,159				713	10/01/2036	1.A	
..313206-C3-2	FH SB8190 - RMBS		09/01/2023	Paydown		187,612	187,612	187,172	187,440	440	440	440	440	187,612				2,060	11/01/2037	1.A	
..313206-CV-0	FH SB8184 - RMBS		09/01/2023	Paydown		34,761	34,761	34,435	34,436	325	325	325	325	34,761				921	10/01/2037	1.A	
..313206-DK-3	FH SB8206 - RMBS		09/01/2023	Paydown		325,369	325,369	324,453	324,453	915	915	915	915	325,369				2,467	01/01/2038	1.A	
..31320V-3T-0	FH SD8010 - RMBS		09/01/2023	Paydown		4,773	4,773	4,841	4,904	(131)	(131)	(131)	(131)	4,773				96	09/01/2049	1.A	
..31320V-4E-2	FH SD8021 - RMBS		09/01/2023	Paydown		96,204	96,204	95,809	95,664	540	540	540	540	96,204				1,593	09/01/2049	1.A	
..31320V-4H-5	FH SD8024 - RMBS		09/01/2023	Paydown		118,720	118,720	121,094	123,192	(4,472)	(4,472)	(4,472)	(4,472)	118,720				2,388	11/01/2049	1.A	
..31320V-5K-7	FH SD8050 - RMBS		09/01/2023	Paydown		11,569	11,569	11,853	12,087	(518)	(518)	(518)	(518)	11,569				232	03/01/2050	1.A	
..31320V-5H-1	FH SD8061 - RMBS		09/01/2023	Paydown		218,306	218,306	227,183	230,535	(12,229)	(12,229)	(12,229)	(12,229)	218,306				3,252	05/01/2050	1.A	
..31320V-6C-4	FH SD8067 - RMBS		09/01/2023	Paydown		346,632	346,632	361,499	367,145	(20,513)	(20,513)	(20,513)	(20,513)	346,632				3,913	06/01/2050	1.A	
..31320V-6R-1	FH SD8080 - RMBS		09/01/2023	Paydown		132,547	132,547	136,637	137,161	(4,615)	(4,615)	(4,615)	(4,615)	132,547				1,772	06/01/2050	1.A	
..31320V-6U-4	FH SD8083 - RMBS		09/01/2023	Paydown		396,151	396,151	414,705	420,939	(24,788)	(24,788)	(24,788)	(24,788)	396,151				6,578	08/01/2050	1.A	
..31320V-7K-5	FH SD8098 - RMBS		09/01/2023	Paydown		344,237	344,237	355,546	355,974	(11,737)	(11,737)	(11,737)	(11,737)	344,237				4,340	10/01/2050	1.A	
..31320V-7L-3	FH SD8099 - RMBS		09/01/2023	Paydown		221,361	221,361	231,262	233,771	(12,410)	(12,410)	(12,410)	(12,410)	221,361				3,658	10/01/2050	1.A	
..31320V-AD-5	FH SD8104 - RMBS		09/01/2023	Paydown		682,624	682,624	687,731	687,458	(4,834)	(4,834)	(4,834)	(4,834)	682,624				5,081	11/01/2050	1.A	
..31320V-AH-6	FH SD8108 - RMBS		09/01/2023	Paydown		186,438	186,438	198,393	198,993	(11,955)	(11,955)	(11,955)	(11,955)	186,438				3,690	11/01/2050	1.A	
..31320V-AM-5	FH SD8112 - RMBS		09/01/2023	Paydown		244,709	244,709	246,276	246,180	(1,472)	(1,472)	(1,472)	(1,472)	244,709				2,270	12/01/2050	1.A	
..3132HQ-YS-5	FH Q14321 - RMBS		09/01/2023	Paydown		123,373	123,373	117,937	117,054	6,319	6,319	6,319	6,319	123,373				2,590	12/01/2042	1.A	
..3132WH-SN-1	FH Q44452 - RMBS		09/01/2023	Paydown		116,510	116,510	115,344	114,929	1,581	1,581	1,581	1,581	116,510				2,320	11/01/2046	1.A	
..3132WH-JU-0	FH Q43874 - RMBS		09/01/2023	Paydown		24,838	24,838	24,652	24,621	217	217	217	217	24,838				501	10/01/2046	1.A	
..31335A-3T-3	FH G60810 - RMBS		09/01/2023	Paydown		32,206	32,206	31,632	31,500	706	706	706	706	32,206				650	11/01/2046	1.A	
..3133AM-EP-7	FH QC2842 - RMBS		09/01/2023	Paydown		85,924	85,924	89,022	88,959	(3,034)	(3,034)	(3,034)	(3,034)	85,924				1,380	06/01/2051	1.A	
..3133BP-GN-2	FH QF2005 - RMBS		09/01/2023	Paydown		3,131	3,131	3,201	3,201	(70)	(70)	(70)	(70)	3,131				24	10/01/2052	1.A	
..3133KJ-6L-1	FH RA3575 - RMBS		09/01/2023	Paydown		113,797	113,797	116,024	116,107	(2,310)	(2,310)	(2,310)	(2,310)	113,797				1,464	09/01/2050	1.A	
..3133KK-7E-3	FH RA4493 - RMBS		09/01/2023	Paydown		393,063	393,063	406,958	406,165	(13,103)	(13,103)	(13,103)	(13,103)	393,063				4,733	02/01/2051	1.A	
..3133TG-KF-4	FHR 1628 KZ - CMO/RMBS		09/01/2023	Paydown		828	828	848	829	(1)	(1)	(1)	(1)	828				35	12/15/2023	1.A	
..3133TG-E9-6	FHR 2086 GB - CMO/RMBS		09/01/2023	Paydown		167	167	178	175	(8)	(8)	(8)	(8)	167				4	09/15/2028	1.A	
..31359L-AH-8	FNR 6949 PJ - CMO/RMBS		09/01/2023	Paydown		7,285	7,285	6,598	7,205	80	80	80	80	7,285				313	08/17/2024	1.A	
..3136A0-AZ-0	FNR 2011-69 GB - CMO/RMBS		09/01/2023	Paydown		72,791	72,791	71,881	72,314	477	477	477	477	72,791				1,953	07/25/2031	1.A	
..3136AF-3L-6	FNR 2013-86 GY - CMO/RMBS		09/01/2023	Paydown		318,952	318,952	287,655	307,387	11,564	11,564	11,564	11,564	318,952				6,331	08/25/2033	1.A	
..3136AF-KF-0	FNR 2013-78 GL - CMO/RMBS		09/01/2023	Paydown		248,275	248,275	227,172	241,707	6,568	6,568	6,568	6,568	248,275				4,968	07/25/2043	1.A	
..3136AG-WT-5	FNR 2013-107 AY - CMO/RMBS		09/01/2023	Paydown		676,060	676,060	610,805	653,585	22,476	22,476	22,476	22,476	676,060				13,390	10/25/2033	1.A	
..3136AG-YB-2	FNR 2013-102 GM - CMO/RMBS		09/01/2023	Paydown		159,381	159,381	147,303	155,846	3,534	3,534	3,534	3,534	159,381				3,277	10/25/2033	1.A	
..31371K-7L-9	FNR 254799 - RMBS		07/01/2023	Paydown		14	14	15	15	(1)	(1)	(1)	(1)	14				13	07/01/2023	1.A	
..31371L-A9-0	FN 254832 - RMBS		08/01/2023	Paydown		52	52	55	52					52				2	08/01/2023	1.A	
..31371L-JU-4	FN 255075 - RMBS		09/01/2023	Paydown		1,525	1,525	1,566	1,526	(1)	(1)	(1)	(1)	1,525				55	02/01/2024	1.A	
..31371L-K3-2	FN 255114 - RMBS		09/01/2023	Paydown		1,369	1,369	1,451	1,378	(9)	(9)	(9)	(9)	1,369				28	03/01/2024	1.A	
..31371L-ZR-3	FN 255552 - RMBS		09/01/2023	Paydown		122	122	128	125	(3)	(3)	(3)	(3)	122				5	11/01/2034	1.A	
..3137A1-RG-0	FHR 3722 CU - CMO/RMBS		09/01/2023	Paydown		164,789	164,789	154,084	163,047	1,742	1,742	1,742	1,742	164,789				3,839	09/15/2025	1.A	
..3137A4-FE-2	FHR 3779 LB - CMO/RMBS		09/01/2023	Paydown		125,673	125,673	118,614	123,176	2,497	2,497	2,497	2,497	125,673				3,355	12/15/2030	1.A	

STATEMENT AS OF SEPTEMBER 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
..313783-LP-1	FHR 4223 HB - CMO/RMBS		09/01/2023	Paydown		1,122,517	1,122,517	1,004,302	1,081,342		41,175		41,175		1,122,517				14,404	07/15/2033	1.A
..313760-CU-1	STACR 2014-DNA M3 - CMO/RMBS		09/25/2023	Paydown		2,396	2,396	2,667	2,466		(70)		(70)		2,396				113	10/25/2024	1.A
..313760-EH-5	STACR 2015-DNA1 M3 - CDO/CMO/RMBS		09/25/2023	Paydown		381,306	381,306	411,377	399,498		(18,192)		(18,192)		381,306				18,159	10/25/2027	1.A
..313760-HH-2	STACR 2016-DNA1 M3 - CDO/CMO/RMBS		09/25/2023	Paydown		62,888	62,888	73,215	68,046		(5,158)		(5,158)		62,888				4,231	07/25/2028	1.A
..313761-AA-5	FWLS 2015-SC01 1A - CMO/RMBS		09/01/2023	Paydown		2,394	2,394	2,434	2,423		(29)		(29)		2,394				36	05/25/2045	1.A
..31385H-QV-7	FN 545068 - RMBS		09/01/2023	Paydown		3,238	3,238	3,336	3,289		(51)		(51)		3,238				149	07/01/2031	1.A
..31385J-EL-8	FN 545639 - RMBS		09/01/2023	Paydown		3,226	3,226	3,323	3,281		(55)		(55)		3,226				145	04/01/2032	1.A
..31385N-RA-9	FN 547781 - RMBS		09/01/2023	Paydown		520	520	515	516		4		4		520				26	09/01/2030	1.A
..31386L-6V-9	FN 567084 - RMBS		07/25/2023	Paydown		5,678	5,678	5,764	5,704		(25)		(25)		5,678				248	12/01/2030	1.A
..31387D-4B-2	FN 581418 - RMBS		09/01/2023	Paydown		1,217	1,217	1,251	1,233		(16)		(16)		1,217				57	06/01/2031	1.A
..31387D-NE-5	FN 580989 - RMBS		09/01/2023	Paydown		220	220	225	224		(5)		(5)		220				11	05/01/2031	1.A
..31387X-MC-6	FN 597155 - RMBS		09/01/2023	Paydown		532	532	543	539		(8)		(8)		532				25	09/01/2031	1.A
..31387X-T7-0	FN 597374 - RMBS		09/01/2023	Paydown		989	989	1,019	1,004		(14)		(14)		989				46	09/01/2031	1.A
..31388K-CX-8	FN 606786 - RMBS		09/01/2023	Paydown		191	191	198	195		(4)		(4)		191				9	09/01/2031	1.A
..31388K-T7-7	FN 607274 - RMBS		09/01/2023	Paydown		1,142	1,142	1,177	1,165		(23)		(23)		1,142				53	11/01/2031	1.A
..31388W-ZE-9	FN 617341 - RMBS		09/01/2023	Paydown		1,580	1,580	1,634	1,615		(35)		(35)		1,580				75	12/01/2031	1.A
..31389G-ST-8	FN 625230 - RMBS		09/01/2023	Paydown		566	566	571	568		(2)		(2)		566				25	02/01/2032	1.A
..31389G-SV-3	FN 625232 - RMBS		09/01/2023	Paydown		618	618	636	632		(14)		(14)		618				29	02/01/2032	1.A
..31389K-5Q-0	FN 628255 - RMBS		09/01/2023	Paydown		2,683	2,683	2,750	2,720		(37)		(37)		2,683				125	02/01/2032	1.A
..31389K-SS-6	FN 628257 - RMBS		09/01/2023	Paydown		63,445	63,445	64,078	63,673		(228)		(228)		63,445				2,600	02/01/2032	1.A
..31389U-HE-2	FN 635729 - RMBS		09/01/2023	Paydown		43,087	43,087	44,298	43,725		(637)		(637)		43,087				2,037	03/01/2032	1.A
..31389U-MJ-5	FN 635861 - RMBS		09/01/2023	Paydown		2,102	2,102	2,126	2,112		(10)		(10)		2,102				91	03/01/2032	1.A
..31389V-R5-8	FN 636908 - RMBS		09/01/2023	Paydown		474	474	489	483		(9)		(9)		474				21	05/01/2032	1.A
..3138A2-BK-4	FN AH0941 - RMBS		09/01/2023	Paydown		57,949	57,949	57,334	57,329		621		621		57,949				1,579	12/01/2040	1.A
..3138A5-6C-1	FN AH4466 - RMBS		09/01/2023	Paydown		47,862	47,862	45,716	45,183		2,679		2,679		47,862				1,037	02/01/2041	1.A
..3138A5-FU-1	FN AH3778 - RMBS		09/01/2023	Paydown		126,250	126,250	119,661	119,740		6,510		6,510		126,250				2,945	01/01/2041	1.A
..3138AA-3C-3	FN AH8894 - RMBS		09/01/2023	Paydown		33,948	33,948	34,754	34,696		(748)		(748)		33,948				1,062	04/01/2041	1.A
..3138AB-MF-3	FN AH9357 - RMBS		09/01/2023	Paydown		7,819	7,819	8,149	8,258		(439)		(439)		7,819				214	04/01/2041	1.A
..3138AD-V4-4	FN AI0634 - RMBS		09/01/2023	Paydown		12,275	12,275	12,987	12,896		(621)		(621)		12,275				444	04/01/2041	1.A
..3138AM-VA-0	FN AI7808 - RMBS		09/01/2023	Paydown		7,703	7,703	8,117	8,203		(500)		(500)		7,703				230	07/01/2041	1.A
..3138AS-ZJ-4	FN AJ1644 - RMBS		09/01/2023	Paydown		3,694	3,694	3,850	3,883		(189)		(189)		3,694				70	11/01/2041	1.A
..3138EO-SD-2	FN AJ7715 - RMBS		09/01/2023	Paydown		68,970	68,970	72,165	70,705		(1,735)		(1,735)		68,970				1,374	12/01/2026	1.A
..3138EG-NN-0	FN AL0396 - RMBS		09/01/2023	Paydown		525	525	574	564		(39)		(39)		525				19	12/01/2035	1.A
..3138EK-G7-4	FN AL2921 - RMBS		09/01/2023	Paydown		4,922	4,922	4,970	4,973		(51)		(51)		4,922				84	08/01/2042	1.A
..3138EL-AF-0	FN AL3605 - RMBS		09/01/2023	Paydown		11,795	11,795	11,904	11,906		(111)		(111)		11,795				279	05/01/2043	1.A
..3138EN-3F-4	FN AL6197 - RMBS		09/01/2023	Paydown		185,390	185,390	188,590	188,035		(2,645)		(2,645)		185,390				3,748	01/01/2030	1.A
..3138EQ-LN-0	FN AL7532 - RMBS		09/01/2023	Paydown		102,969	102,969	108,015	106,007		(3,038)		(3,038)		102,969				2,056	11/01/2027	1.A
..3138ER-5V-8	FN AL9859 - RMBS		09/01/2023	Paydown		265,698	265,698	256,524	253,081		12,617		12,617		265,698				3,342	03/01/2047	1.A
..3138ER-MM-7	FN AL9372 - RMBS		09/01/2023	Paydown		112,196	112,196	111,851	111,877		320		320		112,196				1,869	11/01/2031	1.A
..3138ET-4G-8	FN AL8922 - RMBS		09/01/2023	Paydown		10,567	10,567	11,097	10,937		(369)		(369)		10,567				210	05/01/2030	1.A
..3138MB-J6-1	FN AP4784 - RMBS		09/01/2023	Paydown		147,751	147,751	141,552	140,222		7,530		7,530		147,751				2,972	09/01/2042	1.A
..3138MJ-GJ-3	FN AQ2896 - RMBS		09/01/2023	Paydown		158,164	158,164	152,875	152,301		5,863		5,863		158,164				3,160	12/01/2042	1.A
..3138W6-GB-6	FN AR8293 - RMBS		09/01/2023	Paydown		145,117	145,117	139,937	138,842		6,275		6,275		145,117				2,896	05/01/2043	1.A
..3138W7-F6-6	FN AR9188 - RMBS		09/01/2023	Paydown		39,357	39,357	36,110	35,752		3,605		3,605		39,357				672	03/01/2043	1.A
..3138W7-GB-4	FN AR9193 - RMBS		09/01/2023	Paydown		188,258	188,258	188,493	188,475		(217)		(217)		188,258				3,658	03/01/2043	1.A
..3138W9-VQ-0	FN AS0622 - RMBS		09/01/2023	Paydown		7,930	7,930	8,188	8,065		(135)		(135)		7,930				100	10/01/2028	1.A

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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
..31381J-RD-2	FN AS8583 - RMBS		09/01/2023	Paydown		10,738	10,738	10,911	10,997		(259)		(259)		10,738				249	01/01/2047	1.A
..31381M-FC-0	FN AT0162 - RMBS		09/01/2023	Paydown		97,944	97,944	89,848	89,210		8,733		8,733		97,944				1,693	03/01/2043	1.A
..31381P-A2-0	FN AT1824 - RMBS		09/01/2023	Paydown		2,533	2,533	2,499	2,489		.44		.44		2,533				18	05/01/2043	1.A
..31381P-GY-4	FN AT2014 - RMBS		09/01/2023	Paydown		142,150	142,150	134,955	133,265		8,885		8,885		142,150				2,747	04/01/2043	1.A
..31381Q-AX-0	FN AT2721 - RMBS		09/01/2023	Paydown		135,332	135,332	133,175	132,992		2,340		2,340		135,332				2,670	05/01/2043	1.A
..31381Q-QS-4	FN AT3164 - RMBS		09/01/2023	Paydown		116,604	116,604	114,053	113,755		2,848		2,848		116,604				2,275	04/01/2043	1.A
..31381Q-RY-0	FN AT3202 - RMBS		09/01/2023	Paydown		3,003	3,003	2,993	2,993		.10		.10		3,003				.71	05/01/2042	1.A
..31381V-PE-5	FN AT7620 - RMBS		09/01/2023	Paydown		113,763	113,763	110,012	109,589		4,174		4,174		113,763				2,277	06/01/2043	1.A
..3138X0-ZW-1	FN AU1656 - RMBS		09/01/2023	Paydown		4,320	4,320	4,320	4,319		.1		.1		4,320				.44	07/01/2028	1.A
..3138XC-F3-1	FN AV1085 - RMBS		09/01/2023	Paydown		1,773	1,773	1,870	1,890		(117)		(117)		1,773				.47	09/01/2043	1.A
..3138XV-L4-0	FN AW5746 - RMBS		09/01/2023	Paydown		389	389	.414	.418		(29)		(29)		389				.7	08/01/2044	1.A
..3138YJ-US-3	FN AY5092 - RMBS		09/01/2023	Paydown		698	698	.726	.774		(76)		(76)		698				.10	07/01/2045	1.A
..3138YU-H7-9	FN AZ2953 - RMBS		09/01/2023	Paydown		14,371	14,371	14,689	14,638		(268)		(268)		14,371				290	09/01/2030	1.A
..31390C-CS-3	FN 641881 - RMBS		09/01/2023	Paydown		3,133	3,133	3,192	3,159		(26)		(26)		3,133				146	04/01/2032	1.A
..31390G-2T-3	FN 646186 - RMBS		09/01/2023	Paydown		2,390	2,390	2,426	2,410		(19)		(19)		2,390				104	07/01/2032	1.A
..31390G-ZL-4	FN 646147 - RMBS		09/01/2023	Paydown		570	570	.586	.579		(9)		(9)		570				26	06/01/2032	1.A
..31390Q-G8-2	FN 652823 - RMBS		09/01/2023	Paydown		330	330	.343	.339		(9)		(9)		330				14	09/01/2032	1.A
..31390Q-G9-0	FN 652824 - RMBS		09/01/2023	Paydown		274	274	.282	.278		(4)		(4)		274				11	09/01/2032	1.A
..31390R-E8-2	FN 653659 - RMBS		09/01/2023	Paydown		103	103	.107	.106		(3)		(3)		103				4	08/01/2032	1.A
..31390R-EE-9	FN 653633 - RMBS		09/01/2023	Paydown		8,913	8,913	9,316	9,145		(232)		(232)		8,913				366	07/01/2032	1.A
..31390T-KA-6	FN 655589 - RMBS		09/01/2023	Paydown		6,049	6,049	6,292	6,182		(133)		(133)		6,049				262	08/01/2032	1.A
..31390T-UC-1	FN 655879 - RMBS		09/01/2023	Paydown		1,080	1,080	1,116	1,097		(17)		(17)		1,080				.47	09/01/2032	1.A
..31390Y-GB-8	FN 659994 - RMBS		09/01/2023	Paydown		13,009	13,009	13,244	13,146		(136)		(136)		13,009				563	09/01/2032	1.A
..31391E-EQ-0	FN 664443 - RMBS		09/01/2023	Paydown		4,348	4,348	4,472	4,418		(70)		(70)		4,348				171	10/01/2032	1.A
..31391E-SK-8	FN 664822 - RMBS		09/01/2023	Paydown		17,434	17,434	17,916	17,646		(213)		(213)		17,434				698	10/01/2032	1.A
..31391G-3M-6	FN 666904 - RMBS		09/01/2023	Paydown		16,327	16,327	16,793	16,569		(242)		(242)		16,327				652	11/01/2032	1.A
..31391G-JD-9	FN 666360 - RMBS		09/01/2023	Paydown		19,465	19,465	20,132	19,828		(362)		(362)		19,465				841	10/01/2032	1.A
..31391K-H5-9	FN 669052 - RMBS		09/01/2023	Paydown		5,865	5,865	6,060	5,995		(130)		(130)		5,865				234	10/01/2032	1.A
..31391N-DU-2	FN 671615 - RMBS		09/01/2023	Paydown		28,578	28,578	29,573	29,128		(550)		(550)		28,578				1,250	11/01/2032	1.A
..31394D-QL-7	FNR 2005-40 ZM - CMO/RMBS		09/01/2023	Paydown		6,134	6,134	6,082	6,092		.43		.43		6,134				205	05/25/2035	1.A
..31395R-EZ-7	FHR 2959 DY - CMO/RMBS		09/01/2023	Paydown		31,671	31,671	32,047	31,645		.26		.26		31,671				1,172	04/15/2025	1.A
..31397S-X2-5	FNR 2011-37 HJ - CMO/RMBS		09/01/2023	Paydown		263,158	263,158	231,867	257,661		5,496		5,496		263,158				5,260	05/25/2026	1.A
..31397U-U7-2	FNR 2011-66 BY - CMO/RMBS		09/01/2023	Paydown		208,268	208,268	196,553	206,010		2,258		2,258		208,268				4,821	07/25/2026	1.A
..31397U-VT-3	FNR 2011-59 CB - CMO/RMBS		09/01/2023	Paydown		158,147	158,147	155,232	157,373		774		774		158,147				3,685	07/25/2026	1.A
..31397U-YH-7	FNR 2011-61 EB - CMO/RMBS		09/01/2023	Paydown		213,276	213,276	195,531	210,036		3,240		3,240		213,276				4,282	07/25/2026	1.A
..31398E-QZ-0	FHR 3552 KB - CMO/RMBS		09/01/2023	Paydown		70,954	70,954	66,963	70,482		472		472		70,954				1,887	07/15/2024	1.A
..31398F-HT-1	FNR 2009-80 GL - CMO/RMBS		09/01/2023	Paydown		32,558	32,558	31,225	32,312		246		246		32,558				871	10/25/2024	1.A
..31398J-G4-9	FHR 3563 B - CMO/RMBS		09/01/2023	Paydown		40,399	40,399	38,063	40,108		291		291		40,399				1,076	08/15/2024	1.A
..31398J-KR-3	FHR 3561 B - CMO/RMBS		09/01/2023	Paydown		176,569	176,569	160,043	171,189		5,379		5,379		176,569				4,812	08/15/2029	1.A
..31398S-G7-2	FNR 2010-135 DB - CMO/RMBS		09/01/2023	Paydown		373,610	373,610	340,686	368,003		5,607		5,607		373,610				8,723	12/25/2025	1.A
..31398V-FS-0	FHR 3640 AD - CMO/RMBS		09/01/2023	Paydown		14,586	14,586	14,012	14,505		.82		.82		14,586				385	03/15/2025	1.A
..31400D-RG-9	FN 684587 - RMBS		09/01/2023	Paydown		3,058	3,058	3,197	3,183		(125)		(125)		3,058				122	03/01/2033	1.A
..31400E-NB-2	FN 685386 - RMBS		09/01/2023	Paydown		1,563	1,563	1,634	1,563		(47)		(47)		1,563				56	03/01/2033	1.A
..31400Q-SW-4	FN 694533 - RMBS		09/01/2023	Paydown		9,617	9,617	9,913	9,811		(194)		(194)		9,617				385	03/01/2033	1.A
..31400Q-XK-4	FN 694682 - RMBS		09/01/2023	Paydown		409	409	.447	.438		(29)		(29)		409				.9	04/01/2033	1.A
..31400T-GP-6	FN 696906 - RMBS		09/01/2023	Paydown		6,086	6,086	6,333	6,236		(150)		(150)		6,086				223	04/01/2033	1.A

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SCHEDULE D - PART 4

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

1 CUSIP Ident- ification	2 Description	3 For- eign	4 Disposal Date	5 Name of Purchaser	6 Number of Shares of Stock	7 Consid- eration	8 Par Value	9 Actual Cost	10 Prior Year Book/ Adjusted Carrying Value	Change In Book/Adjusted Carrying Value					16 Book/ Adjusted Carrying Value at Disposal Date	17 Foreign Exchange Gain (Loss) on Disposal	18 Realized Gain (Loss) on Disposal	19 Total Gain (Loss) on Disposal	20 Bond Interest/ Stock Dividends Received During Year	21 Stated Con- tractual Maturity Date	22 NAIC Desig- nation, NAIC Desig- nation Modifier and SVO Admini- strative Symbol
										11 Unrealized Valuation Increase/ (Decrease)	12 Current Year's (Amor- tization)/ Accretion	13 Current Year's Other Than Temporary Impairment Recogn- ized	14 Total Change in Book/ Adjusted Carrying Value (11 + 12 - 13)	15 Total Foreign Exchange Change in Book /Adjusted Carrying Value							
..31401C-EK-5	FN 704038 - RMBS		09/01/2023	Paydown		262	262	262	262						262			10	05/01/2033	1.A	
..31401V-6P-1	FN 720078 - RMBS		09/01/2023	Paydown		7,691	7,691	7,628	7,637		53		53		7,691			282	07/01/2033	1.A	
..31402C-4C-3	FN 725419 - RMBS		09/01/2023	Paydown		8,512	8,512	8,524	8,517		(4)		(4)		8,512			251	10/01/2033	1.A	
..31402C-4H-2	FN 725424 - RMBS		09/01/2023	Paydown		748	748	821	804		(56)		(56)		748			27	04/01/2034	1.A	
..31402C-P3-0	FN 725042 - RMBS		09/01/2023	Paydown		779	779	774	774		5		5		779			28	01/01/2034	1.A	
..31402C-U7-5	FN 725206 - RMBS		09/01/2023	Paydown		317	317	315	315		2		2		317			28	01/01/2034	1.A	
..31402C-VN-9	FN 725221 - RMBS		09/01/2023	Paydown		469	469	506	497		(28)		(28)		469			17	01/01/2034	1.A	
..31402D-F3-9	FN 725686 - RMBS		09/01/2023	Paydown		429	429	435	434		(4)		(4)		429			19	07/01/2034	1.A	
..31402D-MIP-2	FN 725866 - RMBS		09/01/2023	Paydown		28,215	28,215	25,525	25,878		2,337		2,337		28,215			857	09/01/2034	1.A	
..31402J-3V-7	FN 730812 - RMBS		09/01/2023	Paydown		23,287	23,287	22,938	23,009		278		278		23,287			756	08/01/2033	1.A	
..31402L-DK-5	FN 731906 - RMBS		09/01/2023	Paydown		877	877	856	863		14		14		877			29	11/01/2033	1.A	
..31402Q-S9-3	FN 735044 - RMBS		09/01/2023	Paydown		664	664	675	673		(9)		(9)		664			24	10/01/2034	1.A	
..31402Q-VG-3	FN 735115 - RMBS		09/01/2023	Paydown		2,332	2,332	2,393	2,372		(40)		(40)		2,332			92	12/01/2034	1.A	
..31402Q-Y3-9	FN 735230 - RMBS		09/01/2023	Paydown		1,261	1,261	1,380	1,357		(95)		(95)		1,261			47	02/01/2035	1.A	
..31402Q-YV-7	FN 735224 - RMBS		09/01/2023	Paydown		27,300	27,300	26,268	26,438		863		863		27,300			995	02/01/2035	1.A	
..31402R-JV-2	FN 735676 - RMBS		09/01/2023	Paydown		5,948	5,948	6,350	6,281		(334)		(334)		5,948			197	07/01/2035	1.A	
..31402R-N6-2	FN 735813 - RMBS		09/01/2023	Paydown		108	108	107	75		(4)		(4)		108			1	07/01/2035	1.A	
..31402R-UH-7	FN 735997 - RMBS		09/01/2023	Paydown		3,005	3,005	3,012	3,010		(5)		(5)		3,005			108	11/01/2035	1.A	
..31402Y-GR-9	FN 741908 - RMBS		09/01/2023	Paydown		2,877	2,877	2,819	2,831		46		46		2,877			96	11/01/2035	1.A	
..31403C-6L-0	FN 745275 - RMBS		09/01/2023	Paydown		3,366	3,366	3,432	3,423		(57)		(57)		3,366			111	02/01/2036	1.A	
..31403D-BY-4	FN 745355 - RMBS		09/01/2023	Paydown		534	534	524	525		9		9		534			18	03/01/2036	1.A	
..31403D-PP-8	FN 745730 - RMBS		09/01/2023	Paydown		1,019	1,019	1,115	1,094		(75)		(75)		1,019			38	03/01/2035	1.A	
..31403J-CR-5	FN 749880 - RMBS		09/01/2023	Paydown		5,808	5,808	6,077	5,965		(157)		(157)		5,808			194	10/01/2033	1.A	
..31403L-UP-6	FN 751290 - RMBS		09/01/2023	Paydown		5,289	5,289	5,359	5,340		(51)		(51)		5,289			212	03/01/2034	1.A	
..31403M-UP-2	FN 753090 - RMBS		09/01/2023	Paydown		777	777	804	792		(15)		(15)		777			31	12/01/2035	1.A	
..31403R-PR-3	FN 755632 - RMBS		09/01/2023	Paydown		318	318	313	314		4		4		318			11	04/01/2034	1.A	
..31403R-RX-8	FN 755702 - RMBS		09/01/2023	Paydown		7	7	7	7						7				03/01/2034	1.A	
..31403V-4Q-9	FN 759631 - RMBS		09/01/2023	Paydown		13,044	13,044	13,095	13,062		(18)		(18)		13,044			530	02/01/2034	1.A	
..31404L-TJ-9	FN 771953 - RMBS		09/01/2023	Paydown		662	662	688	681		(19)		(19)		662			29	02/01/2034	1.A	
..31404N-FX-9	FN 773382 - RMBS		09/01/2023	Paydown		169	169	171	170		(1)		(1)		169			6	04/01/2034	1.A	
..31404N-NS-1	FN 773601 - RMBS		09/01/2023	Paydown		166	166	172	171		(5)		(5)		166			7	08/01/2035	1.A	
..31404Q-QN-4	FN 774561 - RMBS		09/01/2023	Paydown		20	20	20	20						20			1	04/01/2034	1.A	
..31404Q-WU-9	FN 775659 - RMBS		09/01/2023	Paydown		211	211	211	211						211			8	05/01/2034	1.A	
..31404R-VN-1	FN 776617 - RMBS		09/01/2023	Paydown		274	274	277	276		(2)		(2)		274			10	04/01/2034	1.A	
..31404T-ET-6	FN 777846 - RMBS		09/01/2023	Paydown		90	90	90	90						90			3	05/01/2034	1.A	
..31404U-JU-5	FN 778875 - RMBS		09/01/2023	Paydown		5,046	5,046	5,119	5,084		(38)		(38)		5,046			202	06/01/2034	1.A	
..31405H-J6-6	FN 789685 - RMBS		09/01/2023	Paydown		664	664	693	683		(19)		(19)		664			29	07/01/2034	1.A	
..31405J-KZ-6	FN 790612 - RMBS		09/01/2023	Paydown		107	107	112	114		(7)		(7)		107			5	09/01/2034	1.A	
..31405J-UE-2	FN 790881 - RMBS		09/01/2023	Paydown		1,219	1,219	1,239	1,234		(15)		(15)		1,219			45	09/01/2034	1.A	
..31405R-7F-7	FN 797494 - RMBS		09/01/2023	Paydown		5,307	5,307	5,391	5,404		(97)		(97)		5,307			159	03/01/2035	1.A	
..31405S-EQ-3	FN 797643 - RMBS		09/01/2023	Paydown		496	496	492	493		4		4		496			16	08/01/2035	1.A	
..31406B-ZG-8	FN 805443 - RMBS		09/01/2023	Paydown		1,498	1,498	1,549	1,530		(32)		(32)		1,498			60	11/01/2034	1.A	
..31406E-2J-2	FN 808177 - RMBS		09/01/2023	Paydown		15,592	15,592	15,548	15,545		47		47		15,592			568	03/01/2035	1.A	
..31406F-AR-2	FN 808316 - RMBS		09/01/2023	Paydown		23,373	23,373	24,435	24,236		(863)		(863)		23,373			761	01/01/2035	1.A	
..31406F-UK-3	FN 808950 - RMBS		09/01/2023	Paydown		399	399	400	399						399			15	01/01/2035	1.A	
..31406G-YX-1	FN 809926 - RMBS		09/01/2023	Paydown		2,311	2,311	2,353	2,345		(33)		(33)		2,311			78	02/01/2035	1.A	

STATEMENT AS OF SEPTEMBER 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
..31406K-RC-6	FN 812383 - RMBS		09/01/2023	Paydown		573	574	581	577		(4)		(4)		573				21	05/01/2035	1.A
..31406P-C3-1	FN 815590 - RMBS		09/01/2023	Paydown		231	231	238	237		(5)		(5)		231				9	04/01/2035	1.A
..31406P-HS-1	FN 815741 - RMBS		09/01/2023	Paydown		2,865	2,865	2,906	2,891		(26)		(26)		2,865				106	02/01/2035	1.A
..31406U-HG-6	FN 820231 - RMBS		09/01/2023	Paydown		370	370	379	376		(5)		(5)		370				15	06/01/2035	1.A
..31407D-SV-8	FN 827732 - RMBS		09/01/2023	Paydown		333	333	351	347		(14)		(14)		333				12	06/01/2035	1.A
..31407Y-7F-2	FN 844294 - RMBS		09/01/2023	Paydown		205	205	212	210		(5)		(5)		205				8	11/01/2035	1.A
..31408E-G5-5	FN 849020 - RMBS		09/01/2023	Paydown		2,911	2,911	3,194	3,133		(222)		(222)		2,911				107	01/01/2036	1.A
..31409U-FA-8	FN 878661 - RMBS		09/01/2023	Paydown		145	145	139	140		5		5		145				5	02/01/2036	1.A
..3140E4-Q5-9	FN 8A0475 - RMBS		09/01/2023	Paydown		1,622	1,622	1,728	1,744		(122)		(122)		1,622				43	08/01/2045	1.A
..3140F1-YF-3	FN B06109 - RMBS		09/01/2023	Paydown		3,513	3,513	3,461	3,460		52		52		3,513				82	06/01/2046	1.A
..3140J8-RT-2	FN B14097 - RMBS		09/01/2023	Paydown		5,352	5,352	5,605	5,618		(266)		(266)		5,352				161	07/01/2047	1.A
..3140J9-SN-2	FN B15024 - RMBS		09/01/2023	Paydown		86,459	86,459	87,202	87,733		(1,275)		(1,275)		86,459				1,724	11/01/2048	1.A
..3140K1-4D-5	FN B06219 - RMBS		09/01/2023	Paydown		201,830	201,830	212,457	218,451		(16,621)		(16,621)		201,830				4,038	12/01/2049	1.A
..3140K0-KX-7	FN B15709 - RMBS		09/01/2023	Paydown		391,187	391,187	405,749	409,172		(17,985)		(17,985)		391,187				6,677	05/01/2050	1.A
..3140LY-P6-4	FN B19444 - RMBS		09/01/2023	Paydown		255,125	255,125	257,278	257,128		(2,002)		(2,002)		255,125				3,397	11/01/2036	1.A
..3140O7-FX-0	FN CA0181 - RMBS		09/01/2023	Paydown		13,656	13,656	13,790	13,859		(202)		(202)		13,656				341	08/01/2047	1.A
..3140OD-XC-3	FN CA6074 - RMBS		09/01/2023	Paydown		65,109	65,109	68,263	69,601		(4,492)		(4,492)		65,109				1,077	06/01/2050	1.A
..3140OG-D4-6	FN CA8222 - RMBS		09/01/2023	Paydown		418,393	418,393	421,073	420,926		(2,534)		(2,534)		418,393				3,334	12/01/2050	1.A
..3140OG-MJ-3	FN CA8460 - RMBS		09/01/2023	Paydown		37,154	37,154	38,617	38,788		(1,634)		(1,634)		37,154				629	01/01/2051	1.A
..3140ON-B5-0	FN CB2759 - RMBS		09/01/2023	Paydown		603,008	603,008	617,612	617,220		(14,212)		(14,212)		603,008				11,822	02/01/2052	1.A
..3140X6-VF-5	FN FM3313 - RMBS		09/01/2023	Paydown		86,061	86,061	89,046	89,464		(3,403)		(3,403)		86,061				1,145	08/01/2035	1.A
..3140X8-RQ-2	FN FM4994 - RMBS		09/01/2023	Paydown		128,908	128,908	133,908	133,776		(4,868)		(4,868)		1,245				1,245	12/01/2050	1.A
..3140X9-C7-8	FN FM5493 - RMBS		09/01/2023	Paydown		123,200	123,200	128,994	128,999		(5,799)		(5,799)		123,200				1,690	02/01/2036	1.A
..3140XA-BG-6	FN FM6338 - RMBS		09/01/2023	Paydown		36,228	36,228	36,279	36,285		(56)		(56)		36,228				479	02/01/2051	1.A
..3140XB-KY-5	FN FM7510 - RMBS		09/01/2023	Paydown		387,341	387,341	402,411	403,374		(16,033)		(16,033)		387,341				7,847	06/01/2051	1.A
..3140XC-NV-6	FN FM8503 - RMBS		09/01/2023	Paydown		178,439	178,439	185,487	185,594		(7,155)		(7,155)		178,439				2,971	04/01/2036	1.A
..3140XD-QA-7	FN FM9448 - RMBS		09/01/2023	Paydown		145,649	145,649	146,280	146,245		(596)		(596)		145,649				1,858	10/01/2051	1.A
..3140XH-X9-3	FN FS2503 - RMBS		09/01/2023	Paydown		36,423	36,423	35,490	35,503		920		920		36,423				863	07/01/2038	1.A
..3140XH-YD-3	FN FS2507 - RMBS		09/01/2023	Paydown		63,305	63,305	63,978	63,986		(680)		(680)		63,305				1,450	12/01/2035	1.A
..3140XJ-3A-9	FN FS3492 - RMBS		09/01/2023	Paydown		54,040	54,040	53,347	53,347		692		692		54,040				377	01/01/2038	1.A
..3140XJ-HE-6	FN FS2928 - RMBS		09/01/2023	Paydown		50,446	50,446	48,618	48,646		1,800		1,800		50,446				1,358	09/01/2037	1.A
..3140XK-FV-7	FN FS3779 - RMBS		09/01/2023	Paydown		75,510	75,510	76,631	76,631		(1,121)		(1,121)		75,510				1,181	11/01/2037	1.A
..3140IG-BE-2	FN 888437 - RMBS		09/01/2023	Paydown		513	513	530	528		(14)		(14)		513				19	11/01/2036	1.A
..31410G-EK-5	FN 888538 - RMBS		09/01/2023	Paydown		2,091	2,091	2,166	2,155		(64)		(64)		2,091				78	01/01/2037	1.A
..31410G-LM-1	FN 888997 - RMBS		09/01/2023	Paydown		1,559	1,559	1,579	1,573		(14)		(14)		1,559				57	08/01/2035	1.A
..31410N-RR-1	FN 892496 - RMBS		09/01/2023	Paydown		450	450	448	448		2		2		450				18	08/01/2036	1.A
..31410Q-NQ-0	FN 894199 - RMBS		09/01/2023	Paydown		182	182	189	188		(6)		(6)		182				8	10/01/2036	1.A
..31411D-QK-8	FN 905058 - RMBS		09/01/2023	Paydown		765	765	772	771		(5)		(5)		765				31	11/01/2036	1.A
..31411H-N8-9	FN 908615 - RMBS		09/01/2023	Paydown		2,093	2,093	2,006	2,032		60		60		2,093				77	02/01/2037	1.A
..31412J-BV-6	FN 926252 - RMBS		09/01/2023	Paydown		6,769	6,769	6,899	6,886		(117)		(117)		6,769				203	12/01/2035	1.A
..31412L-AA-2	FN 928027 - RMBS		09/01/2023	Paydown		3,036	3,036	3,277	3,196		(160)		(160)		3,036				121	01/01/2037	1.A
..31412N-7J-9	FN 930697 - RMBS		09/01/2023	Paydown		15,734	15,734	15,407	15,395		339		339		15,734				488	01/01/2035	1.A
..31412N-FD-3	FN 929964 - RMBS		09/01/2023	Paydown		309	309	328	324		(15)		(15)		309				12	09/01/2038	1.A
..31412N-JA-5	FN 930057 - RMBS		09/01/2023	Paydown		3,166	3,166	3,166	3,166						3,166				131	10/01/2038	1.A
..31412P-SV-9	FN 931560 - RMBS		09/01/2023	Paydown		11,171	11,171	11,182	11,172		(1)		(1)		11,171				336	05/01/2035	1.A
..31412Q-SU-4	FN 932131 - RMBS		09/01/2023	Paydown		2,321	2,321	2,363	2,360		(39)		(39)		2,321				70	11/01/2039	1.A

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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		09/01/2023	Paydown		189,998	189,998	193,442	193,624		(3,626)		(3,626)		189,998				4,994	11/01/2039	1.A
..31412Y-FA-7	FN 937661 - RMBS		09/01/2023	Paydown		1,439	1,439	1,479	1,471		(33)		(33)		1,439				53	06/01/2037	1.A
..31413J-PA-6	FN 946917 - RMBS		09/01/2023	Paydown		513	513	525	520		(7)		(7)		513				22	09/01/2037	1.A
..31413L-TE-9	FN 948849 - RMBS		09/01/2023	Paydown		382	382	406	407		(25)		(25)		382				15	08/01/2037	1.A
..31413Y-RW-3	FN 959601 - RMBS		09/01/2023	Paydown		286	286	293	293		(7)		(7)		286				13	11/01/2037	1.A
..31414Q-AB-3	FN 972602 - RMBS		09/01/2023	Paydown		6,117	6,117	6,255	6,232		(115)		(115)		6,117				204	04/01/2038	1.A
..31416B-2Z-0	FN 995492 - RMBS		09/01/2023	Paydown		39,207	39,207	40,570	40,361		(1,153)		(1,153)		39,207				1,310	12/01/2034	1.A
..31416B-L8-9	FN 995051 - RMBS		09/01/2023	Paydown		222	222	237	234		(12)		(12)		222				9	03/01/2037	1.A
..31416B-RY-6	FN 995203 - RMBS		09/01/2023	Paydown		1,024	1,024	1,069	1,061		(37)		(37)		1,024				34	07/01/2035	1.A
..31416L-SW-7	FN AA3232 - RMBS		09/01/2023	Paydown		163,303	163,303	160,700	160,634		2,668		2,668		163,303				4,541	04/01/2039	1.A
..31416R-FA-6	FN AA7360 - RMBS		09/01/2023	Paydown		9,563	9,563	9,579	9,579		(17)		(17)		9,563				287	01/01/2034	1.A
..31416R-M9-1	FN AA7583 - RMBS		09/01/2023	Paydown		1,018	1,018	1,069	1,067		(48)		(48)		1,018				31	06/01/2039	1.A
..31416S-KH-3	FN AA8395 - RMBS		09/01/2023	Paydown		6,592	6,592	6,863	6,840		(249)		(249)		6,592				220	06/01/2039	1.A
..31416X-E2-2	FN AB1952 - RMBS		09/01/2023	Paydown		4,376	4,376	4,386	4,386		(10)		(10)		4,376				117	12/01/2040	1.A
..31416X-JM-3	FN AB2067 - RMBS		09/01/2023	Paydown		108,071	108,071	102,515	101,924		6,146		6,146		108,071				2,408	01/01/2041	1.A
..31416X-SH-4	FN AB2319 - RMBS		09/01/2023	Paydown		107,692	107,692	100,911	101,180		6,513		6,513		107,692				2,720	02/01/2041	1.A
..31417A-CT-4	FN AB3681 - RMBS		09/01/2023	Paydown		87,096	87,096	89,531	89,773		(2,677)		(2,677)		87,096				2,016	10/01/2041	1.A
..31417A-JK-6	FN AB3965 - RMBS		09/01/2023	Paydown		13,024	13,024	13,325	13,351		(327)		(327)		13,024				305	11/01/2041	1.A
..31417D-W3-3	FN AB6965 - RMBS		09/01/2023	Paydown		12,699	12,699	12,533	12,533		95		95		12,699				53	11/01/2041	1.A
..31417E-SS-1	FN AB7728 - RMBS		09/01/2023	Paydown		128,835	128,835	123,510	123,006		5,829		5,829		128,835				2,133	01/01/2043	1.A
..31417G-EJ-1	FN AB9138 - RMBS		09/01/2023	Paydown		40,007	40,007	36,444	36,037		3,970		3,970		40,007				699	04/01/2043	1.A
..31417G-EQ-5	FN AB9142 - RMBS		09/01/2023	Paydown		84,643	84,643	82,044	81,415		3,228		3,228		84,643				1,606	04/01/2043	1.A
..31417J-EB-2	FN AC0129 - RMBS		09/01/2023	Paydown		610	610	624	614		(4)		(4)		610				16	12/01/2024	1.A
..31417J-SC-5	FN AC0514 - RMBS		09/01/2023	Paydown		875	875	891	895		(20)		(20)		875				26	07/01/2039	1.A
..31417M-OZ-9	FN AC3171 - RMBS		09/01/2023	Paydown		3,964	3,964	4,237	4,139		(175)		(175)		3,964				172	09/01/2039	1.A
..31417M-S8-7	FN AC3242 - RMBS		09/01/2023	Paydown		276,491	276,491	275,541	275,536		955		955		276,491				6,846	09/01/2039	1.A
..31417U-5Y-7	FN AC8062 - RMBS		09/01/2023	Paydown		33,814	33,814	34,427	34,255		(441)		(441)		33,814				1,015	12/01/2039	1.A
..31418A-S5-8	FN MA1439 - RMBS		09/01/2023	Paydown		16,142	16,142	14,810	14,656		1,486		1,486		16,142				269	05/01/2043	1.A
..31418A-VH-8	FN MA1515 - RMBS		09/01/2023	Paydown		44,830	44,830	42,532	41,118		3,712		3,712		44,830				921	08/01/2043	1.A
..31418C-SU-4	FN MA3558 - RMBS		09/01/2023	Paydown		169,144	169,144	172,490	173,698		(4,553)		(4,553)		169,144				3,446	01/01/2034	1.A
..31418C-FD-1	FN MA2863 - RMBS		09/01/2023	Paydown		229,375	229,375	221,665	218,824		10,552		10,552		229,375				4,579	09/01/2047	1.A
..31418C-FJ-8	FN MA2868 - RMBS		09/01/2023	Paydown		198,161	198,161	198,858	198,792		(630)		(630)		198,161				3,317	01/01/2032	1.A
..31418C-G6-5	FN MA2920 - RMBS		09/01/2023	Paydown		78,434	78,434	78,229	78,213		222		222		78,434				1,571	03/01/2047	1.A
..31418C-S6-0	FN MA3218 - RMBS		09/01/2023	Paydown		10,207	10,207	10,185	10,185		.21		.21		10,207				75	12/01/2032	1.A
..31418C-UH-5	FN MA3283 - RMBS		09/01/2023	Paydown		28,471	28,471	28,996	29,105		(634)		(634)		28,471				575	02/01/2033	1.A
..31418C-UJ-1	FN MA3284 - RMBS		09/01/2023	Paydown		130,459	130,459	130,128	130,120		338		338		130,459				3,096	02/01/2033	1.A
..31418C-V9-2	FN MA3339 - RMBS		09/01/2023	Paydown		11,107	11,107	11,096	11,097		10		10		11,107				81	04/01/2033	1.A
..31418C-W5-9	FN MA3356 - RMBS		09/01/2023	Paydown		36,662	36,662	36,656	36,714		(53)		(53)		36,662				855	05/01/2048	1.A
..31418C-XW-9	FN MA3392 - RMBS		09/01/2023	Paydown		39,787	39,787	40,024	40,108		(321)		(321)		39,787				937	06/01/2033	1.A
..31418D-5C-2	FN MA4442 - RMBS		09/01/2023	Paydown		109,795	109,795	113,488	113,230		(3,435)		(3,435)		109,795				1,464	10/01/2036	1.A
..31418D-C5-9	FN MA3691 - RMBS		09/01/2023	Paydown		128,349	128,349	128,920	129,659		(1,311)		(1,311)		128,349				2,498	07/01/2049	1.A
..31418D-C9-1	FN MA3695 - RMBS		09/01/2023	Paydown		14,553	14,553	14,838	14,965		(412)		(412)		14,553				290	07/01/2034	1.A
..31418D-C6-5	FN MA3670 - RMBS		09/01/2023	Paydown		12,504	12,504	12,422	12,365		139		139		12,504				255	05/01/2049	1.A
..31418D-ES-7	FN MA3744 - RMBS		09/01/2023	Paydown		80,612	80,612	81,371	82,200		(1,588)		(1,588)		80,612				1,617	07/01/2049	1.A
..31418D-GF-3	FN MA3797 - RMBS		09/01/2023	Paydown		193,778	193,778	194,811	195,304		(1,526)		(1,526)		193,778				3,206	10/01/2034	1.A
..31418D-Q5-4	FN MA4075 - RMBS		09/01/2023	Paydown		22,196	22,196	23,169	23,293		(1,097)		(1,097)		22,196				369	07/01/2035	1.A

STATEMENT AS OF SEPTEMBER 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
..31418D-QH-8	FN MA4055 - RMBS		09/01/2023	Paydown		350,606	350,606	365,284	371,131		(20,525)		(20,525)		350,606				4,244	06/01/2050	1.A
..31418D-RW-4	FN MA4100 - RMBS		09/01/2023	Paydown		586,729	586,729	605,064	607,444		(20,715)		(20,715)		586,729				7,684	08/01/2050	1.A
..31418D-SH-6	FN MA4119 - RMBS		09/01/2023	Paydown		912,947	912,947	945,138	947,607		(34,660)		(34,660)		912,947				11,826	09/01/2050	1.A
..31418D-SL-7	FN MA4122 - RMBS		09/01/2023	Paydown		38,686	38,686	39,768	39,768		(1,082)		(1,082)		38,686				384	09/01/2035	1.A
..31418D-TL-6	FN MA4154 - RMBS		09/01/2023	Paydown		740,761	740,761	757,719	756,828		(16,067)		(16,067)		740,761				7,378	10/01/2035	1.A
..31418D-TQ-5	FN MA4158 - RMBS		09/01/2023	Paydown		303,654	303,654	313,380	313,643		(9,989)		(9,989)		303,654				3,590	10/01/2050	1.A
..31418D-UC-4	FN MA4178 - RMBS		09/01/2023	Paydown		97,501	97,501	98,583	98,557		(1,056)		(1,056)		97,501				975	11/01/2035	1.A
..31418D-LF-7	FN MA4181 - RMBS		09/01/2023	Paydown		388,559	388,559	391,838	391,655		(3,096)		(3,096)		388,559				3,885	11/01/2050	1.A
..31418D-UG-5	FN MA4182 - RMBS		09/01/2023	Paydown		334,766	334,766	346,038	346,206		(11,441)		(11,441)		334,766				4,016	11/01/2050	1.A
..31418D-VA-7	FN MA4208 - RMBS		09/01/2023	Paydown		139,119	139,119	144,330	144,330		(5,259)		(5,259)		139,119				1,849	12/01/2050	1.A
..31418D-VB-5	FN MA4209 - RMBS		09/01/2023	Paydown		353,327	353,327	357,965	357,655		(4,328)		(4,328)		353,327				3,235	12/01/2050	1.A
..31418D-VII-9	FN MA4228 - RMBS		09/01/2023	Paydown		98,074	98,074	100,741	100,539		(2,465)		(2,465)		98,074				981	01/01/2036	1.A
..31418D-VR-9	FN MA4255 - RMBS		09/01/2023	Paydown		137,732	137,732	137,839	137,839		(108)		(108)		137,732				1,834	02/01/2051	1.A
..31418D-X9-8	FN MA4303 - RMBS		09/01/2023	Paydown		21,635	21,635	22,366	22,327		(693)		(693)		21,635				289	04/01/2036	1.A
..31418D-Y3-0	FN MA4329 - RMBS		09/01/2023	Paydown		13,755	13,755	14,192	14,165		(410)		(410)		13,755				183	05/01/2036	1.A
..31418D-YC-0	FN MA4306 - RMBS		09/01/2023	Paydown		472,754	472,754	489,301	490,429		(17,674)		(17,674)		472,754				7,848	04/01/2051	1.A
..31418D-Z3-9	FN MA4361 - RMBS		09/01/2023	Paydown		22,730	22,730	21,711	21,722		1,008		1,008		22,730				381	06/01/2036	1.A
..31418M-UN-0	FN AD0588 - RMBS		09/01/2023	Paydown		3,553	3,553	3,750	3,733		(180)		(180)		3,553				116	12/01/2039	1.A
..31418R-HJ-3	FN AD3832 - RMBS		09/01/2023	Paydown		869	869	902	902		(9)		(9)		869				16	04/01/2025	1.A
..31418W-PE-4	FN AD8520 - RMBS		09/01/2023	Paydown		5,051	5,051	4,997	4,993		57		57		5,051				135	08/01/2040	1.A
..35563P-2S-7	SCRT 2021-2 MTU - CMO/RMBS		09/02/2023	Paydown		273,829	273,829	289,262	289,238		(15,408)		(15,408)		273,829				4,022	11/25/2060	1.A
..35563P-2U-2	SCRT 2021-2 MBU - CMO/RMBS		09/02/2023	Paydown		13,053	13,053	13,201	13,185		(132)		(132)		13,053				217	11/25/2060	1.A
..35563P-5A-3	SCRT 2021-3 MBU - CMO/RMBS		09/02/2023	Paydown		62,239	62,239	63,182	63,112		(873)		(873)		62,239				1,034	03/25/2061	1.A
..35563P-5Y-1	SCRT 2021-3 TT - CMO/RMBS		09/01/2023	Paydown		50,371	50,371	51,414	51,415		(1,045)		(1,045)		50,371				420	03/25/2061	1.A
..35563P-CE-7	SCRT 2017-3 M1 - CMO/RMBS		08/01/2023	Paydown		82,738	83,089	82,963	82,963		(225)		(225)		82,738				1,828	07/25/2056	2.B FE
..35563P-CE-7	SCRT 2017-3 M1 - CMO/RMBS		09/01/2023	Paydown		26,287	26,287	26,436	26,247		40		40		26,287				707	07/25/2056	1.F FE
..35563P-E3-9	SCRT 2022-2 MA - CMO/RMBS		09/01/2023	Paydown		111,569	111,569	104,854	105,704		5,865		5,865		111,569				2,278	04/25/2062	1.A
..35563P-E4-7	SCRT 2022-2 MB - CMO/RMBS		09/02/2023	Paydown		6,440	5,735	4,519	4,536		1,904		1,904		6,440				128	04/25/2062	1.A
..35563P-HG-7	SCRT 2018-4 MB - CMO/RMBS		09/02/2023	Paydown		2,066	2,066	1,849	1,890		176		176		2,066				48	03/25/2058	1.A
..35563P-MM-8	SCRT 2019-4 MB - CMO/RMBS		09/02/2023	Paydown		83,954	82,409	73,040	73,314		10,640		10,640		83,954				1,837	02/25/2059	1.A
..35563P-SD-2	SCRT 2020-3 MB - CMO/RMBS		09/02/2023	Paydown		5,282	5,282	5,363	5,342		(60)		(60)		5,282				70	05/25/2060	1.A
..35563P-VB-2	SCRT 2021-1 MBU - CMO/RMBS		09/02/2023	Paydown		13,097	13,097	12,911	12,927		170		170		13,097				218	09/27/2060	1.A
..485116-VK-0	KANSAS CITY MO WTR REV		07/13/2023	PIPER SANDLER		6,297,119	6,305,000	6,465,588	6,323,018		(10,456)		(10,456)		6,312,562			(15,443)	156,659	12/01/2038	1.C FE
..544552-WJ-7	LOS ANGELES CALIF HBR DEPT REV		07/24/2023	BANC OF AMERICA		9,410,041	9,345,000	10,535,086	9,566,419		(77,930)		(77,930)		9,488,490			(78,448)	460,760	08/01/2044	1.C FE
..56045T-AK-1	MAINE MUN BD BK LIQUOR OPERATION REV		07/01/2023	Call @ 100.00		37,562													37,562	06/01/2024	1.E FE
..576000-RC-9	MASSACHUSETTS ST SCH BLDG AUTH		07/20/2023	CITIGROUP GLOBAL		2,993,503	2,995,000	3,035,642	3,004,931		(2,665)		(2,665)		3,002,267			(8,764)	122,795	01/15/2037	1.B FE
..60416Q-FT-6	MINNESOTA ST HSG FIN AGY		09/01/2023	Paydown		6,678	6,678	6,745	6,681		(3)		(3)		6,678				116	09/01/2042	1.A FE
..60416Q-FY-5	MINNESOTA ST HSG FIN AGY		09/01/2023	Paydown		35,039	35,039	35,039	35,039						35,039				699	07/01/2044	1.A FE
..60416Q-GC-2	MINNESOTA ST HSG FIN AGY		09/01/2023	Paydown		25,001	25,000	25,000	25,000						25,001				471	02/01/2045	1.A FE
..60416Q-GD-0	MINNESOTA ST HSG FIN AGY		09/01/2023	Paydown		55,393	55,393	55,393	55,393						55,393				1,128	04/01/2045	1.A FE
..60416Q-GE-8	MINNESOTA ST HSG FIN AGY		09/01/2023	Paydown		56,073	56,073	56,073	56,073						56,073				1,116	06/01/2045	1.A FE
..60416Q-GG-3	MINNESOTA ST HSG FIN AGY		09/01/2023	Paydown		23,934	23,934	23,934	23,934						23,934				499	02/01/2046	1.A FE
..60416Q-GX-6	MINNESOTA ST HSG FIN AGY		09/01/2023	Paydown		52,401	52,401	52,416	52,401		(16)		(16)		52,401				1,065	10/01/2047	1.A FE
..60416Q-GZ-1	MINNESOTA ST HSG FIN AGY		09/01/2023	Paydown		67,606	67,606	67,610	67,610		(4)		(4)		67,606				1,426	12/01/2047	1.A FE
..60416Q-HA-5	MINNESOTA ST HSG FIN AGY		09/01/2023	Paydown		26,033	26,033	26,033	26,033						26,033				561	03/01/2048	1.A FE
..60416Q-HC-1	MINNESOTA ST HSG FIN AGY		09/01/2023	Paydown		19,805	19,805	19,821	19,820		(15)		(15)		19,805				436	05/01/2048	1.A FE

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STATEMENT AS OF SEPTEMBER 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								NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
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	
..60416Q-HL-1	MINNESOTA ST HSG FIN AGY		09/01/2023	Paydown		43,131	43,131	43,152	43,151				(21)	(21)	43,131				1,065	03/01/2049	1.A FE
..679111-WQ-3	OKLAHOMA ST TPK AUTH TPK REV		08/10/2023	RAYMOND JAMES		2,006,000	2,000,000	2,035,940	2,013,448		(2,659)		(2,659)		2,010,789		(4,789)	(4,789)	89,556	01/01/2036	1.D FE
..679111-WX-8	OKLAHOMA ST TPK AUTH TPK REV		08/02/2023	MARKETAXESS		2,004,440	2,000,000	2,043,540	2,016,275		(3,077)		(3,077)		2,013,199		(8,759)	(8,759)	87,333	01/01/2035	1.D FE
..812631-LK-3	SEATTLE WASH DRAIN & WASTEWATER REV		07/19/2023	CITIGROUP GLOBAL		4,082,040	4,080,000	4,186,488	4,096,799		(6,867)		(6,867)		4,089,932		(7,892)	(7,892)	117,867	05/01/2036	1.B FE
..812631-LN-7	SEATTLE WASH DRAIN & WASTEWATER REV		07/19/2023	CITIGROUP GLOBAL		5,133,575	5,140,000	5,214,838	5,151,895		(4,860)		(4,860)		5,147,035		(13,460)	(13,460)	148,489	05/01/2039	1.B FE
..83756C-DZ-5	SOUTH DAKOTA HSG DEV AUTH		09/01/2023	Paydown		103,794	103,794	103,794	43,117						103,794				692	07/01/2043	1.A FE
..88906R-EY-2	TOHOPEKALIGA WTR AUTH FLA UTIL SYS REV		07/18/2023	PIPER SANDLER		5,060,000	5,000,000	5,362,550	5,143,737		(19,971)		(19,971)		5,123,766		(63,766)	(63,766)	160,556	10/01/2036	1.A FE
..93976A-AH-5	WASHINGTON ST CONVENTION CTR		07/01/2023	Call @ 100.00		15,000	15,000	15,000	15,000						15,000				1,019	07/01/2040	2.C FE
090999999. Subtotal - Bonds - U.S. Special Revenues						85,614,754	85,795,252	88,393,369	85,879,576		(378,267)		(378,267)		86,211,090		(256,938)	(256,938)	2,271,347	XXX	XXX
..00081T-AK-4	ACCO BRANDS CORP		09/07/2023	FORT WASHINGTON		219,023	261,000	260,231	260,370		.62		.62		260,432		(41,409)	(41,409)	10,969	03/15/2029	3.C FE
..00109L-AA-1	ADT SECURITY CORP		09/08/2023	FORT WASHINGTON		56,415	65,000	65,000	65,000						65,000		(8,585)	(8,585)	2,987	08/01/2029	3.C FE
..00164V-AE-3	AMC NETWORKS INC		09/07/2023	FORT WASHINGTON		260,934	281,000	247,983	250,490		3,391		3,391		251,373		9,560	9,560	8,157	08/01/2025	3.C FE
..00175P-AB-9	AMN HEALTHCARE INC		09/06/2023	FORT WASHINGTON		240,521	250,000	250,490	105,712		1,250		1,250		251,402		(10,881)	(10,881)	11,343	10/01/2027	3.C FE
..00392#-AA-0	MICROSOFT CORP - ABS		09/15/2023	Paydown		200,292	200,292	200,292	200,292						200,292				5,257	08/15/2039	1.B PL
..00404A-AP-4	ACADIA HEALTHCARE COMPANY INC		09/07/2023	FORT WASHINGTON		150,785	165,000	165,000	165,000						165,000		(14,215)	(14,215)	7,471	04/15/2029	4.A FE
..00653V-AC-5	ADAPTHEALTH LLC		09/07/2023	FORT WASHINGTON		171,034	211,000	213,588	213,074		(192)		(192)		212,881		(41,847)	(41,847)	10,843	08/01/2029	4.B FE
..00653V-AE-1	ADAPTHEALTH LLC		09/07/2023	FORT WASHINGTON		139,400	170,000	170,549	170,477		(39)		(39)		170,438		(31,038)	(31,038)	8,955	03/01/2030	4.B FE
..00687Y-AA-3	ADIENT GLOBAL HOLDINGS LTD		09/08/2023	FORT WASHINGTON		210,902	222,000	215,175	216,292		1,012		1,012		217,304		(6,402)	(6,402)	11,634	08/15/2026	4.C FE
..00842B-AV-9	ABMT 2015-5 B3 - CMO/RMBS		09/01/2023	Paydown		11,081	11,081	11,439	11,472		(391)		(391)		11,081				167	07/25/2045	1.A
..00842C-AU-9	ABMT 2015-7 B3 - CMO/RMBS		09/01/2023	Paydown		100,591	100,591	99,758	99,859		732		732		100,591				2,378	10/25/2045	1.A
..00842V-AU-7	ABMT 2016-3 B3 - CMO/RMBS		09/01/2023	Paydown		57,942	57,942	57,401	57,456		487		487		57,942				1,489	08/27/2046	1.A
..008911-BK-4	AIR CANADA		09/07/2023	FORT WASHINGTON		249,206	272,000	250,429	252,238		3,466		3,466		255,705		(6,498)	(6,498)	11,301	08/15/2026	3.B FE
..00908P-AA-5	AIR CANADA PASS THROUGH CERTIFICATES		07/15/2023	Paydown		307,200	307,200	307,200	307,200						307,200				10,138	07/15/2031	1.F FE
..00908P-AB-3	AIR CANADA PASS THROUGH CERTIFICATES		07/15/2023	Paydown		44,160	44,160	44,160	44,160						44,160				1,568	07/15/2031	2.A FE
..009090-AA-9	AIR CANADA 2015-1 PASS THROUGH		09/15/2023	Paydown		394,484	394,555	384,115	373,122		7,005		7,005		394,484		(13,385)	(13,385)	3,672	03/15/2029	3.C FE
..013092-AG-6	ALBERTSONS COMPANIES INC		09/06/2023	FORT WASHINGTON		92,867	107,000	105,930	106,169		.82		.82		106,252			(13,385)	3,672	03/15/2029	3.C FE
..019576-AA-5	ALLIED UNIVERSAL HOLDCO LLC		09/07/2023	FORT WASHINGTON		171,879	182,000	172,680	172,680		1,152		1,152		173,832		(1,953)	(1,953)	7,904	07/15/2026	4.C FE
..019579-AA-9	ALLIED UNIVERSAL HOLDCO LLC		09/08/2023	FORT WASHINGTON		169,422	200,000	167,000			1,436		1,436		168,436		986	986	2,595	06/01/2028	4.C FE
..02007R-AD-1	ALYA 2019-3 A4 - ABS		07/17/2023	Paydown		4,221,171	4,221,171	4,347,641	4,249,660		(28,489)		(28,489)		4,221,171				48,262	12/16/2024	1.A FE
..02154C-AF-0	ALTICE FINANCING SA		09/07/2023	FORT WASHINGTON		166,640	200,000	200,000	200,000						200,000		(33,360)	(33,360)	11,556	01/15/2028	4.C FE
..02154C-AH-6	ALTICE FINANCING SA		09/06/2023	FORT WASHINGTON		161,026	200,000	200,000	200,000						200,000		(38,974)	(38,974)	12,235	08/15/2029	4.C FE
..02156L-AA-9	ALTICE FRANCE SA		09/07/2023	FORT WASHINGTON		350,020	400,000	396,500	204,763		1		1		395,763		(45,743)	(45,743)	27,986	02/01/2027	4.C FE
..02156L-AF-8	ALTICE FRANCE SA		09/07/2023	FORT WASHINGTON		146,190	200,000	200,000	200,000						200,000		(53,810)	(53,810)	9,282	07/15/2029	4.C FE
..02156L-AH-4	ALTICE FRANCE SA		09/08/2023	FORT WASHINGTON		174,387	236,000	236,000	236,000						236,000		(61,613)	(61,613)	11,790	10/15/2029	4.C FE
..022249-AU-0	HOWMET AEROSPACE INC		09/07/2023	FORT WASHINGTON		124,870	123,000	141,910	136,989		(1,777)		(1,777)		135,212		(10,343)	(10,343)	9,594	01/15/2028	3.A FE
..023761-AA-7	AMERICAN AIRLINES 2017-1 CLASS AA		08/15/2023	Paydown		135,375	135,375	135,375	135,375						135,375				4,941	08/15/2030	1.G FE
..02376W-AA-9	AMERICAN AIRLINES 2016-1 PASS THROUGH		07/15/2023	Paydown		142,527	148,379	145,730			(3,204)		(3,204)		142,527				5,844	07/15/2029	3.A FE
..02377B-AA-4	AMERICAN AIRLINES 2015-2 PASS THROUGH		09/22/2023	Paydown		106,627	106,627	106,627	106,631		(4)		(4)		106,627				4,265	03/22/2029	2.C FE
..02378W-AA-7	AMERICAN AIRLINES 2017-1 PASS THROUGH		08/15/2023	Paydown		64,481	64,481	49,175	55,447		9,035		9,035		64,481				1,596	08/15/2026	3.A FE
..02406P-AU-4	AMERICAN AXLE & MANUFACTURING INC		07/10/2023	FORT WASHINGTON		46,254	49,000	43,855	44,398		479		479		44,878		1,376	1,376	2,486	04/01/2027	4.B FE
..02406P-AY-6	AMERICAN AXLE & MANUFACTURING INC		09/06/2023	FORT WASHINGTON		47,535	49,000	45,876	46,333		511		511		46,844		691	691	3,003	03/15/2026	4.B FE
..025816-BW-8	AMERICAN EXPRESS CO		07/03/2023	Call @ 100.00		2,500,000	2,500,000	2,474,050	2,496,540		2,956		2,956		2,499,496		504	504	84,792	08/03/2023	1.F FE
..030981-AM-6	AMERIGAS PARTNERS LP		09/12/2023	FORT WASHINGTON		346,580	344,000	344,000							344,000		2,580	2,580	9,317	06/01/2028	4.A FE
..031652-BK-5	AMKR TECHNOLOGY INC		09/08/2023	FORT WASHINGTON		316,946	319,000	318,165			.87		.87		318,252		(1,306)	(1,306)	20,229	09/15/2027	3.B FE
..032177-AH-0	AMISTED INDUSTRIES INC		09/07/2023	FORT WASHINGTON		35,786	37,000	37,000	37,000						37,000		(1,214)	(1,214)	2,486	07/01/2027	3.C FE
..032177-AJ-6	AMISTED INDUSTRIES INC		09/07/2023	FORT WASHINGTON		273,965	315,000	299,025	299,675		1,170		1,170		300,845		(26,880)	(26,880)	11,979	05/15/2030	3.C FE
..03236V-AB-7	AXIS 2022-1 A2 - ABS		09/20/2023	Paydown		168,293	168,293	161,555			6,738		6,738		168,293				344	10/20/2027	1.A FE

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STATEMENT AS OF SEPTEMBER 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-foreign	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
..0326X-AB-3	AXIS 2022-2 A2 - ABS		09/20/2023	Paydown		748,275	748,275	743,759			4,516		4,516		748,275				8,899	06/21/2028	1.A FE
..037680-AB-1	AEPIV 1113 A2 - ABS		08/01/2023	Paydown		800,602	800,602	800,519	800,602						800,602				30,200	08/01/2031	1.A FE
..03938L-BF-0	ARCELORMITTAL SA	C	09/07/2023	FORT WASHINGTON		227,044	227,044	222,591	222,600		71		71		222,671		4,373	4,373	11,932	11/29/2032	2.C FE
..039524-AA-1	ARCHES BUYER INC		09/07/2023	FORT WASHINGTON		344,804	400,000	406,280	404,699		(548)		(548)		404,151		(59,347)	(59,347)	13,222	06/01/2028	4.B FE
..04364V-AG-8	ASCENT RESOURCES UTICA HOLDINGS LLC		09/07/2023	FORT WASHINGTON		17,820	18,000	17,100	17,141		136		136		17,276		544	544	1,085	11/01/2026	4.A FE
..04364V-AJ-7	ASCENT RESOURCES UTICA HOLDINGS LLC		09/07/2023	FORT WASHINGTON		318,964	351,000	316,187	316,981		2,886		2,886		319,867		(902)	(902)	21,194	06/30/2029	4.A FE
..04621W-AC-4	ASSURED GUARANTY US HOLDINGS INC		09/25/2023	Call @ 100.00		14,411,000	14,411,000	14,595,506	14,451,353		(19,469)		(19,469)		14,431,883		(20,883)	(20,883)	888,678	07/01/2024	2.A FE
..04774#-AA-0	ATLANTA FALCONS STADIUM - ABS		09/01/2023	Paydown		44,375	44,375	44,375	44,377		(1)		(1)		44,375				1,593	09/01/2042	2.B PL
..04774#-AB-8	ATLANTA FALCONS STADIUM - ABS		09/01/2023	Paydown		31,740	31,740	31,740	31,741		(1)		(1)		31,740				1,139	09/01/2042	2.B PL
..04965D-A*-7	ATRESMEDIA CORPORACION DE MEDI - ABS	C	07/11/2023	Maturity @ 100.00		1,600,000	1,600,000	1,600,000	1,600,000						1,600,000				71,680	07/11/2023	2.C
..05352T-AB-5	AVANTOR FUNDING INC		09/07/2023	FORT WASHINGTON		231,088	266,000	266,000	266,000						266,000		(34,913)	(34,913)	8,876	11/01/2029	3.B FE
..05366D-AA-6	AVIATION CAPITAL GROUP LLC		09/08/2023	FORT WASHINGTON		362,325	368,000	364,590			96		96		364,686		(2,361)	(2,361)	5,670	07/15/2030	2.C FE
..05368V-AA-4	AVIENT CORP		09/07/2023	FORT WASHINGTON		195,826	197,000	187,608	187,819		637		637		188,457		7,369	7,369	15,245	08/01/2030	3.C FE
..05523#-AA-1	BAE SYSTEMS PLC - ABS	C	09/15/2023	Paydown		55,280	55,280	52,578	52,578						55,280				1,220	07/31/2042	2.A
..05601X-AC-3	BMWLT 2022-1 A3 - ABS		09/25/2023	Paydown		833,642	833,642	833,517	833,593		48		48		833,642				6,118	03/25/2025	1.A FE
..05605H-AB-6	BHX TECHNOLOGIES INC		09/07/2023	FORT WASHINGTON		268,919	301,000	292,172	292,959		883		883		293,842		(24,923)	(24,923)	8,857	06/30/2028	3.C FE
..05949A-HA-1	BOAMS 2004-E 2A6 - CMO/RMBS		09/01/2023	Paydown		5,980	5,980	5,920	6,001		(21)		(21)		5,980				133	06/25/2034	1.A FM
..06540A-AC-5	BANK 2019-BNK20 A2 - CMBS		09/01/2023	Paydown		107,012	107,012	108,078	107,794		(783)		(783)		107,012				1,230	09/15/2062	1.A
..06540B-BC-2	BANK 2019-BNK21 A4 - CMBS		09/01/2023	Paydown		121,787	121,787	128,975	126,707		(4,921)		(4,921)		121,787				1,735	10/18/2052	1.A
..065606-AG-0	BIWTA 2019-1 D - ABS		08/15/2023	Paydown		7,000,000	7,000,000	6,899,922	6,918,114		81,886		81,886		7,000,000				156,333	07/15/2026	1.C FE
..07317Q-AJ-4	BAYTEX ENERGY CORP		09/07/2023	FORT WASHINGTON		389,585	385,000	380,735			174		174		380,909		8,676	8,676	12,181	04/30/2030	3.C FE
..073685-AH-2	BEACON ROOFING SUPPLY INC		09/13/2023	FORT WASHINGTON		180,263	209,000	209,349	209,300		(30)		(30)		209,271		(29,008)	(29,008)	7,184	05/15/2029	4.B FE
..073914-C2-7	SAMI 1998-2 B - CMO/RMBS		09/01/2023	Paydown		7	7	6	6						7					05/02/2030	1.A FM
..073914-C3-5	SAMI 1998-2 C - CMO/RMBS		09/01/2023	Paydown		19	19	18	18						19					05/02/2030	1.A FM
..07556Q-BM-6	BEAZER HOMES USA INC		09/06/2023	FORT WASHINGTON		156,672	157,000	146,010	146,872		2,911		2,911		149,783		6,889	6,889	10,391	03/15/2025	4.A FE
..080555-AF-2	BELO CORP		09/08/2023	FORT WASHINGTON		673,347	694,000	686,039	245,569		693		693		677,571		(4,224)	(4,224)	33,329	09/15/2027	3.C FE
..093645-AJ-8	BLOCK COMMUNICATIONS INC		09/07/2023	FORT WASHINGTON		363,014	436,000	381,885	178,565		4,903		4,903		386,942		(23,929)	(23,929)	18,019	03/01/2028	4.A FE
..095796-AE-8	BLUE RACER MIDSTREAM LLC		09/07/2023	FORT WASHINGTON		530,021	540,000	536,460	360,000		522		522		536,982		(6,961)	(6,961)	35,378	07/15/2026	4.A FE
..095796-AH-1	BLUE RACER MIDSTREAM LLC		09/06/2023	FORT WASHINGTON		102,527	102,000	103,628	103,564		(546)		(546)		103,018		(490)	(490)	5,682	12/15/2025	4.A FE
..09624H-AA-7	BLUELINK HOLDINGS INC		09/07/2023	FORT WASHINGTON		373,748	419,000	351,960			2,511		2,511		354,471		19,277	19,277	14,851	11/15/2029	4.A FE
..097793-AE-3	CIVITAS RESOURCES INC		09/07/2023	FORT WASHINGTON		324,683	345,000	346,297	346,028		(174)		(174)		345,854		(21,171)	(21,171)	15,621	10/15/2026	3.C FE
..09851L-AB-9	BOOZ ALLEN HAMILTON INC		09/07/2023	FORT WASHINGTON		286,592	321,000	311,614	312,575		791		791		313,366		(26,774)	(26,774)	15,337	07/01/2029	2.C FE
..09851L-AC-7	BOOZ ALLEN HAMILTON INC		09/07/2023	FORT WASHINGTON		228,089	229,000	226,811			17		17		226,828		1,261	1,261	1,400	08/04/2033	2.C FE
..10240*-AA-7	BOWIE ACQUISITIONS LLC - ABS		07/01/2023	Paydown															11,504	09/30/2038	2.C PL
..11040G-AA-1	BRISTOW GROUP INC		09/07/2023	FORT WASHINGTON		167,891	180,000	182,663	182,074		(238)		(238)		181,835		(13,944)	(13,944)	12,719	03/01/2028	4.A FE
..11042C-AA-8	BRITISH AIRWAYS PASS THROUGH		09/15/2023	Paydown		300,695	300,695	282,879	282,744		17,951		17,951		300,695				6,540	09/15/2036	1.F FE
..11042T-AA-1	BRITISH AIRWAYS PASS THROUGH	C	09/20/2023	Paydown		276,774	276,774	276,774	276,775		(1)		(1)		276,774				7,888	03/20/2033	1.F FE
..11043X-AA-1	BRITISH AIRWAYS 2019-1 PASS THROUGH		09/15/2023	Paydown		67,981	67,981	67,981	67,981						67,981				1,683	06/15/2034	1.F FE
..11043Y-AB-9	BRITISH AIRWAYS 2019-1 PASS THROUGH		09/15/2023	Paydown		42,963	42,963	42,963	42,963						42,963				1,079	12/15/2030	2.B FE
..11043Y-AA-9	BELL ROCK LIMITED - ABS	C	09/15/2023	Paydown		7,913	7,913	7,913	3,955						7,913				365	09/15/2037	1.F PL
..118230-AQ-4	BUCKEYE PARTNERS LP		09/07/2023	FORT WASHINGTON		232,591	255,000	258,223	257,396		(428)		(428)		256,968		(24,378)	(24,378)	7,834	12/01/2026	3.C FE
..118230-AR-2	BUCKEYE PARTNERS LP		09/07/2023	FORT WASHINGTON		99,011	109,000	111,316	110,822		(251)		(251)		110,571		(11,560)	(11,560)	3,497	12/01/2027	3.C FE
..12008R-AR-8	BUILDERS FIRSTSOURCE INC		09/07/2023	FORT WASHINGTON		340,419	352,000	352,830	352,797		(44)		(44)		352,753		(12,333)	(12,333)	16,581	06/15/2032	3.C FE
..1248EP-CB-7	CCO HOLDINGS LLC		09/07/2023	FORT WASHINGTON		283,595	315,000	316,204	316,096		(102)		(102)		315,994		(32,399)	(32,399)	13,169	06/01/2029	3.C FE
..1248EP-CD-3	CCO HOLDINGS LLC		09/07/2023	FORT WASHINGTON		309,060	365,000	365,000	365,000						365,000		(55,940)	(55,940)	17,819	03/01/2030	3.C FE
..1248EP-CE-1	CCO HOLDINGS LLC		09/07/2023	FORT WASHINGTON		226,491	274,000	276,430	276,185		(15)		(15)		276,170		(49,679)	(49,679)	13,221	08/15/2030	3.C FE
..1248EP-CK-7	CCO HOLDINGS LLC		09/13/2023	FORT WASHINGTON		442,181	548,000	504,845	507,752		2,851		2,851		510,602		(68,421)	(68,421)	26,137	02/01/2031	3.C FE

STATEMENT AS OF SEPTEMBER 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								NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol
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
1248EP-CN-1	COO HOLDINGS LLC		09/07/2023	FORT WASHINGTON		254,454	322,000	305,193	304,562			942	942		305,504		(51,050)	(51,050)	12,478	05/01/2032	3.C FE
1248EP-CS-0	COO HOLDINGS LLC		09/07/2023	FORT WASHINGTON		181,779	195,000	195,000	195,000						195,000		(13,221)	(13,221)	13,536	09/01/2029	3.C FE
1248EP-CT-8	COO HOLDINGS LLC		09/07/2023	FORT WASHINGTON		206,196	211,000	211,000	211,000						211,000		(4,804)	(4,804)	8,991	03/01/2031	3.C FE
12532B-AC-1	CFPRE 2016-C7 A2 - CMBS		07/01/2023	Paydown		313,446	313,446	292,276	293,497		19,949		19,949		313,446				6,556	12/11/2054	1.A
12543D-BM-1	CHS/COMMUNITY HEALTH SYSTEMS INC		09/06/2023	FORT WASHINGTON		158,826	204,000	204,000	204,000						204,000		(45,174)	(45,174)	8,717	05/15/2030	4.C FE
12592B-AK-0	CNH INDUSTRIAL CAPITAL LLC		07/02/2023	Maturity @ 100.00		500,000	500,000	496,850	499,634		542		542		500,000				9,750	07/02/2023	2.B FE
126307-BA-4	CSC HOLDINGS LLC		09/07/2023	FORT WASHINGTON		336,665	610,000	583,875	583,556		2,221		2,221		585,778		(249,112)	(249,112)	40,531	01/15/2030	5.B FE
126307-BD-8	CSC HOLDINGS LLC		09/07/2023	FORT WASHINGTON		203,744	390,000	402,675	400,996		(448)		(448)		400,548		(196,804)	(196,804)	14,029	12/01/2030	5.B FE
126307-BF-3	CSC HOLDINGS LLC		09/07/2023	FORT WASHINGTON		168,387	247,000	231,985	234,250		932		932		235,181		(66,794)	(66,794)	8,938	02/15/2031	4.B FE
12630B-BA-5	COMM 2013-CORE13 A4 - CMBS		09/01/2023	Paydown		1,839,546	1,839,546	1,900,194	1,851,791		(12,245)		(12,245)		1,839,546				57,863	11/12/2046	1.A
126458-AE-8	CTR PARTNERSHIP LP		09/07/2023	FORT WASHINGTON		228,305	261,000	261,938	261,747		(90)		(90)		261,656		(33,352)	(33,352)	7,052	06/30/2028	3.A FE
12653C-AK-4	CNX RESOURCES CORP		08/09/2023	FORT WASHINGTON		340,560	344,000	343,625	343,676		104		104		343,780		(3,220)	(3,220)	22,151	01/15/2031	3.B FE
12657N-AA-8	COP HOLDCO LP		09/08/2023	FORT WASHINGTON		878,658	971,000	984,022	758,551		(1,890)		(1,890)		976,348		(97,690)	(97,690)	39,609	06/15/2031	4.A FE
12662P-AB-4	CVR ENERGY INC		09/07/2023	FORT WASHINGTON		236,981	243,000	243,000	243,000						243,000		(6,019)	(6,019)	13,679	02/15/2025	4.A FE
126650-AH-0	CVSPAS NOTES CTF - CMBS		09/10/2023	Paydown		21,006	21,006	22,717	21,779		(773)		(773)		21,006				742	01/11/2027	2.B
126650-BP-4	CVSPAS 06 CRT - ABS		09/10/2023	Paydown		72,347	72,347	77,180	71,980		(2,216)		(2,216)		72,347				2,837	12/10/2028	2.B FE
126650-BQ-2	CVSPAS 2007 CTF - CMBS		09/10/2023	Paydown		28,446	28,446	33,386	30,222		(3,095)		(3,095)		28,446				1,276	01/10/2030	2.B FE
126650-BS-8	CVSPAS 2009-B CFT - ABS		09/10/2023	Paydown		38,266	38,266	47,622	39,259		(6,247)		(6,247)		38,266				1,752	01/10/2032	2.B FE
126650-BY-5	CVSPAS 2011 CTF - CMBS		09/10/2023	Paydown		157,707	157,706	158,990	158,443		(736)		(736)		157,707				6,233	01/10/2034	2.B FE
12672#-AA-6	CVS HEALTH CORP - ABS		09/10/2023	Paydown		87,195	87,195	87,195	87,195						87,195				2,735	09/10/2034	2.B
12781*-AA-8	KIEWIT CORPORATION - ABS		09/10/2023	Paydown		132,124	132,124	132,124	132,124						132,124				766	06/30/2043	1.G Z
13123X-AZ-5	CALLON PETROLEUM CO		08/07/2023	FORT WASHINGTON		246,960	252,000	241,920	242,153		1,529		1,529		243,682		3,278	3,278	17,761	07/01/2026	3.C FE
13123X-BD-3	CALLON PETROLEUM CO		08/07/2023	FORT WASHINGTON		105,068	104,000	103,600	103,600		34		34		103,634		1,434	1,434	4,334	08/01/2028	3.C FE
13805A-AA-5	CANPACK SA	C.	09/07/2023	FORT WASHINGTON		333,116	359,000	311,881	312,615		10,411		10,411		323,026		10,090	10,090	9,661	11/01/2025	3.C FE
13806C-AA-0	CANPACK SA	C.	09/07/2023	FORT WASHINGTON		214,726	266,000	266,000	266,000						266,000		(51,274)	(51,274)	9,695	11/15/2029	3.C FE
14314Q-AC-8	CARMX 2021-2 A3 - ABS		09/15/2023	Paydown		281,690	281,690	271,963			9,727		9,727		281,690				366	02/17/2026	1.A FE
14315P-AE-5	CARMX 2019-3 A4 - ABS		09/15/2023	Paydown		150,540	150,540	148,153	148,920		1,620		1,620		150,540				2,459	04/15/2025	1.A FE
14315P-AG-0	CARMX 2019-3 C - ABS		09/15/2023	Paydown		5,425,000	5,425,000	5,292,975	3,210,748		126,274		126,274		5,425,000				101,183	06/16/2025	1.A FE
14315P-AH-8	CARMX 2019-3 D - ABS		09/15/2023	Paydown		2,324,000	2,324,000	2,272,604	1,324,175		48,007		48,007		2,324,000				47,362	01/15/2026	2.B FE
14315V-AE-2	CARMX 2020-2 A4 - ABS		09/15/2023	Paydown		338,906	338,906	332,565	334,195		4,711		4,711		338,906				4,632	05/15/2025	1.A FE
14315W-AD-2	CARMX 2019-4 A3 - ABS		08/15/2023	Paydown		36,192	36,192	36,190	36,191						36,192				452	11/15/2024	1.A FE
14315W-AE-0	CARMX 2019-4 A4 - ABS		09/15/2023	Paydown		116,862	116,862	116,860	116,862		1		1		116,862				1,830	07/15/2025	1.A FE
14315X-AC-2	CARMX 2020-1 A3 - ABS		09/15/2023	Paydown		225,229	225,229	231,194	226,564		(1,335)		(1,335)		225,229				2,837	12/16/2024	1.A FE
14316H-AC-6	CARMX 2020-4 A3 - ABS		09/15/2023	Paydown		1,691,994	1,691,994	1,654,716	1,659,023		32,971		32,971		1,691,994				5,636	08/15/2025	1.A FE
14317C-AB-8	CARMX 2022-1 A2 - ABS		09/15/2023	Paydown		1,398,021	1,398,021	1,380,655	1,384,381		13,640		13,640		1,398,021				8,276	02/18/2025	1.A FE
14317C-AC-6	CARMX 2022-1 A3 - ABS		09/15/2023	Paydown		27,101	27,101	26,180	26,341		760		760		27,101				299	12/15/2026	1.A FE
14317D-AC-4	CARMX 2021-3 A3 - ABS		09/15/2023	Paydown		272,402	272,402	270,263	271,256		1,146		1,146		272,402				999	06/15/2026	1.A FE
143658-BJ-0	CARNIVAL CORP		09/06/2023	FORT WASHINGTON		334,409	318,000	368,484	347,063		(8,389)		(8,389)		338,674		(4,265)	(4,265)	34,630	08/01/2027	3.C FE
143658-BL-5	CARNIVAL CORP		09/08/2023	FORT WASHINGTON		547,186	554,000	529,031	48,000		3,223		3,223		532,254		14,932	14,932	24,242	03/01/2026	4.C FE
143658-BN-1	CARNIVAL CORP		09/08/2023	FORT WASHINGTON		190,190	206,000	176,130			2,016		2,016		178,146		12,043	12,043	6,284	03/01/2027	4.C FE
143658-BQ-4	CARNIVAL CORP		09/07/2023	FORT WASHINGTON		191,986	217,000	217,000	217,000						217,000		(25,014)	(25,014)	9,644	08/01/2028	3.C FE
143658-BR-2	CARNIVAL CORP		09/07/2023	FORT WASHINGTON		202,115	229,000	229,000	229,000						229,000		(26,885)	(26,885)	11,832	05/01/2029	4.C FE
143905-AP-2	CARRIAGE SERVICES INC		09/07/2023	FORT WASHINGTON		222,748	259,000	259,000	259,000						259,000		(36,252)	(36,252)	9,051	05/15/2029	4.C FE
14686J-AB-6	CRVNA 2022-P2 A2 - ABS		09/10/2023	Paydown		416,932	416,932	414,456	415,232		1,700		1,700		416,932				9,242	07/10/2025	1.A FE
14686M-AB-9	CRVNA 2022-P3 A2 - ABS		09/10/2023	Paydown		533,961	533,961	532,693	533,004		957		957		533,961				15,719	12/10/2025	1.A FE
14686X-AF-6	CRVNA 193 D - ABS		09/15/2023	Paydown		2,898,577	2,898,577	2,978,627	2,922,832		(24,255)		(24,255)		2,898,577				58,751	04/15/2025	1.A FE

E05.12

STATEMENT AS OF SEPTEMBER 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 Ident- ification	2 Description	3 For- eign	4 Disposal Date	5 Name of Purchaser	6 Number of Shares of Stock	7 Consid- eration	8 Par Value	9 Actual Cost	10 Prior Year Book/ Adjusted Carrying Value	Change In Book/Adjusted Carrying Value					16 Book/ Adjusted Carrying Value at Disposal Date	17 Foreign Exchange Gain (Loss) on Disposal	18 Realized Gain (Loss) on Disposal	19 Total Gain (Loss) on Disposal	20 Bond Interest/ Stock Dividends Received During Year	21 Stated Con- tractual Maturity Date	22 NAIC Desig- nation, NAIC Desig- nation Modifier and SVO Admini- strative Symbol
										11 Unrealized Valuation Increase/ (Decrease)	12 Current Year's (Amor- tization)/ Accretion	13 Current Year's Other Than Temporary Impairment Recogn- ized	14 Total Change in Book/ Adjusted Carrying Value (11 + 12 - 13)	15 Total Foreign Exchange Change in Book /Adjusted Carrying Value							
..14687A-AN-8	CRVNA 2020-P1 A3 - ABS		09/08/2023	Paydown		161,034	161,034	161,229	161,095		(60)		(60)	161,034			453	06/09/2025	1.A FE		
..14687A-AP-3	CRVNA 2020-P1 A4 - ABS		09/08/2023	Paydown		329,718	329,718	327,902	328,915		803		803	329,718			1,508	10/08/2026	1.A FE		
..14687J-AE-9	CRVNA 2021-P3 A3 - ABS		09/10/2023	Paydown		3,144,819	3,144,819	3,046,780	1,036,885		97,390		97,390	3,144,819			7,011	11/10/2026	1.A FE		
..14687T-AC-1	CRVNA 2021-P2 A3 - ABS		09/10/2023	Paydown		364,604	364,604	364,583	358,021		6,583		6,583	364,604			1,188	03/10/2026	1.A FE		
..14739L-AB-8	CASCADES INC		09/07/2023	FORT WASHINGTON		172,833	185,000	167,656	168,514		1,935		1,935	170,449		2,384	2,384	11,491	01/15/2028	3.C FE	
..15089Q-AP-9	CELANESE US HOLDINGS LLC		09/06/2023	FORT WASHINGTON		423,193	433,000	431,026	430,893		48		48	430,941		(7,748)	(7,748)	31,764	07/15/2032	2.C FE	
..15089Q-AY-0	CELANESE US HOLDINGS LLC		09/13/2023	FORT WASHINGTON		364,979	368,000	368,857			(16)		(16)	368,840		(3,861)	(3,861)	1,438	11/15/2033	2.C FE	
..17027N-AB-8	CHOBANI LLC		09/07/2023	FORT WASHINGTON		188,322	211,000	214,936	214,083		(303)		(303)	213,780		(25,458)	(25,458)	8,024	11/15/2028	4.C FE	
..171484-AE-8	CHURCHILL DOWNS INC		09/07/2023	FORT WASHINGTON		369,501	406,000	388,174	395,524		1,098		1,098	396,623		(27,122)	(27,122)	22,285	01/15/2028	4.A FE	
..17186H-AG-7	CIMPRESS PLC	C.	09/08/2023	FORT WASHINGTON		613,632	660,000	669,988	663,671		(3,528)		(3,528)	660,586		(46,954)	(46,954)	34,236	06/15/2026	5.A FE	
..17325F-AS-7	CITIBANK NA		09/07/2023	STIFEL FINANCIAL		4,958,750	5,000,000	5,162,450	5,036,353		(25,835)		(25,835)	5,010,518		(51,768)	(51,768)	206,833	01/23/2024	1.E FE	
..17329P-CL-4	CMLTI 211N1 A7A - CMO/RMBS		09/01/2023	Paydown		38,218	38,218	39,212	39,163		(946)		(946)	38,218			648	05/25/2051	1.A		
..17329R-CN-6	CMLTI 2021-INV2 A7A - CMO/RMBS		09/01/2023	Paydown		65,817	65,817	67,627	67,518		(1,701)		(1,701)	65,817			1,090	05/25/2051	1.A		
..17888H-AA-1	CIVITAS RESOURCES INC		09/13/2023	FORT WASHINGTON		339,521	330,000	330,139			(5)		(5)	330,134		9,386	9,386	5,835	07/01/2028	3.C FE	
..18538R-AH-6	CLEARWATER PAPER CORP		09/07/2023	FORT WASHINGTON		108,081	111,000	107,061	109,324		537		537	109,860		(1,780)	(1,780)	6,629	02/01/2025	3.C FE	
..18538R-AJ-2	CLEARWATER PAPER CORP		09/07/2023	FORT WASHINGTON		159,613	183,000	181,176	181,534		160		160	181,695		(22,082)	(22,082)	9,320	08/15/2028	3.C FE	
..20268C-AA-6	CBSLT 19AGS A1 - ABS		09/25/2023	Paydown		80,197	80,197	80,170	80,164		33		33	80,197			1,346	01/25/2047	1.A FE		
..20268H-AA-2	CBSLT 2021-A-GS A - ABS		09/25/2023	Paydown		17,868	17,868	17,864			5		5	17,868			107	03/25/2052	1.A FE		
..20848V-AA-3	CONSENSUS CLOUD SOLUTIONS INC		09/06/2023	FORT WASHINGTON		472,022	507,000	455,969	310,938		6,060		6,060	465,633		6,389	6,389	22,434	10/15/2026	4.B FE	
..22207A-AA-0	COTY INC		09/08/2023	FORT WASHINGTON		114,777	115,000	115,000						115,000		(223)	(223)	974	07/15/2030	3.B FE	
..225310-AM-3	CREDIT ACCEPTANCE CORP		09/06/2023	FORT WASHINGTON		173,965	180,000	180,000	180,000					180,000		(6,035)	(6,035)	11,693	03/15/2026	3.C FE	
..225310-AN-1	CREDIT ACCEPTANCE CORP		09/07/2023	FORT WASHINGTON		203,847	210,000	201,075	201,263		2,909		2,909	204,172		(325)	(325)	12,885	12/31/2024	3.C FE	
..233293-AQ-2	DPL INC		09/08/2023	FORT WASHINGTON		239,699	284,000	243,420	244,229		3,599		3,599	247,828		(8,129)	(8,129)	11,222	04/15/2029	3.B FE	
..235825-AH-9	DANA INC		09/07/2023	FORT WASHINGTON		215,150	263,000	262,950	262,905		75		75	262,980		(47,830)	(47,830)	11,488	09/01/2030	3.C FE	
..235825-AJ-5	DANA INC		09/06/2023	FORT WASHINGTON		64,376	80,000	71,147	71,680		483		483	72,163		(7,787)	(7,787)	3,830	02/15/2032	3.C FE	
..24665F-AB-8	DELK LOGISTICS PARTNERS LP		08/10/2023	FORT WASHINGTON		88,875	90,000	89,385	89,765		58		58	89,822		(947)	(947)	4,524	05/15/2025	3.C FE	
..24703T-AD-8	DELL INTERNATIONAL LLC		07/05/2023	TENDER		6,827,911	6,728,000	6,770,175	6,745,114		(2,543)		(2,543)	6,742,572		(14,572)	(14,572)	261,131	06/15/2026	2.B FE	
..24736X-AA-6	DELTA AIR LINES 2015-1 PASS THROUGH		07/30/2023	Paydown		21,653	21,653	19,916	19,913		1,740		1,740	21,653			785	01/30/2029	1.F FE		
..24737A-AA-5	DELTA AIR LINES 2015-1 PASS THROUGH		07/31/2023	Paydown		597,792	597,792	597,792	596,990		801		801	597,792			25,406	01/30/2025	3.A FE		
..25461L-AA-0	DIRECTV FINANCING LLC		09/06/2023	FORT WASHINGTON		432,718	491,000	504,136	501,558		(1,413)		(1,413)	500,144		(67,426)	(67,426)	30,689	08/15/2027	3.B FE	
..25470M-AG-4	DISH NETWORK CORP		09/07/2023	FORT WASHINGTON		127,222	126,000	128,520			(217)		(217)	128,303		(1,081)	(1,081)	12,173	11/15/2027	4.B FE	
..25470X-AY-1	DISH DBS CORP		07/28/2023	FORT WASHINGTON		109,855	173,000	140,779			3,596		3,596	144,375		(34,520)	(34,520)	7,821	07/01/2026	5.B FE	
..25470Y-BE-4	DISH DBS CORP		09/06/2023	FORT WASHINGTON		316,280	376,000	373,034	373,547		392		392	373,939		(57,659)	(57,659)	15,189	12/01/2026	4.B FE	
..267475-AD-3	DYCOM INDUSTRIES INC		09/07/2023	FORT WASHINGTON		332,559	373,000	377,463	376,706		(362)		(362)	376,344		(43,784)	(43,784)	15,200	04/15/2029	3.C FE	
..26885B-AC-4	EQM MIDSTREAM PARTNERS LP		09/07/2023	FORT WASHINGTON		132,008	139,000	126,838	127,044		1,258		1,258	128,301		3,707	3,707	8,834	07/15/2028	3.C FE	
..26885B-AK-6	EQM MIDSTREAM PARTNERS LP		09/08/2023	FORT WASHINGTON		344,228	382,000	356,280	107,000		992		992	357,272		(13,044)	(13,044)	13,724	01/15/2029	3.C FE	
..26885B-AL-4	EQM MIDSTREAM PARTNERS LP		09/07/2023	FORT WASHINGTON		159,393	183,000	162,840	162,891		1,300		1,300	164,190		(4,797)	(4,797)	10,045	01/15/2031	3.C FE	
..26885B-AM-2	EQM MIDSTREAM PARTNERS LP		09/08/2023	FORT WASHINGTON		41,188	41,000	41,000						41,000		188	188	2,400	06/01/2027	3.C FE	
..269246-BQ-6	E*TRADE FINANCIAL LLC		07/28/2023	Call @ 100.00		9,250,000	9,250,000	9,231,273	9,240,544		1,074		1,074	9,241,618		8,382	8,382	326,114	08/24/2027	1.G FE	
..26982L-AB-6	EMIR 2020-1 M1B - CMO/RMBS	C.	09/25/2023	Paydown		773,622	773,622	773,622	773,622					773,622			25,616	01/25/2030	1.E FE		
..27034R-AA-1	EARTHSTONE ENERGY HOLDINGS LLC		09/06/2023	FORT WASHINGTON		197,040	192,000	192,000	192,000					192,000		5,040	5,040	13,781	04/15/2027	4.A FE	
..29103C-AA-6	EMERALD DEBT MERGER SUB LLC		09/06/2023	FORT WASHINGTON		411,851	422,000	422,000						422,000		(10,149)	(10,149)	8,465	12/15/2030	3.C FE	
..29373K-AC-7	EFF 2020-1 A3 - ABS		09/20/2023	Paydown		1,333,324	1,333,323	1,305,355	1,314,572		18,751		18,751	1,333,324				16,568	12/22/2025	1.A FE	
..29373M-AB-5	EFF 213 A2 - ABS		09/20/2023	Paydown		1,571,526	1,571,526	1,568,130	1,490,738		3,264		3,264	1,571,526			7,923	08/20/2027	1.A FE		
..29374F-AB-9	EFF 223 A2 - ABS		09/20/2023	Paydown		274,655	274,655	274,872	236,653		(208)		(208)	274,655			6,016	07/20/2029	1.A FE		
..29374G-AB-7	EFF 224 A2 - ABS		09/20/2023	Paydown		324,019	324,019	324,220	239,573		(203)		(203)	324,019			11,972	10/22/2029	1.A FE		

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STATEMENT AS OF SEPTEMBER 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 Ident- ification	2 Description	3 For- eign	4 Disposal Date	5 Name of Purchaser	6 Number of Shares of Stock	7 Consid- eration	8 Par Value	9 Actual Cost	10 Prior Year Book/ Adjusted Carrying Value	Change In Book/Adjusted Carrying Value					16 Book/ Adjusted Carrying Value at Disposal Date	17 Foreign Exchange Gain (Loss) on Disposal	18 Realized Gain (Loss) on Disposal	19 Total Gain (Loss) on Disposal	20 Bond Interest/ Stock Dividends Received During Year	21 Stated Con- tractual Maturity Date	22 NAIC Desig- nation, NAIC Desig- nation Modifier and SVO Admini- strative Symbol		
										11 Unrealized Valuation Increase/ (Decrease)	12 Current Year's (Amor- tization)/ Accretion	13 Current Year's Other Than Temporary Impairment Recogn- ized	14 Total Change in Book/ Adjusted Carrying Value (11 + 12 - 13)	15 Total Foreign Exchange Change in Book /Adjusted Carrying Value									
..29374Y-AB-8	EFF 2021-2 A2 - ABS		09/20/2023	Paydown		960,225	960,225	927,218					33,008		33,008	960,225			766	05/20/2027	1.A FE		
..29375J-AB-0	EFF 2022-1 A2 - ABS		09/20/2023	Paydown		903,846	903,846	882,474	129,110				20,929		20,929	903,846			5,732	01/20/2028	1.A FE		
..29375M-AB-3	EFF 2020-2 A2 - ABS		09/20/2023	Paydown		246,568	246,568	239,075	240,071				6,498		6,498	246,568			996	07/20/2026	1.A FE		
..29425A-AE-3	CGMT 2015-GC33 AAB - CMBS		09/01/2023	Paydown		17,170	17,170	18,286	17,399				(229)		(229)	17,170			410	09/12/2058	1.A		
..30034T-AA-1	EVERI HOLDINGS INC		09/07/2023	FORT WASHINGTON		195,035	221,000	225,195	224,646				(338)		(338)	224,308		(29,273)	(29,273)	12,769	07/15/2029	4.A FE	
..30166N-AF-3	EART 2020-3 D - ABS		09/15/2023	Paydown		288,969	288,969	291,780	290,375				(1,407)		(1,407)	288,969			3,562	07/15/2026	1.A FE		
..30288*-AA-8	FREPORT LNG - ABS		09/30/2023	Paydown		440,000	440,000	440,000	440,000							440,000			9,988	03/31/2038	2.B FE		
..30306V-AA-6	FLNG LIQUEFACTION 3 LLC - ABS		07/01/2023	Paydown															12,793	06/30/2039	2.C FE		
..31944T-AA-8	FIRSTCASH INC		09/07/2023	FORT WASHINGTON		186,076	206,000	206,000	206,000							206,000		(19,924)	(19,924)	13,841	01/01/2030	3.B FE	
..33766*-AA-9	FIRSTENERGY CORP - ABS		09/15/2023	Paydown		100,007	100,007	101,001	100,842				(835)		(835)	100,007			2,134	06/15/2035	3.A		
..33766Q-AC-1	FECH 2013 A3 - ABS		07/15/2023	Paydown		323,567	323,567	323,560	323,567							323,567			11,163	01/15/2036	1.A FE		
..33767D-AB-1	FIRSTCASH INC		09/07/2023	FORT WASHINGTON		174,786	198,000	198,000	198,000							198,000		(23,214)	(23,214)	9,412	09/01/2028	3.B FE	
..33767W-AA-1	FKH 2021-SFR1 A - RMBS		09/01/2023	Paydown		6,894	6,894	6,041					853		853	6,894			15	08/25/2038	1.A FE		
..33851G-AF-2	FSMT 2161NW A6 - CMO/RMBS		09/01/2023	Paydown		56,660	56,660	58,218	58,120				(1,460)		(1,460)	56,660			938	08/25/2051	1.A		
..33851P-AE-5	FSMT 2021-51NW A5 - CMO/RMBS		09/01/2023	Paydown		47,369	47,369	48,383	48,363				(994)		(994)	47,369			792	07/25/2051	1.A		
..34107*-AA-7	FLORIDA PIPELINE HOLDINGS - ABS		08/15/2023	Paydown		235,209	235,209	235,209	235,209							235,209			6,868	08/15/2038	2.B PL		
..34528G-AK-2	FORDO 2020-A A3 - ABS		07/17/2023	Paydown		52,228	52,228	52,671	52,354				(126)		(126)	52,228			317	08/15/2024	1.A FE		
..34528H-AA-2	FORDR 2018-REV2 A - ABS		07/17/2023	Paydown		3,525,000	3,525,000	3,572,622	3,533,006				(8,006)		(8,006)	3,525,000			71,352	01/15/2030	1.A FE		
..34531K-AE-2	FORDO 2019-C A4 - ABS		09/15/2023	Paydown		545,824	545,824	559,449	549,943				(4,118)		(4,118)	545,824			7,462	04/15/2025	1.A FE		
..34531K-AF-9	FORDO 2019-C B - ABS		09/15/2023	Paydown		635,000	635,000	621,903	624,878				10,122		10,122	635,000			10,144	05/15/2025	1.A FE		
..34533Y-AD-2	FORDO 2020-C A3 - ABS		09/15/2023	Paydown		182,321	182,321	182,306	182,317							182,321			497	07/15/2025	1.A FE		
..34535A-AB-6	FORDO 2022-C A2A - ABS		09/15/2023	Paydown		766,592	766,592	766,563	766,570							766,592			23,023	04/15/2025	1.A FE		
..345370-CQ-1	FORD MOTOR CO		09/13/2023	FORT WASHINGTON		131,282	176,000	188,088	187,674				(266)		(266)	187,407		(56,125)	(56,125)	9,753	01/15/2043	3.A FE	
..345397-AA-5	FORD MOTOR CREDIT COMPANY LLC		09/07/2023	FORT WASHINGTON		373,584	405,000	364,775	379,074				4,058		4,058	383,132		(9,547)	(9,547)	20,277	01/09/2027	3.A FE	
..345397-B3-6	FORD MOTOR CREDIT COMPANY LLC		09/07/2023	FORT WASHINGTON		173,318	206,000	212,953	212,144				(493)		(493)	211,651		(38,333)	(38,333)	6,821	11/13/2030	3.A FE	
..345397-B5-1	FORD MOTOR CREDIT COMPANY LLC		09/08/2023	FORT WASHINGTON		171,540	200,000	200,000	200,000							200,000		(28,460)	(28,460)	6,219	02/16/2028	3.A FE	
..345397-B9-3	FORD MOTOR CREDIT COMPANY LLC		09/06/2023	FORT WASHINGTON		766,656	938,000	937,981	938,000							938,000		(171,344)	(171,344)	29,318	02/10/2029	3.A FE	
..345397-C3-5	FORD MOTOR CREDIT COMPANY LLC		09/13/2023	FORT WASHINGTON		427,405	418,000	418,000	418,000							418,000			9,405	11/04/2027	3.A FE		
..345397-III-9	FORD MOTOR CREDIT COMPANY LLC		09/07/2023	FORT WASHINGTON		298,822	308,000	294,525	291,773				4,273		4,273	298,798			24	09/08/2024	3.A FE		
..346232-AF-8	FORESTAR GROUP INC		09/07/2023	FORT WASHINGTON		360,134	390,000	391,773	391,291				(253)		(253)	391,038		(30,904)	(30,904)	12,346	05/15/2026	3.C FE	
..34960P-AB-7	FORTRESS TRANSPORTATION AND INFRASTRU		09/07/2023	FORT WASHINGTON		446,734	454,000	460,225	460,225				(2,468)		(2,468)	451,200		(4,466)	(4,466)	21,891	10/01/2025	3.C FE	
..34960P-AD-3	FORTRESS TRANSPORTATION AND INFRASTRU		09/07/2023	FORT WASHINGTON		91,964	100,000	88,625	986				986		986	89,611		2,353	2,353	4,736	05/01/2028	3.C FE	
..34965K-AA-5	FORTREA HOLDINGS INC		09/13/2023	FORT WASHINGTON		201,401	207,000	205,045					19		19	205,064		(3,663)	(3,663)	3,364	07/01/2030	3.B FE	
..36168Q-AM-6	GFL ENVIRONMENTAL INC		09/08/2023	FORT WASHINGTON		177,674	200,000	200,000	200,000							200,000			(22,326)	(22,326)	7,214	09/01/2028	3.C FE
..36198E-AE-5	GSMS 2013-GC13 A5 - CMBS		07/12/2023	Paydown		5,358,798	5,358,798	5,519,442	5,397,153				(38,356)		(38,356)	5,358,798			126,503	07/12/2046	1.A		
..36228F-2Q-8	GSR 2004-6F 3A3 - CMO/RMBS		09/01/2023	Paydown		2,812	2,812	2,845	2,825				(12)		(12)	2,812			122	05/25/2034	1.A FM		
..36242D-BU-6	GSR 2004-9 5A7 - CMO/RMBS		09/01/2023	Paydown		12,679	12,679	11,687	12,683				(4)		(4)	12,679			252	08/25/2034	1.A FM		
..36258M-AE-4	GMICAR 2019-4 A4 - ABS		07/17/2023	Paydown		663,142	663,142	662,969	663,117				25		25	663,142			6,808	01/16/2025	1.A FE		
..36258W-AD-6	GMICAR 2020-2 A3 - ABS		09/16/2023	Paydown		252,153	252,153	256,273	253,269				(1,116)		(1,116)	252,153			2,501	12/16/2024	1.A FE		
..36259Q-AC-5	GMICAR 2020-3 A3 - ABS		09/16/2023	Paydown		508,969	508,969	508,853	508,941							508,969			1,524	04/16/2025	1.A FE		
..36476Q-AP-3	GAP INC		09/08/2023	FORT WASHINGTON		170,247	224,000	166,828					273		273	167,101		3,146	3,146	3,631	10/01/2029	4.A FE	
..36476Q-AQ-1	GAP INC		09/06/2023	FORT WASHINGTON		366,206	504,000	473,948	391,488				475		475	474,006		(107,800)	(107,800)	16,035	10/01/2031	4.A FE	
..370425-RZ-5	ALLY FINANCIAL INC		09/08/2023	FORT WASHINGTON		80,855	78,000	87,165	83,850				(345)		(345)	83,505		(2,650)	(2,650)	5,391	11/01/2031	2.C FE	
..37185L-AK-8	GENESIS ENERGY LP		09/07/2023	FORT WASHINGTON		181,898	188,000	188,000	188,000							188,000		(6,102)	(6,102)	9,661	05/15/2026	4.C FE	
..37185L-AN-2	GENESIS ENERGY LP		09/07/2023	FORT WASHINGTON		291,178	294,000	294,525					5		5	294,530		(3,353)	(3,353)	16,380	04/15/2030	4.C FE	
..37954F-AG-9	GLOBAL PARTNERS LP		09/07/2023	FORT WASHINGTON		72,720	74,000	74,000	74,000							74,000		(1,280)	(1,280)	5,756	08/01/2027	4.B FE	

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STATEMENT AS OF SEPTEMBER 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 Ident- ification	2 Description	3 For- eign	4 Disposal Date	5 Name of Purchaser	6 Number of Shares of Stock	7 Consid- eration	8 Par Value	9 Actual Cost	10 Prior Year Book/ Adjusted Carrying Value	Change In Book/Adjusted Carrying Value					16 Book/ Adjusted Carrying Value at Disposal Date	17 Foreign Exchange Gain (Loss) on Disposal	18 Realized Gain (Loss) on Disposal	19 Total Gain (Loss) on Disposal	20 Bond Interest/ Stock Dividends Received During Year	21 Stated Con- tractual Maturity Date	22 NAIC Desig- nation, NAIC Desig- nation Modifier and SVO Admini- strative Symbol
										11 Unrealized Valuation Increase/ (Decrease)	12 Current Year's (Amor- tization)/ Accretion	13 Current Year's Other Than Temporary Impairment Recogn- ized	14 Total Change in Book/ Adjusted Carrying Value (11 + 12 - 13)	15 Total Foreign Exchange Change in Book /Adjusted Carrying Value							
..37954F-AJ-3	GLOBAL PARTNERS LP		09/06/2023	FORT WASHINGTON		53,099	56,000	56,000	56,000					56,000		(2,901)	(2,901)	4,417	01/15/2029	4.B FE	
..380146-AC-4	GMICAR 2022-1 A3 - ABS		09/16/2023	Paydown		18,277	18,277	18,275	18,275		1		1	18,277			173	11/16/2026	1.A FE		
..38016L-AC-9	GO DADDY OPERATING COMPANY LLC		09/07/2023	FORT WASHINGTON		399,017	468,000	453,111	454,699		1,312		1,312	456,011		(56,994)	(56,994)	16,835	03/01/2029	3.C FE	
..380355-AD-9	GOEASY LTD		09/07/2023	FORT WASHINGTON		593,319	602,000	588,309	247,000		3,232		3,232	591,541		1,778	1,778	25,167	12/01/2024	3.C FE	
..380355-AF-4	GOEASY LTD		09/07/2023	FORT WASHINGTON		115,998	126,000	126,000	126,000					126,000		(10,002)	(10,002)	4,747	05/01/2026	3.C FE	
..389284-AA-8	GRAY TELEVISION INC		09/08/2023	FORT WASHINGTON		353,929	419,000	382,433	137,263		916		916	382,727		(28,798)	(28,798)	14,187	05/15/2027	4.B FE	
..389286-AA-3	GRAY ESCROW II INC		09/08/2023	FORT WASHINGTON		156,827	245,000	215,069	216,459		1,627		1,627	218,086		(61,259)	(61,259)	10,864	11/15/2031	4.B FE	
..39121J-AA-9	GREAT RIVER ENERGY - ABS		07/01/2023	Paydown		1,685,185	1,685,185	1,685,185	1,685,185					1,685,185			102,122	07/01/2026	1.G		
..39121J-AH-3	GREAT RIVER ENERGY		07/03/2023	Call @ 100.00		786,000	786,000	786,000	786,000					786,000			35,197	07/01/2030	1.G FE		
..39154T-BQ-0	GALC 2021-2 A3 - ABS		09/15/2023	Paydown		119,337	119,337	119,321	119,247		90		90	119,337			600	07/15/2025	1.A FE		
..39154T-BV-9	GALC 2021 A2 - ABS		09/15/2023	Paydown		548,939	548,939	548,921	548,923		15		15	548,939			19,085	05/15/2025	1.A FE		
..39808C-A*-6	GRIDIRON FUNDING LLC - ABS		09/11/2023	Call @ 100.00		73,275	73,275	73,275	73,275					73,275			2,070	06/30/2027	2.C PL		
..40390D-AC-9	HLF FINANCING SARL LLC		09/07/2023	FORT WASHINGTON		111,424	152,000	152,000	152,000					152,000		(40,576)	(40,576)	5,763	06/01/2029	4.A FE	
..404030-AJ-7	H&E EQUIPMENT SERVICES INC		09/07/2023	FORT WASHINGTON		320,915	371,000	367,023	367,822		328		328	368,150		(47,235)	(47,235)	10,622	12/15/2028	4.A FE	
..410345-AL-6	HANESBRANDS INC		09/07/2023	FORT WASHINGTON		357,197	384,000	353,371			4,142		4,142	357,512		(316)	(316)	12,662	05/15/2026	4.A FE	
..418751-AB-9	HAT HOLDINGS I LLC		09/07/2023	FORT WASHINGTON		693,708	707,000	689,310			3,591		3,591	692,901		807	807	28,004	04/15/2025	3.A FE	
..418751-AD-5	HAT HOLDINGS I LLC		09/07/2023	FORT WASHINGTON		363,153	461,000	369,343			410		410	369,753		(6,600)	(6,600)	1,249	09/15/2030	3.A FE	
..42704L-AA-2	HERC HOLDINGS INC		09/06/2023	FORT WASHINGTON		339,864	357,000	359,562	358,688		(231)		(231)	358,457		(18,593)	(18,593)	22,526	07/15/2027	4.A FE	
..42704M-AA-0	HERBALIFE LTD		09/07/2023	FORT WASHINGTON		87,237	91,000	91,000	91,000					91,000		(3,763)	(3,763)	7,365	09/01/2025	4.A FE	
..428102-AF-4	HESS MIDSTREAM OPERATIONS LP		09/07/2023	FORT WASHINGTON		114,175	123,000	123,000	123,000					123,000		(8,825)	(8,825)	6,126	10/15/2030	3.A FE	
..431318-AS-3	HILCORP ENERGY I LP		09/07/2023	FORT WASHINGTON		313,725	328,000	334,016	333,455		(384)		(384)	333,071		(19,346)	(19,346)	17,653	11/01/2028	3.C FE	
..431318-AU-8	HILCORP ENERGY I LP		09/07/2023	FORT WASHINGTON		219,704	236,000	239,363	238,709		(268)		(268)	238,442		(18,738)	(18,738)	15,078	02/01/2029	3.C FE	
..431318-AY-0	HILCORP ENERGY I LP		09/07/2023	FORT WASHINGTON		113,701	123,000	123,000	123,000					123,000		(9,299)	(9,299)	6,683	04/15/2030	3.C FE	
..435765-AJ-1	HOLLY ENERGY PARTNERS LP		09/07/2023	FORT WASHINGTON		218,992	220,000	219,440	164,000		9		9	219,449		(457)	(457)	10,915	04/15/2027	3.A FE	
..437300-AA-4	HPA 211 A - CMBS		09/01/2023	Paydown		155,676	155,676	140,217	126,789		15,047		15,047	155,676			1,588	09/19/2041	1.A FE		
..43730X-AB-0	HPA 2021-3 B - CMBS		09/01/2023	Paydown		38,401	38,401	35,146	31,456		3,143		3,143	38,401			575	01/18/2041	1.D FE		
..43811J-AC-1	HAROT 2021-2 A3 - ABS		09/15/2023	Paydown		978,721	978,721	950,773	112,668		27,945		27,945	978,721			957	08/15/2025	1.A FE		
..43813K-AC-6	HAROT 2020-3 A3 - ABS		09/18/2023	Paydown		1,937,283	1,937,283	1,942,656	1,938,715		(1,432)		(1,432)	1,937,283			4,762	10/18/2024	1.A FE		
..43815E-AC-8	HAROT 2021-3 A3 - ABS		09/18/2023	Paydown		354,428	354,428	354,423	354,426		2		2	354,428			966	11/18/2025	1.A FE		
..43815P-AB-5	HAROT 2022-2 A2 - ABS		09/18/2023	Paydown		314,908	314,908	314,894	314,898		10		10	314,908			7,991	03/18/2025	1.A FE		
..443201-AB-4	HOWMET AEROSPACE INC		09/07/2023	FORT WASHINGTON		49,502	58,000	58,000	58,000					58,000		(8,498)	(8,498)	2,011	01/15/2029	3.A FE	
..44891W-AC-3	HALST 2022-A A3 - ABS		09/15/2023	Paydown		243,335	243,335	234,571	237,011		6,324		6,324	243,335			1,986	01/15/2025	1.A FE		
..44933F-AC-0	HART 2020-B A3 - ABS		09/15/2023	Paydown		80,739	80,739	80,982	80,813		(74)		(74)	80,739			247	12/16/2024	1.A FE		
..44933F-AD-8	HART 2020-B A4 - ABS		09/15/2023	Paydown		60,677	60,677	61,018	60,785		(108)		(108)	60,677			282	12/15/2025	1.A FE		
..44935F-AD-6	HART 2021-C A3 - ABS		09/15/2023	Paydown		71,566	71,566	71,550	71,558		9		9	71,566			365	05/15/2026	1.A FE		
..44984W-AH-0	INEOS FINANCE PLC	C	09/07/2023	FORT WASHINGTON		377,120	400,000	399,000			147		147	399,147		(22,027)	(22,027)	15,375	05/15/2028	3.B FE	
..45082F-AA-0	IBERIA LINEAS AEREAS DE ESPANA - ABS	C	09/20/2023	Paydown		136,360	136,360	136,360	100,334					136,360			3,945	05/20/2033	1.F PL		
..451102-BW-6	ICAHN ENTERPRISES LP		09/07/2023	FORT WASHINGTON		108,106	112,000	106,931			992		992	107,923		183	183	9,154	09/15/2024	3.C FE	
..451102-BZ-9	ICAHN ENTERPRISES LP		09/07/2023	FORT WASHINGTON		311,565	357,000	369,289	366,168		(1,530)		(1,530)	364,638		(53,074)	(53,074)	15,411	05/15/2027	3.C FE	
..45258L-AA-5	IMOLA MERGER CORP		09/07/2023	FORT WASHINGTON		503,143	578,000	564,949	488,962		577		577	565,731		(62,588)	(62,588)	20,508	05/15/2029	3.C FE	
..45344L-AA-1	CRESCENT ENERGY FINANCE LLC		08/02/2023	FORT WASHINGTON		418,311	426,000	422,502	357,315		580		580	422,817		(4,506)	(4,506)	23,421	05/01/2026	3.C FE	
..45344L-AC-7	CRESCENT ENERGY FINANCE LLC		09/08/2023	FORT WASHINGTON		414,072	405,000	410,216			(81)		(81)	422,135		3,937	3,937	22,998	02/15/2028	3.C FE	
..457030-AK-0	INGLES MARKETS INC		09/08/2023	FORT WASHINGTON		196,357	237,000	238,050	237,913		(65)		(65)	237,848		(41,491)	(41,491)	7,031	06/15/2031	3.B FE	
..46132F-AB-6	INVESCO FINANCE PLC	C	09/07/2023	WELLS FARGO SEC		5,431,036	5,475,000	5,463,580	5,472,566		1,559		1,559	5,474,125		(43,089)	(43,089)	243,942	01/30/2024	2.A FE	
..46284V-AC-5	IRON MOUNTAIN INC		09/06/2023	FORT WASHINGTON		216,646	233,000	242,611	238,121		(1,298)		(1,298)	236,823			(20,177)	11,138	09/15/2027	3.C FE	
..46284V-AE-1	IRON MOUNTAIN INC		09/06/2023	FORT WASHINGTON		146,324	157,000	159,551	158,563		(183)		(183)	158,381		(12,057)	(12,057)	8,082	03/15/2028	3.C FE	

STATEMENT AS OF SEPTEMBER 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
..46284V-AF-8	IRON MOUNTAIN INC		09/07/2023	FORT WASHINGTON		339,319	383,000	370,298	371,328		1,005		1,005		372,332		(33,014)	(33,014)	18,464	09/15/2029	3.C FE
..46284V-AJ-0	IRON MOUNTAIN INC		09/07/2023	FORT WASHINGTON		284,213	321,000	321,000	321,000						321,000		(36,787)	(36,787)	19,474	07/15/2030	3.C FE
..46590M-AS-9	JPMCC 2016-JP2 ASB - CMBS		09/01/2023	Paydown		102,799	102,799	104,935	103,165		(366)		(366)		102,799				1,887	08/17/2049	1.A
..46590X-AL-0	JBS USA LUX SA		09/06/2023	FORT WASHINGTON		104,095	109,000	109,000	109,000						109,000		(4,905)	(4,905)	6,878	01/15/2030	2.C FE
..46591H-AW-0	CACLN 2020-2 C - ABS		09/25/2023	Paydown		120,403	120,403	120,403	120,403						120,403				681	02/25/2028	1.C FE
..46592X-AF-1	JPMIT 2021-13 A4 - CMO/RMBS		09/01/2023	Paydown		95,613	95,613	96,987	96,947		(1,334)		(1,334)		95,613				1,612	04/25/2052	1.A
..466247-L2-7	JPMIT 2006-A2 5A4 - CMO/RMBS		09/01/2023	Paydown		4,720	4,720	2,373	2,374		2,346		2,346		4,720				89	11/25/2033	1.A FM
..466313-A@-2	JABIL INC - ABS		07/14/2023	Maturity @ 100.00		13,000,000	13,000,000	13,000,000	13,000,000						13,000,000				637,000	07/14/2023	2.C
..46637T-AA-8	JPMCC 2012-WILDN A - CMBS		09/01/2023	Paydown		87,482	87,482	88,794	87,515		(33)		(33)		87,482				1,468	05/07/2030	2.B FM
..46641B-AE-3	JPMCC 2013-C16 ASB - CMBS		07/17/2023	Paydown		39,194	39,194	42,421	39,363		(169)		(169)		39,194				840	12/17/2046	1.A
..46644U-AZ-1	JPMBB 2015-C30 A4 - CMBS		07/01/2023	Paydown		592,006	592,006	597,925	593,158		(1,152)		(1,152)		592,006				7,286	07/17/2048	1.A
..46645L-AZ-0	JPMBB 2016-C1 ASB - CMBS		09/01/2023	Paydown		17,464	17,464	18,490	17,685		(221)		(221)		17,464				382	03/17/2049	1.A
..46648H-BB-8	JPMIT 2017-2 B4 - CMO/RMBS		09/01/2023	Paydown		33,545	33,545	34,719	34,490		(945)		(945)		33,545				530	05/28/2047	1.D FE
..47077H-AA-6	JANE STREET GROUP LLC		09/08/2023	FORT WASHINGTON		446,899	512,000	499,983	376,808		975		975		500,283		(53,383)	(53,383)	19,008	11/15/2029	3.B FE
..47216F-AA-5	JAZZ SECURITIES DAC	C	09/07/2023	FORT WASHINGTON		355,800	400,000	404,500	404,451		(33)		(33)		404,418		(49,338)	(49,338)	20,222	01/15/2029	3.B FE
..475795-AC-4	JELD-WEN INC		09/07/2023	Various		298,335	304,000	293,810			1,225		1,225		295,035		3,300	3,300	9,647	12/15/2025	4.B FE
..478375-AS-7	JOHNSON CONTROLS INTERNATIONAL PLC	C	08/22/2023	TENDER		174,908	189,000	200,079	198,793		(162)		(162)		198,631				(3,054)	09/14/2045	2.B FE
..48123V-AF-9	ZIFF DAVIS INC		09/07/2023	FORT WASHINGTON		179,951	209,000	209,000	209,000						209,000		(29,049)	(29,049)		10/15/2030	3.C FE
..48259*-AA-5	KEURIG DR PEPPER INC - ABS		09/15/2023	Paydown		51,594	51,594	51,594	51,594						51,594				1,073	12/31/2035	2.B PL
..48259B-AA-3	VEYRON/KDP BLUE STAR LEASING L - ABS		09/10/2023	Paydown		66,297	66,297	66,297	66,297						66,297				1,459	06/24/2027	2.B
..483007-AJ-9	KAISER ALUMINUM CORP		09/13/2023	FORT WASHINGTON		86,132	98,000	101,675	100,374		(713)		(713)		99,661		(13,528)	(13,528)	4,709	03/01/2028	3.C FE
..483007-AL-4	KAISER ALUMINUM CORP		09/08/2023	FORT WASHINGTON		205,667	257,000	257,000	257,000						257,000		(51,333)	(51,333)	9,027	06/01/2031	3.C FE
..48666K-AZ-2	KB HOME		09/07/2023	FORT WASHINGTON		154,938	185,000	188,100	187,689		(204)		(204)		187,485		(32,547)	(32,547)	5,468	06/15/2031	3.B FE
..49461M-AA-8	KINETIK HOLDINGS LP		09/08/2023	FORT WASHINGTON		335,626	350,000	349,119	349,174		63		63		349,237		(13,611)	(13,611)	15,251	06/15/2030	3.A FE
..50117H-AD-6	KCOT 2020-1 A4 - ABS		09/15/2023	Paydown		2,341,314	2,341,314	2,303,359	2,315,483		25,831		25,831		2,341,314				37,330	07/15/2026	1.A FE
..50247@-AA-4	LAS VEGAS RAIDERS ALLEGIANT ST - ABS		07/01/2023	Paydown		150,483	150,483	150,483	150,483						150,483				5,056	06/30/2045	2.A PL
..53219L-AV-1	LIFEPOINT HEALTH INC		09/07/2023	FORT WASHINGTON		223,584	229,000	229,000							229,000		(5,416)	(5,416)	1,696	08/15/2030	4.B FE
..55300R-AA-9	MGM CHINA HOLDINGS LTD	C	09/07/2023	FORT WASHINGTON		315,363	320,000	316,400			1,286		1,286		317,686		(2,323)	(2,323)	14,142	05/15/2024	4.A FE
..55300R-AE-1	MGM CHINA HOLDINGS LTD	C	09/06/2023	FORT WASHINGTON		192,020	200,000	198,500	198,918		288		288		199,206		(7,186)	(7,186)	7,583	06/18/2025	4.A FE
..55300R-AG-6	MGM CHINA HOLDINGS LTD	C	09/07/2023	FORT WASHINGTON		180,940	200,000	182,000			548		548		182,548		(1,608)	(1,608)	5,806	02/01/2027	4.A FE
..553514-AC-4	MSBAM 2012-CKSV A2 - CMBS		09/01/2023	Paydown		428,443	428,443	429,567	429,567		(1,124)		(1,124)		428,443				9,361	10/18/2030	1.A FM
..55916A-AA-2	MICHAELS COMPANIES INC		09/07/2023	FORT WASHINGTON		187,566	227,000	182,406	189,997		2,578		2,578		184,986		2,580	2,580	5,931	05/01/2028	4.C FE
..56540#-AA-3	MAPLELEAF MIDSTREAM - ABS		07/05/2023	Paydown		439,921	439,921	406,615	445,358		32,882	38,319	(5,437)		439,921				15,864	09/30/2025	3.B PL
..57763R-AB-3	MAUSER PACKAGING SOLUTIONS HOLDING CO		09/07/2023	FORT WASHINGTON		338,566	345,000	344,340			79		79		344,419		(5,854)	(5,854)	15,924	08/15/2026	4.B FE
..58502B-AE-6	PEDIATRIX MEDICAL GROUP INC		09/07/2023	FORT WASHINGTON		336,130	371,000	371,000	371,000						371,000		(34,870)	(34,870)	21,381	02/15/2030	3.C FE
..585525-BJ-6	MRFC 1998-2 B1 - CMO/RMBS		09/01/2023	Paydown		174	174	170	173		2		2		174				5	06/25/2028	1.A FM
..58769T-AE-5	MBART 2019-1 A4 - ABS		09/15/2023	Paydown		2,070,962	2,070,962	2,146,601	2,086,532		(15,570)		(15,570)		2,070,962				30,110	01/15/2026	1.A FE
..58772H-AC-7	MBART 2021-1 A3 - ABS		09/15/2023	Paydown		245,468	245,468	245,436	245,452		16		16		245,468				750	06/15/2026	1.A FE
..59001A-BD-3	MERITAGE HOMES CORP		09/07/2023	FORT WASHINGTON		346,073	398,000	351,616	354,616		3,947		3,947		358,562		(12,489)	(12,489)	13,966	04/15/2029	3.A FE
..595620-AK-1	MIDAMERICAN ENERGY CO		09/15/2023	Maturity @ 100.00		1,000,000	1,000,000	1,060,060	1,005,172		(5,172)		(5,172)		1,000,000				37,000	09/15/2023	1.E FE
..59565J-AA-9	MIDAS OPCO HOLDINGS LLC		09/07/2023	FORT WASHINGTON		514,615	606,000	602,726	570,736		(72)		(72)		602,392		(87,777)	(87,777)	35,509	08/15/2029	4.B FE
..60040#-AA-0	MILLENNIUM PIPELINE COMPANY - ABS		07/01/2023	Paydown															2,424	06/30/2027	1.G PL
..603051-AA-1	MINERAL RESOURCES LTD	C	09/07/2023	FORT WASHINGTON		128,692	129,000	143,835	135,122		(1,814)		(1,814)		133,308		(4,616)	(4,616)	9,026	05/01/2027	3.C FE
..603051-AC-7	MINERAL RESOURCES LTD	C	09/07/2023	FORT WASHINGTON		181,498	182,000	182,996	182,786		(109)		(109)		182,786				12,538	11/01/2027	3.C FE
..60855R-AL-4	MOLINA HEALTHCARE INC		09/07/2023	FORT WASHINGTON		309,143	379,000	378,954	378,958		3		3		378,960		(69,817)	(69,817)	12,075	05/15/2032	3.C FE
..615394-AM-5	MOOG INC		09/07/2023	FORT WASHINGTON		319,475	352,000	358,128	356,188		(540)		(540)		355,647		(36,172)	(36,172)	11,054	12/15/2027	3.C FE
..61691N-AD-7	MSC 2017-HR2 A3 - CMBS		09/01/2023	Paydown		2,729	2,729	2,756	2,739		(11)		(11)		2,729				61	12/16/2050	1.A

STATEMENT AS OF SEPTEMBER 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
..61766N-BA-2	MSBAM 2016-C30 A4 - CMBS		07/01/2023	Paydown		43,981	43,981	46,863	45,753		(1,773)		(1,773)		43,981				.667	09/17/2049	1.A
..62480B-AA-5	MRS GERRY'S KITC - ABS		08/03/2023	Call @ 100.00		567,391	567,391	567,391	567,391						567,391				38,606	01/02/2040	3.B GI
..62482B-AA-0	MEDLINE BORROWER LP		09/07/2023	FORT WASHINGTON		350,569	407,000	407,000	407,000						407,000		(56,431)	(56,431)	14,895	04/01/2029	4.A FE
..626717-AG-7	MURPHY OIL CORP		09/07/2023	FORT WASHINGTON		224,651	268,000	210,600	213,021		767		767		213,788		10,863	10,863	12,581	12/01/2042	3.A FE
..62877C-AA-1	NAC AVIATION 29 DAC - ABS	C	09/18/2023	Call @ 100.00		167,847	167,847	167,847	167,847						167,847				8,699	06/30/2026	4.B FE
..62886E-BA-5	NCR CORP		09/07/2023	FORT WASHINGTON		140,138	157,000	157,000	157,000						157,000		(16,862)	(16,862)	7,286	04/15/2029	4.A FE
..62957H-AJ-4	NABORS INDUSTRIES INC		09/07/2023	FORT WASHINGTON		251,354	257,000	253,391	253,449		470		470		253,919		(2,566)	(2,566)	15,584	05/15/2027	4.A FE
..63935B-AA-1	NAVSL 2020-H A - ABS		09/15/2023	Paydown		53,128	53,128	53,124	53,123		5		5		53,128				348	01/15/2069	1.A FE
..63938C-AB-4	NAVIENT CORP		09/07/2023	FORT WASHINGTON		350,824	357,000	339,763	351,049		2,188		2,188		353,237		(2,413)	(2,413)	18,410	10/25/2024	3.C FE
..63938C-AK-4	NAVIENT CORP		09/06/2023	FORT WASHINGTON		215,459	239,000	213,308	213,308		2,227		2,227		215,535		(76)	(76)	5,743	03/15/2027	3.C FE
..63942G-AA-1	NAVSL 2021-F A - ABS		09/15/2023	Paydown		48,537	48,537	48,528	48,528		8		8		48,537				267	02/18/2070	1.A FE
..63942J-AA-5	NAVSL 21C A - ABS		09/15/2023	Paydown		31,870	31,870	31,862	31,862		7		7		31,870				170	10/15/2069	1.A FE
..63942L-AA-0	NAVSL 21B A - ABS		09/15/2023	Paydown		68,673	68,673	68,670	68,668		4		4		68,673				322	07/15/2069	1.A FE
..63942M-AA-8	NAVSL 2022-A A3 - ABS		09/15/2023	Paydown		45,042	45,042	45,041	45,041		1		1		45,042				670	07/15/2070	1.A FE
..651229-BB-1	NEWELL BRANDS INC		09/07/2023	FORT WASHINGTON		217,643	225,000	215,658	215,658		1,157		1,157		216,815		828	828	3,047	06/01/2025	3.B FE
..651229-BC-9	NEWELL BRANDS INC		09/07/2023	FORT WASHINGTON		245,056	253,000	253,160	253,154		(18)		(18)		253,136		(8,081)	(8,081)	15,994	09/15/2027	3.B FE
..65336Y-AN-3	NEXSTAR MEDIA INC		09/08/2023	FORT WASHINGTON		174,335	207,000	179,055	179,055		304		304		179,359		(5,024)	(5,024)	3,578	11/01/2028	4.B FE
..654740-BS-7	NISSAN MOTOR ACCEPTANCE COMPANY LLC		09/07/2023	FORT WASHINGTON		13,000	11,552	11,278	11,293		341		341		11,634		(82)	(82)	261	03/09/2026	2.C FE
..65479M-AC-0	NAROT 2020-A A3 - ABS		09/15/2023	Paydown		268,796	268,796	271,631	270,080		(1,284)		(1,284)		268,796				2,465	12/16/2024	1.A FE
..65480C-AD-7	NISSAN MOTOR ACCEPTANCE COMPANY LLC		09/07/2023	FORT WASHINGTON		287,130	353,000	278,281	100,129		6,388		6,388		284,942		2,188	2,188	8,552	09/15/2028	2.C FE
..65480J-AB-6	NAROT 2022-B A2 - ABS		09/15/2023	Paydown		279,801	279,801	279,792	279,793		8		8		279,801				8,356	08/16/2025	1.A FE
..65505P-AA-5	NOBLE FINANCE 2 LLC		09/07/2023	FORT WASHINGTON		266,148	259,000	260,070	260,070		(49)		(49)		260,021		6,127	6,127	8,230	04/15/2030	3.C FE
..670001-AE-6	NOVELIS CORP		09/08/2023	FORT WASHINGTON		13,373	15,000	15,843	15,618		(86)		(86)		15,532		(2,159)	(2,159)	796	01/30/2030	3.C FE
..670001-AG-1	NOVELIS CORP		09/07/2023	FORT WASHINGTON		174,741	195,000	195,000	195,000						195,000		(20,259)	(20,259)	5,211	11/15/2026	3.C FE
..67059T-AE-5	MUSTAR LOGISTICS LP		09/13/2023	FORT WASHINGTON		280,575	290,000	300,150	296,319		(999)		(999)		295,320		(14,745)	(14,745)	14,364	04/28/2027	3.C FE
..67059T-AF-2	MUSTAR LOGISTICS LP		09/07/2023	FORT WASHINGTON		171,941	176,000	176,000	176,000						176,000		(4,059)	(4,059)	8,213	06/01/2026	3.C FE
..674599-DH-5	OCCIDENTAL PETROLEUM CORP		09/07/2023	FORT WASHINGTON		181,586	164,000	178,555	178,522		(337)		(337)		178,185		3,401	3,401	9,634	06/15/2039	2.C FE
..682691-AA-8	ONEMAIN FINANCE CORP		09/07/2023	FORT WASHINGTON		99,138	130,000	130,000	130,000						130,000		(30,862)	(30,862)	5,142	09/15/2030	3.B FE
..682691-AC-4	ONEMAIN FINANCE CORP		09/07/2023	FORT WASHINGTON		149,014	184,000	184,000	184,000						184,000		(34,986)	(34,986)	7,051	09/15/2028	3.B FE
..682695-AA-9	ONEMAIN FINANCE CORP		09/07/2023	FORT WASHINGTON		321,305	321,000	321,000	321,000						321,000		305	305	6,340	01/15/2029	3.B FE
..683715-AC-0	OPEN TEXT CORP		09/07/2023	FORT WASHINGTON		257,349	291,000	291,000	291,000						291,000		(33,651)	(33,651)	12,091	02/15/2028	3.C FE
..683715-AD-8	OPEN TEXT CORP		09/13/2023	FORT WASHINGTON		208,712	248,000	248,000	248,000						248,000		(39,288)	(39,288)	7,581	12/01/2029	3.C FE
..683715-AF-3	OPEN TEXT CORP		09/07/2023	FORT WASHINGTON		136,701	135,000	135,000	135,000						135,000		1,701	1,701	7,245	12/01/2027	2.C FE
..68404L-AA-0	PENNYMAC CARE HEALTH INC		09/08/2023	FORT WASHINGTON		250,289	285,000	285,610	285,520		(46)		(46)		285,474		(35,185)	(35,185)	10,789	10/31/2029	4.B FE
..69007T-AE-4	OUTFRONT MEDIA CAPITAL LLC		09/07/2023	FORT WASHINGTON		326,994	404,000	343,693	345,029		5,589		5,589		350,618		(23,625)	(23,625)	19,841	01/15/2029	4.B FE
..69327R-AJ-0	PDC ENERGY INC		08/04/2023	FORT WASHINGTON		130,488	130,000	130,000	130,000						130,000		488	488	5,461	05/15/2026	3.C FE
..69349L-AM-0	PNC BANK NA		07/25/2023	Maturity @ 100.00		6,000,000	6,000,000	5,983,200	5,998,901		1,099		1,099		6,000,000				228,000	07/25/2023	1.G FE
..69354N-AC-0	PRA GROUP INC		09/07/2023	FORT WASHINGTON		472,954	483,000	472,042	472,042		862		862		472,905		49	49	27,023	09/01/2025	3.B FE
..69354N-AE-6	PRA GROUP INC		09/07/2023	FORT WASHINGTON		82,101	90,000	90,000	90,000						90,000		(7,899)	(7,899)	4,502	02/01/2028	3.B FE
..69359Y-AJ-6	PMTLT 2021-INV1 A9 - CMO/RMBS		09/01/2023	Paydown		81,953	81,953	83,490	83,381		(1,428)		(1,428)		81,953				1,339	07/25/2051	1.A
..69371V-AM-9	PSMC 2018-1 A12 - CMO/RMBS		09/01/2023	Paydown		3,333	3,333	3,214	3,310		23		23		3,333				70	02/25/2048	1.A
..70137W-AG-3	PARKLAND CORP		09/07/2023	FORT WASHINGTON		477,684	546,000	550,994	550,161		(374)		(374)		549,787		(72,103)	(72,103)	23,205	10/01/2029	3.B FE
..70932M-AA-5	PENNYMAC FINANCIAL SERVICES INC		09/08/2023	FORT WASHINGTON		148,048	154,000	154,000	154,000						154,000		(5,952)	(5,952)	7,519	10/15/2025	3.C FE
..70932M-AB-3	PENNYMAC FINANCIAL SERVICES INC		09/07/2023	FORT WASHINGTON		43,581	53,000	53,000	53,000						53,000		(9,419)	(9,419)	2,415	02/15/2029	3.C FE
..70932M-AC-1	PENNYMAC FINANCIAL SERVICES INC		09/07/2023	FORT WASHINGTON		95,296	114,000	114,000	114,000						114,000		(18,704)	(18,704)	6,482	09/15/2031	3.C FE
..71710T-AA-6	PCG 2021-A A1 - ABS		07/15/2023	Paydown		79,434	79,434	79,433	79,434						79,434				580	07/15/2031	1.A FE

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STATEMENT AS OF SEPTEMBER 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
..72147K-AK-4	PILGRIMS PRIDE CORP		09/13/2023	FORT WASHINGTON		437,902	452,000	449,143			149		149		449,292		(11,390)	(11,390)	11,457	07/01/2033	2.C FE
..730481-AJ-7	J B POINDEXTER & CO INC		09/07/2023	FORT WASHINGTON		397,119	409,000	415,281	312,185	(1,774)			(1,774)		407,497		(10,378)	(10,378)	22,791	04/15/2026	4.B FE
..737446-AQ-7	POST HOLDINGS INC		09/07/2023	FORT WASHINGTON		219,063	250,000	254,785	253,433	(418)			(418)		253,016		(33,953)	(33,953)	10,470	04/15/2030	4.B FE
..740212-AL-9	PRECISION DRILLING CORP		09/07/2023	FORT WASHINGTON		98,190	99,000	98,010		81			81		98,091		99	99	4,624	01/15/2026	4.A FE
..740212-AM-7	PRECISION DRILLING CORP		09/08/2023	FORT WASHINGTON		366,569	379,000	366,704	367,414	1,050			1,050		368,464		(1,895)	(1,895)	30,182	01/15/2029	4.A FE
..74166M-AC-0	PRIME SECURITY SERVICES BORROWER LLC		09/07/2023	FORT WASHINGTON		574,354	589,000	598,942	594,959	(1,160)			(1,160)		593,799		(19,465)	(19,465)	33,491	04/15/2026	3.C FE
..74168L-AA-4	PRIMO WATER HOLDINGS INC		09/07/2023	FORT WASHINGTON		371,451	426,000	426,000	426,000						426,000		(54,549)	(54,549)	16,101	04/30/2029	4.A FE
..742718-EB-1	PROCTER & GAMBLE CO		08/15/2023	Maturity @ 100.00		2,000,000	2,000,000	2,000,440	2,000,047	(47)			(47)		2,000,000				62,000	08/15/2023	1.D FE
..74332X-AA-9	PROG 22SFR4 A - RMBS		07/17/2023	Paydown		2,440	2,440	2,439	2,439						2,440				63	05/17/2041	1.A FE
..74332Y-AA-7	PROG 22SFR5 A - RMBS		09/17/2023	Paydown		4,505	4,505	4,461	4,464						4,505				150	06/17/2039	1.A FE
..74333C-AA-4	PROG 22SFR7 A - RMBS		09/01/2023	Paydown		16,699	16,699	16,516	16,522	177			177		16,699				595	10/25/2039	1.A FE
..74334D-AA-1	PROG 22SFR6 A - RMBS		07/19/2023	Paydown		4,354	4,354	4,354	4,354						4,354				113	07/19/2039	1.A FE
..74338*-AA-6	AMAZON.COM INC - ABS		09/15/2023	Paydown		175,906	175,906	175,906	175,906						175,906				4,732	11/15/2026	1.D
..74352*-AA-7	AMAZON.COM INC - ABS		09/10/2023	Paydown		31,205	31,205	31,205	31,205						31,205				692	11/10/2040	1.E
..743815-AE-2	MODIVCARE INC		09/07/2023	FORT WASHINGTON		350,191	373,000	374,926	292,824	(381)			(381)		371,984		(21,793)	(21,793)	15,550	11/15/2025	4.C FE
..74434U-CQ-5	PRUDENTIAL HOME MORTGAGE SECURITIES		09/01/2023	Paydown		10	10	9	10						10					04/28/2024	1.A FM
..74434U-CR-3	PRUDENTIAL HOME MORTGAGE SECURITIES		09/01/2023	Paydown		34	34	29	33			2			34				1	04/28/2024	1.A FM
..746246-AA-5	PUREW 221 A1 - ABS		09/05/2023	Paydown		1,200,363	1,200,364	1,200,364	1,200,364						1,200,363				46,460	12/05/2037	1.G FE
..747262-AY-9	QVC INC		09/06/2023	FORT WASHINGTON		179,828	277,000	278,150	277,702	(115)			(115)		13,998		(97,759)	(97,759)	13,998	02/15/2027	4.B FE
..747262-AZ-6	QVC INC		09/08/2023	FORT WASHINGTON		128,238	232,000	232,000	232,000						232,000		(103,762)	(103,762)	10,460	09/01/2028	4.B FE
..74841C-AB-7	ROCKET MORTGAGE LLC		08/23/2023	FORT WASHINGTON		148,718	185,000	185,000	185,000						185,000		(36,283)	(36,283)	7,040	03/01/2031	3.A FE
..749571-AF-2	RHP HOTEL PROPERTIES LP		09/07/2023	FORT WASHINGTON		225,236	244,000	224,760		1,746			1,746		226,506		(1,270)	(1,270)	10,495	10/15/2027	4.A FE
..749571-AJ-4	RHP HOTEL PROPERTIES LP		09/07/2023	FORT WASHINGTON		45,973	46,000	46,000							46,000		(27)	(27)	732	07/15/2028	4.A FE
..759351-AL-3	REINSURANCE GROUP OF AMERICA INC		09/15/2023	Maturity @ 100.00		2,000,000	2,000,000	2,176,860	2,033,952	(33,952)			(33,952)		2,000,000				94,000	09/15/2023	2.A FE
..76174L-AA-1	PACTIV EVERGREEN GROUP ISSUER LLC		09/06/2023	FORT WASHINGTON		243,138	272,000	268,331	269,159	372			372		269,531		(26,393)	(26,393)	9,762	10/15/2027	4.A FE
..77313L-AA-1	ROCKET MORTGAGE LLC		09/07/2023	FORT WASHINGTON		206,510	233,000	233,000	233,000						233,000		(26,490)	(26,490)	6,066	10/15/2026	3.A FE
..77340R-AR-8	ROCKIES EXPRESS PIPELINE LLC		09/08/2023	FORT WASHINGTON		130,129	142,000	145,262	144,759	(268)			(268)		144,490		(14,362)	(14,362)	8,142	07/15/2029	3.A FE
..77340R-AT-4	ROCKIES EXPRESS PIPELINE LLC		09/06/2023	FORT WASHINGTON		39,273	45,000	38,531	38,784	451			451		39,235		38	38	1,758	05/15/2030	3.A FE
..775631-AD-6	ROLLER BEARING COMPANY OF AMERICA INC		09/08/2023	FORT WASHINGTON		248,469	281,000	251,495		531			531		252,026		(3,557)	(3,557)	5,020	10/15/2029	4.B FE
..780153-AG-7	ROYAL CARIBBEAN CRUISES LTD		09/08/2023	FORT WASHINGTON		64,611	64,000	63,520	63,647						63,691		920	920	4,360	10/15/2027	4.C FE
..780153-BJ-0	ROYAL CARIBBEAN CRUISES LTD		09/06/2023	FORT WASHINGTON		106,854	112,000	105,980		512			512		106,492		362	362	3,217	08/31/2026	4.C FE
..780153-BK-7	ROYAL CARIBBEAN CRUISES LTD		09/07/2023	FORT WASHINGTON		84,422	90,000	90,000	90,000						90,000		(5,578)	(5,578)	5,590	07/15/2027	4.C FE
..780153-BL-5	ROYAL CARIBBEAN CRUISES LTD		09/07/2023	FORT WASHINGTON		569,431	524,000	530,428	530,413	(703)			(703)		529,709		39,721	39,721	64,807	08/15/2027	4.C FE
..780153-BR-2	ROYAL CARIBBEAN CRUISES LTD		09/07/2023	FORT WASHINGTON		47,733	45,000	45,000	45,000						45,000		2,733	2,733	3,873	01/15/2029	4.B FE
..780153-BS-0	ROYAL CARIBBEAN CRUISES LTD		09/07/2023	FORT WASHINGTON		86,404	83,000	83,000	83,000						83,000		3,404	3,404	6,372	01/15/2029	3.C FE
..780153-BT-8	ROYAL CARIBBEAN CRUISES LTD		09/07/2023	FORT WASHINGTON		10,072	10,000	10,000							10,000		72	72	419	01/15/2030	4.B FE
..78397K-AA-0	SEG HOLDING LLC		09/07/2023	FORT WASHINGTON		268,575	274,000	259,046	33,546	1,099			1,099		260,391		8,183	8,183	11,763	10/15/2028	4.A FE
..78466C-AC-0	SS&C TECHNOLOGIES INC		09/08/2023	FORT WASHINGTON		172,030	180,000	171,103	171,568	1,075			1,075		172,643		(613)	(613)	9,405	09/30/2027	4.B FE
..78471C-AB-5	SOFI 2017-D 2FX - ABS		09/25/2023	Paydown		20,918	20,918	21,216	21,200	(282)			(282)		20,918				280	09/25/2040	1.A FE
..78471H-AB-4	SOFI 2019-A A2X - ABS		09/15/2023	Paydown		61,810	61,810	61,804	61,804	6			6		61,810				1,522	06/15/2048	1.A FE
..80007R-AE-5	SANDS CHINA LTD		09/07/2023	FORT WASHINGTON		638,152	675,000	578,905	581,655	9,133			9,133		590,788		47,364	47,364	43,321	08/08/2028	2.C FE
..80007R-AF-2	SANDS CHINA LTD		09/07/2023	FORT WASHINGTON		193,340	200,000	168,000	172,582	6,544			6,544		179,126		14,214	14,214	12,235	08/08/2025	2.C FE
..80007R-AL-9	SANDS CHINA LTD		09/06/2023	FORT WASHINGTON		178,806	204,000	181,560		314			314		181,874		(3,068)	(3,068)	2,210	06/18/2030	2.C FE
..802830-AN-9	SCART 2020-B B - ABS		09/15/2023	Paydown		92,001	92,001	88,680	89,165	2,836			2,836		92,001				471	12/15/2025	1.A FE
..80290C-AE-4	SBCLN 2021-1 B - ABS		09/15/2023	Paydown		113,892	113,892	113,892	113,892						113,892				1,039	12/15/2031	2.B FE
..80290C-BD-5	SBCLN 22B A2 - ABS		09/15/2023	Paydown		326,068	326,068	326,068	326,068						326,068				12,111	08/16/2032	1.A FE

STATEMENT AS OF SEPTEMBER 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
..81104P-AA-7	E W SCRIPPS CO		09/13/2023	FORT WASHINGTON		306,653	380,000	300,917					2,640		303,557		3,095	3,095	7,235	07/15/2027	4.A FE
..81180W-BH-3	SEAGATE HDD CAYMAN C.		09/08/2023	FORT WASHINGTON		264,922	254,000	256,392			(74)		(74)		256,318		8,604	8,604	5,937	12/15/2029	3.B FE
..81744Y-AH-9	SEMT 2013-4 B3 - CMO/RMBS		09/01/2023	Paydown		33,321	34,026	33,969	33,969		(648)		(648)		33,321				699	04/27/2043	1.A
..81745A-AG-2	SEMT 2013-5 B3 - CMO/RMBS		09/01/2023	Paydown		9,259	9,259	9,449	9,434		(175)		(175)		9,259				135	05/25/2043	1.A
..81746L-CB-6	SEMT 2015-3 B1 - CMO/RMBS		09/01/2023	Paydown		4,673	4,673	4,788	4,726		(53)		(53)		4,673				116	07/25/2045	1.A
..81746M-CC-2	SEMT 2015-4 B2 - CMO/RMBS		09/01/2023	Paydown		53,374	53,374	52,507	39,476		458		458		53,374				258	11/25/2030	1.A
..81746T-CD-5	SEMT 2017-1 B3 - CMO/RMBS		09/01/2023	Paydown		9,690	9,690	10,041	10,014		(324)		(324)		9,690				145	02/25/2047	1.A
..82280R-CE-7	SCOT 2017-1 B4 - CMO/RMBS		09/01/2023	Paydown		3,683	3,683	3,766	3,744		(61)		(61)		3,683				52	04/25/2047	2.C FE
..82436@-AA-8	SHERWIN-WILLIAMS CO/THE - ABS		09/15/2023	Paydown		123,427	123,427	123,427	112,415						123,427				3,981	06/15/2038	2.B
..82873M-AA-1	SIMMONS FOODS INC		09/07/2023	FORT WASHINGTON		56,061	68,000	54,373			124		124		54,497		1,564	1,564	1,660	03/01/2029	4.C FE
..82922T-AA-7	SINAI HEALTH SYSTEM		07/01/2023	Call @ 100.00		55,000	55,000	55,000	55,000						55,000				25	01/20/2036	1.B FE
..82967N-BJ-6	SIRIUS XM RADIO INC		09/07/2023	FORT WASHINGTON		540,055	630,000	543,507			2,687		2,687		546,194		(6,139)	(6,139)	12,400	07/15/2028	3.C FE
..82967N-BL-1	SIRIUS XM RADIO INC		07/10/2023	FORT WASHINGTON		897	1,000	873			11		11		883		14	14	11	09/01/2026	3.C FE
..830867-AA-5	SKYMILES IP LTD		07/13/2023	Call @ 100.00		168,000	168,000	168,000	168,000						168,000				4,313	10/20/2025	2.B FE
..83390U-AF-4	SOFI 2020-C AFX - ABS		09/15/2023	Paydown		21,193	21,193	21,189	21,189		4		4		21,193				207	02/15/2046	1.A FE
..83401B-AB-2	SOFI 2017-F A2F - ABS		09/25/2023	Paydown		58,522	58,522	58,684	58,599		(77)		(77)		58,522				1,103	01/25/2041	1.A FE
..83404F-AD-6	SOFI 2017-A B - ABS		09/25/2023	Paydown		176,106	176,106	168,952	173,084		3,022		3,022		176,106				3,999	03/26/2040	1.B FE
..83404W-AB-3	SOFI 2019-B A2X - ABS		09/15/2023	Paydown		128,504	128,504	128,496	128,498		5		5		128,504				2,646	08/17/2048	1.A FE
..83405N-AA-4	SOFI 21B AFX - ABS		09/15/2023	Paydown		166,109	166,109	166,088	166,089		20		20		166,109				1,259	02/15/2047	1.A FE
..83406T-AB-8	SOFI 2020-A A2X - ABS		09/15/2023	Paydown		95,340	95,340	95,294	95,308		32		32		95,340				1,408	05/15/2046	1.A FE
..83851@-AA-6	SOUTH JERSEY INDUSTRIES INC		09/06/2023	FORT WASHINGTON		560,042	734,000	588,777			5,661		5,661		594,438		(34,396)	(34,396)	27,462	04/15/2031	3.A FE
..84611@-AF-8	LIFE STORAGE INC - ABS		07/20/2023	TENDER		8,500,000	8,500,000	8,500,000	8,500,000						8,500,000				311,083	07/21/2028	2.B
..84779M-AA-2	SPEEDWAY MOTORSPORTS LLC		09/13/2023	FORT WASHINGTON		671,683	734,000	691,488	439,430		4,487		4,487		697,025		(25,341)	(25,341)	31,210	11/01/2027	4.B FE
..85172F-AM-1	ONEMAIN FINANCE CORP		09/07/2023	FORT WASHINGTON		91,089	92,000	88,302			783		783		89,084		2,005	2,005	3,092	03/15/2025	3.B FE
..85172F-AN-9	ONEMAIN FINANCE CORP		09/07/2023	FORT WASHINGTON		48,056	49,000	49,000	49,000						49,000		(944)	(944)	3,452	03/15/2026	3.B FE
..85172F-AQ-2	ONEMAIN FINANCE CORP		09/07/2023	FORT WASHINGTON		180,511	193,000	178,405	182,438		1,211		1,211		183,649		(3,138)	(3,138)	14,775	01/15/2028	3.B FE
..85205T-AL-4	SPIRIT AEROSYSTEMS INC		08/11/2023	FORT WASHINGTON		167,450	170,000	169,575			87		87		169,662		(2,212)	(2,212)	10,606	04/15/2025	4.C FE
..852060-AD-4	SPRINT CAPITAL CORP		08/03/2023	FORT WASHINGTON		238,139	227,000	233,305	231,374		(391)		(391)		230,983		7,156	7,156	11,585	11/15/2028	2.B FE
..853496-AC-1	STANDARD BUILDING SOLUTIONS INC		09/07/2023	FORT WASHINGTON		101,865	108,000	109,070	108,615		(235)		(235)		108,380		(6,516)	(6,516)	5,790	02/15/2027	3.B FE
..853496-AH-0	STANDARD BUILDING SOLUTIONS INC		09/06/2023	FORT WASHINGTON		170,685	216,000	216,000	216,000						216,000		(45,315)	(45,315)	8,363	01/15/2031	3.B FE
..857691-AH-2	STATION CASINOS LLC		09/07/2023	FORT WASHINGTON		216,879	264,000	263,370	263,427		37		37		263,463		(46,585)	(46,585)	9,497	12/01/2031	4.C FE
..858912-AG-3	STERICYCLE INC		09/07/2023	FORT WASHINGTON		277,923	320,000	312,505	313,359		676		676		314,036		(36,113)	(36,113)	14,329	01/15/2029	3.C FE
..86359A-K4-4	SASC 2003-25XS A6 - RMBS		09/01/2023	Paydown		709	709	708	439		270		270		709				18	08/25/2033	1.A FM
..86745G-AF-0	SUNNOVA ENERGY CORP		09/08/2023	FORT WASHINGTON		505,413	574,000	503,013			6,960		6,960		509,973		(4,560)	(4,560)	18,215	09/01/2026	4.B FE
..87422V-AK-4	TALEN ENERGY SUPPLY LLC		09/07/2023	FORT WASHINGTON		532,706	517,000	526,965			(279)		(279)		526,686		6,021	6,021	14,740	06/01/2030	3.B FE
..87470L-AD-3	TALLGRASS ENERGY PARTNERS LP		09/07/2023	FORT WASHINGTON		89,502	97,000	97,000	97,000						97,000		(7,498)	(7,498)	6,165	01/15/2028	3.C FE
..87470L-AJ-0	TALLGRASS ENERGY PARTNERS LP		09/07/2023	FORT WASHINGTON		144,944	163,000	163,000	163,000						163,000		(18,056)	(18,056)	11,709	12/31/2030	3.C FE
..877249-AD-4	TAYLOR MORRISON COMMUNITIES INC		07/25/2023	FORT WASHINGTON		17,910	18,000	17,550	17,895		50		50		17,945		(35)	(35)	917	03/01/2024	3.B FE
..877249-AJ-1	TAYLOR MORRISON COMMUNITIES INC		09/07/2023	FORT WASHINGTON		129,987	143,000	142,106	142,182		62		62		142,244		(12,257)	(12,257)	8,143	08/01/2030	3.B FE
..88033G-DK-3	TENET HEALTHCARE CORP		09/07/2023	FORT WASHINGTON		353,906	373,000	356,681			701		701		357,383		(3,476)	(3,476)	10,154	10/01/2028	4.C FE
..88033G-DS-6	TENET HEALTHCARE CORP		09/07/2023	FORT WASHINGTON		349,555	358,000	353,205	84,000		521		521		353,726		(4,171)	(4,171)	16,299	02/01/2027	4.A FE
..88089J-A*-8	TERRA ABS I LLC - ABS		09/20/2023	Paydown		1,561,003	1,561,003	1,561,003	1,561,003						1,561,003				87,194	12/20/2042	1.G FE
..88104L-AG-8	TERRAFORM POWER OPERATING LLC		09/07/2023	FORT WASHINGTON		387,296	451,000	439,168	361,000		724		724		439,892		(52,596)	(52,596)	22,617	01/15/2030	3.C FE
..88167A-AE-1	TEVA PHARMACEUTICAL FINANCE		09/13/2023	FORT WASHINGTON		306,518	342,000	329,311	333,381		1,523		1,523		334,904		(28,387)	(28,387)	10,294	10/01/2026	3.C FE
..885160-AA-9	THOR INDUSTRIES INC		09/07/2023	FORT WASHINGTON		213,300	256,000	255,838	255,859		13		13		255,872		(42,542)	(42,542)	9,273	10/15/2029	4.A FE
..88579Y-AR-2	3M CO		07/26/2023	WELLS FARGO SEC		6,133,456	6,440,000	6,170,243	6,593,213		(33,047)		(33,047)		6,560,166		(426,710)	(426,710)	188,370	08/07/2025	1.F FE

STATEMENT AS OF SEPTEMBER 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
..88579Y-BD-2	3M CO		07/28/2023	Various		10,331,890	12,000,000	11,857,320	11,869,390		1,683		1,683		11,871,073		(1,539,183)	(1,539,183)	421,000	09/14/2048	1.F FE
..89147L-E8-5	TORTOISE ENERGY INFRASTRUCTURE - ABS		09/27/2023	Maturity @ 100.00		661,467	661,467	661,467	661,467						661,467				29,038	09/27/2023	1.A FE
..89153U-AF-8	TOTALENERGIES CAPITAL CANADA LTD	C.....	07/15/2023	Maturity @ 100.00		14,000,000	14,000,000	13,974,660	13,998,536		1,464		1,464		14,000,000				385,000	07/15/2023	1.E FE
..89175T-AA-6	TPMT 2018-4 A1 - CMO/RMBS		09/01/2023	Paydown		36,275	36,275	35,407	35,689		586		586		36,275				734	06/25/2058	1.A
..89236T-HA-6	TOYOTA MOTOR CREDIT CORP		08/25/2023	Maturity @ 100.00		5,900,000	5,900,000	6,049,978	5,938,115		(38,115)		(38,115)		5,900,000				79,650	08/25/2023	1.E FE
..89236X-AC-0	TAOT 2020-D A3 - ABS		09/15/2023	Paydown		436,927	436,927	437,517	437,069		(141)		(141)		436,927				1,017	01/15/2025	1.A FE
..89238E-AC-0	TLOT 2021-A A3 - ABS		08/21/2023	Paydown		260,480	260,480	260,938	250,197		10,283		10,283		260,480				604	04/22/2024	1.A FE
..89238J-AB-1	TAOT 2021-D A2 - ABS		07/17/2023	Paydown		31,226	31,226	31,167	31,210		16		16		31,226				56	08/15/2024	1.A FE
..89239C-AC-3	TLOT 21B A3 - ABS		09/20/2023	Paydown		2,476,642	2,476,642	2,467,354	2,473,680		2,962		2,962		2,476,642				6,921	10/21/2024	1.A FE
..89239K-AC-5	TAOT 2022-A A3 - ABS		09/15/2023	Paydown		24,932	24,932	24,928	24,930		3		3		24,932				230	06/15/2026	1.A FE
..893647-BE-6	TRANSIGM INC		09/07/2023	FORT WASHINGTON		524,203	531,000	535,463	249,208		(1,953)		(1,953)		530,752		(6,549)	(6,549)	23,881	03/15/2026	4.A FE
..896522-AJ-8	TRINITY INDUSTRIES INC		09/08/2023	FORT WASHINGTON		395,644	388,000	391,300	391,300		(54)		(54)		391,246		4,398	4,398	6,014	07/15/2028	3.B FE
..89686Q-AA-4	TRIVIMUM PACKAGING FINANCE BV	C.....	09/07/2023	FORT WASHINGTON		187,002	200,000	212,750	204,472		(1,921)		(1,921)		202,550		(15,548)	(15,548)	11,794	08/15/2026	4.B FE
..90041L-AF-2	TURNING POINT BRANDS INC		09/06/2023	FORT WASHINGTON		305,771	328,000	339,480	337,403		(2,765)		(2,765)		334,639		(28,867)	(28,867)	19,629	02/15/2026	3.C FE
..90346W-AA-1	AMERICAN AIRLINES 2013-1 PASS THROUGH		09/07/2023	FORT WASHINGTON		477,959	508,429	469,951	252,455		5,684		5,684		475,710		2,249	2,249	16,513	05/15/2027	2.A FE
..90931B-AA-5	UNITED AIRLINES 2018-1AA PASS THROUGH		09/01/2023	Paydown		131,199	131,199	111,768	111,966		19,233		19,233		131,199				4,592	09/01/2031	1.F FE
..909319-AA-3	UNITED AIRLINES PASS THROUGH TRUST		08/15/2023	Paydown		167,022	167,022	167,022	167,026		(5)		(5)		167,022				7,182	02/15/2027	2.C FE
..90932L-AH-0	UNITED AIRLINES INC		09/06/2023	FORT WASHINGTON		163,773	185,000	174,065	175,049		918		918		175,967		(12,193)	(12,193)	7,677	04/15/2029	3.B FE
..90932N-AA-1	UNITED AIRLINES CLASS B PASS THROUGH		09/01/2023	Paydown		274,148	274,148	274,148	274,159		(12)		(12)		274,148				12,611	09/01/2027	3.A FE
..90932Q-AA-4	UNITED AIRLINES 2014-2 PASS THROUGH		09/03/2023	Paydown		190,789	190,789	190,789	190,795		(6)		(6)		190,789				7,155	03/03/2028	1.F FE
..90932V-AA-3	UNITED AIRLINES PASS THROUGH		07/15/2023	Paydown		142,450	142,450	142,450	142,450						142,450				4,833	07/15/2027	2.B FE
..90933H-AA-3	UNITED AIRLINES CLASS B PASS THROUGH		07/07/2023	Paydown		171,296	171,296	171,296	171,297		(1)		(1)		171,296				6,252	07/07/2027	3.B FE
..911365-BF-0	UNITED RENTALS (NORTH AMERICA) INC		08/11/2023	FORT WASHINGTON		314,639	321,000	314,580	314,580		584		584		315,164		(525)	(525)	8,799	05/15/2027	3.A FE
..914906-AY-8	VIRVISION COMMUNICATIONS INC		08/16/2023	FORT WASHINGTON		184,000	184,000	184,000	184,000						184,000				450	08/15/2028	4.A FE
..91838P-AA-9	VT TOPCO INC		09/07/2023	FORT WASHINGTON		115,000	115,000	115,000	115,000						115,000				842	08/15/2030	4.B FE
..91845F-AA-2	VERIZON COMMUNICATIONS INC - ABS		09/15/2023	Paydown		50,182	50,182	50,182	50,182						50,182				1,276	05/15/2035	2.A
..92328M-AE-3	VENTURE GLOBAL CALCASIEU PASS LLC		09/06/2023	FORT WASHINGTON		203,263	210,000	210,000	210,000						210,000		(6,737)	(6,737)	8,568	01/15/2030	3.B FE
..92343V-CV-4	VERIZON COMMUNICATIONS INC		08/09/2023	TENDER		1,781,840	2,000,000	2,096,440	2,072,796		(2,632)		(2,632)		2,070,163		(3)	(3)	(197,184)	01/15/2036	2.A FE
..923725-AD-7	VERMILLION ENERGY INC		09/07/2023	FORT WASHINGTON		327,158	344,000	334,261	334,510		687		687		335,197		(8,039)	(8,039)	20,365	05/01/2030	3.C FE
..92537R-AA-7	TK ELEVATOR US NENCO INC		09/08/2023	FORT WASHINGTON		372,280	400,000	401,000	400,821		(117)		(117)		400,703		(28,423)	(28,423)	24,325	07/15/2027	4.A FE
..92556H-AD-9	PARAMOUNT GLOBAL		09/07/2023	FORT WASHINGTON		333,419	413,000	333,242	334,184		4,248		4,248		338,431		(5,012)	(5,012)	14,070	05/19/2032	2.C FE
..92564R-AH-8	VICI PROPERTIES LP		09/13/2023	FORT WASHINGTON		268,334	285,000	301,634	294,348		(1,822)		(1,822)		292,526		(24,192)	(24,192)	13,292	09/01/2026	2.C FE
..92769V-AJ-8	VIRGIN MEDIA FINANCE PLC	C.....	09/07/2023	FORT WASHINGTON		168,116	208,000	208,000	208,000						208,000		(39,884)	(39,884)	12,018	07/15/2030	4.B FE
..92838@-AA-1	VISTA RIDGE LLC - ABS		09/30/2023	Paydown		59,300	59,300	59,300	59,300						59,300				1,514	10/14/2049	1.F PL
..92840V-AH-5	VISTRA OPERATIONS COMPANY LLC		09/13/2023	FORT WASHINGTON		268,179	307,000	306,133	306,234		78		78		306,312		(38,132)	(38,132)	11,391	05/01/2029	3.B FE
..92858R-AA-8	VIMED Q2 UK FINANCING I PLC	C.....	09/13/2023	FORT WASHINGTON		162,250	200,000	200,000	200,000						200,000		(37,750)	(37,750)	9,917	01/31/2031	3.C FE
..92890F-AV-8	WFRBS 2014-C20 ASB - CMBS		09/01/2023	Paydown		29,742	29,742	32,195	30,013		(271)		(271)		29,742				765	05/17/2047	1.A
..92938C-AD-9	WFRBS 2013-C15 A4 - CMBS		08/17/2023	Paydown		4,872,689	4,872,689	5,018,494	4,874,513		(1,825)		(1,825)		4,872,689				119,009	08/17/2046	1.A
..92939H-AZ-8	WFRBS 2014-C23 ASB - CMBS		09/01/2023	Paydown		27,823	27,823	30,235	28,127		(304)		(304)		27,823				673	10/17/2057	1.A
..92966*-AA-7	WABASH VALLEY POWER ASSOCIATIO - ABS		07/30/2023	Paydown		189,964	189,964	190,227	189,971		(6)		(6)		189,964				7,238	04/30/2024	1.F
..93141*-AA-3	WALGREENS BOOTS ALLIANCE INC - ABS		09/15/2023	Paydown		43,983	43,983	43,983	43,983						43,983				1,625	11/15/2035	2.B
..94989J-BA-3	WFCM 2015-C28 ASB - CMBS		09/01/2023	Paydown		49,264	49,264	52,019	49,725		(462)		(462)		49,264				1,083	05/15/2048	1.A
..94989T-BA-1	WFCM 2015-LC22 ASB - CMBS		09/01/2023	Paydown		63,993	63,993	68,557	64,828		(835)		(835)		63,993				1,520	09/17/2058	1.A
..94989U-AE-1	WFMS 2018-1 A5 - CMO/RMBS		09/01/2023	Paydown		6,129	6,129	5,588	5,813		316		316		6,129				129	07/25/2047	1.A
..95001N-AX-6	WFCM 2018-C45 A3 - CMBS		07/01/2023	Paydown					2		(2)		(2)							06/15/2051	1.A
..95002D-BD-0	WFCM 2018-C47 A3 - CMBS		09/01/2023	Paydown		793,082	793,082	800,980	797,252		(4,170)		(4,170)		793,082				24,833	09/16/2061	1.A

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STATEMENT AS OF SEPTEMBER 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		
..96928*-CJ-4	WALGREENS BOOTS ALLIANCE INC - ABS		09/15/2023	Paydown		114,271	114,271	114,271	114,271						114,271					4,779	07/15/2026	2.B	
..97651L-CD-1	WIN 154 B3 - CMO/RMBS		09/01/2023	Paydown		73,079	73,079	76,133	75,820	(2,742)			(2,742)		73,079					1,964	06/20/2045	1.A	
..97652T-BE-2	WIN 2015-1 B4 - CMO/RMBS		09/01/2023	Paydown		6,056	6,056	6,219	6,197				(141)		6,056					134	01/20/2045	1.A	
..98162R-AE-8	WOART 2019-C A4 - ABS		09/15/2023	Paydown		2,181,736	2,181,736	2,123,831	2,129,576				52,160		2,181,736					30,550	12/15/2025	1.A FE	
..98163B-AE-2	WOSAT 2019-A C - ABS		09/15/2023	Paydown		1,003,432	1,003,432	986,499					16,933		1,003,432					11,829	12/15/2025	1.A FE	
..98163D-AE-8	WOSAT 2020-A B - ABS		09/15/2023	Paydown		1,184,010	1,184,010	1,147,010	1,157,368				26,643		1,184,010					6,604	06/15/2026	1.A FE	
..98163H-AC-3	WOSAT 2021-A A3 - ABS		09/15/2023	Paydown		135,745	135,745	130,124	130,718				5,026		135,745					478	03/15/2027	1.A FE	
..98163J-AC-9	WOLS 2021-A A3 - ABS		09/15/2023	Paydown		562,058	562,058	543,154	549,797				12,261		562,058					1,599	08/15/2024	1.A FE	
..98163K-AC-6	WOART 2021-D A3 - ABS		09/15/2023	Paydown		1,436,974	1,436,974	1,388,240	1,404,308				32,666		1,436,974					7,749	10/15/2026	1.A FE	
..98163L-AC-4	WOART 2021-B A3 - ABS		09/15/2023	Paydown		227,306	227,306	218,853					8,453		227,306					120	06/15/2026	1.A FE	
..98163M-AD-0	WOART 2020-A A3 - ABS		09/15/2023	Paydown		214,074	214,074	216,684	214,778				(703)		214,074					1,562	04/15/2025	1.A FE	
..98163T-AB-9	WOART 2022-C A2 - ABS		09/15/2023	Paydown		268,799	268,799	268,771	268,779				19		268,799					6,655	03/16/2026	1.A FE	
..98163W-AC-0	WOART 2020-B A3 - ABS		09/15/2023	Paydown		101,212	101,212	101,762	101,400				(188)		101,212					424	05/15/2025	1.A FE	
..981811-AE-2	WORTHINGTON INDUSTRIES INC		07/27/2023	Call @ 100.00		13,000,000	13,000,000	12,998,720	13,000,094				(16)		13,000,078			(78)		464,985	04/15/2026	2.B FE	
..98313R-AC-0	WYNN MACAU LTD	C	09/06/2023	FORT WASHINGTON		653,514	671,000	642,106	320,571				8,528		656,411			(2,897)		30,621	10/01/2024	4.B FE	
..98313R-AD-8	WYNN MACAU LTD	C	09/08/2023	FORT WASHINGTON		179,624	200,000	153,108	155,202				5,127		160,329			19,295		19,295	10,419	10/01/2027	4.B FE
..98372M-AA-3	XHR LP		09/07/2023	FORT WASHINGTON		171,773	174,000	172,436					362		172,798			(1,025)		11,894	08/15/2025	4.A FE	
..98372M-AC-9	XHR LP		09/08/2023	FORT WASHINGTON		72,674	84,000	73,315					872		74,187			(1,513)		3,196	06/01/2029	4.A FE	
..98421M-AA-4	XEROX HOLDINGS CORP		09/07/2023	FORT WASHINGTON		463,327	488,000	480,711	325,768				778		480,869			(17,543)		22,087	08/15/2025	3.B FE	
..98877D-AD-7	ZF NORTH AMERICA CAPITAL INC		09/07/2023	FORT WASHINGTON		147,902	150,000	149,532					33		149,565			(1,663)		4,211	04/14/2028	3.A FE	
..98877D-AE-5	ZF NORTH AMERICA CAPITAL INC		09/06/2023	FORT WASHINGTON		150,143	150,000	149,390					28		149,417			725		4,275	04/14/2030	3.A FE	
..A3158#-AH-2	HOFFER FINANCIAL SERVICES GMBH - ABS	C	09/26/2023	Maturity @ 100.00		25,000,000	25,000,000	25,000,000	25,000,000						25,000,000					947,500	09/26/2023	1.G PL	
..C1466#-AA-6	CANADIAN PACIFIC RAILWAY LTD - ABS		09/03/2023	Paydown		66,572	66,572	66,572	66,574				(2)		66,572					3,602	03/03/2024	2.B	
..00458*-AF-6	AQUASURE - ABS	C	07/12/2023	Paydown		268,225	268,225	268,225	268,229				(3)		268,225					11,587	01/12/2034	1.G FE	
1109999999	Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)					325,935,498	335,504,296	334,011,306	299,044,626			730,556	38,319	692,237	333,457,246		(7,309,615)	(7,309,615)		11,165,589	XXX	XXX	
..020002-BB-6	ALLSTATE CORP		09/07/2023	FORT WASHINGTON		547,286	555,000	526,183	261,368				233		526,504			20,782		20,782	27,686	08/15/2053	2.C FE
..15189T-AS-6	CENTERPOINT ENERGY INC		09/01/2023	Call @ 100.00		300,000	300,000	300,000							300,000					18,375	12/31/2049	3.A FE	
..976657-AH-9	WEC ENERGY GROUP INC		09/07/2023	FORT WASHINGTON		278,632	308,000	244,860					46		244,906			33,726		33,726	12,951	05/15/2067	2.B FE
1309999999	Subtotal - Bonds - Hybrid Securities					1,125,918	1,163,000	1,071,043	261,368			279		279	1,071,410		54,507	54,507		59,012	XXX	XXX	
2509999997	Total - Bonds - Part 4					448,789,030	459,225,517	459,488,796	401,152,103			387,112	38,319	348,794	456,708,268		(7,367,708)	(7,367,708)		14,264,571	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					448,789,030	459,225,517	459,488,796	401,152,103			387,112	38,319	348,794	456,708,268		(7,367,708)	(7,367,708)		14,264,571	XXX	XXX	
..281020-AT-4	EDISON INTERNATIONAL		09/07/2023	FORT WASHINGTON		491,000,000	0.00	440,465	406,916				33,548		440,465			(8,854)	(8,854)		12,275		3.A FE
4019999999	Subtotal - Preferred Stocks - Industrial and Miscellaneous (Unaffiliated) Perpetual Preferred					431,611	XXX	440,465	406,916			33,548		33,548	440,465		(8,854)	(8,854)		12,275	XXX	XXX	
4509999997	Total - Preferred Stocks - Part 4					431,611	XXX	440,465	406,916			33,548		33,548	440,465		(8,854)	(8,854)		12,275	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					431,611	XXX	440,465	406,916			33,548		33,548	440,465		(8,854)	(8,854)		12,275	XXX	XXX	
..00724F-10-1	ADOBEE ORD		09/28/2023	MERRILL LYNCH		97,000	48,814	43,563	32,643			10,919		10,919	43,563			5,252		5,252			
..02079K-10-7	ALPHABET CL C ORD		09/28/2023	MERRILL LYNCH		41,000	5,405	4,618	3,638					980	4,618					788			
..02079K-30-5	ALPHABET CL A ORD		09/28/2023	MERRILL LYNCH		1,211,000	158,565	120,447	106,847			13,601		13,601	120,447			38,118		38,118			
..023135-10-6	AMAZON COM ORD		09/28/2023	MERRILL LYNCH		935,000	116,058	131,206	78,540			52,666		52,666	131,206			(15,148)		(15,148)			
..02665T-30-6	AMERICAN HOMES 4 RENT CL A REIT ORD		08/15/2023	Various		4,085,000	148,115	134,928	123,122			11,806		11,806	134,928			13,187		13,187		1,797	
..03064D-10-8	AMERICOLD REALTY ORD		08/05/2023	Return of Capital		0.000	6,168	6,168	6,168						6,168								
..03750L-10-9	APARTMENT INCOME REIT ORD		07/27/2023	Various		4,717,000	168,951	197,160	161,840			35,320		35,320	197,160			(28,209)		(28,209)		4,245	
..037833-10-0	APPLE ORD		09/20/2023	Various		5,935,000	1,065,192	60,216	771,135			(710,919)		(710,919)	60,216			1,004,976		1,004,976		4,106	

EO5.21

STATEMENT AS OF SEPTEMBER 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	
052769-10-6	AUTODESK ORD		09/28/2023	MERRILL LYNCH	153.000	31,249		44,652	28,591	16,061			16,061		44,652		(13,403)	(13,403)				
09857L-10-8	BOOKING HOLDINGS ORD		09/28/2023	Various	27.000	83,600		37,997	54,413	(16,415)			(16,415)		37,997		45,603	45,603				
11133T-10-3	BROADRIDGE FINANCIAL SOLUTIONS ORD		09/28/2023	Various	357.000	64,605		48,339	47,884	454			454		48,339		16,266	16,266		776		
11135F-10-1	BROADCOM ORD		09/13/2023	Various	1,400.000	1,196,705		312,003	782,782	(470,779)			(470,779)		312,003		884,702	884,702		12,880		
133131-10-2	CAMDEN PROPERTY REIT ORD		08/05/2023	Return of Capital	0.000	20,403		20,403	18,900						20,403							
191216-10-0	COCA-COLA ORD		09/28/2023	MERRILL LYNCH	1,025.000	57,283		60,152	39,057	(3,046)			(3,046)		60,152		(2,869)	(2,869)		943		
216648-40-2	COOPER ORD		09/28/2023	Various	222.000	74,995		74,098	41,003	(3,922)			(3,922)		74,098		898	898		8		
22160N-10-9	COSTAR GROUP ORD		09/28/2023	MERRILL LYNCH	1,248.000	95,374		105,453	96,445	9,007			9,007		105,453		(10,078)	(10,078)				
22822V-10-1	CROWN CASTLE ORD		08/05/2023	Return of Capital	0.000	16,662		16,662	12,378						16,662							
235851-10-2	DANAHER ORD		09/28/2023	MERRILL LYNCH	336.000	83,406		90,207	10,351	651			651		90,207		(6,801)	(6,801)		191		
253868-10-3	DIGITAL REALTY REIT ORD		08/09/2023	Various	8,428.000	1,008,027		1,045,905	625,805	156,300			156,300		1,045,905		(37,878)	(37,878)		26,861		
285512-10-9	ELECTRONIC ARTS ORD		09/28/2023	MERRILL LYNCH	506.000	60,457		41,927	61,823	(19,896)			(19,896)		41,927		18,530	18,530		288		
294429-10-5	EQUIFAX ORD		09/28/2023	MERRILL LYNCH	274.000	49,827		59,807	49,827						59,807		(9,980)	(9,980)		238		
42226K-10-5	HEALTHCARE REALTY TRUST CL A ORD		08/05/2023	Return of Capital	0.000	46,269		46,269	36,277						46,269							
437076-10-2	HOME DEPOT ORD		09/28/2023	Various	195.000	62,580		12,036	61,593	(49,557)			(49,557)		12,036		50,544	50,544		903		
44107P-10-4	HOST HOTELS & RESORTS REIT ORD		09/15/2023	Various	3,926.000	65,007		47,627	63,012	(15,386)			(15,386)		47,627		17,381	17,381		2,316		
445658-10-7	JB HUNT TRANSPORT SERVICES ORD		09/28/2023	MERRILL LYNCH	145.000	26,944		19,958	25,282	(5,324)			(5,324)		19,958		6,987	6,987		183		
45866F-10-4	INTERCONTINENTAL EXCHANGE ORD		09/28/2023	MERRILL LYNCH	691.000	76,111		92,799	70,890	21,909			21,909		92,799		(16,688)	(16,688)		871		
461202-10-3	INTUIT ORD		09/28/2023	MERRILL LYNCH	153.000	77,368		77,803	70,803						70,803		6,566	6,566		71		
46120E-60-2	INTUITIVE SURGICAL ORD		09/28/2023	MERRILL LYNCH	147.000	43,321		48,093							48,093		(4,772)	(4,772)				
46187H-10-7	INVITATION HOMES ORD		07/26/2023	Various	3,927.000	139,848		145,383	116,396	28,987			28,987		145,383		(5,535)	(5,535)		2,042		
46284V-10-1	IRON MOUNTAIN ORD		08/15/2023	Various	5,126.000	312,796		280,219							280,219		32,577	32,577		4,214		
48020Q-10-7	JONES LANG LASALLE ORD		09/29/2023	Various	2,490.000	355,658		439,949	396,831	43,118			43,118		439,949		(84,291)	(84,291)				
49446R-10-9	KIMCO REALTY REIT ORD		08/16/2023	Various	3,771.000	75,213		75,248	59,696	(4,164)			(4,164)		75,248		(35)	(35)		1,440		
502441-30-6	LVMH MOET HENNESSY LOUIS VUITTON ADR	C	09/28/2023	BMO Capital Markets	305.000	45,437		55,813							55,813		(10,376)	(10,376)				
518439-10-4	ESTEE LAUDER CL A ORD		07/06/2023	Various	286.000	54,974		37,034	70,959	(33,925)			(33,925)		37,034		17,940	17,940		378		
58463J-30-4	MEDICAL PROPERTIES REIT ORD		07/21/2023	JP MORGAN SEC	10,138.000	104,369		94,454	84,454						94,454		9,915	9,915		2,628		
620076-30-7	MOTOROLA SOLUTIONS REIT ORD		09/28/2023	Various	527.000	148,376		80,788	135,813	(55,025)			(55,025)		80,788		67,588	67,588		1,570		
654106-10-3	NIKE CL B ORD		09/28/2023	Various	1,907.000	201,838		236,524	205,119	12,423			12,423		236,524		(34,685)	(34,685)		1,244		
67066G-10-4	NVIDIA ORD		09/20/2023	Various	4,278.000	1,865,115		178,707	625,187	(446,480)			(446,480)		178,707		1,686,408	1,686,408		510		
74340V-10-3	PROLOGIS REIT		08/10/2023	Various	4,060.000	508,270		489,754	32,071						489,754		18,515	18,515		7,064		
74460D-10-9	PUBLIC STORAGE REIT ORD		09/15/2023	Various	3,421.000	961,804		611,706	358,530	(346,824)			(346,824)		611,706		350,098	350,098		22,326		
78409V-10-4	S&P GLOBAL ORD		09/28/2023	MERRILL LYNCH	160.000	58,728		63,313	53,590	9,723			9,723		63,313		(4,585)	(4,585)		432		
79466L-30-2	SALESFORCE ORD		09/28/2023	MERRILL LYNCH	176.000	35,504		34,030	23,336	10,695			10,695		34,030		1,473	1,473				
828806-10-9	SIMON PROP GRP REIT ORD		09/27/2023	Various	1,105.000	120,851		155,743	129,815	25,927			25,927		155,743		(34,892)	(34,892)		6,133		
84860W-30-0	SPIRIT REALTY CAPITAL REIT ORD		09/29/2023	Various	6,079.000	208,881		293,706	243,209	50,497			50,497		293,706		(84,825)	(84,825)		11,933		
866674-10-4	SUN COMMUNITIES REIT ORD		08/05/2023	Return of Capital	0.000	7,651		7,651	5,441						7,651							
87043Q-10-8	SWEETGREEN CL A ORD		07/25/2023	BANK OF AMERICA ML	16,000.000	246,553		245,920							245,920		633	633				
89400J-10-7	TRANSUNION ORD		09/28/2023	MERRILL LYNCH	330.000	23,548		29,090	18,728	10,362			10,362		29,090		(5,542)	(5,542)		104		
902653-10-4	UDR REIT ORD		07/11/2023	Various	3,355.000	144,749		147,852	129,939	17,913			17,913		147,852		(3,103)	(3,103)		3,299		
907818-10-8	UNION PACIFIC ORD		09/28/2023	Various	484.000	112,177		29,454	100,222	(70,767)			(70,767)		29,454		82,722	82,722		1,295		
909218-40-6	UNIT ORD		08/07/2023	FORT WASHINGTON	2,687.000	125,733		7,618	81,948	(99,125)			(99,125)		8,206		117,527	117,527		30,061		
91324P-10-2	UNITEDHEALTH GRP ORD		09/28/2023	MERRILL LYNCH	225.000	115,298		110,368	16,436	(402)			(402)		110,368		4,930	4,930		1,115		
922475-10-8	VEEVA SYSTEMS ORD		09/28/2023	MERRILL LYNCH	147.000	29,631		26,685							26,685		2,946	2,946				
92343E-10-2	VERISIGN ORD		09/28/2023	MERRILL LYNCH	549.000	110,595		128,763	96,351	14,965			14,965		128,763		(18,167)	(18,167)				
92345Y-10-6	VERISIGN ANALYTICS ORD		09/28/2023	MERRILL LYNCH	111.000	26,742		24,045							24,045		2,697	2,697		75		

E05.22

STATEMENT AS OF SEPTEMBER 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	For-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	
..92826C-83-9	VISA CL A ORD		09/28/2023	BMO Capital Markets	715.000	165,170		160,612	22,438	1,835			1,835		160,612		4,558	4,558	635			
..94106B-10-1	WASTE CONNECTIONS ORD		09/28/2023	MERRILL LYNCH	430.000	58,998		61,449							61,449		(2,451)	(2,451)	82			
..95040Q-10-4	WELLTOWER ORD		07/25/2023	WELLS FARGO SEC	484.000	40,210		40,079	31,726	8,353			8,353		40,079		131	131	590			
..962166-10-4	WEYERHAEUSER REIT		08/05/2023	Return of Capital	0.000	1,012		1,012							1,012							
..98978V-10-3	ZOETIS CL A ORD		09/28/2023	MERRILL LYNCH	180.000	31,448		30,848							30,848		600	600	68			
..D2734Z-10-7	FRESENIUS MEDICAL CARE ORD	B.....	07/26/2023	JOH BERENBERG	3,971.000	208,093		404,041	129,915	231,014			231,014	43,111	404,041	(16,921)	(179,026)	(195,948)	3,540			
..F2924U-10-6	EIFFAGE ORD	B.....	07/21/2023	Various	4,732.000	498,592		449,674	465,500	(67,007)			(67,007)	51,181	449,674	(40,700)	89,619	48,919	13,848			
..F92124-10-0	TOTALENERGIES ORD	B.....	09/28/2023	CITIGROUP GLOBAL	663.000	44,413		33,862	41,615	(7,176)			(7,176)	(576)	33,862	151	10,399	10,550	1,197			
..G12793-10-8	BP ORD	B.....	09/28/2023	JEFFERIES INTL LTD	10,762.000	71,201		48,796	61,826	(17,508)			(17,508)	4,477	48,796	(6,550)	28,956	22,406	2,218			
..G2848Q-12-3	SMITH DS ORD	B.....	07/18/2023	Various	124,877.000	468,732		580,019	485,670	44,129			44,129	580,019	(5,878)	(105,409)	(111,288)	(111,288)	9,231			
..G92087-16-5	UNILEVER ORD	B.....	07/01/2023	Adjustment	0.830	48		42						42	2	4	6	6				
..H8088L-10-3	SPORTRADAR GROUP CL A ORD	C.....	08/21/2023	BANK OF AMERICA ML	22,858.000	299,933		323,669						323,669		(23,736)	(23,736)	(15)				
..K0514G-10-1	A P MOLLER MAERSK ORD	B.....	08/28/2023	Various	0.000														716			
..N3167Y-10-3	FERRARI ORD	C.....	09/28/2023	MERRILL LYNCH	204.000	59,415		26,072	43,701	(17,629)			(17,629)		26,072		33,344	33,344	299			
..Y9T10P-10-5	UNITED OVERSEAS BANK ORD	B.....	08/24/2023	Various	36,400.000	764,014		713,684	834,065	(110,564)			(110,564)	(9,817)	713,684	8,542	41,788	50,330	33,682			
5019999999. Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Publicly Traded						13,809,080	XXX	9,897,171	9,403,118	(1,700,155)			(1,700,155)	138,596	9,897,759	(61,355)	3,972,676	3,911,321	220,633	XXX	XXX	
5989999997. Total - Common Stocks - Part 4						13,809,080	XXX	9,897,171	9,403,118	(1,700,155)			(1,700,155)	138,596	9,897,759	(61,355)	3,972,676	3,911,321	220,633	XXX	XXX	
5989999998. Total - Common Stocks - Part 5						XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
5989999999. Total - Common Stocks						13,809,080	XXX	9,897,171	9,403,118	(1,700,155)			(1,700,155)	138,596	9,897,759	(61,355)	3,972,676	3,911,321	220,633	XXX	XXX	
5999999999. Total - Preferred and Common Stocks						14,240,691	XXX	10,337,636	9,810,034	(1,666,606)			(1,666,606)	138,596	10,338,224	(61,355)	3,963,822	3,902,467	232,908	XXX	XXX	
6009999999 - Totals						463,029,721	XXX	469,826,432	410,962,137	(1,666,606)	387,112	38,319	(1,317,812)	138,596	467,046,491	(61,355)	(3,403,885)	(3,465,240)	14,497,479	XXX	XXX	

EO5.23

STATEMENT AS OF SEPTEMBER 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.	B4TYDEB6GKMZ0031MB27	01/19/2023	165,000	16,500,000	100.000		1,041,150		671,444	XXX	671,444	(369,706)							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	W22LR0IP21HZNB6K528	01/19/2023	1,190,000	119,000,000	100.000		7,568,400		4,842,535	XXX	4,842,535	(2,725,865)							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	02/16/2023	150,000	15,000,000	100.000		920,250		438,267	XXX	438,267	(481,983)							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	02/16/2023	1,110,000	111,000,000	100.000		6,911,970		3,243,174	XXX	3,243,174	(3,668,796)							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	03/16/2023	980,000	98,000,000	100.000		7,967,400		5,018,790	XXX	5,018,790	(2,948,610)							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	03/16/2023	125,000	12,500,000	100.000		1,020,625		640,152	XXX	640,152	(380,473)							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	04/20/2023	1,110,000	111,000,000	100.000		6,954,150		4,225,456	XXX	4,225,456	(2,728,694)							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	04/20/2023	200,000	20,000,000	100.000		1,237,000		761,344	XXX	761,344	(475,656)							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	05/18/2023	1,060,000	106,000,000	100.000		6,439,500		4,310,825	XXX	4,310,825	(2,128,675)							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	05/18/2023	175,000	17,500,000	100.000		1,054,375		711,693	XXX	711,693	(342,682)							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	ROMUIISFPUBM8PR08K5P83	06/15/2023	210,000	21,000,000	100.000		1,255,800		680,972	XXX	680,972	(574,828)							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	ROMUIISFPUBM8PR08K5P83	06/15/2023	1,010,000	101,000,000	100.000		6,150,900		3,275,152	XXX	3,275,152	(2,875,748)							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	07/20/2023	170,000	17,000,000	100.000		1,005,550		529,710	XXX	529,710	(475,840)							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	07/20/2023	900,000	90,000,000	100.000		5,395,500		2,804,349	XXX	2,804,349	(2,591,151)							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	ES71P3U3RHIGC71XBU11	08/17/2023	210,000	21,000,000	100.000		1,310,400		1,124,729	XXX	1,124,729	(185,671)							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	ES71P3U3RHIGC71XBU11	08/17/2023	1,020,000	102,000,000	100.000		6,507,600		5,462,968	XXX	5,462,968	(1,044,632)							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	ROMUIISFPUBM8PR08K5P83	09/14/2023	150,000	15,000,000	100.000		898,500		746,951	XXX	746,951	(151,549)							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	ROMUIISFPUBM8PR08K5P83	09/14/2023	980,000	98,000,000	100.000		5,929,000		4,880,083	XXX	4,880,083	(1,048,917)							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	10/20/2022	1,530,000	153,000,000	100.000		11,299,050		16,262,919	XXX	16,262,919	255,562							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	10/20/2022	135,000	13,500,000	100.000		989,550		1,434,963	XXX	1,434,963	22,550							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	11/17/2022	165,000	16,500,000	100.000		1,136,850		693,066	XXX	693,066	(336,420)							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	11/17/2022	1,400,000	140,000,000	100.000		9,779,000		5,880,561	XXX	5,880,561	(2,854,472)							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	ROMUIISFPUBM8PR08K5P83	12/15/2022	1,450,000	145,000,000	100.000		10,092,000		7,183,320	XXX	7,183,320	(2,585,424)							0004													
Basket Option Call	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	ROMUIISFPUBM8PR08K5P83	12/15/2022	150,000	15,000,000	100.000		1,021,500		743,102	XXX	743,102	(267,458)							0004													
BXIIITAC5 Call 162.07	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	09/27/2023	50,742	8,223,743	162.070		181,149		163,685	XXX	163,685	(17,463)							0010													
BXIIITAC5 Call 164.86	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	09/13/2023	41,774	6,886,832	164.860		165,007		88,212	XXX	88,212	(76,795)							0010													
BXIIITAC5 Call 164.96	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	09/20/2023	42,802	7,034,881	164.360		154,514		98,630	XXX	98,630	(55,884)							0010													

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STATEMENT AS OF SEPTEMBER 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)	
BXIIITAC5 Call 166.55	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	09/06/2023	08/30/2024	51,827	8,631,799	166.550		174,657		81,401		81,401	(93,256)						0010	
08/30/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	10/26/2022	10/20/2023	55,872	9,330,544	167.000	259,803			439		439	(229,866)						0010	
10/20/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	08/16/2023	08/12/2024	71,011	11,865,165	167.090		237,175		96,784		96,784	(140,391)						0010	
08/12/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	05/31/2023	05/24/2024	48,266	8,072,003	167.240		203,682		47,959		47,959	(155,723)						0010	
05/24/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	11/09/2022	11/03/2023	53,020	8,868,652	167.270	213,140			1,773		1,773	(212,666)						0010	
BXIIITAC5 Call 167.27	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			33		33	(243,357)						0010	
11/03/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	07/12/2023	07/08/2024	52,604	8,814,857	167.570		264,072		58,538		58,538	(205,535)						0010	
BXIIITAC5 Call 167.48	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		69,458		69,458	(245,908)						0010	
10/13/2023	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						(168,012)						0010	
BXIIITAC5 Call 167.57	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		48,280		48,280	(204,023)						0010	
07/08/2024	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			300		300	(215,063)						0010	
BXIIITAC5 Call 167.97	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		29,183		29,183	(250,285)						0010	
BXIIITAC5 Call 168.13	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	07/05/2023	06/28/2024	53,201	8,963,810	168.490		198,971		47,326		47,326	(151,645)						0010	
10/06/2023	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		21,938		21,938	(200,784)						0010	
BXIIITAC5 Call 168.24	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		37,194		37,194	(153,042)						0010	
06/03/2024	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			1,154		1,154	(220,035)						0010	
BXIIITAC5 Call 168.42	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		42,293		42,293	(172,583)						0010	
10/27/2023	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		5,819		5,819	(177,503)						0010	
BXIIITAC5 Call 168.45	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		32,615		32,615	(348,262)						0010	
03/01/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	08/02/2023	07/29/2024	80,375	13,576,183	168.910		297,388		74,476		74,476	(222,912)						0010	
BXIIITAC5 Call 168.49	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			8,289		8,289	(269,931)						0010	
06/28/2024	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			1,113		1,113	(197,893)						0010	
BXIIITAC5 Call 168.52	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	07/26/2023	07/22/2024	51,230	8,680,971	169.450		214,655		41,448		41,448	(173,207)						0010	
02/23/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	07/15/2024	07/15/2024	57,578	9,764,602	169.590		259,675		43,918		43,918	(215,757)						0010	
BXIIITAC5 Call 168.7	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		11,576		11,576	(171,996)						0010	
06/10/2024	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		22,532		22,532	(151,346)						0010	
BXIIITAC5 Call 168.89	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		4,008		4,008	(176,215)						0010	
03/11/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	11/24/2023	11/24/2023	55,216	9,383,903	169.950	239,084			1,042		1,042	(159,469)						0010	
BXIIITAC5 Call 169.91	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		26,337		26,337	(350,237)						0010	
07/29/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573																			

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STATEMENT AS OF SEPTEMBER 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)	
BXIIITACS Call 170.21 12/15/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	12/15/2022	12/15/2023	75,432	12,839,325	170.210	299,466			3,403		3,403	(215,175)						0010	
BXIIITACS Call 170.37 05/06/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	05/10/2023	05/06/2024	65,972	11,239,595	170.370		272,463		28,210		28,210	(244,253)						0010	
BXIIITACS Call 170.38 03/25/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	03/29/2023	03/25/2024	68,342	11,644,067	170.380		282,935		20,276		20,276	(262,659)						0010	
BXIIITACS Call 170.5 02/09/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	02/15/2023	02/09/2024	56,490	9,631,543	170.500		228,784		9,003		9,003	(219,782)						0010	
BXIIITACS Call 170.57 04/29/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	05/03/2023	04/29/2024	61,258	10,448,820	170.570		270,761		23,563		23,563	(247,199)						0010	
BXIIITACS Call 170.63 12/08/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	12/14/2022	12/08/2023	66,751	11,389,653	170.630	289,030			1,730		1,730	(178,767)						0010	
BXIIITACS Call 170.68 04/22/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	04/27/2023	04/22/2024	55,934	9,546,887	170.680		223,738		19,724		19,724	(204,013)						0010	
BXIIITACS Call 170.78 12/01/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	12/07/2022	12/01/2023	60,952	10,409,326	170.780	262,092			983		983	(158,469)						0010	
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		4,977		4,977	(229,055)						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		3,355		3,355	(182,802)						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		17,091		17,091	(214,227)						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		11,591		11,591	(194,712)						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		5,679		5,679	(273,345)						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		3,947		3,947	(159,552)						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		16,617		16,617	(269,142)						0010	
BXIIITACS Call 172.28 08/19/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	08/23/2023	08/19/2024	82,896	13,674,471	164.960		370,544		164,715		164,715	(205,829)						0010	
BXIIITACS Call 172.93 08/26/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	08/30/2023	08/26/2024	66,744	11,052,094	165.590		307,689		121,663		121,663	(186,026)						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		40,992		40,992	(157,241)						0010	
BXIIITACS Call 175.04 08/06/2024	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	08/09/2023	08/06/2024	53,515	8,990,454	168.000		216,734		60,692		60,692	(156,042)						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		1,037,136		1,037,136	(734,364)						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		317,918		317,918	(492,802)						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		725,491		725,491	(386,009)						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		416,886		416,886	(555,774)						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		361,348		361,348	(439,462)						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		467,381		467,381	(791,539)						0008	
Rainbow Option Call 07/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	07/20/2023	07/18/2024	97,000	9,700,000	100.000		1,031,110		350,993		350,993	(680,117)						0008	
Rainbow Option Call 08/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	08/17/2023	08/15/2024	82,000	8,200,000	100.000		1,155,380		511,057		511,057	(644,323)						0008	
Rainbow Option Call 09/19/2024	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	09/14/2023	09/19/2024	81,000	8,100,000	100.000		891,810		458,112		458,112	(433,698)						0008	

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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)
Rainbow Option Call 10/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U8RH1GC71XBU11	10/20/2022	10/19/2023	63,000	6,300,000	100.000	731,430			971,614		971,614	43,461						0008
Rainbow Option Call 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U8RH1GC71XBU11	11/17/2022	11/16/2023	139,000	13,900,000	100.000	1,787,540			909,527		909,527	(319,258)						0008
Rainbow Option Call 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A. B4TYDEB6GKMZ0031MB27	12/15/2022	12/14/2023	65,000	6,500,000	100.000	833,950			495,599		495,599	(83,798)						0008
SGIXECP Call 212.63 10/09/2023	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale .. 02RNE81BXP4R0TD8PU41	10/19/2022	10/09/2023	8,111	1,724,542	212.630	37,523			21,154		21,154	(112,740)						0014
SGIXECP Call 213.3 09/05/2024	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale .. 02RNE81BXP4R0TD8PU41	09/20/2023	09/05/2024	2,873	612,728	213.303		12,091		16,545		16,545	4,454						0014
SGIXECP Call 214.75 03/08/2024	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale .. 02RNE81BXP4R0TD8PU41	03/29/2023	03/08/2024	2,341	502,787	214.745		16,522		8,465		8,465	(8,056)						0014
SGIXECP Call 215.34 12/29/2023	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale .. 02RNE81BXP4R0TD8PU41	01/04/2023	12/29/2023	9,983	2,149,726	215.341		56,687		24,830		24,830	(31,856)						0014
SGIXECP Call 215.9 05/28/2024	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale .. 02RNE81BXP4R0TD8PU41	06/07/2023	05/28/2024	2,236	482,806	215.898		13,211		8,647		8,647	(4,564)						0014
SGIXECP Call 216.39 11/10/2023	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale .. 02RNE81BXP4R0TD8PU41	11/23/2022	11/10/2023	4,670	1,010,434	216.387		27,884		5,762		5,762	(56,912)						0014
SGIXECP Call 217.22 12/12/2023	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale .. 02RNE81BXP4R0TD8PU41	12/21/2022	12/12/2023	3,587	783,647	218.470		16,498		4,036		4,036	(38,725)						0014
SGIXECP Call 218.09 02/15/2024	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale .. 02RNE81BXP4R0TD8PU41	02/22/2023	02/15/2024	4,768	1,039,919	218.087		20,038		9,753		9,753	(10,285)						0014
SGIXECP Call 218.18 06/12/2024	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale .. 02RNE81BXP4R0TD8PU41	06/21/2023	06/12/2024	6,762	1,475,431	218.184		35,749		21,221		21,221	(14,528)						0014
SGIXECP Call 218.28 07/02/2024	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale .. 02RNE81BXP4R0TD8PU41	07/12/2023	07/02/2024	3,200	698,489	218.275		18,505		10,469		10,469	(8,036)						0014
SGIXECP Call 218.53 07/26/2024	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale .. 02RNE81BXP4R0TD8PU41	08/02/2023	07/26/2024	11,527	2,518,955	218.529		52,414		38,789		38,789	(13,625)						0014
SGIXECP Call 218.72 11/30/2023	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale .. 02RNE81BXP4R0TD8PU41	12/07/2022	11/30/2023	5,356	1,171,506	218.715		29,305		4,790		4,790	(57,924)						0014
SGIXECP Call 219.69 01/18/2024	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale .. 02RNE81BXP4R0TD8PU41	01/25/2023	01/18/2024	3,532	775,954	219.687		19,638		4,547		4,547	(15,091)						0014
SGIXECP Call 219.97 04/30/2024	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale .. 02RNE81BXP4R0TD8PU41	05/10/2023	04/30/2024	4,399	967,662	219.970		22,917		9,823		9,823	(13,094)						0014
SGIXECP Call 220.2 04/04/2024	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale .. 02RNE81BXP4R0TD8PU41	04/12/2023	04/04/2024	2,467	543,260	220.200		12,786		4,791		4,791	(7,996)						0014
SGIXECP Call 220.73 07/12/2024	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale .. 02RNE81BXP4R0TD8PU41	07/12/2023	07/12/2024	2,456	542,133	220.730		13,658		6,432		6,432	(7,226)						0014
SGIXECP Call 226.69 08/12/2024	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale .. 02RNE81BXP4R0TD8PU41	08/23/2023	08/12/2024	3,276	707,022	215.845		14,127		14,645		14,645	517						0014
SGIXECP Call 229.21 08/05/2024	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale .. 02RNE81BXP4R0TD8PU41	08/09/2023	08/05/2024	8,743	1,894,546	216.698		48,931		35,779		35,779	(13,152)						0014
SGIXECP Call 231.73 05/14/2024	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale .. 02RNE81BXP4R0TD8PU41	05/24/2023	05/14/2024	2,526	554,023	219.315		9,678		6,395		6,395	(3,283)						0014
SPSLVI Call 10000.82 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A. B4TYDEB6GKMZ0031MB27	11/17/2022	11/16/2023	1,053	10,530,000	10000.820	1,041,417			23,381		23,381	(1,094,711)						0002
SPSLVI Call 10003.69 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMJUISFPUBMRO8K5P83	05/18/2023	05/16/2024	1,332	13,320,000	10003.690		1,096,236		352,394		352,394	(743,842)						0002
SPSLVI Call 10046.56 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A. B4TYDEB6GKMZ0031MB27	01/19/2023	01/18/2024	1,639	16,470,000	10046.560		1,497,123		133,594		133,594	(1,363,529)						0002
SPSLVI Call 10049.26 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A. KB1H1DSPPFMYMCFXT09	06/15/2023	06/20/2024	1,209	12,150,000	10049.260		970,785		367,078		367,078	(603,707)						0002
SPSLVI Call 10076.72 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMJUISFPUBMRO8K5P83	02/16/2023	02/15/2024	1,300	13,095,000	10076.720		1,120,932		140,507		140,507	(980,425)						0002
SPSLVI Call 10225.35 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A. B4TYDEB6GKMZ0031MB27	04/20/2023	04/18/2024	1,395	14,264,902	10225.350		1,193,981		209,501		209,501	(984,480)						0002
SPSLVI Call 10233.91 07/17/2024	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A. KB1H1DSPPFMYMCFXT09	07/20/2023	07/18/2024	3,118	31,905,000	10233.910		2,456,685		845,923		845,923	(1,610,762)						0002

E06.3

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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			18,494		18,494	(1,126,643)						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			197,428		197,428	(1,095,757)						0002	
SPSLVI Call 9803.88 08/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	08/17/2023	08/15/2024	796	7,805,000	9803.880		651,718		391,321		391,321	(260,397)						0002	
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		402,017		402,017	(1,068,017)						0002	
SPSLVI Call 9897.13 09/19/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	09/14/2023	09/19/2024	878	8,685,000	9897.130		679,167		431,642		431,642	(247,525)						0002	
SPPRI SME 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			448,226		448,226	(274,443)						0007	
SPPRI SME Call 5565.71 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	03/16/2023	03/14/2024	6,810	37,900,000	5565.710		970,240		601,481		601,481	(368,759)						0007	
SPPRI SME 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		1,085,523		1,085,523	(698,113)						0007	
SPPRI SME 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			197,753		197,753	(303,768)						0007	
SPPRI SME 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			344,721		344,721	(529,526)						0007	
SPPRI SME 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			282,477		282,477	(325,816)						0007	
SPPRI SME 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			526,023		526,023	(606,727)						0007	
SPPRI SME 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		1,155,489		1,155,489	(546,811)						0007	
SPPRI SME 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		818,193		818,193	(312,398)						0007	
SPPRI SME 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		532,629		532,629	(750,051)						0007	
SPPRI SME 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		388,223		388,223	(570,099)						0007	
SPPRI SME 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		585,203		585,203	(406,177)						0007	
SPPRI SME 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		609,889		609,889	(374,349)						0007	
SPPRI SME Call 5615.79 08/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	08/17/2023	08/15/2024	16,062	90,200,000	5615.790		2,191,860		1,616,237		1,616,237	(575,623)						0007	
SPPRI SME 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		256,221		256,221	(446,199)						0007	
SPPRI SME 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		621,986		621,986	(738,496)						0007	
SPPRI SME Call 5671.18 09/19/2024	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	09/20/2023	09/19/2024	10,351	58,700,000	5671.180		1,125,470		891,159		891,159	(234,311)						0007	

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SPPRISME Call 5671.18 09/19/2024	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	09/14/2023	09/19/2024	16,381	92,900,000	5671.180		2,266,760		1,410,370		1,410,370	(856,390)						---	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		837,850		837,850	(1,203,000)						---	0007
SPPRISME Call 5709.72 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	06/26/2023	06/20/2024	12,558	71,700,000	5709.720		1,502,555		721,175		721,175	(781,381)						---	0007
SPPRISME Call 5734.28 07/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	07/20/2023	07/18/2024	9,783	56,100,000	5734.280		1,363,230		544,444		544,444	(818,786)						---	0007
SPPRISME Call 5734.28 07/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	07/26/2023	07/18/2024	7,516	43,100,000	5734.280		1,073,411		418,280		418,280	(655,131)						---	0007
SPPRISME Call 5873.03 08/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	08/30/2023	08/15/2024	14,655	82,300,000	5873.030		2,588,487		1,474,681		1,474,681	(1,113,806)						---	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			9,272,969		9,272,969	2,429,399						---	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			66,112,836		66,112,836	17,320,715						---	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			18,889,382		18,889,382	4,948,776						---	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			1,717,217		1,717,217	449,889						---	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			1,143,672		1,143,672	213,519						---	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			6,518,929		6,518,929	1,217,059						---	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			44,831,930		44,831,930	8,369,948						---	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			8,806,272		8,806,272	1,644,097						---	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			1,100,782		1,100,782	213,382						---	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			6,727,000		6,727,000	1,304,000						---	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			42,685,873		42,685,873	8,274,473						---	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			7,338,545		7,338,545	1,311,545						---	0001
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			709,892		709,892	149,848						---	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			33,176,011		33,176,011	5,202,846						---	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			7,509,756		7,509,756	1,177,722						---	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			665,421		665,421	104,355						---	0001
SPX Call 3960.28 03/14/2024	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			4,372,769		4,372,769	685,762						---	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			28,367,916		28,367,916	4,706,916						---	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			8,664,677		8,664,677	1,393,877						---	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			7,477,735		7,477,735	1,196,635						---	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			1,186,942		1,186,942	189,942						---	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			471,045		471,045	90,762						---	0001

STATEMENT AS OF SEPTEMBER 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 4074.66 07/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 1E8VN30JCEQV1H4R804	10/12/2022	07/18/2024	1,227	5,000,000	4074.660	405,236			583,889		583,889	109,238						0001		
SPX Call 4090.41 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 1E8VN30JCEQV1H4R804	02/16/2023	02/15/2024	66,253	271,000,000	4090.410		26,002,450		22,850,967		22,850,967	(3,151,483)							0001	
SPX Call 4090.41 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 1E8VN30JCEQV1H4R804	02/16/2023	02/15/2024	14,913	61,000,000	4090.410		5,860,575		5,143,576		5,143,576	(716,999)							0001	
SPX Call 4090.41 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Societe Generale .. 02RNE81BXP4R0TD8PU41	02/16/2023	02/15/2024	16,135	66,000,000	4090.410		6,303,000		5,565,180		5,565,180	(737,820)							0001	
SPX Call 4129.79 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank JJKC32MCHID171265Z06	02/16/2023	02/15/2024	2,445	10,000,000	4090.410		961,000		843,209		843,209	(117,791)							0001	
SPX Call 4129.79 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 1E8VN30JCEQV1H4R804	04/20/2023	04/18/2024	48,186	199,000,000	4129.790		18,487,100		17,781,761		17,781,761	(705,339)							0001	
SPX Call 4129.79 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 1E8VN30JCEQV1H4R804	04/20/2023	04/18/2024	15,497	64,000,000	4129.790		5,945,600		5,718,757		5,718,757	(226,843)							0001	
SPX Call 4129.79 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank JJKC32MCHID171265Z06	04/20/2023	04/18/2024	1,937	8,000,000	4129.790		749,600		714,845		714,845	(34,755)							0001	
SPX Call 4129.79 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank JJKC32MCHID171265Z06	04/20/2023	04/18/2024	10,654	44,000,000	4129.790		4,122,800		3,931,646		3,931,646	(191,154)							0001	
SPX Call 4193.35 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A. KB1H1DSPRFMYMJCJFX109	10/11/2022	05/16/2024	1,192	5,000,000	4193.350	312,292			414,056		414,056	59,040							0001	
SPX Call 4198.05 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 1E8VN30JCEQV1H4R804	05/18/2023	05/16/2024	37,160	156,000,000	4198.050		14,348,100		12,783,156		12,783,156	(1,564,944)							0001	
SPX Call 4198.05 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 1E8VN30JCEQV1H4R804	05/18/2023	05/16/2024	2,382	10,000,000	4198.050		918,500		819,433		819,433	(99,067)							0001	
SPX Call 4198.05 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 1E8VN30JCEQV1H4R804	05/18/2023	05/16/2024	14,292	60,000,000	4198.050		5,517,000		4,916,598		4,916,598	(600,402)							0001	
SPX Call 4198.05 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 1E8VN30JCEQV1H4R804	05/18/2023	05/16/2024	10,243	43,000,000	4198.050		3,943,100		3,523,562		3,523,562	(419,538)							0001	
SPX Call 4235.75 09/19/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 1E8VN30JCEQV1H4R804	10/13/2022	09/19/2024	708	3,000,012	4235.750	191,286			283,332		283,332	43,153							0001	
SPX Call 4370.36 08/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 1E8VN30JCEQV1H4R804	08/17/2023	08/15/2024	46,678	204,000,000	4370.360		18,982,200		13,951,750		13,951,750	(5,030,450)							0001	
SPX Call 4370.36 08/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank JJKC32MCHID171265Z06	08/17/2023	08/15/2024	2,059	9,000,000	4370.360		838,800		615,518		615,518	(223,282)							0001	
SPX Call 4370.36 08/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank JJKC32MCHID171265Z06	08/17/2023	08/15/2024	13,729	60,000,000	4370.360		5,592,000		4,103,456		4,103,456	(1,488,544)							0001	
SPX Call 4370.36 08/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank JJKC32MCHID171265Z06	08/17/2023	08/15/2024	10,068	44,000,000	4370.360		4,100,800		3,009,201		3,009,201	(1,091,599)							0001	
SPX Call 4425.84 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 1E8VN30JCEQV1H4R804	06/15/2023	06/20/2024	2,034	9,000,000	4425.840		800,550		463,525		463,525	(337,025)							0001	
SPX Call 4425.84 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U3RHI GC71XBU11	06/15/2023	06/20/2024	50,160	222,000,000	4425.840		19,536,000		11,433,609		11,433,609	(8,102,391)							0001	
SPX Call 4425.84 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U3RHI GC71XBU11	06/15/2023	06/20/2024	8,586	38,000,000	4425.840		3,344,000		1,957,104		1,957,104	(1,386,896)							0001	
SPX Call 4425.84 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U3RHI GC71XBU11	06/15/2023	06/20/2024	14,686	65,000,000	4425.840		5,720,000		3,347,678		3,347,678	(2,372,322)							0001	
SPX Call 4482.73 01/16/2025	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U3RHI GC71XBU11	10/13/2022	01/16/2025	3,346	15,000,000	4482.730	785,616			1,101,602		1,101,602	138,524							0001	
SPX Call 4505.1 09/19/2024	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170JK5573	09/14/2023	09/19/2024	15,538	70,000,000	4505.100		6,139,000		3,887,154		3,887,154	(2,251,846)							0001	
SPX Call 4505.1 09/19/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 1E8VN30JCEQV1H4R804	09/14/2023	09/19/2024	52,829	238,000,000	4505.100		21,217,700		13,216,325		13,216,325	(8,001,375)							0001	
SPX Call 4505.1 09/19/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U3RHI GC71XBU11	09/14/2023	09/19/2024	13,540	61,000,000	4505.100		5,398,500		3,387,377		3,387,377	(2,011,123)							0001	
SPX Call 4505.1 09/19/2024	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank JJKC32MCHID171265Z06	09/14/2023	09/19/2024	7,991	36,000,000	4505.100		3,213,000		1,999,108		1,999,108	(1,213,892)							0001	
SPX Call 4527.75 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U3RHI GC71XBU11	10/11/2022	04/18/2024	883	4,000,000	4527.750	127,463			110,929		110,929	(24,460)							0001	

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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 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			86,570		86,570	(34,024)							0001
SPX Call 4534.87 07/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	07/20/2023	07/18/2024	11,026	50,000,000	4534.870		4,265,000		2,104,017		2,104,017	(2,160,983)							0001
SPX Call 4534.87 07/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	07/20/2023	07/18/2024	13,672	62,000,000	4534.870		5,288,599		2,608,981		2,608,981	(2,679,618)							0001
SPX Call 4534.87 07/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	07/20/2023	07/18/2024	38,810	176,000,000	4534.870		15,012,800		7,406,141		7,406,141	(7,606,659)							0001
SPX Call 4534.87 07/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	07/20/2023	07/18/2024	1,985	9,000,000	4534.870		766,800		378,723		378,723	(388,077)							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			206,547		206,547	(7,174)							0001
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			2,360,859		2,360,859	881,500							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			590,215		590,215	220,375							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			1,506,546		1,506,546	503,807							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			301,309		301,309	100,761							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			254,257		254,257	83,554							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			1,017,028		1,017,028	334,214							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			154,205		154,205	(56,095)							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			657,941		657,941	(264,939)							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			144,346		144,346	(50,404)							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			663,990		663,990	(231,860)							0003
SX5E Call 4227.83 08/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	08/17/2023	08/15/2024	2,436	10,300,000	4227.830	715,850			502,518		502,518	(213,332)							0003
SX5E Call 4227.83 08/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	08/17/2023	08/15/2024	591	2,500,000	4227.830	173,750			121,970		121,970	(51,780)							0003
SX5E Call 4279.75 09/19/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	09/14/2023	09/19/2024	2,290	9,800,000	4279.750	661,500			462,474		462,474	(199,026)							0003
SX5E Call 4279.75 09/19/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	09/14/2023	09/19/2024	584	2,500,000	4279.750	168,750			117,978		117,978	(50,772)							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			300,844		300,844	(480,006)							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			78,481		78,481	(125,219)							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			66,073		66,073	(96,177)							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			229,933		229,933	(334,697)							0003
SX5E Call 4367.45 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	05/18/2023	05/16/2024	2,450	10,700,000	4367.450	723,855			253,012		253,012	(470,843)							0003
SX5E Call 4367.45 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	05/18/2023	05/16/2024	572	2,500,000	4367.450	169,250			59,115		59,115	(110,135)							0003
SX5E Call 4373.73 07/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	07/20/2023	07/18/2024	572	2,500,000	4373.730	161,750			72,098		72,098	(89,652)							0003
SX5E Call 4373.73 07/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	07/20/2023	07/18/2024	2,584	11,300,000	4373.730	731,110			325,883		325,883	(405,227)							0003

E06.7

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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 4384.86 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 11E8VN30JCEQV1H4R804	04/20/2023	04/18/2024	570	2,500,000	4384.860		177,250		62,488		62,488	(114,762)						---	0003												
SX5E Call 4384.86 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 11E8VN30JCEQV1H4R804	04/20/2023	04/18/2024	2,623	11,500,000	4384.860		815,350		287,445		287,445	(527,905)						---	0003												
0159999999. Subtotal - Purchased Options - Hedging Other - Call Options and Warrants										235,420,662	432,924,238		585,081,808	XXX	585,081,808	(65,331,296)							XXX	XXX											
0219999999. Subtotal - Purchased Options - Hedging Other										235,420,662	432,924,238		585,081,808	XXX	585,081,808	(65,331,296)									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										235,420,662	432,924,238		585,081,808	XXX	585,081,808	(65,331,296)													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										235,420,662	432,924,238		585,081,808	XXX	585,081,808	(65,331,296)																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	01/18/2024	165,000	17,655,000	107.000		(419,100)		(125,678)		(125,678)	293,422							---	0004											
Basket Option Call 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International W22LR0IP21HZNB6K528	01/19/2023	01/18/2024	1,190,000	129,412,500	108.750		(2,320,500)		(500,067)		(500,067)	1,820,433								---	0004										
Basket Option Call 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A. B4TYDEB6GKMZ0031MB27	02/16/2023	02/15/2024	1,110,000	120,712,500	108.750		(1,920,300)		(294,976)		(294,976)	1,625,324									---	0004									
Basket Option Call 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A. B4TYDEB6GKMZ0031MB27	02/16/2023	02/15/2024	150,000	16,050,000	107.000		(346,500)		(72,516)		(72,516)	273,984										---	0004								
Basket Option Call 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A. B4TYDEB6GKMZ0031MB27	03/16/2023	03/14/2024	125,000	13,375,000	107.000		(545,000)		(187,257)		(187,257)	357,743										---	0004								
Basket Option Call 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A. B4TYDEB6GKMZ0031MB27	03/16/2023	03/14/2024	980,000	106,575,000	108.750		(3,567,200)		(968,807)		(968,807)	2,598,393										---	0004								
Basket Option Call 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A. B4TYDEB6GKMZ0031MB27	04/20/2023	04/18/2024	200,000	21,400,000	107.000		(444,000)		(212,770)		(212,770)	231,231										---	0004								
Basket Option Call 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A. B4TYDEB6GKMZ0031MB27	04/20/2023	04/18/2024	1,110,000	120,712,500	108.750		(1,820,400)		(784,222)		(784,222)	1,036,178										---	0004								
Basket Option Call 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A. B4TYDEB6GKMZ0031MB27	05/18/2023	05/16/2024	1,060,000	114,215,000	107.750		(1,939,800)		(1,186,142)		(1,186,142)	753,658										---	0004								
Basket Option Call 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A. B4TYDEB6GKMZ0031MB27	05/18/2023	05/16/2024	175,000	18,681,250	106.750		(381,500)		(238,881)		(238,881)	142,619										---	0004								
Basket Option Call 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMUIISFPUBM8PR08K5P83	06/15/2023	06/20/2024	1,010,000	108,827,500	107.750		(1,727,100)		(880,696)		(880,696)	846,404										---	0004								
Basket Option Call 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMUIISFPUBM8PR08K5P83	06/15/2023	06/20/2024	210,000	22,417,500	106.750		(430,500)		(223,066)		(223,066)	207,434										---	0004								
Basket Option Call 07/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A. B4TYDEB6GKMZ0031MB27	07/20/2023	07/18/2024	900,000	96,975,000	107.750		(1,440,000)		(794,186)		(794,186)	645,814										---	0004								
Basket Option Call 07/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A. B4TYDEB6GKMZ0031MB27	07/20/2023	07/18/2024	170,000	18,147,500	106.750		(329,800)		(180,852)		(180,852)	148,948										---	0004								
Basket Option Call 08/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U3RH1GC71XBU11	08/17/2023	08/15/2024	1,020,000	109,905,000	107.750		(2,070,600)		(2,129,643)		(2,129,643)	(59,043)										---	0004								
Basket Option Call 08/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U3RH1GC71XBU11	08/17/2023	08/15/2024	210,000	22,417,500	106.750		(487,200)		(504,865)		(504,865)	(17,665)										---	0004								
Basket Option Call 09/19/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMUIISFPUBM8PR08K5P83	09/14/2023	09/19/2024	150,000	15,825,000	105.500		(394,500)		(398,813)		(398,813)	(4,313)										---	0004								
Basket Option Call 09/19/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMUIISFPUBM8PR08K5P83	09/14/2023	09/19/2024	980,000	104,370,000	106.500		(2,175,600)		(2,287,460)		(2,287,460)	(111,860)										---	0004								

E06.8

STATEMENT AS OF SEPTEMBER 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 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)			(3,773,915)		(3,773,915)	4,468,768						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)			(526,860)		(526,860)	318,486							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)			(73,674)		(73,674)	452,088							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)			(246,211)		(246,211)	3,422,548							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)			(700,309)		(700,309)	3,667,640							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)			(138,570)		(138,570)	402,742							0004	
Rainbow Option Call 01/19/2024	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)		(257,524)		(257,524)	817,976							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)		(56,902)		(56,902)	422,618							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)		(241,686)		(241,686)	423,314							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)		(106,433)		(106,433)	462,547							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)		(103,467)		(103,467)	351,323							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)		(128,180)		(128,180)	567,970							0008	
Rainbow Option Call 07/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	07/20/2023	07/18/2024	97,000	10,500,250	108.250		(560,660)		(97,815)		(97,815)	462,845							0008	
Rainbow Option Call 08/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	08/17/2023	08/15/2024	82,000	8,876,500	108.250		(756,860)		(198,575)		(198,575)	558,285							0008	
Rainbow Option Call 09/19/2024	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	09/14/2023	09/19/2024	81,000	8,748,000	108.000		(505,440)		(185,146)		(185,146)	320,294							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)			(459,095)		(459,095)	121,389							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)			(124,501)		(124,501)	520,792							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)			(116,103)		(116,103)	195,350							0008	
SPX Call 3852.73	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)			(13,342,895)		(13,342,895)	(2,839,260)							0001	
SPX Call 3922.38	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)			(5,546,754)		(5,546,754)	(968,798)							0001	
SPX Call 3949.88	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	10/20/2022	10/19/2023	2,728	10,775,000	3949.878	(793,800)			(954,446)		(954,446)	(147,438)							0001	
SPX Call 3959.04	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)			(35,816,769)		(35,816,769)	(5,262,508)							0001	
SPX Call 4094.43	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)			(5,464,837)		(5,464,837)	(349,819)							0001	
SPX Call 4097.69	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)			(4,815,791)		(4,815,791)	(582,791)							0001	
SPX Call 4147.83	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)			(4,063,937)		(4,063,937)	262,501							0001	
SPX Call 4162.25	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)			(5,799,023)		(5,799,023)	(732,823)							0001	
SPX Call 4168.45	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)			(3,206,418)		(3,206,418)	76,021							0001	
SPX Call 4171.77	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)			(3,623,761)		(3,623,761)	(389,761)							0001	

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

SCHEDULE DB - PART A - SECTION 1

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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 4197.67 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 11E8VN30JCEQV1H4R804	12/15/2022	12/14/2023	2,567	10,775,000	4197.671	(680,000)			(507,545)		(507,545)	35,243						0001		
SPX Call 4201.01 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	01/19/2023	01/18/2024	2,308	9,697,500	4201.011		(495,000)		(544,236)		(544,236)	(49,236)							0001	
SPX Call 4207.41 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A. KB1H10SPRFMYMCOJFX109	12/15/2022	12/14/2023	100,622	423,360,000	4207.410	(26,166,000)			(19,194,793)		(19,194,793)	1,659,617							0001	
SPX Call 4210.76 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	01/19/2023	01/18/2024	89,514	376,920,000	4210.758		(18,793,650)		(20,486,900)		(20,486,900)	(1,693,250)							0001	
SPX Call 4222.82 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 11E8VN30JCEQV1H4R804	11/17/2022	11/16/2023	11,656	49,220,000	4222.819	(3,401,700)			(1,718,251)		(1,718,251)	422,549							0001	
SPX Call 4237.5 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	Trust Bank JJKC32MCHIID171265Z06	03/16/2023	03/14/2024	15,908	67,410,000	4237.500		(3,754,800)		(4,167,868)		(4,167,868)	(413,068)							0001	
SPX Call 4252.42 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 11E8VN30JCEQV1H4R804	11/17/2022	11/16/2023	1,774	7,542,500	4252.418	(491,050)			(225,953)		(225,953)	78,586							0001	
SPX Call 4262.28 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 11E8VN30JCEQV1H4R804	11/17/2022	11/16/2023	88,431	376,920,000	4262.285	(24,098,450)			(10,699,568)		(10,699,568)	4,140,281							0001	
SPX Call 4267.2 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	Trust Bank JJKC32MCHIID171265Z06	03/16/2023	03/14/2024	2,525	10,775,000	4267.202		(559,000)		(611,613)		(611,613)	(52,613)							0001	
SPX Call 4277.1 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC G5GSEF7VJP5170UK5573	03/16/2023	03/14/2024	60,349	258,120,000	4277.102		(12,906,000)		(14,227,593)		(14,227,593)	(1,321,593)							0001	
SPX Call 4299.02 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 11E8VN30JCEQV1H4R804	02/16/2023	02/15/2024	14,913	64,111,000	4299.021		(3,990,925)		(2,941,347)		(2,941,347)	1,049,578							0001	
SPX Call 4340.41 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Trust Bank JJKC32MCHIID171265Z06	04/20/2023	04/18/2024	10,654	46,244,000	4340.409		(2,741,200)		(2,417,001)		(2,417,001)	324,199							0001	
SPX Call 4376.74 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Societe Generale 02RNE81BXP4ROT08PU41	02/16/2023	02/15/2024	16,135	70,620,000	4376.739		(3,597,000)		(2,427,424)		(2,427,424)	1,169,576							0001	
SPX Call 4407.42 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Trust Bank JJKC32MCHIID171265Z06	02/16/2023	02/15/2024	2,445	10,775,000	4407.417		(516,000)		(326,643)		(326,643)	189,357							0001	
SPX Call 4412.15 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 11E8VN30JCEQV1H4R804	05/18/2023	05/16/2024	10,243	45,193,000	4412.151		(2,592,900)		(2,130,205)		(2,130,205)	462,695							0001	
SPX Call 4417.64 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 11E8VN30JCEQV1H4R804	02/16/2023	02/15/2024	66,253	292,680,000	4417.643		(13,563,550)		(8,495,230)		(8,495,230)	5,068,320							0001	
SPX Call 4418.88 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 11E8VN30JCEQV1H4R804	04/20/2023	04/18/2024	15,497	68,480,000	4418.875		(3,270,400)		(2,803,569)		(2,803,569)	466,831							0001	
SPX Call 4449.85 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Trust Bank JJKC32MCHIID171265Z06	04/20/2023	04/18/2024	1,937	8,620,000	4449.849		(385,600)		(317,899)		(317,899)	67,701							0001	
SPX Call 4460.17 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 11E8VN30JCEQV1H4R804	04/20/2023	04/18/2024	48,186	214,920,000	4460.173		(9,173,900)		(7,646,581)		(7,646,581)	1,527,319							0001	
SPX Call 4491.91 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 11E8VN30JCEQV1H4R804	05/18/2023	05/16/2024	14,292	64,200,000	4491.914		(3,003,000)		(2,355,797)		(2,355,797)	647,203							0001	
SPX Call 4523.4 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 11E8VN30JCEQV1H4R804	05/18/2023	05/16/2024	2,382	10,775,000	4523.399		(461,500)		(355,344)		(355,344)	106,156							0001	
SPX Call 4533.89 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 11E8VN30JCEQV1H4R804	05/18/2023	05/16/2024	37,160	168,479,852	4533.890		(7,023,900)		(5,356,347)		(5,356,347)	1,667,553							0001	
SPX Call 4593.25 08/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Trust Bank JJKC32MCHIID171265Z06	08/17/2023	08/15/2024	10,068	46,244,000	4593.248		(2,710,400)		(1,858,998)		(1,858,998)	851,402							0001	
SPX Call 4651.56 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U3RH1GC71XBU11	06/15/2023	06/20/2024	8,586	39,937,999	4651.558		(2,131,800)		(1,007,879)		(1,007,879)	1,123,921							0001	
SPX Call 4676.29 08/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Trust Bank JJKC32MCHIID171265Z06	08/17/2023	08/15/2024	13,729	64,200,000	4676.285		(3,078,000)		(2,057,486)		(2,057,486)	1,020,514							0001	
SPX Call 4703.32 09/19/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U3RH1GC71XBU11	09/14/2023	09/19/2024	13,540	63,684,000	4703.324		(3,702,700)		(2,250,688)		(2,250,688)	1,452,012							0001	
SPX Call 4709.06 08/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	Trust Bank JJKC32MCHIID171265Z06	08/17/2023	08/15/2024	2,059	9,697,500	4709.063		(426,600)		(282,354)		(282,354)	144,246							0001	
SPX Call 4719.99 08/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 11E8VN30JCEQV1H4R804	08/17/2023	08/15/2024	46,678	220,320,000	4719.989		(9,373,800)		(6,204,781)		(6,204,781)	3,169,019							0001	
SPX Call 4735.65 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U3RH1GC71XBU11	06/15/2023	06/20/2024	14,686	69,550,000	4735.649		(2,977,000)		(1,272,895)		(1,272,895)	1,704,105							0001	

STATEMENT AS OF SEPTEMBER 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 4766.15 07/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	07/20/2023	07/18/2024	11,026	52,550,000	4766.148	(2,645,000)	(1,056,138)	(1,056,138)		(1,056,138)	1,588,862							0001	
SPX Call 4768.84 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11E8VN30JCEQV1H4R804	06/15/2023	06/20/2024	2,034	9,697,500	4768.843	(387,450)	(155,075)	(155,075)		(155,075)	232,375								0001
SPX Call 4775.41 09/19/2024	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	09/14/2023	09/19/2024	15,538	74,200,000	4775.406	(3,570,000)	(2,131,881)	(2,131,881)		(2,131,881)	1,438,119								0001
SPX Call 4779.91 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	ES71P3U3RH1GCT1XBU11	06/15/2023	06/20/2024	50,160	239,760,000	4779.907	(9,102,000)	(3,661,552)	(3,661,552)		(3,661,552)	5,440,448								0001
SPX Call 4831.72 09/19/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11E8VN30JCEQV1H4R804	09/14/2023	09/19/2024	52,829	255,255,003	4831.720	(10,912,300)	(6,105,021)	(6,105,021)		(6,105,021)	4,807,279								0001
SPX Call 4852.31 07/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	07/20/2023	07/18/2024	13,672	66,340,000	4852.311	(2,641,200)	(951,206)	(951,206)		(951,206)	1,689,994								0001
SPX Call 4865.51 09/19/2024	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	JJKC32MCH1D171265Z06	09/14/2023	09/19/2024	7,991	38,880,000	4865.508	(1,521,000)	(825,657)	(825,657)		(825,657)	695,343								0001
SPX Call 4886.32 07/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11E8VN30JCEQV1H4R804	07/20/2023	07/18/2024	1,985	9,697,500	4886.322	(349,200)	(120,535)	(120,535)		(120,535)	228,665								0001
SPX Call 4897.66 07/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11E8VN30JCEQV1H4R804	07/20/2023	07/18/2024	38,810	190,080,000	4897.660	(6,635,200)	(2,250,097)	(2,250,097)		(2,250,097)	4,385,103								0001
SX5E Call 3737.35 10/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11E8VN30JCEQV1H4R804	10/20/2022	10/19/2023	859	3,210,000	3737.350	(160,800)	(382,481)	(382,481)		(382,481)	(143,665)								0003
SX5E Call 3789.74 10/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11E8VN30JCEQV1H4R804	10/20/2022	10/19/2023	3,436	13,020,000	3789.742	(573,600)	(1,353,526)	(1,353,526)		(1,353,526)	(496,982)								0003
SX5E Call 4104.2 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	ROMUJISFPUBMPR08K5P83	12/15/2022	12/14/2023	782	3,210,000	4104.199	(121,800)	(134,513)	(134,513)		(134,513)	(25,477)								0003
SX5E Call 4149.91 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	ES71P3U3RH1GCT1XBU11	11/17/2022	11/16/2023	774	3,210,000	4149.909	(130,500)	(88,926)	(88,926)		(88,926)	(2,983)								0003
SX5E Call 4161.73 12/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	ROMUJISFPUBMPR08K5P83	12/15/2022	12/14/2023	3,911	16,275,000	4161.735	(525,750)	(527,230)	(527,230)		(527,230)	(57,994)								0003
SX5E Call 4208.09 11/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	ES71P3U3RH1GCT1XBU11	11/17/2022	11/16/2023	3,094	13,020,000	4208.086	(456,000)	(251,785)	(251,785)		(251,785)	38,408								0003
SX5E Call 4380.88 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	ROMUJISFPUBMPR08K5P83	01/19/2023	01/18/2024	733	3,210,000	4380.880	(109,800)	(44,417)	(44,417)		(44,417)	65,383								0003
SX5E Call 4405.17 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11E8VN30JCEQV1H4R804	03/16/2023	03/14/2024	607	2,675,000	4405.169	(108,500)	(53,003)	(53,003)		(53,003)	55,497								0003
SX5E Call 4442.29 01/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11E8VN30JCEQV1H4R804	01/19/2023	01/18/2024	3,126	13,888,000	4442.294	(422,400)	(133,643)	(133,643)		(133,643)	289,757								0003
SX5E Call 4466.92 03/14/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11E8VN30JCEQV1H4R804	03/16/2023	03/14/2024	2,793	12,477,500	4466.923	(432,400)	(185,431)	(185,431)		(185,431)	246,970								0003
SX5E Call 4523.78 08/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11E8VN30JCEQV1H4R804	08/17/2023	08/15/2024	591	2,675,000	4523.778	(88,500)	(52,800)	(52,800)		(52,800)	35,700								0003
SX5E Call 4547.23 09/19/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11E8VN30JCEQV1H4R804	09/14/2023	09/19/2024	584	2,656,250	4547.234	(91,250)	(57,925)	(57,925)		(57,925)	33,325								0003
SX5E Call 4587.2 08/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11E8VN30JCEQV1H4R804	08/17/2023	08/15/2024	2,436	11,175,500	4587.196	(307,970)	(176,466)	(176,466)		(176,466)	131,504								0003
SX5E Call 4598.05 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11E8VN30JCEQV1H4R804	02/16/2023	02/15/2024	698	3,210,002	4598.050	(103,200)	(17,096)	(17,096)		(17,096)	86,104								0003
SX5E Call 4611.43 09/19/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11E8VN30JCEQV1H4R804	09/14/2023	09/19/2024	2,290	10,559,500	4611.431	(301,840)	(186,879)	(186,879)		(186,879)	114,961								0003
SX5E Call 4662.51 02/15/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11E8VN30JCEQV1H4R804	02/16/2023	02/15/2024	2,676	12,477,500	4662.505	(333,500)	(45,344)	(45,344)		(45,344)	289,156								0003
SX5E Call 4670.68 06/20/2024	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	ES71P3U3RH1GCT1XBU11	06/15/2023	06/20/2024	573	2,675,000	4670.678	(75,750)	(20,772)	(20,772)		(20,772)	54,978								0003
SX5E Call 4673.17 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	ROMUJISFPUBMPR08K5P83	05/18/2023	05/16/2024	572	2,675,000	4673.172	(82,500)	(16,427)	(16,427)		(16,427)	66,073								0003
SX5E Call 4679.89 07/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11E8VN30JCEQV1H4R804	07/20/2023	07/18/2024	572	2,675,000	4679.891	(76,000)	(24,773)	(24,773)		(24,773)	51,227								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)	(16,660)	(16,660)		(16,660)	73,840								0003

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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)		
SKSE 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	9,439,500	4736.155		(216,630)		(54,674)		(54,674)	161,956						XXX	0003	
SKSE Call 4738.68 05/16/2024	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMUIISFPUBM8P8K5P83	05/18/2023	05/16/2024	2,450	11,609,500	4738.683		(291,575)		(51,691)		(51,691)	239,884						XXX	0003	
SKSE Call 4745.5 07/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 11E8VN30JCEQV1H4R804	07/20/2023	07/18/2024	2,584	12,260,500	4745.497		(282,500)		(86,589)		(86,589)	195,911						XXX	0003	
SKSE Call 4757.57 04/18/2024	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 11E8VN30JCEQV1H4R804	04/20/2023	04/18/2024	2,623	12,477,500	4757.573		(351,900)		(55,788)		(55,788)	296,112						XXX	0003	
0649999999. Subtotal - Written Options - Hedging Other - Call Options and Warrants										(134,443,650)	(193,814,390)		(248,309,285)	XXX	(248,309,285)	65,133,058					XXX	XXX		
0709999999. Subtotal - Written Options - Hedging Other										(134,443,650)	(193,814,390)		(248,309,285)	XXX	(248,309,285)	65,133,058					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										(134,443,650)	(193,814,390)		(248,309,285)	XXX	(248,309,285)	65,133,058					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										(134,443,650)	(193,814,390)		(248,309,285)	XXX	(248,309,285)	65,133,058					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	
CrossCurrencySwap	Foreign Private Placement	D 1	Interest Rate	Wells Fargo Bank, N.A. KB1H10SPRFMYMCJFXT09	08/24/2023	09/06/2028	1	19,191,227	0.77 / 5.39		(3,947)		344,580		344,580	(98,739)	447,266			213,267		XXX	0015	
1319999999. Subtotal - Swaps - Other - Foreign Exchange														(3,947)	344,580	(98,739)	447,266			213,267	XXX	XXX		
1349999999. Subtotal - Swaps - Other														(3,947)	344,580	(98,739)	447,266			213,267	XXX	XXX		
1359999999. Total Swaps - Interest Rate														XXX							XXX	XXX		
1369999999. Total Swaps - Credit Default														XXX								XXX	XXX	
1379999999. Total Swaps - Foreign Exchange														(3,947)	344,580	(98,739)	447,266			213,267	XXX	XXX		
1389999999. Total Swaps - Total Return														XXX								XXX	XXX	
1399999999. Total Swaps - Other														XXX								XXX	XXX	
1409999999. Total Swaps														(3,947)	344,580	(98,739)	447,266			213,267	XXX	XXX		
Bond Forward 30YR UST 3.625 02/15/53	GLWB Hedge	Exhibit 5	Interest Rate	Barclays Bank PLC G5GSEF7VJP5170JK5573	03/15/2023	12/12/2024	1	50,000,000	100.539				(7,978,423)		(7,978,423)	(7,978,423)				274,174		XXX	0009	
Bond Forward 20YR UST 3.625 02/15/43	GLWB Hedge	Exhibit 5	Interest Rate	BNP Paribas ROMUIISFPUBM8P8K5P83	04/18/2023	04/19/2024	1	50,000,000	100.890				(6,079,784)		(6,079,784)	(6,079,784)				185,981		XXX	0009	
Bond Forward 20YR UST 3.875 05/15/43	GLWB Hedge	Exhibit 5	Interest Rate	BNP Paribas ROMUIISFPUBM8P8K5P83	06/08/2023	06/13/2024	1	25,000,000	98.755				(2,412,119)		(2,412,119)	(2,412,119)				104,889		XXX	0005	
Bond Forward 20YR UST 3.875 05/15/43	GLWB Hedge	Exhibit 5	Interest Rate	BNP Paribas ROMUIISFPUBM8P8K5P83	07/11/2023	07/18/2024	1	50,000,000	96.766				(3,819,712)		(3,819,712)	(3,819,712)				223,607		XXX	0009	
Bond Forward 30YR 4.125 UST 08/15/53	GLWB Hedge	Exhibit 5	Interest Rate	BNP Paribas ROMUIISFPUBM8P8K5P83	09/19/2023	09/19/2024	1	80,000,000	96.372				(3,689,095)		(3,689,095)	(3,689,095)				394,482		XXX	0009	
Bond Forward 20YR 4.375 UST 08/15/43	GLWB Hedge	Exhibit 5	Interest Rate	BNP Paribas ROMUIISFPUBM8P8K5P83	09/19/2023	12/19/2024	1	50,000,000	98.425				(1,224,056)		(1,224,056)	(1,224,056)				276,351		XXX	0009	
Bond Forward 30YR UST 3.625 05/15/53	GLWB Hedge	Exhibit 5	Interest Rate	J.P. Morgan Chase Bank N.A. 7H6GLXDRUGGFU57RNE97	06/12/2023	06/13/2024	1	50,000,000	96.425				(6,262,206)		(6,262,206)	(6,262,206)				209,778		XXX	0009	
Bond Forward 20YR UST 3.25 05/15/42	GLWB Hedge	Exhibit 5	Interest Rate	J.P. Morgan Chase Bank N.A. 7H6GLXDRUGGFU57RNE97	07/13/2022	01/18/2024	1	50,000,000	97.858				(8,757,006)		(8,757,006)	(8,757,006)				255,756		XXX	0009	
Bond Forward 20YR UST 3.625 02/15/43	GLWB Hedge	Exhibit 5	Interest Rate	J.P. Morgan Chase Bank N.A. 7H6GLXDRUGGFU57RNE97	04/18/2023	05/16/2024	1	50,000,000	100.979				(6,175,100)		(6,175,100)	(6,175,100)				117,041		XXX	0009	

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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 3.625 05/15/53	GLWB Hedge	Exhibit 5	Interest Rate	J.P. Morgan Chase Bank N.A.	06/28/2023	10/16/2024	1	50,000,000	98.301				(6,953,449)		(6,953,449)	(6,953,449)				137,243	---	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				(11,512,609)		(11,512,609)	(11,512,609)				198,021	---	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	50,000,000	97.538				(6,668,690)		(6,668,690)	(6,668,690)				236,629	---	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	97.538				(2,667,476)		(2,667,476)	(2,667,476)				94,651	---	0005																				
Bond Forward 20YR UST 3.875 05/15/43	GLWB Hedge	Exhibit 5	Interest Rate	Wells Fargo Bank, N.A.	07/12/2023	10/17/2024	1	17,000,000	97.642				(1,407,911)		(1,407,911)	(1,407,911)				87,071	---	0005																				
Bond Forward 20YR UST 3.875 05/15/43	GLWB Hedge	Exhibit 5	Interest Rate	Wells Fargo Bank, N.A.	07/12/2023	07/18/2024	1	50,000,000	97.159				(4,008,122)		(4,008,122)	(4,008,122)				223,607	---	0009																				
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)
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(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 Q3 2023 met its expectation of effectiveness at 97%
	0002	Hedge of economic liabilities for Fixed Index Universal Life product. The FIUL S&P 500 Low Volatility hedge effectiveness for Q3 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 Q3 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 Q3 2023 met its expectation of effectiveness at 100%
	0005	Hedge of GAAP liabilities for Guaranteed Withdrawal Benefit Annuity product. The GLWB hedge effectiveness for Q3 2023 met its expectation of effectiveness at 91%
	0007	Hedge of economic liabilities for Fixed Index Universal Life product. The FIUL S&P 500 Prism hedge effectiveness for Q3 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 Q3 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 Q3 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 Q3 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 Q3 2023 met its expectation of effectiveness at 100%
	0015	Hedge for ML against currency risk from the purchase of JPY denominated bond. The hedge met its expectation of effectiveness for Q3 2023 in that the notional exposure of the currency swap was between 0 and 100% of the par value of the hedged bond.

E06.13

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

SCHEDULE DB - PART B - SECTION 1

Futures Contracts Open as of the Current Statement Date

1 Ticker Symbol	2 Number of Contracts	3 Notional Amount	4 Description	5 Description of Item(s) Hedged, Used for Income Generation or Replicated	6 Schedule/ Exhibit Identifier	7 Type(s) of Risk(s) (a)	8 Date of Maturity or Expiration	9 Exchange	10 Trade Date	11 Transaction Price	12 Reporting Date Price	13 Fair Value	14 Book/ Adjusted Carrying Value	Highly Effective Hedges			18 Cumulative Variation Margin for All Other Hedges	19 Change in Variation Margin Gain (Loss) Recognized in Current Year	20 Potential Exposure	21 Hedge Effectiveness at Inception and at Quarter-end (b)	22 Value of One (1) Point
														15 Cumulative Variation Margin	16 Deferred Variation Margin	17 Change in Variation Margin Gain (Loss) Used to Adjust Basis of Hedged Item					
USZ3	355	35,500,000	US T BONDS DEC3	GLWB Hedge	Exhibit 5	Interest Rate	12/19/2023	The Board of Trade of the City of Chicago, Inc. 549300EX04Q20BFQT027	.09/29/2023	118.4700	113.7800					(1,662,875)	(1,662,875)	1,384,500	0005	100,000	
SFRZ3	311	777,500	3-MON SOFR DEC3	GLWB Hedge	Exhibit 5	Interest Rate	03/20/2024	Chicago Mercantile Exchange Inc. SNZ20JLKF8MNNCLQOF39	.09/29/2023	94.5100	94.5500					27,750	27,750	186,600	0004/0005	2,500	
TYZ3	672	67,200,000	10YR TNOTES DEC3	GLWB Hedge	Exhibit 5	Interest Rate	12/19/2023	The Board of Trade of the City of Chicago, Inc. 549300EX04Q20BFQT027	.09/29/2023	109.5000	108.0600					(963,234)	(963,234)	1,344,000	0004/0005	100,000	
FVZ3	288	28,800,000	5YR T NOTES DEC3	GLWB Hedge	Exhibit 5	Interest Rate	12/29/2023	The Board of Trade of the City of Chicago, Inc. 549300EX04Q20BFQT027	.09/29/2023	105.5900	105.3600					(66,922)	(66,922)	381,600	0004/0005	100,000	
ESZ3	3,366	753,142,477	EMINI S&P DEC3	Equity Portfolio Hedge; FIA/FIUL Hedge	D 2-2/Exhibit 5	Equity/Index	12/15/2023	Chicago Mercantile Exchange Inc. SNZ20JLKF8MNNCLQOF39	.09/29/2023	4,476.2100	4,325.5000					(25,160,827)	(25,160,827)	37,699,200	0002/0006/0007	50	
1539999999. Subtotal - Long Futures - Hedging Other														(27,826,109)	(27,826,109)	40,995,900	XXX	XXX			
1579999999. Subtotal - Long Futures														(27,826,109)	(27,826,109)	40,995,900	XXX	XXX			
USZ3	86	8,600,000	US T BONDS DEC3	GLWB Hedge	Exhibit 5	Interest Rate	12/19/2023	The Board of Trade of the City of Chicago, Inc. 549300EX04Q20BFQT027	.09/25/2023	118.0600	113.7800					368,016	368,016	335,400	0004	100,000	
SFRZ3	795	1,987,500	3-MON SOFR DEC3	FIA/FIUL Hedge	Exhibit 5	Interest Rate	03/20/2024	Chicago Mercantile Exchange Inc. SNZ20JLKF8MNNCLQOF39	.09/26/2023	94.5200	94.5500					(52,475)	(52,475)	477,000	0006/0007	2,500	
ESZ3	1,413	318,230,474	EMINI S&P DEC3	GLWB Hedge	Exhibit 5	Equity/Index	12/15/2023	Chicago Mercantile Exchange Inc. SNZ20JLKF8MNNCLQOF39	.09/26/2023	4,504.8700	4,325.5000					12,633,899	12,633,899	15,825,600	0004/0005	50	
MFSZ3	774	81,197,863	MSCI EAFE DEC3	GLWB Hedge	Exhibit 5	Equity/Index	12/15/2023	Intercontinental Exchange Holdings, Inc. 549300R41G1TWPZT5U32	.09/21/2023	2,098.1700	2,041.5000					2,191,813	2,191,813	2,914,458	0004/0005	50	
1609999999. Subtotal - Short Futures - Hedging Other														15,141,252	15,141,252	19,552,458	XXX	XXX			
1649999999. Subtotal - Short Futures														15,141,252	15,141,252	19,552,458	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														(12,684,856)	(12,684,856)	60,548,358	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														(12,684,856)	(12,684,856)	60,548,358	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 ISHARES-C S&P 500, 3,700 shares			
Total Net Cash Deposits			

(a) Code	Description of Hedged Risk(s)

STATEMENT AS OF SEPTEMBER 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 Q3 2023 in that the total equity exposure (equity holdings + futures) will be within +/- 10% of the portfolio manager's equity target. The equity futures exposure is between 0 and 90% of the fund's market value.
0004	Hedge of GAAP liabilities for Guaranteed Withdrawal Benefit Annuity product. The GWPB hedge effectiveness for Q3 2023 met its expectation of effectiveness at 91%
0005	Hedge of GAAP liabilities for Guaranteed Lifetime Withdrawal Benefit Annuity product. The GLWB hedge effectiveness for Q3 2023 met its expectation of effectiveness at 96%
0006	Hedge of economic liabilities for Fixed Index Annuity product. The FIA hedge effectiveness for Q3 2023 met its expectation of effectiveness at 95%
0007	Hedge of economic liabilities for Fixed Index Universal Life product. The FIUL hedge effectiveness for Q3 2023 met its expectation of effectiveness at 100%

STATEMENT AS OF SEPTEMBER 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.	B4TYDEB6KIMZ0031MB27	Y	43,650,000		49,781,704	(10,085,093)		49,781,704	(10,085,093)		60,548,358	60,548,358
Barclays Bank PLC	G5GSEF7VJP5170JK5573	Y	40,100,000		89,247,689	(51,000,138)		89,247,689	(51,000,138)		274,174	
BNP Paribas	ROMUWSFPL8MIPRO8K5P83	Y			21,603,744	(22,627,957)		21,603,744	(22,627,957)		1,185,311	161,097
Goldman Sachs International	W22LROWP21HZNBB6K528	Y	53,590,000		108,200,743	(56,663,767)		108,200,743	(56,663,767)			
HSBC Bank PLC	11EBVN30JCEQV1H4R804	Y	110,390,000		186,670,701	(80,784,821)		186,670,701	(80,784,821)			
J.P. Morgan Chase Bank N.A.	7H6GLXDRUGGFU57RNE97	Y				(28,147,761)			(28,147,761)		719,818	
Morgan Stanley & Co. International plc	4POUHN3JPFQFN3BB653	Y	12,635,738		10,609,564	(313,326)		10,609,564	(313,326)			
Royal Bank of Canada	ES71P3U3RH1GC71XBU11	Y	22,290,000		32,929,779	(12,084,799)		32,929,779	(12,084,799)			
Societe Generale	02RNEB1BXP4ROTDBPU41	Y	3,400,000		5,822,051	(2,427,424)		5,822,051	(2,427,424)			
Truist Bank	1YDOJBGJYI9T8XKCSX06	Y	11,531,850		23,881,660	(12,865,519)		23,881,660	(12,865,519)			
Wells Fargo Bank, N.A.	KB1H1DSPRPFMYMUFXT09	Y	5,150,000		56,678,753	(50,924,440)	604,313	56,678,753	(50,924,440)	604,313	1,053,246	1,053,246
0299999999. Total NAIC 1 Designation			302,737,588		585,426,388	(327,925,045)	604,313	585,426,388	(327,925,045)	604,313	3,232,548	1,214,343
0899999999. Aggregate Sum of Central Clearinghouses (Excluding Exchange Traded)												
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0999999999 - Gross Totals			302,737,588		585,426,388	(327,925,045)	604,313	585,426,388	(327,925,045)	604,313	63,780,906	61,762,701
1. Offset per SSAP No. 64												
2. Net after right of offset per SSAP No. 64					585,426,388	(327,925,045)						

STATEMENT AS OF SEPTEMBER 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	2	3	4	5	6	7	8	9
Exchange, Counterparty or Central Clearinghouse	Type of Asset Pledged	CUSIP Identification	Description	Fair Value	Par Value	Book/Adjusted Carrying Value	Maturity Date	Type of Margin (I, V or IV)
Morgan Stanley & Co. International plc	Other	464287-20-0	1SHARES-C S&P 500	1,588,891	3,700	888,290		IV
Morgan Stanley & Co. International plc	Treasury	912833-70-7	SP 0 11/15/31	41,085,937	60,000,000	52,475,547	11/15/2031	IV
JP Morgan Chase Bank, NA	Treasury	912810-SW-9	T 1.875 02/15/41	3,377,749	5,241,900	5,066,529	02/15/2041	IV
JP Morgan Chase Bank, NA	Treasury	912810-TA-6	T 1.75 08/15/41	8,930,125	14,360,000	13,680,799	08/15/2041	IV
JP Morgan Chase Bank, NA	Treasury	912810-TC-2	T 2.0 11/15/41	1,617,589	2,496,400	2,495,834	11/15/2041	IV
JP Morgan Chase Bank, NA	Treasury	912810-SZ-2	T 2.0 08/15/51	3,007,384	5,209,000	5,247,609	08/15/2051	IV
JP Morgan Chase Bank, NA	Treasury	912810-TB-4	T 1.875 11/15/51	3,562,000	6,400,000	5,874,929	11/15/2051	IV
JP Morgan Chase Bank, NA	Treasury	912810-ST-6	T 1.375 11/15/40	3,541,875	6,000,000	5,288,382	11/15/2040	IV
JP Morgan Chase Bank, NA	Treasury	912810-SU-3	T 1.875 02/15/51	212,286	379,400	340,399	02/15/2051	IV
JP Morgan Chase Bank, NA	Treasury	912820-DJ-7	T 1.375 11/15/31	4,898,438	6,250,000	6,137,763	11/15/2031	IV
JP Morgan Chase Bank, NA	Treasury	912810-SY-5	T 2.25 05/15/41	651,492	950,000	997,131	05/15/2041	IV
JP Morgan Chase Bank, NA	Treasury	912820-CY-5	T 1.25 09/30/28	85,016	100,000	99,513	09/30/2028	IV
JP Morgan Chase Bank, NA	Treasury	912810-SX-7	T 2.375 05/15/51	500,839	789,500	850,884	05/15/2051	IV
BNP Paribas	Treasury	912820-FE-6	T 3.125 08/15/25	3,135,234	3,250,000	3,224,832	08/15/2025	IV
0199999999 - Total				76,194,855	111,429,900	102,668,441	XXX	XXX

Collateral Pledged to Reporting Entity

1	2	3	4	5	6	7	8	9
Exchange, Counterparty or Central Clearinghouse	Type of Asset Pledged	CUSIP Identification	Description	Fair Value	Par Value	Book/Adjusted Carrying Value	Maturity Date	Type of Margin (I, V or IV)
Wells Fargo Bank NA	Money Market Fund	KB1H1DSRPFMYMCLFXT09	Dreyfus Trsy Agy CM INST 521	5,150,000	5,150,000	XXX		IV
Bank of America NA	Money Market Fund	B4TYDEB6GKMZ0031MB27	Dreyfus Trsy Agy CM INST 521	43,650,000	43,650,000	XXX		IV
Barclays Bank PLC	Money Market Fund	656SEF7VJP5170UK5573	Dreyfus Trsy Agy CM INST 521	40,100,000	40,100,000	XXX		IV
Goldman Sachs International	Money Market Fund	W22LR0WP21HZNB6K528	Dreyfus Trsy Agy CM INST 521	53,590,000	53,590,000	XXX		IV
HSBC Bank USA	Money Market Fund	11E8VN30JCEQV1H4R804	Dreyfus Trsy Agy CM INST 521	110,390,000	110,390,000	XXX		IV
Morgan Stanley & Co. International plc	Money Market Fund	4PQUHNGJPFQFN3BB653	Dreyfus Trsy Agy CM INST 521	12,635,738	12,635,738	XXX		IV
Royal Bank of Canada	Money Market Fund	ES71P3U3RHI6C71XB011	Dreyfus Trsy Agy CM INST 521	22,290,000	22,290,000	XXX		IV
Societe Generale	Money Market Fund	02RNE81BXP4R0TD8PL41	Dreyfus Trsy Agy CM INST 521	3,400,000	3,400,000	XXX		IV
Truist Bank	Treasury	JJKC32MCHID171265206	B .375 12/31/25	11,531,850	12,760,000	XXX	12/31/2025	IV
0299999999 - Total				302,737,588	303,965,738	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 SEPTEMBER 30, 2023 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE E - PART 1 - CASH

Month End Depository Balances

1 Depository	2 Code	3 Rate of Interest	4 Amount of Interest Received During Current Quarter	5 Amount of Interest Accrued at Current Statement Date	Book Balance at End of Each Month During Current Quarter			9 *
					6	7	8	
					First Month	Second Month	Third Month	
US Bank St Paul, MN			162,147		(58,798,307)	(103,219,512)	(9,100,407)	.XXX.
Wells Fargo Bank Minneapolis, MN			30,878		8,836,754	8,612,052	6,464,885	.XXX.
Bank of New York Mellon Pittsburgh, PA					153,273	(172,043)	17,244,001	.XXX.
PNC Bank Pittsburgh, PA					4,780,628	2,095,050	3,617,345	.XXX.
FHLB Des Moines, IA					380,907	589,169	32,305	.XXX.
0199998. Deposits in ... 4 depositories that do not exceed the allowable limit in any one depository (See instructions) - Open Depositories	XXX	XXX			125,437	125,739	125,379	XXX
0199999. Totals - Open Depositories	XXX	XXX	193,025		(44,521,308)	(91,969,545)	18,383,508	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	193,025		(44,521,308)	(91,969,545)	18,383,508	XXX
0499999. Cash in Company's Office	XXX	XXX	XXX	XXX				XXX
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.....								
0599999. Total - Cash	XXX	XXX	193,025		(44,521,308)	(91,969,545)	18,383,508	XXX

Medicare Part D Coverage Supplement

N O N E

Trusteed Surplus - Cover

N O N E

Trusteed Surplus Statement - Assets

N O N E

Trusteed Surplus Statement - Liabilities and Trusteed Surplus

N O N E

OVERFLOW PAGE FOR WRITE-INS

NONE